

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099174.D
 Acq On : 7 Oct 2017 4:11
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 05:08:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	206349	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	851226	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	375715	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	616637	20.00	ng	0.00
75) Chrysene-d12	14.03	240	329786	20.00	ng	0.00
86) Perylene-d12	15.50	264	364751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	989644	76.35	ng	0.00
7) Phenol-d6	6.51	99	1228909	76.85	ng	0.01
23) Nitrobenzene-d5	7.44	82	1031672	77.72	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	234974	76.43	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1691592	75.16	ng	0.00
78) Terphenyl-d14	12.97	244	1300503	89.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	235907	38.10	ng	95
3) Pyridine	3.40	79	644940	38.50	ng	95
4) n-Nitrosodimethylamine	3.38	42	261486	36.81	ng	85
6) Aniline	6.54	93	820194	38.00	ng	99
8) 2-Chlorophenol	6.66	128	566534	38.59	ng	96
9) Benzaldehyde	6.42	77	318483	34.34	ng	95
10) Phenol	6.52	94	699880	39.14	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	538821	38.76	ng	97
12) 1,3-Dichlorobenzene	6.81	146	598607	38.94	ng	98
13) 1,4-Dichlorobenzene	6.89	146	601887	38.48	ng	98
14) 1,2-Dichlorobenzene	7.04	146	539728	37.34	ng	99
15) Benzyl Alcohol	7.02	79	404383	34.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	772466	35.66	ng	96
17) 2-Methylphenol	7.12	107	462781	38.53	ng	99
18) Hexachloroethane	7.37	117	217424	38.67	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	358874	35.15	ng	94
20) 3+4-Methylphenols	7.28	107	503625	33.14	ng	# 76
22) Acetophenone	7.29	105	717203	34.78	ng	97
24) Nitrobenzene	7.46	77	572842	38.04	ng	97
25) Isophorone	7.70	82	1074531	39.16	ng	98
26) 2-Nitrophenol	7.77	139	323838	44.73	ng	91
27) 2,4-Dimethylphenol	7.80	122	525102	38.40	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	669622	39.15	ng	99
29) 2,4-Dichlorophenol	8.01	162	467022	39.78	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	463973	39.51	ng	100
31) Naphthalene	8.17	128	1486896	37.19	ng	100
32) Benzoic acid	7.96	122	368120	32.77	ng	95
33) 4-Chloroaniline	8.22	127	649336	38.89	ng	98
34) Hexachlorobutadiene	8.29	225	235960	39.02	ng	99
35) Caprolactam	8.63	113	145111	38.53	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	497358	37.69	ng	96
37) 2-Methylnaphthalene	8.86	142	970375	37.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	448049	39.99	ng	98
40) Hexachlorocyclopentadiene	9.01	237	172859	33.76	ng	97

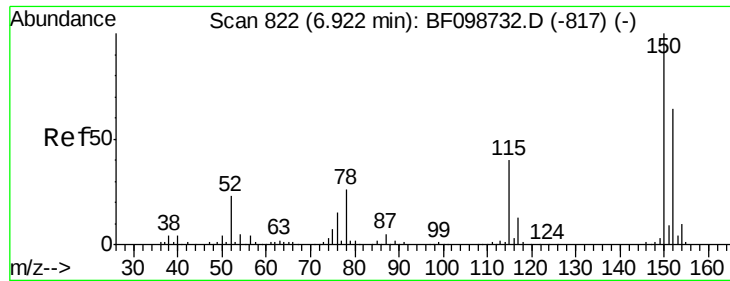
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 Data File : BF099174.D
 Acq On : 7 Oct 2017 4:11
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 05:08:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	309299	38.96	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	314261	39.66	nq	99
45) 1,1'-Biphenyl	9.33	154	1225385	37.95	nq	99
46) 2-Chloronaphthalene	9.36	162	942043	38.86	nq	97
47) 2-Nitroaniline	9.45	65	283807	38.23	nq	94
48) Acenaphthylene	9.77	152	1397651	37.66	nq	99
49) Dimethylphthalate	9.63	163	1150892	40.59	nq	100
50) 2,6-Dinitrotoluene	9.70	165	254240	41.18	nq	# 85
51) Acenaphthene	9.95	154	825908	35.13	nq	99
52) 3-Nitroaniline	9.87	138	281764	39.14	nq	95
53) 2,4-Dinitrophenol	9.97	184	70867	26.27	nq	99
54) Dibenzofuran	10.12	168	1160414	37.07	nq	99
55) 4-Nitrophenol	10.03	139	182680	30.01	nq	85
56) 2,4-Dinitrotoluene	10.10	165	315880	39.43	nq	95
57) Fluorene	10.46	166	914055	36.33	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	205173	37.48	nq	97
59) Diethylphthalate	10.33	149	1040425	37.55	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	416877	36.89	nq	96
61) 4-Nitroaniline	10.49	138	266171	38.33	nq	89
62) Azobenzene	10.60	77	909687	35.71	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	134868	35.95	nq	86
65) n-Nitrosodiphenylamine	10.57	169	846536	39.63	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	254892	42.23	nq	95
67) Hexachlorobenzene	11.00	284	263780	40.92	nq	94
68) Atrazine	11.09	200	260602	40.55	nq	98
69) Pentachlorophenol	11.19	266	124133	30.94	nq	97
70) Phenanthrene	11.42	178	1246556	37.77	nq	100
71) Anthracene	11.47	178	1275118	37.76	nq	100
72) Carbazole	11.62	167	1181380	35.72	nq	100
73) Di-n-butylphthalate	11.95	149	1533966	38.53	nq	99
74) Fluoranthene	12.60	202	1119762	33.50	nq	99
76) Benzidine	12.72	184	399212	32.73	nq	99
77) Pyrene	12.83	202	1118920	44.49	nq	99
79) Butylbenzylphthalate	13.44	149	528994	44.76	nq	98
80) Benzo(a)anthracene	14.02	228	800067	40.06	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	283720	38.76	nq	98
82) Chrysene	14.06	228	750240	39.46	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	702399	43.16	nq	# 99
84) Di-n-octyl phthalate	14.60	149	1106953	42.24	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	1003248	65.97	nq	97
87) Benzo(b)fluoranthene	15.10	252	757128	33.76	nq	98
88) Benzo(k)fluoranthene	15.10	252	757128	34.18	nq	98
89) Benzo(a)pyrene	15.44	252	797990	38.76	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	796229	48.33	nq	96
91) Benzo(g,h,i)perylene	17.45	276	866039	53.18	nq	96

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

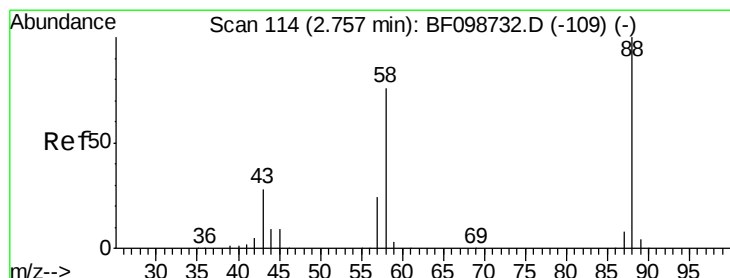
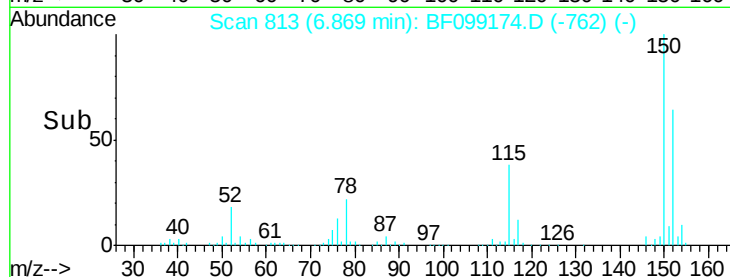
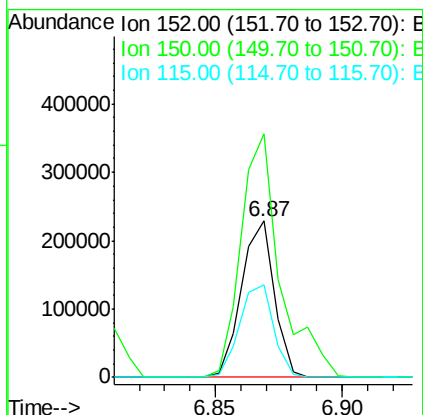
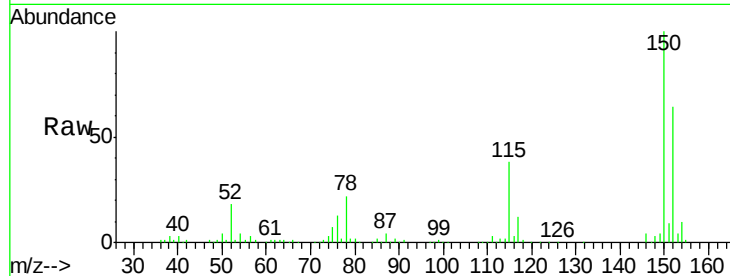


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampled :

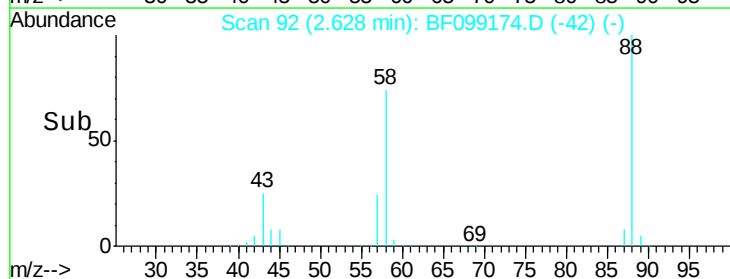
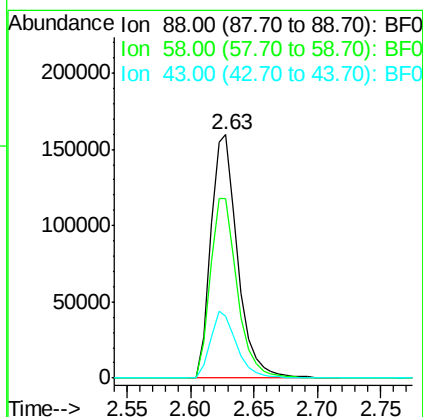
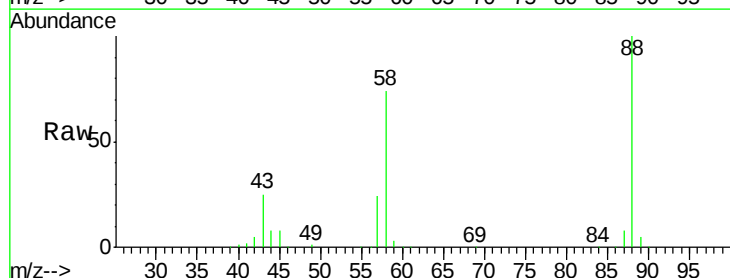
Tot Ion:152 Resp: 206349
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.3 50.1 75.1

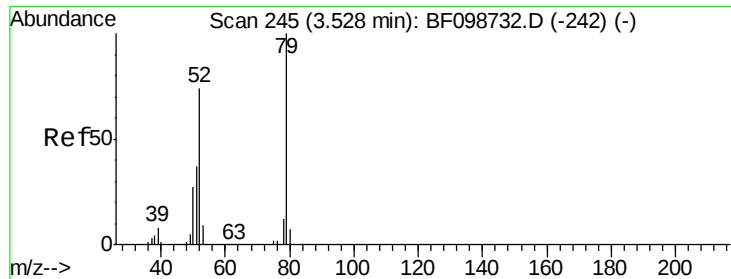


#2

1,4-Dioxane
Concen: 38.10 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion: 88 Resp: 235907
Ion Ratio Lower Upper
88 100
58 74.4 62.6 93.8
43 26.6 24.6 37.0

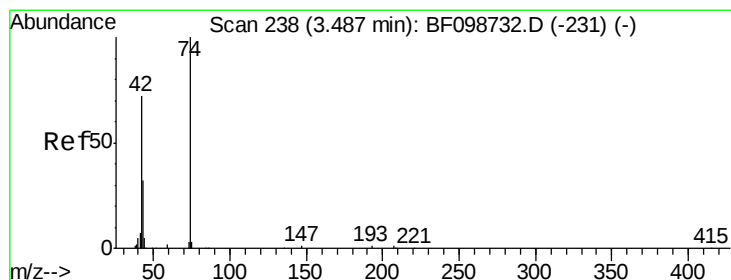
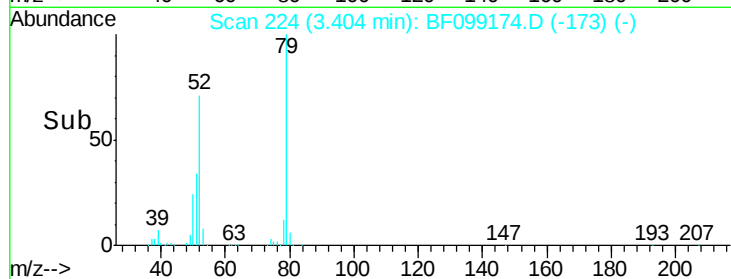
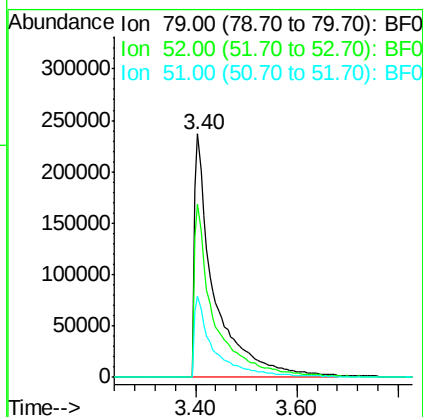
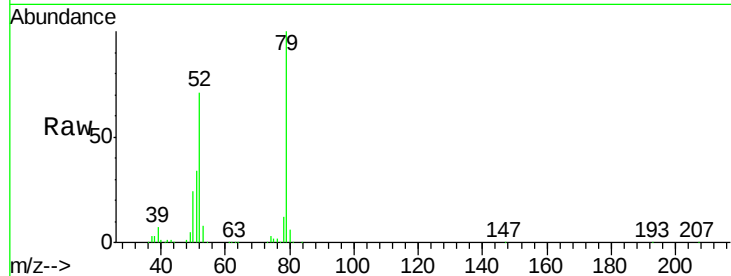




#3
 Pvridine
 Concen: 38.50 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

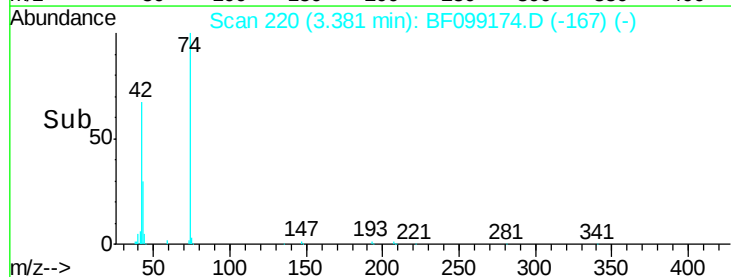
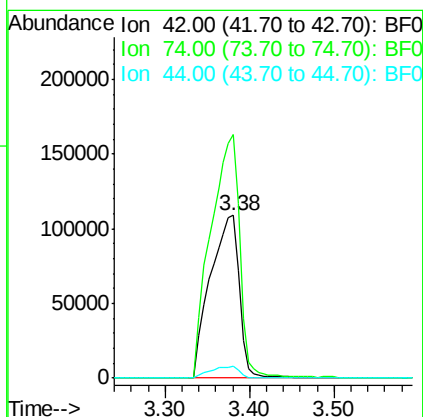
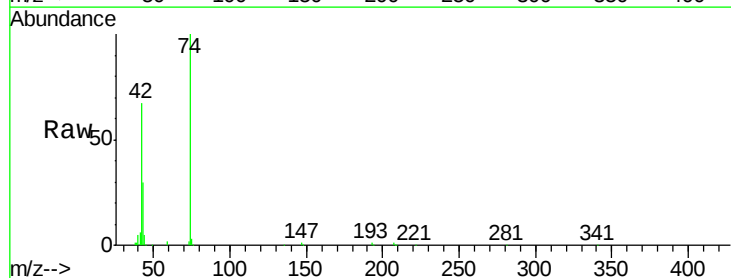
Instrument :
 BNA_F
 ClientSampleId :

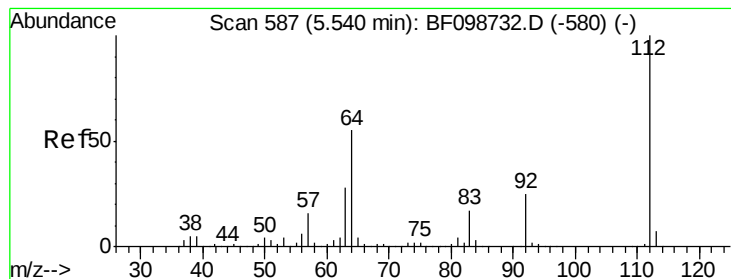
Tot Ion: 79 Resp: 644940
 Ion Ratio Lower Upper
 79 100
 52 71.0 59.8 89.6
 51 33.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.81 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion: 42 Resp: 261486
 Ion Ratio Lower Upper
 42 100
 74 149.6 104.9 157.3
 44 7.2 6.9 10.3

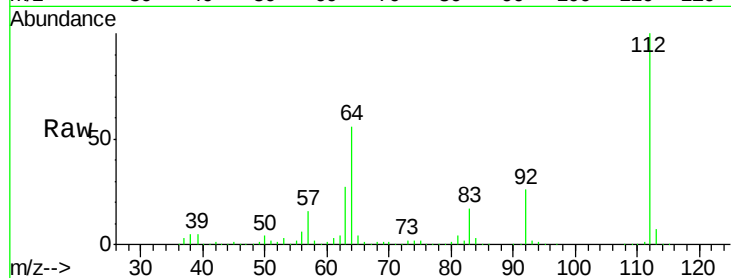




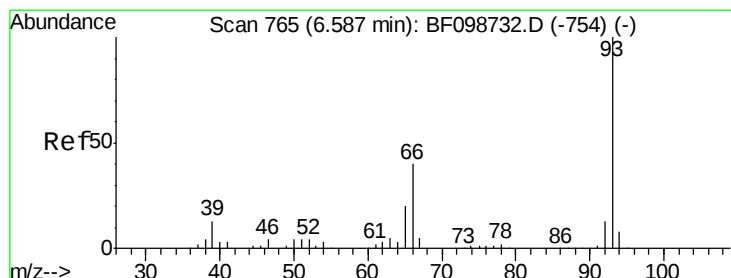
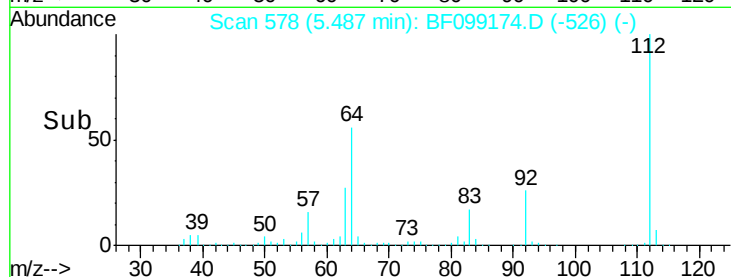
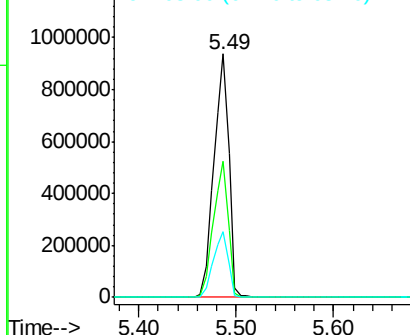
#5
 2-Fluorophenol
 Concen: 76.35 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 989644
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.0 23.7 35.5

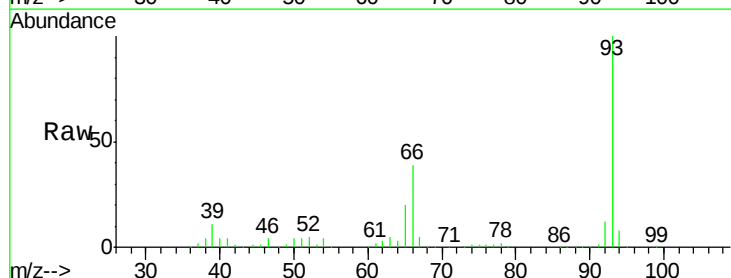


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

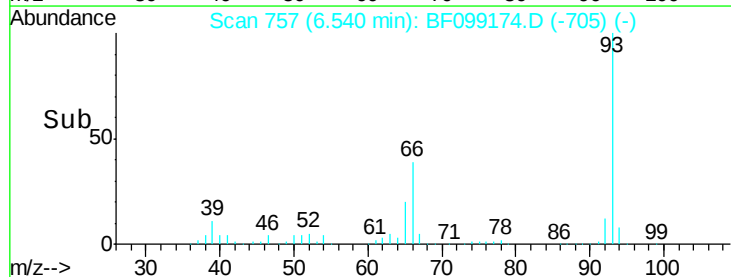
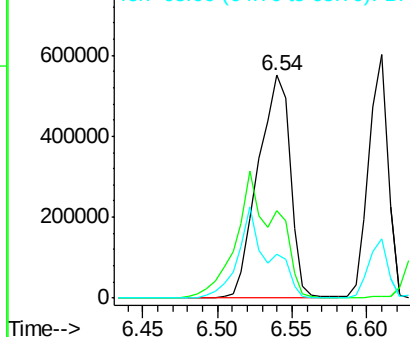


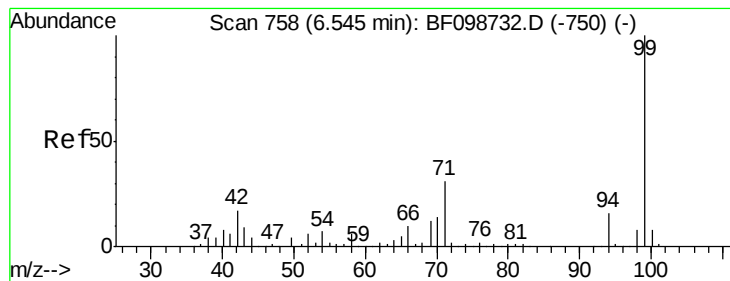
#6
 Aniline
 Concen: 38.00 ng
 RT: 6.54 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion: 93 Resp: 820194
 Ion Ratio Lower Upper
 93 100
 66 39.3 32.2 48.2
 65 19.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.85 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampled :

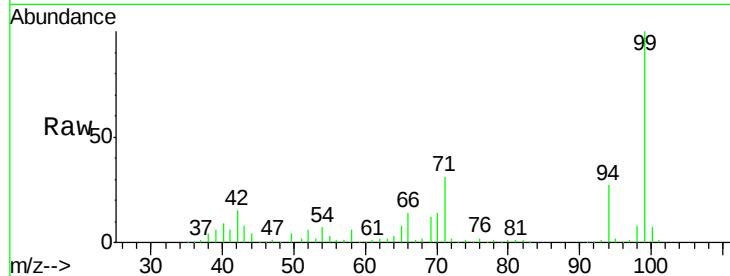
Tot Ion: 99 Resp: 1228909

Ion Ratio Lower Upper

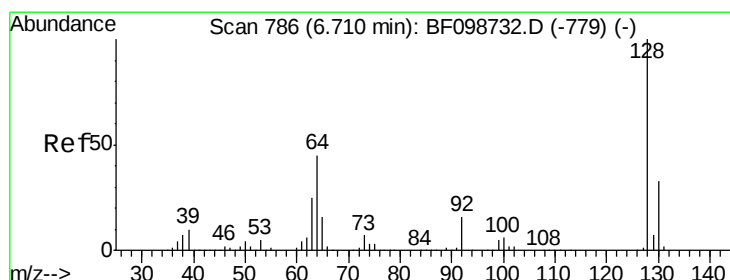
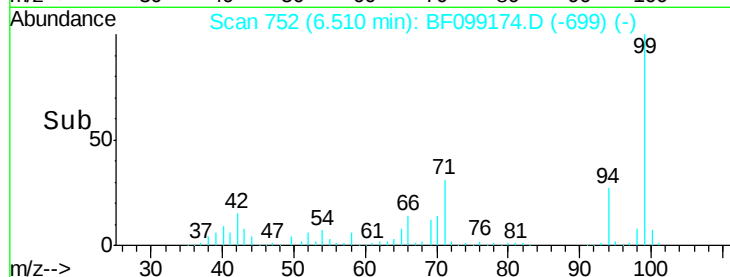
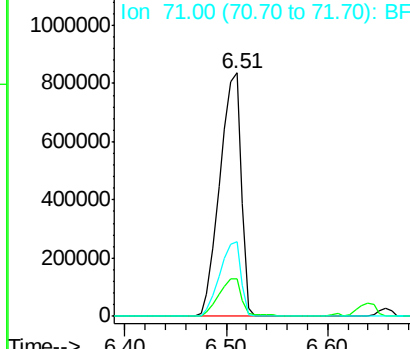
99 100

42 15.2 14.5 21.7

71 30.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.59 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

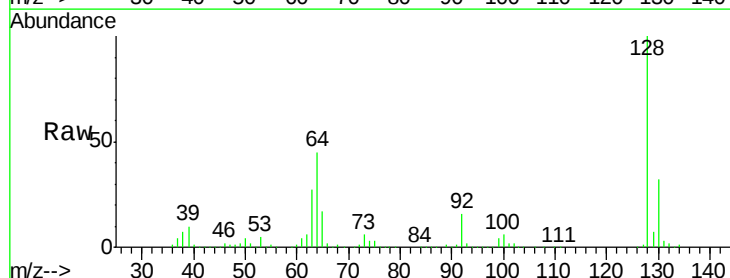
Tgt Ion: 128 Resp: 566534

Ion Ratio Lower Upper

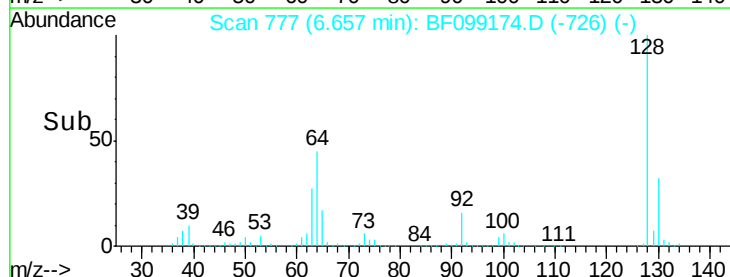
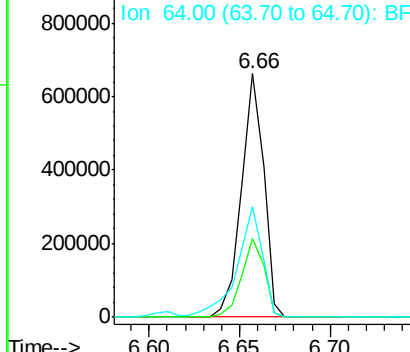
128 100

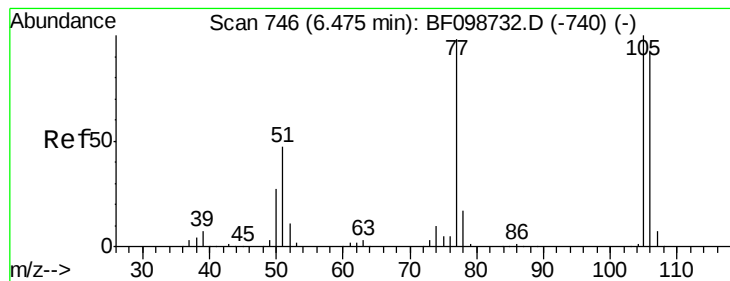
130 32.3 13.0 53.0

64 45.3 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: 34.34 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

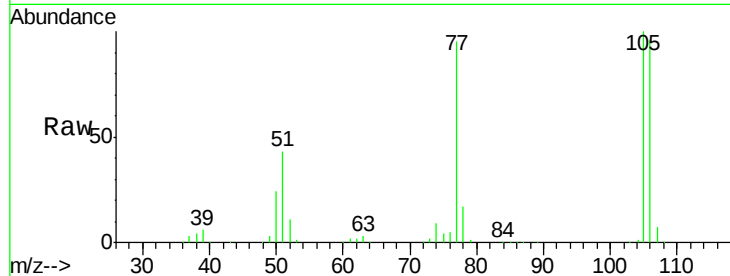
Tot Ion: 77 Resp: 318483

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

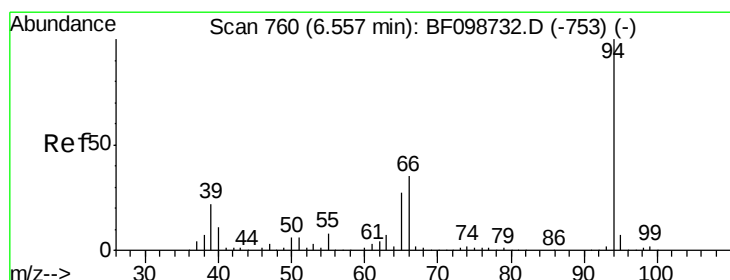
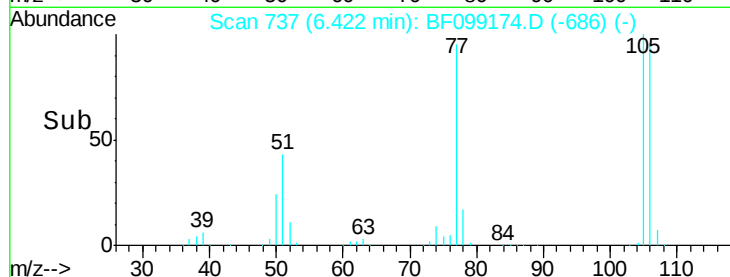
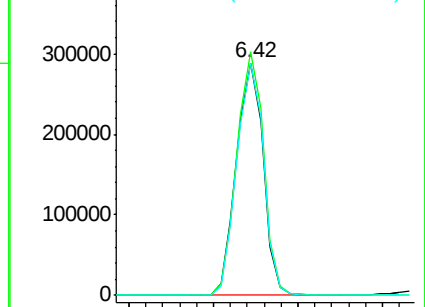
106 100.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.14 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

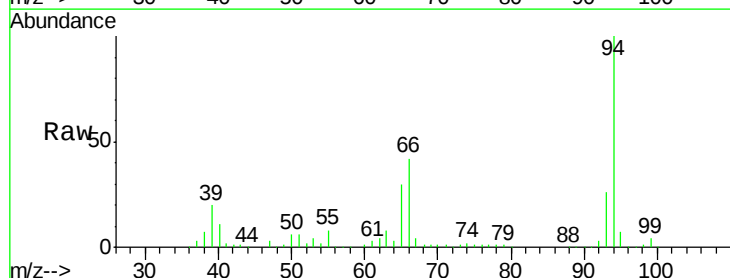
Tgt Ion: 94 Resp: 699880

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

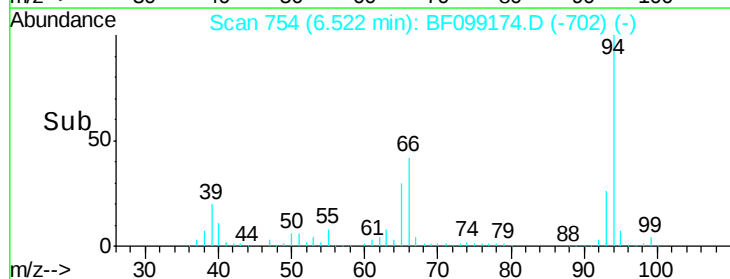
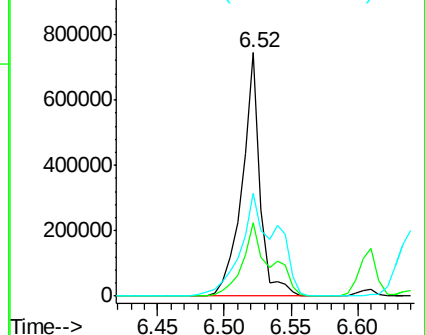
66 42.3 16.2 56.2

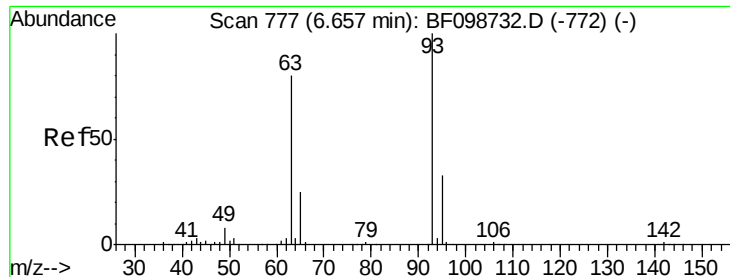


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

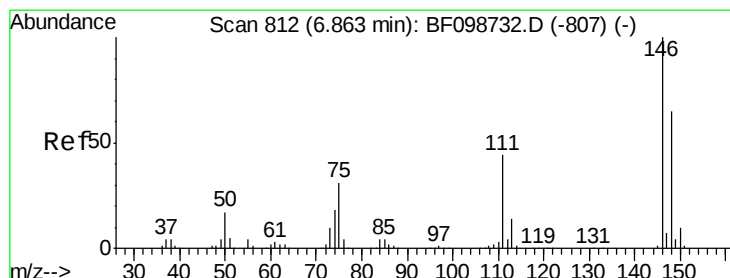
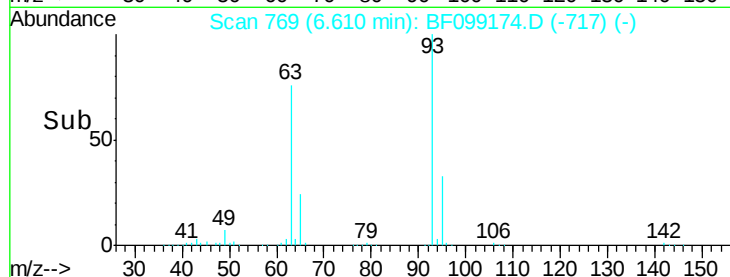
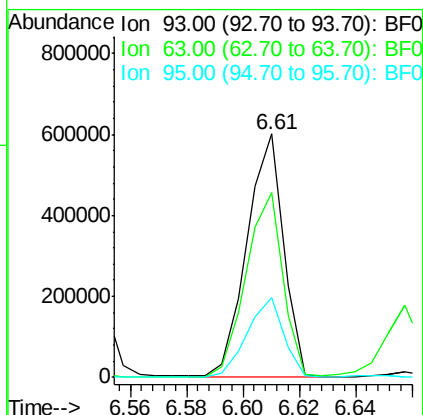
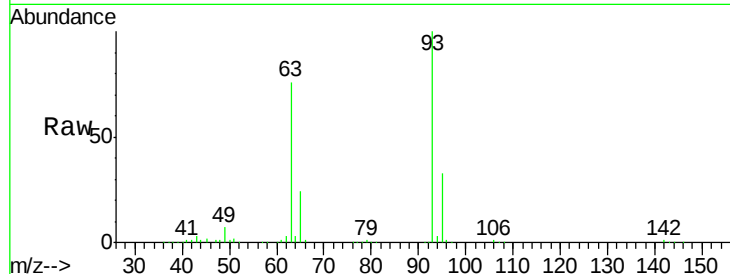




#11
bis(2-Chloroethyl)ether
Concen: 38.76 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

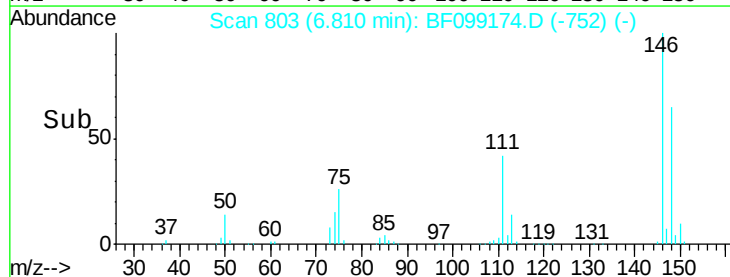
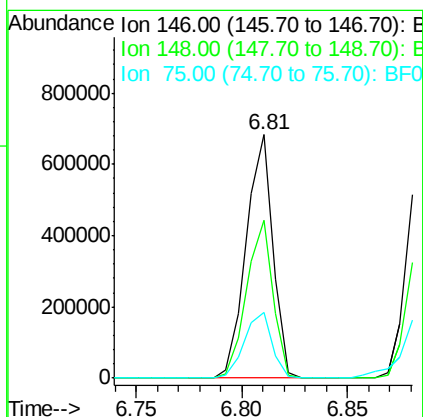
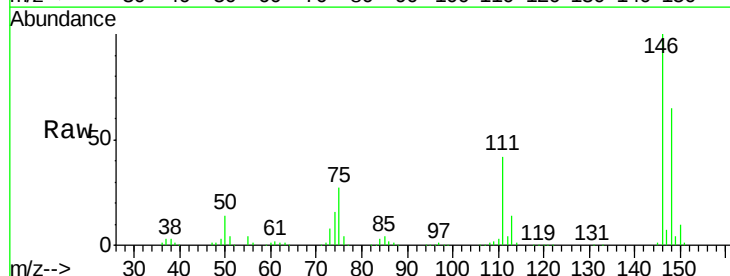
Instrument :
BNA_F
ClientSampleId :

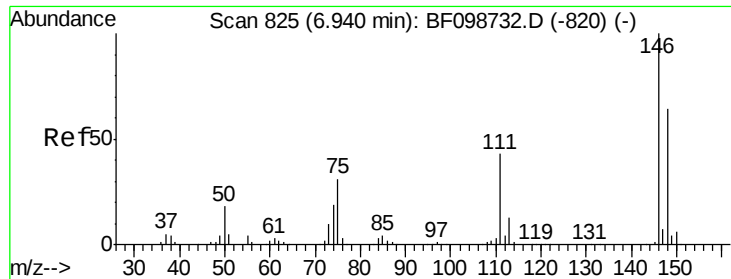
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.6	98.6
95	32.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.94 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	26.9	24.2	36.4

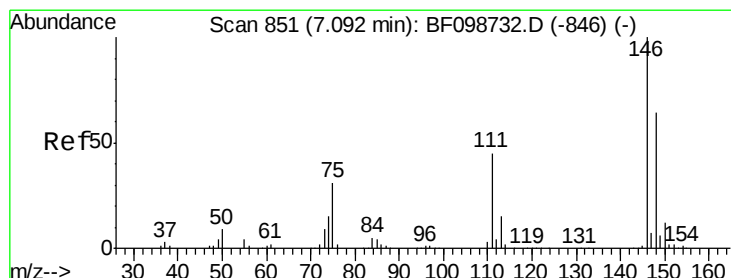
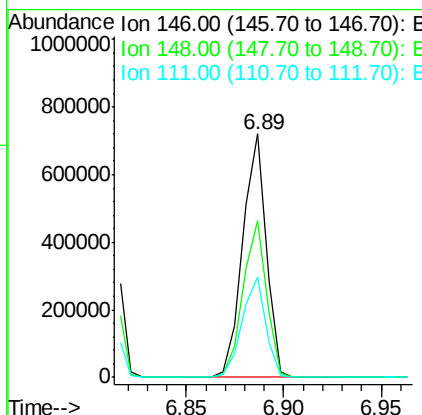
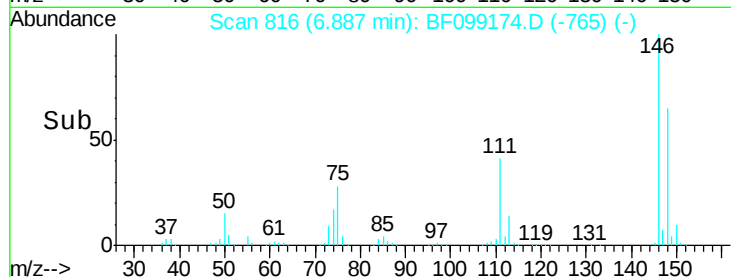
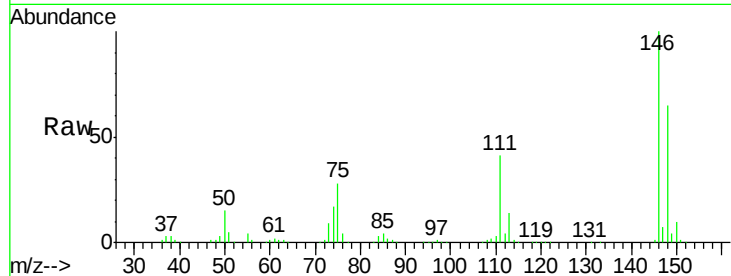




#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

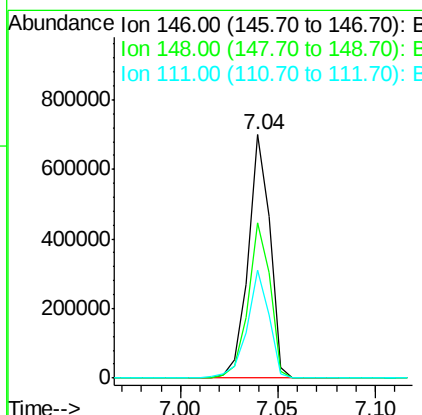
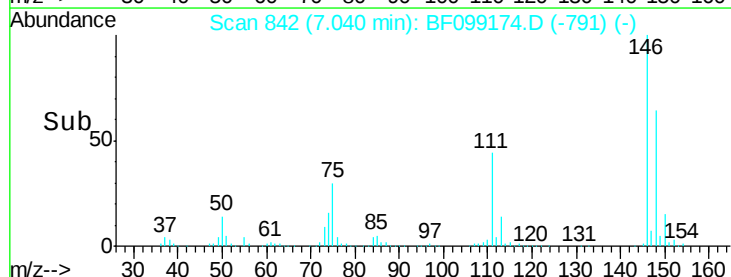
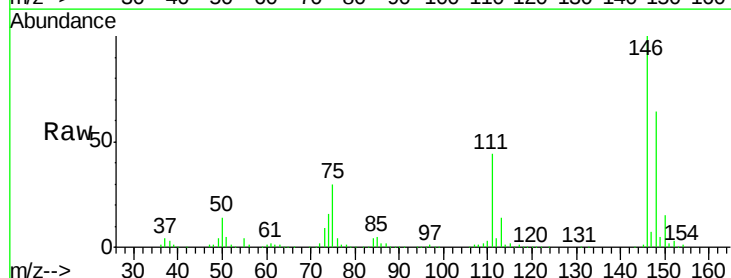
Instrument :
 BNA_F
 ClientSampled :

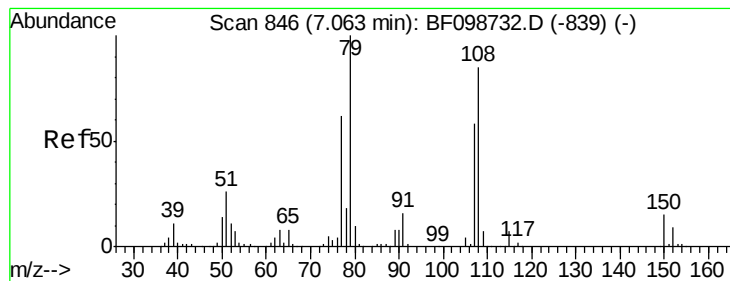
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	41.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	44.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.47 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

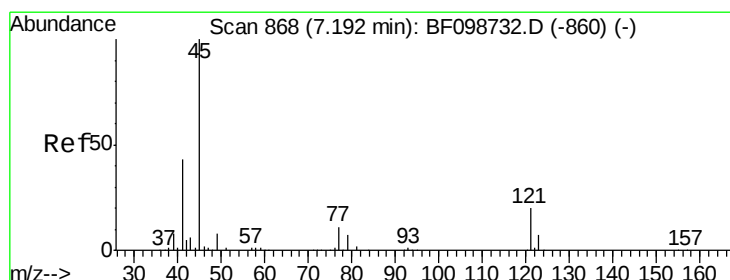
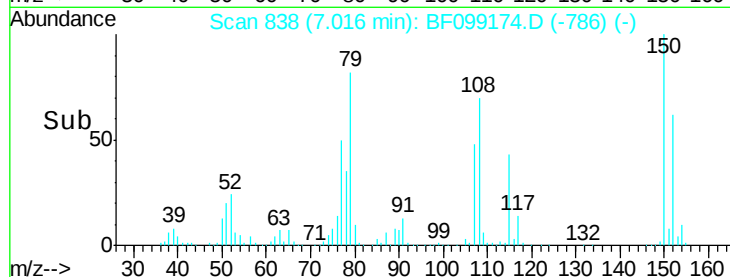
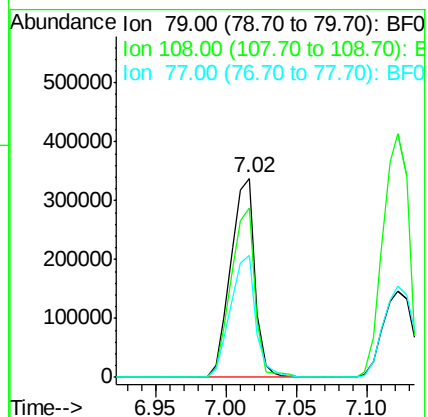
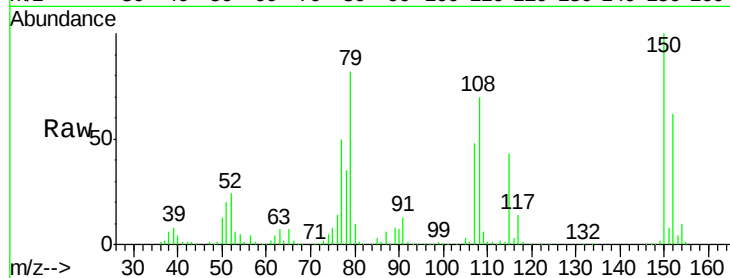
Tot Ion: 79 Resp: 404383

Ion Ratio Lower Upper

79 100

108 85.4 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.66 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

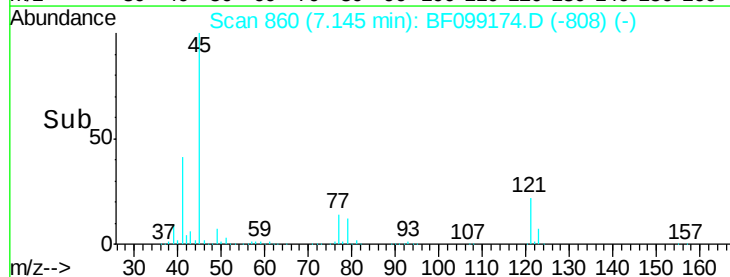
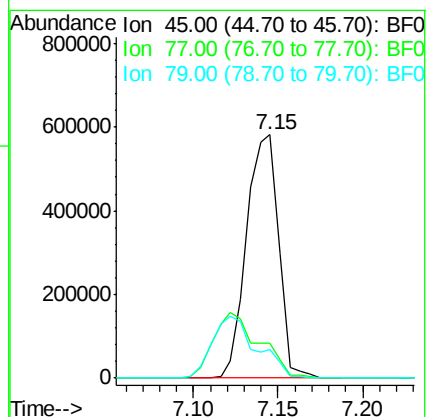
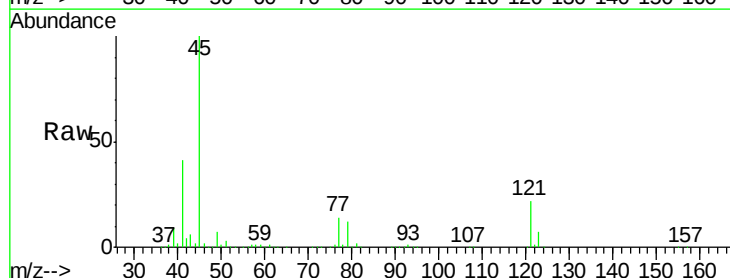
Tgt Ion: 45 Resp: 772466

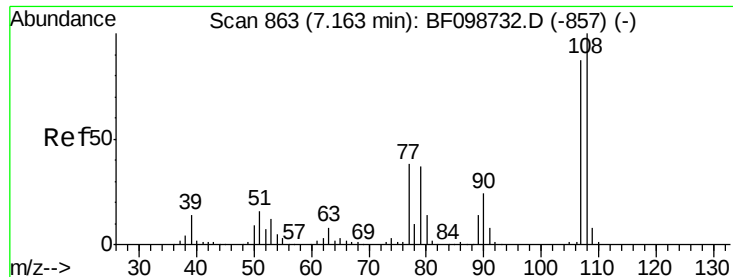
Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

79 11.5 0.0 29.6

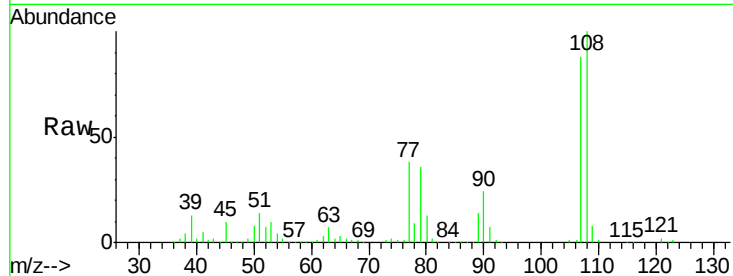




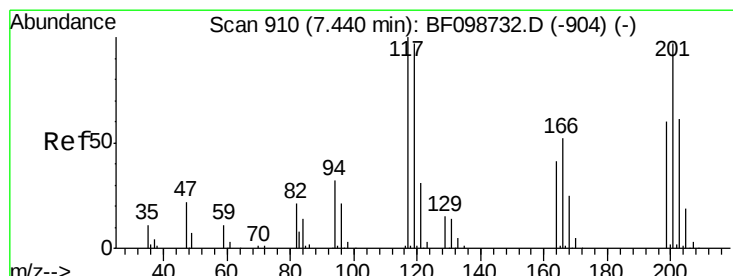
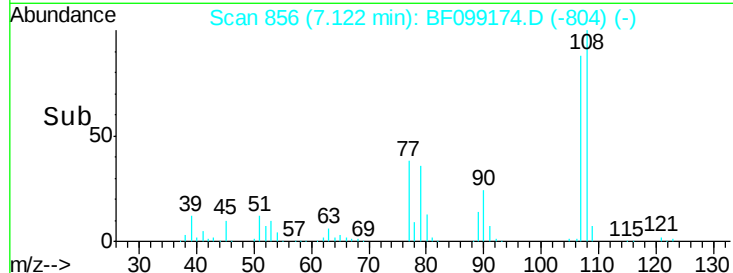
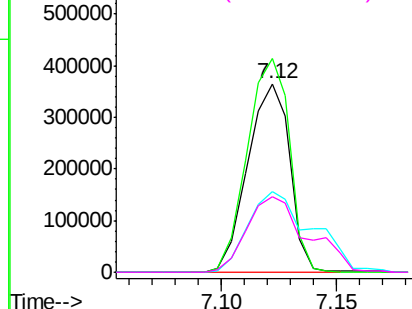
#17
2-Methylphenol
Concen: 38.53 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 462781
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 42.7 33.8 50.8
79 40.4 33.8 50.8

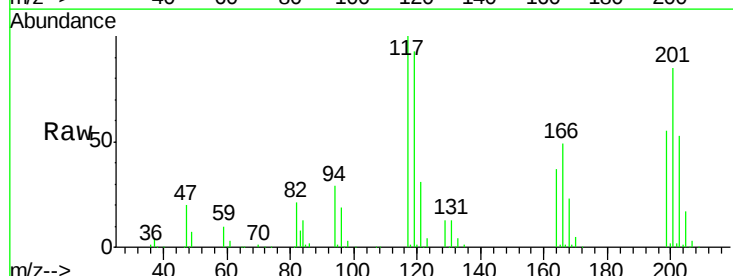


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

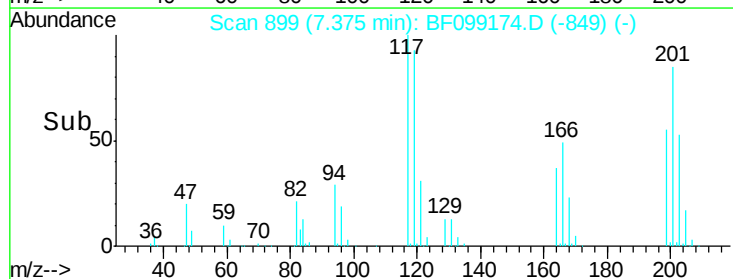
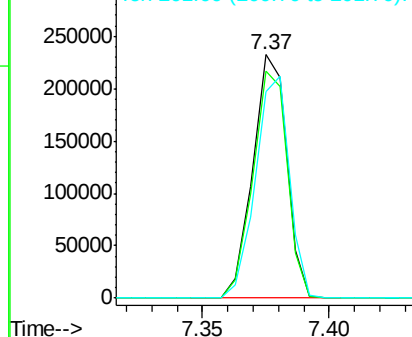


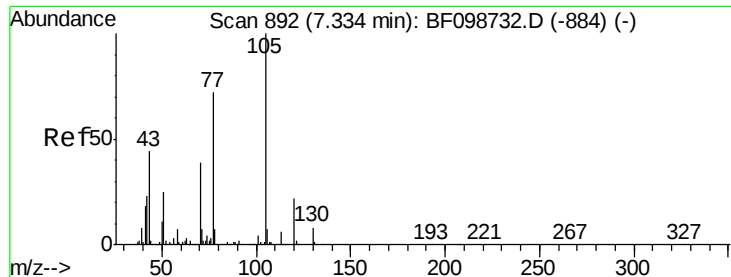
#18
Hexachloroethane
Concen: 38.67 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:117 Resp: 217424
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
201 85.0 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

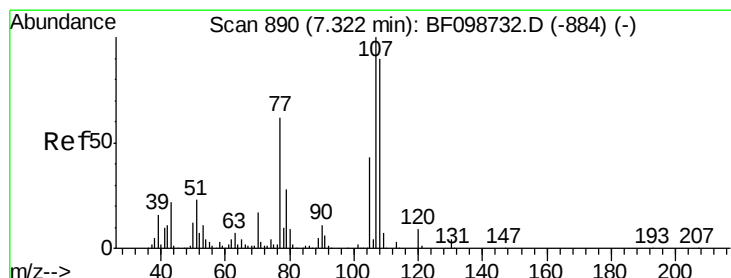
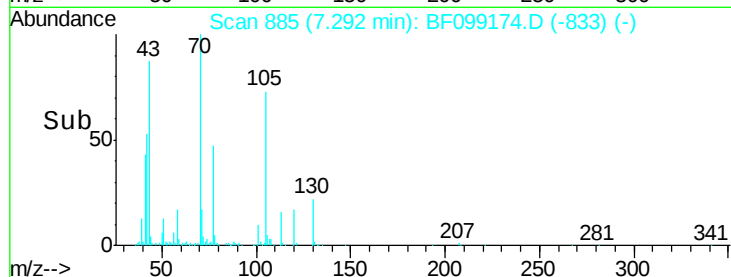
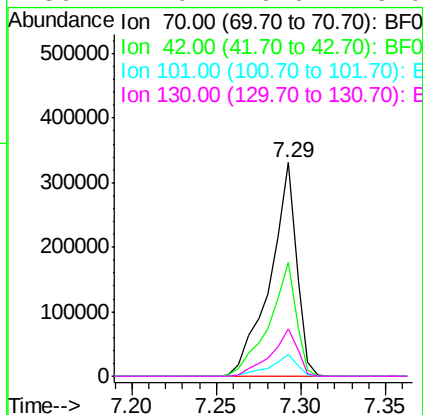
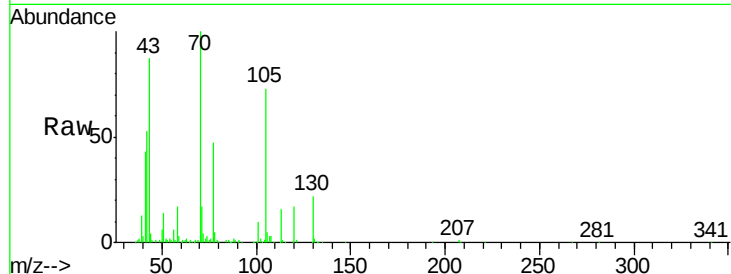




#19
n-Nitroso-di-n-propylamine
Concen: 35.15 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

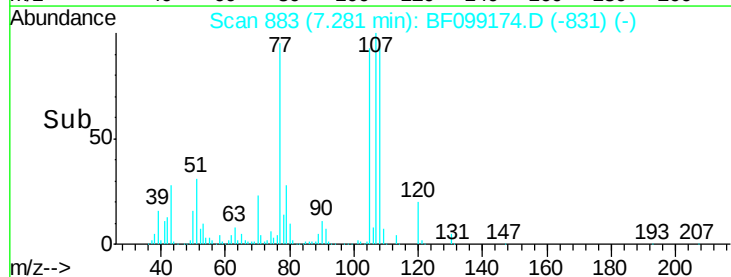
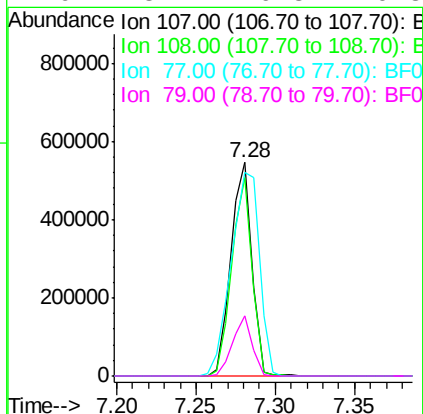
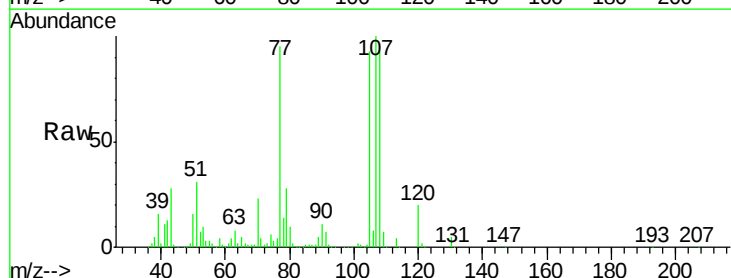
Instrument :
BNA_F
ClientSampleId :

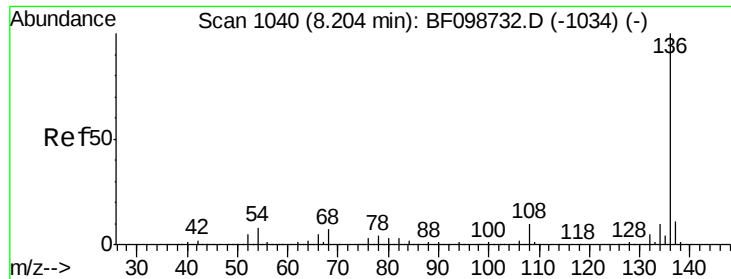
Tot Ion: 70 Resp: 358874
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 10.2 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.14 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:107 Resp: 503625
Ion Ratio Lower Upper
107 100
108 92.9 68.2 108.2
77 95.2 26.7 66.7#
79 28.2 6.3 46.3

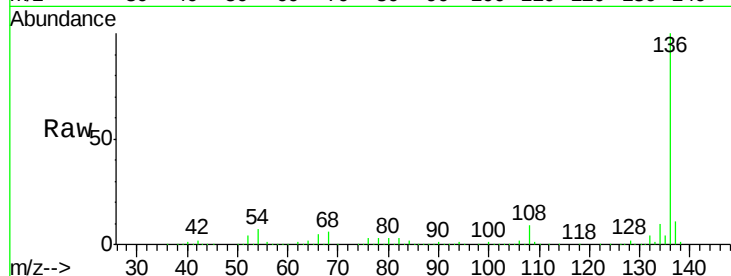




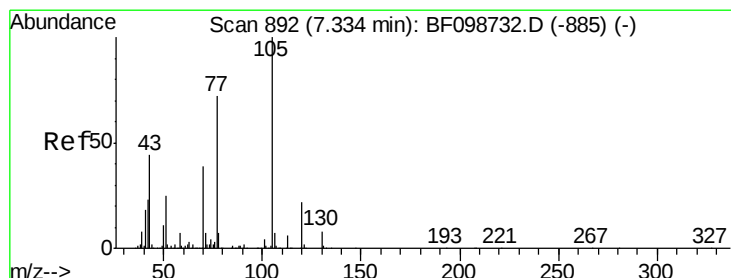
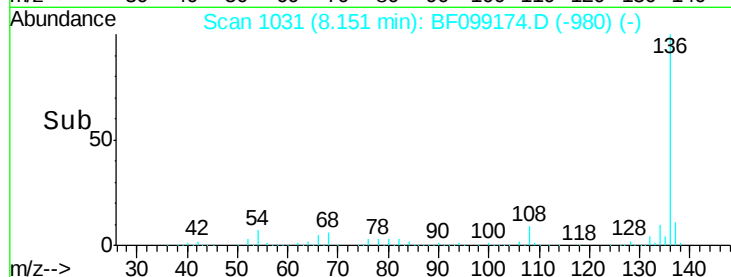
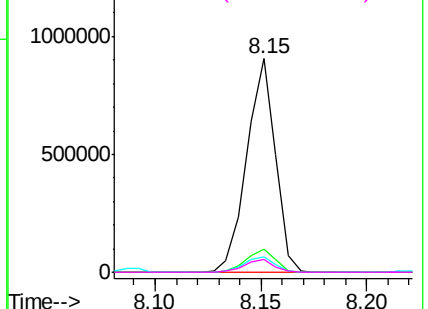
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	851226
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.3	6.6 9.8
68	5.9	5.0 7.4

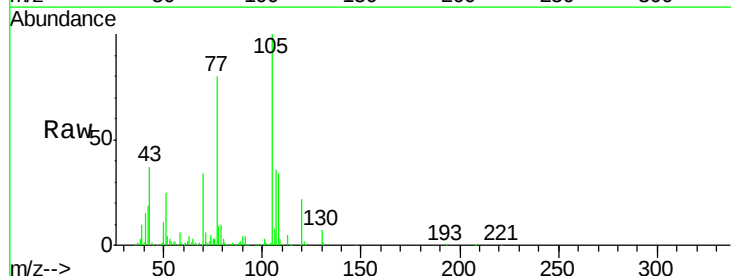


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

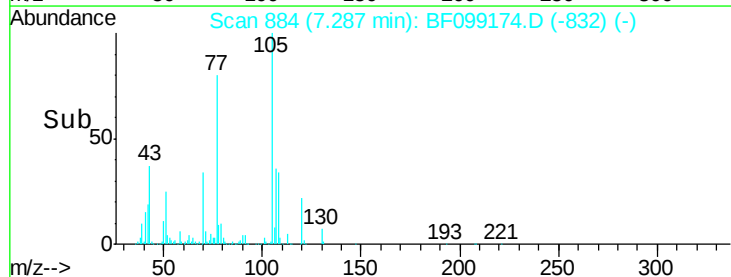
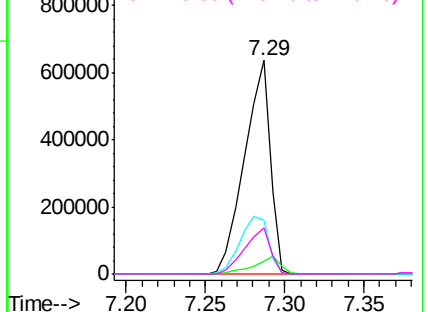


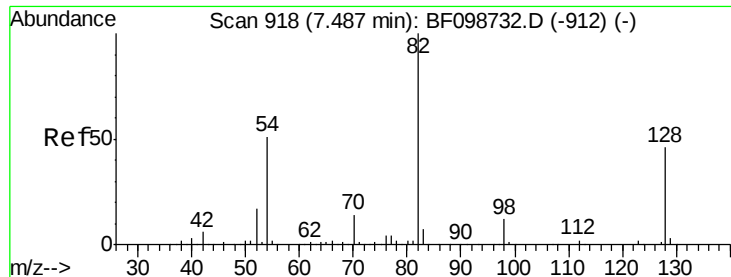
#22
Acetophenone
Concen: 34.78 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:105	Resp:	717203
Ion Ratio	Lower	Upper
105	100	
71	5.9	4.4 6.6
51	25.1	22.3 33.5
120	21.9	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

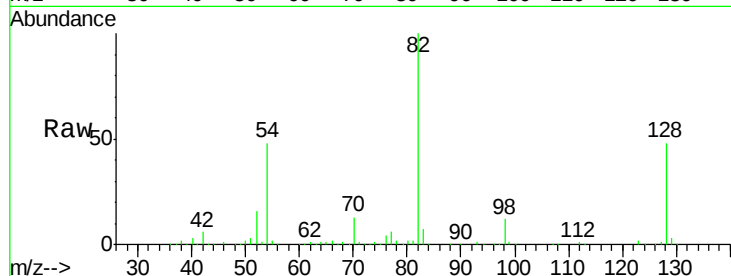




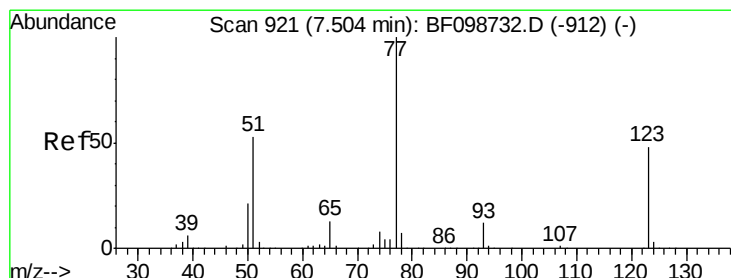
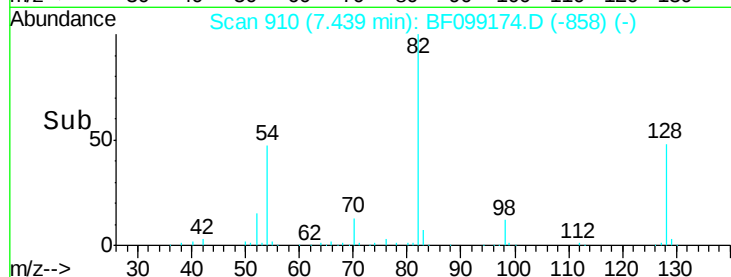
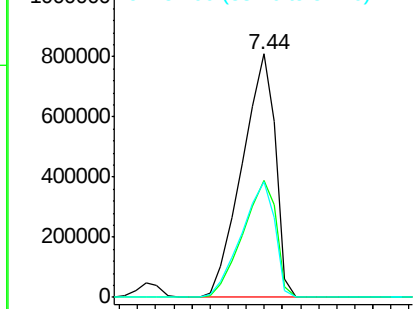
#23
 Nitrobenzene-d5
 Concen: 77.72 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1031672
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 47.7 41.4 62.2

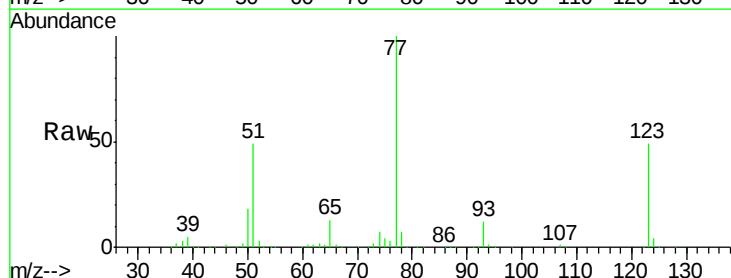


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

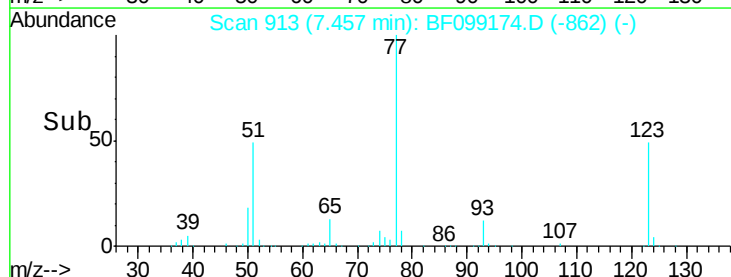
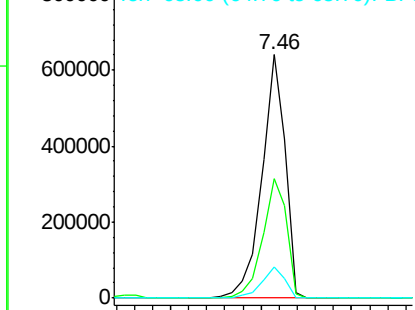


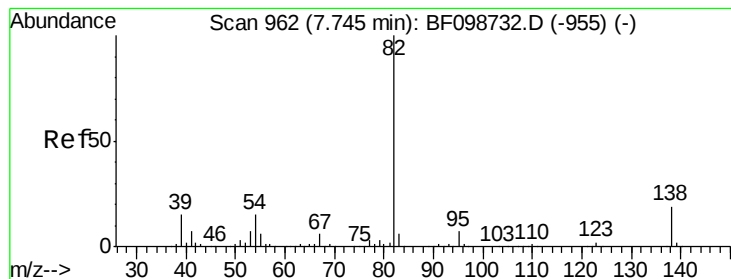
#24
 Nitrobenzene
 Concen: 38.04 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion: 77 Resp: 572842
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.9 56.9
 65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 39.16 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

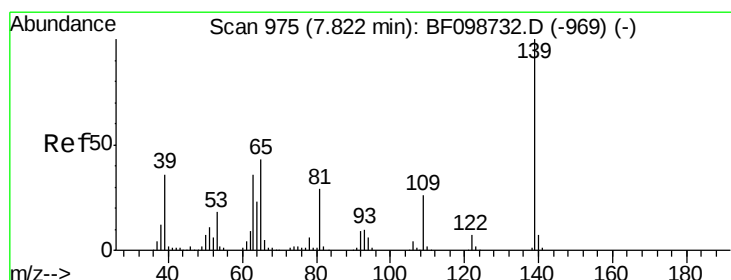
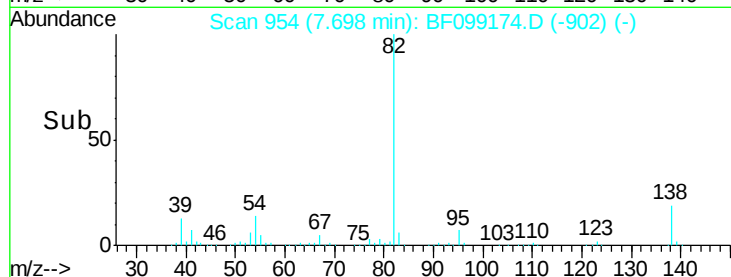
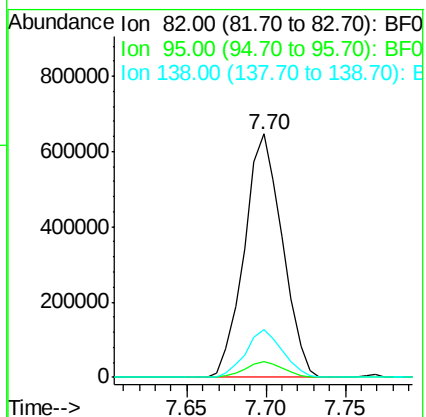
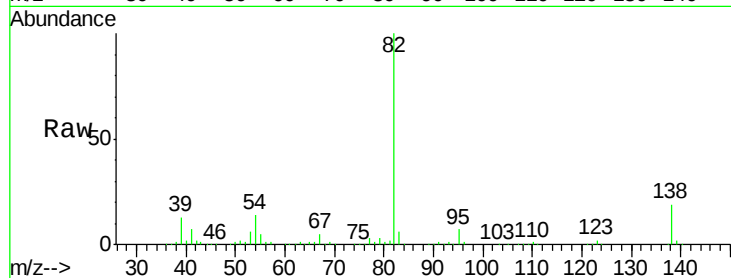
Tot Ion: 82 Resp: 1074531

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 44.73 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

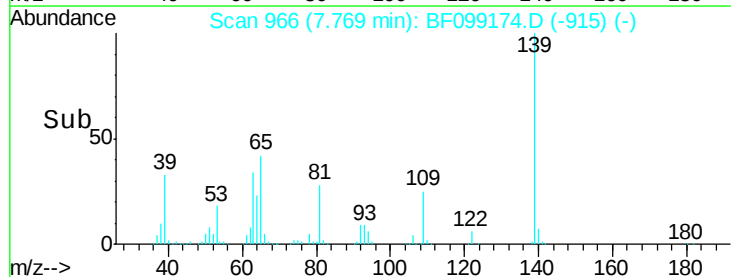
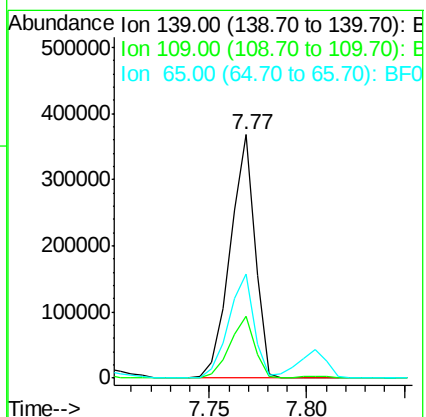
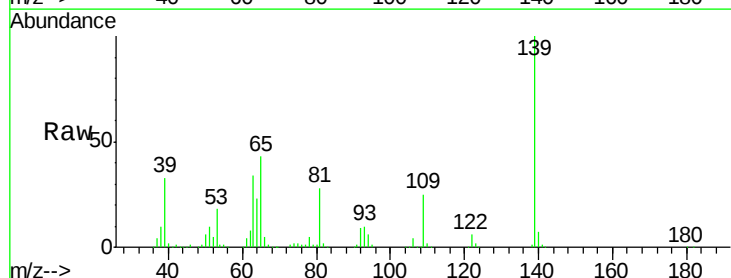
Tgt Ion: 139 Resp: 323838

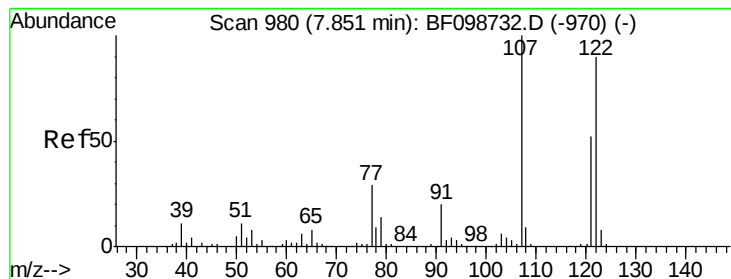
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 43.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.40 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

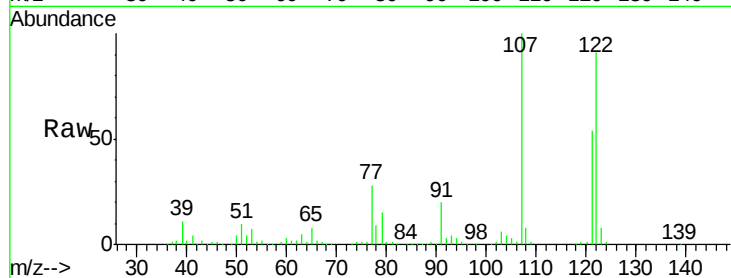
Tot Ion:122 Resp: 525102

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

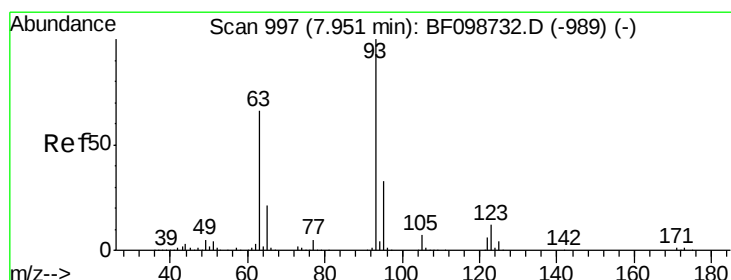
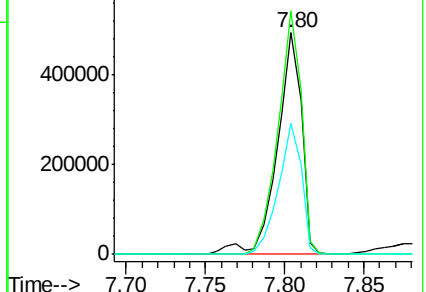
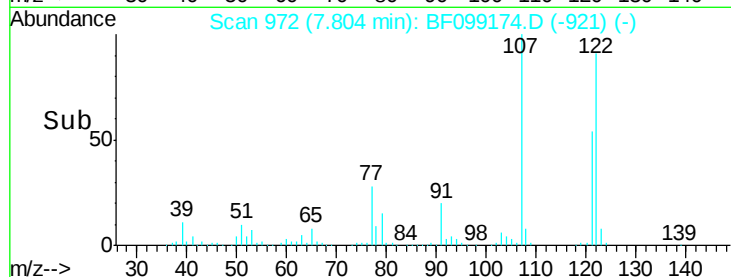
121 59.0 47.2 70.8



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: 39.15 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

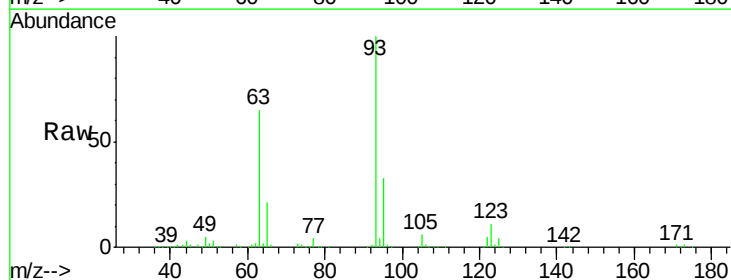
Tgt Ion: 93 Resp: 669622

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

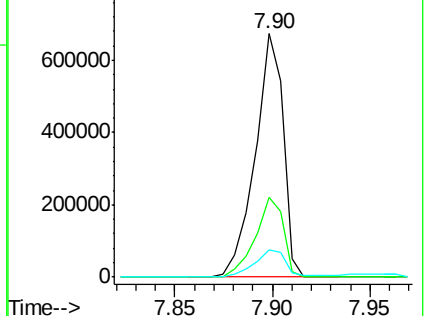
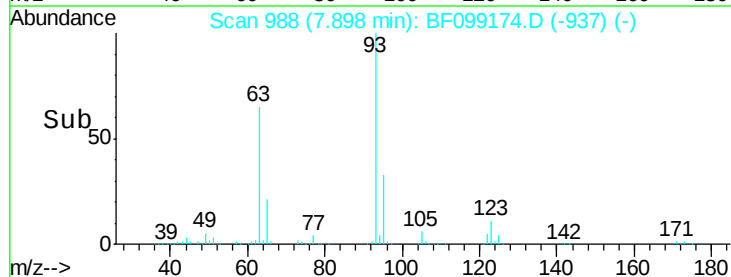
123 11.4 9.8 14.6

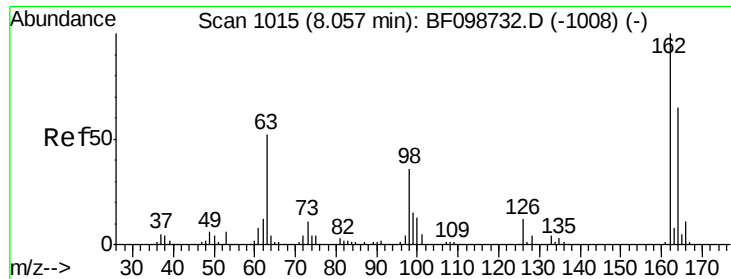


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

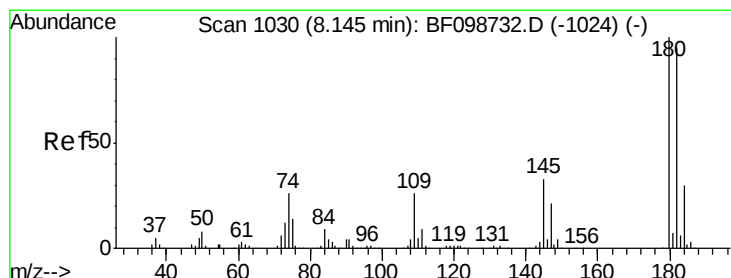
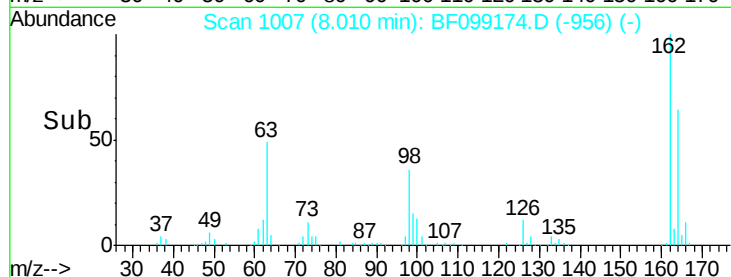
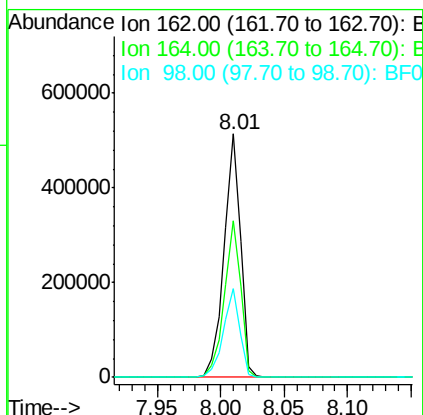
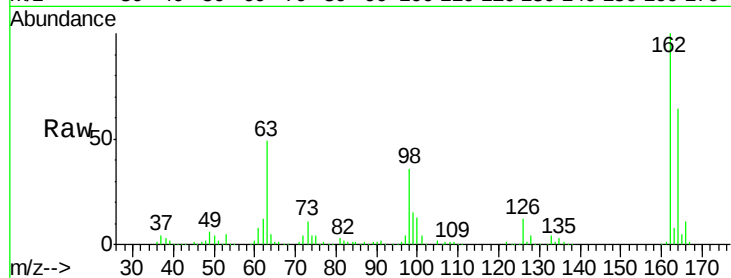




#29
 2,4-Dichlorophenol
 Concen: 39.78 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

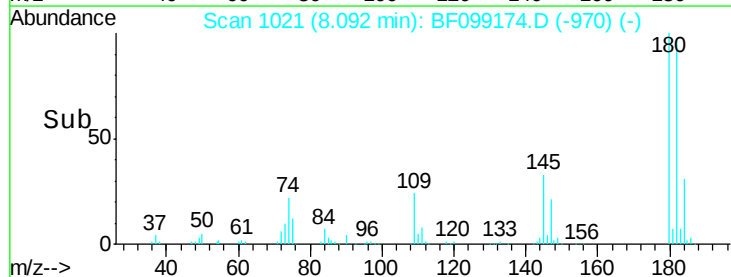
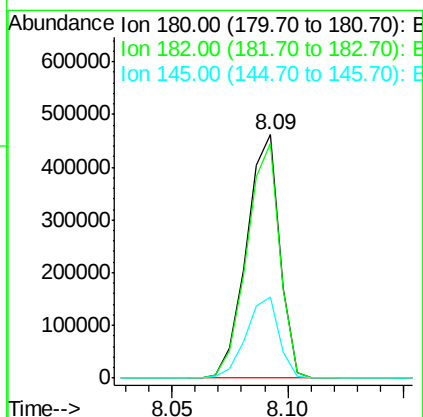
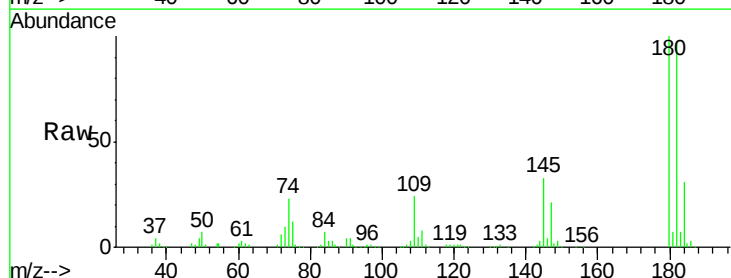
Instrument :
 BNA_F
 ClientSampleId :

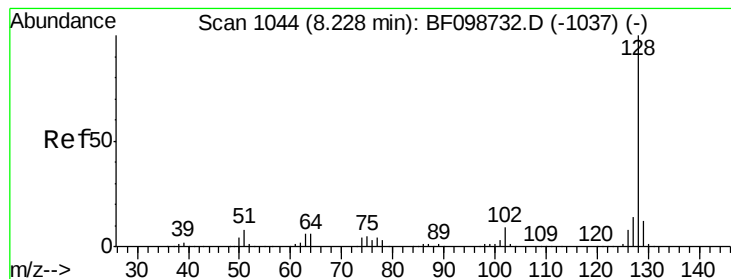
Tot Ion:162 Resp: 467022
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 36.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.51 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:180 Resp: 463973
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.8 115.2
 145 33.1 26.5 39.7





#31

Naphthalene

Concen: 37.19 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampled :

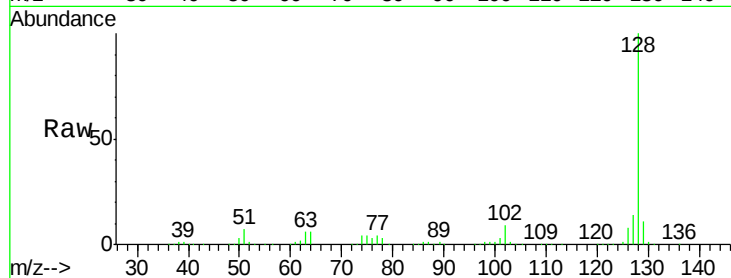
Tot Ion:128 Resp: 1486896

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

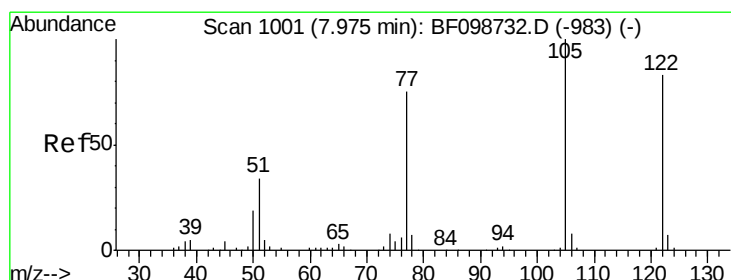
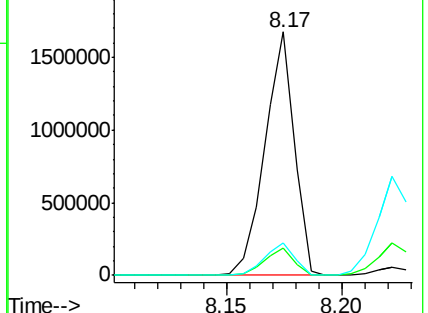
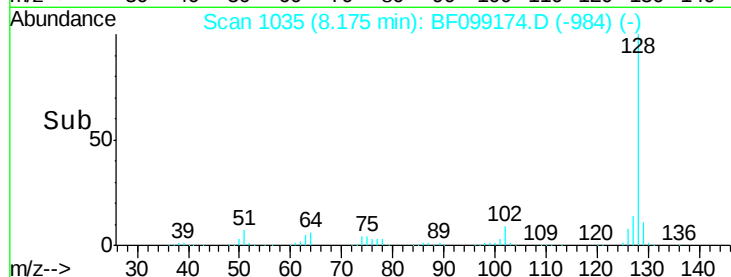
127 13.5 10.9 16.3



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: 32.77 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.02 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

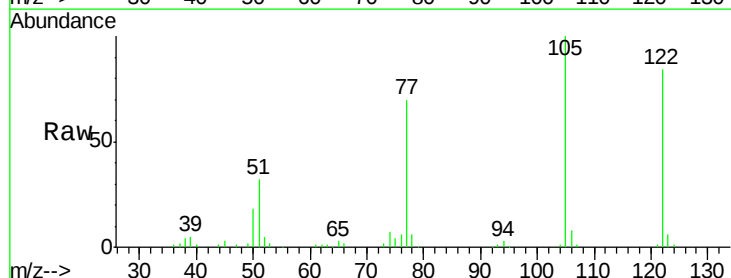
Tgt Ion:122 Resp: 368120

Ion Ratio Lower Upper

122 100

105 118.7 101.1 141.1

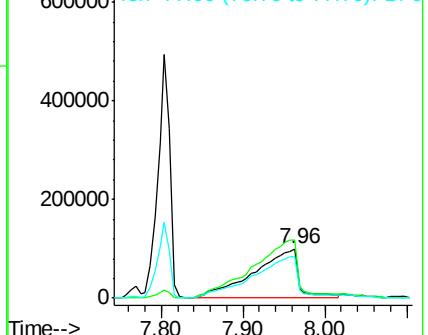
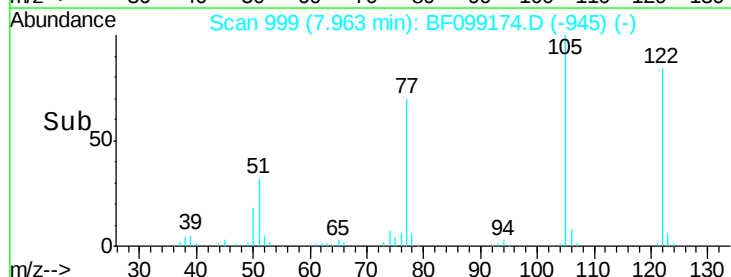
77 83.4 70.7 110.7



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

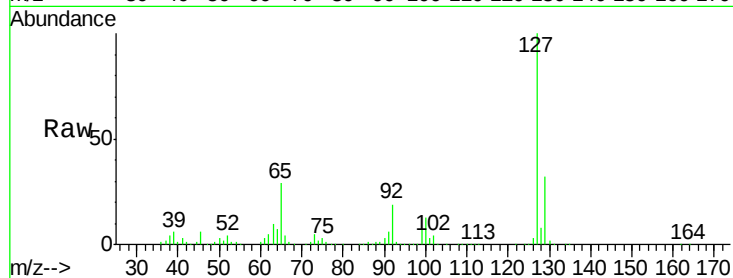




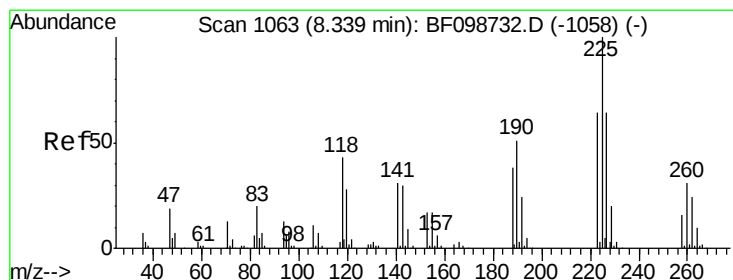
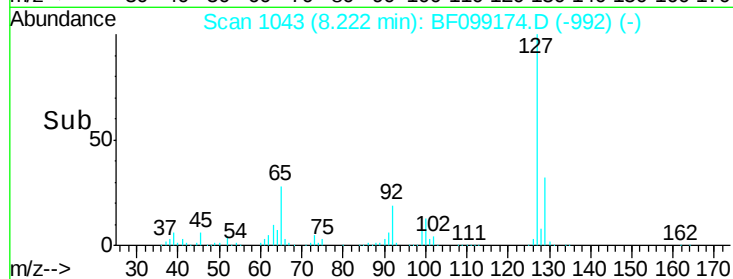
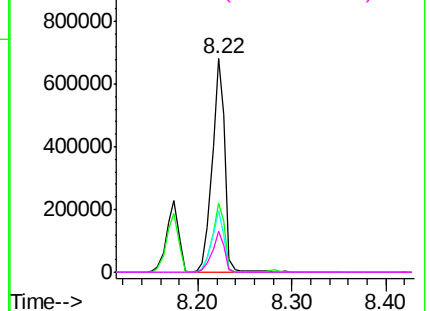
#33
4-Chloroaniline
Concen: 38.89 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	649336
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.6	25.0	37.4
92	19.0	15.2	22.8

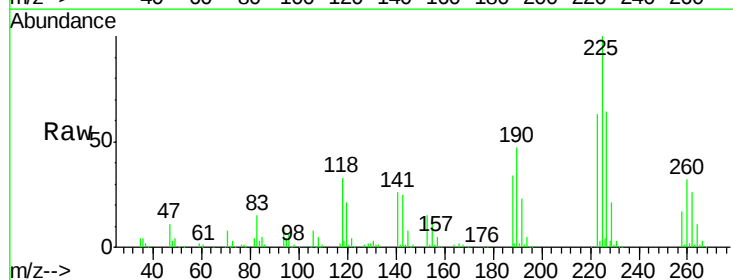


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

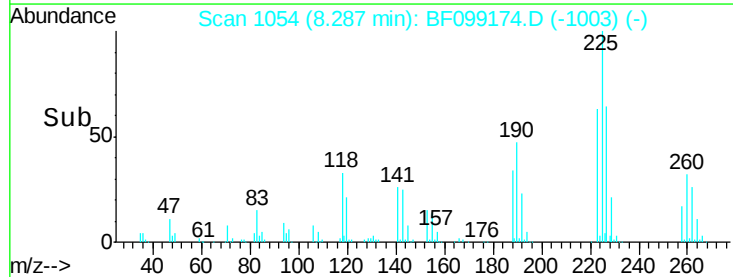
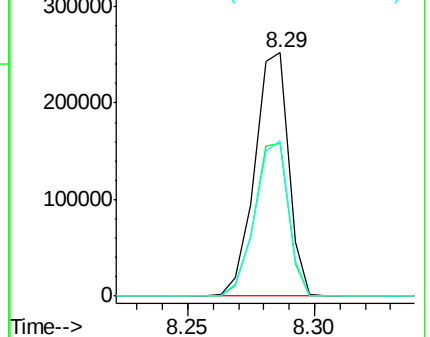


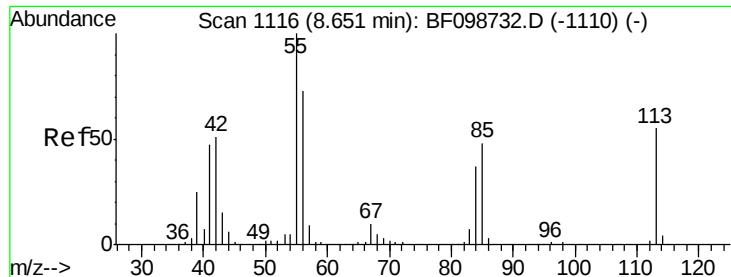
#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:	225	Resp:	235960
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.8	51.9	77.9



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

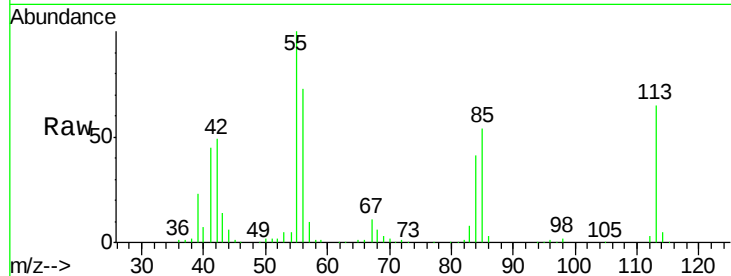




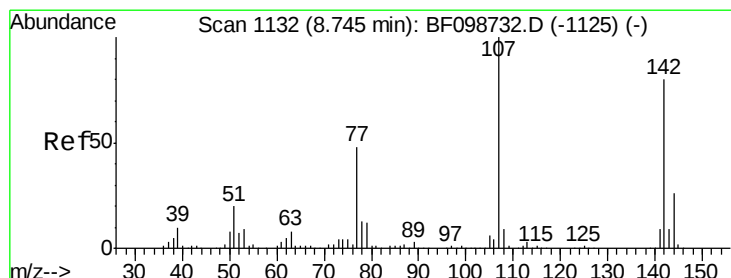
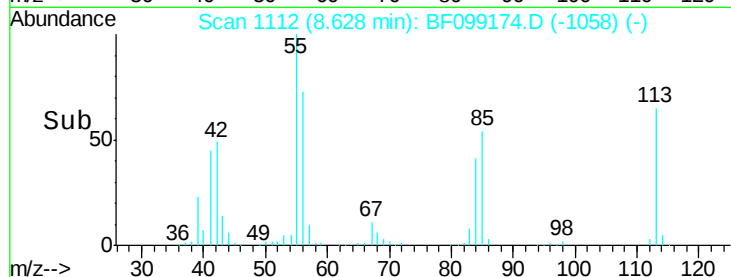
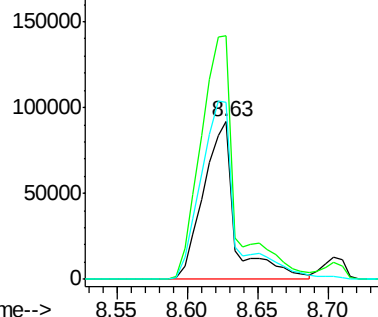
#35
 Caprolactam
 Concen: 38.53 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 145111
 Ion Ratio Lower Upper
 113 100
 55 154.7 163.3 203.3#
 56 112.6 115.7 155.7#

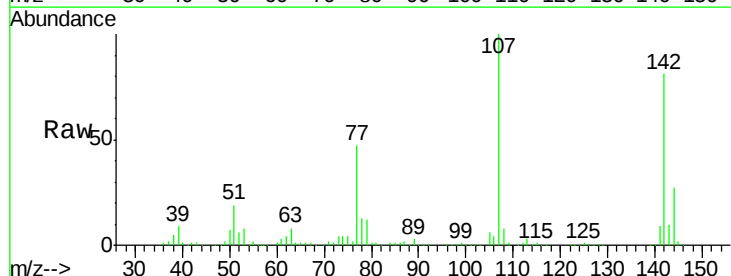


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

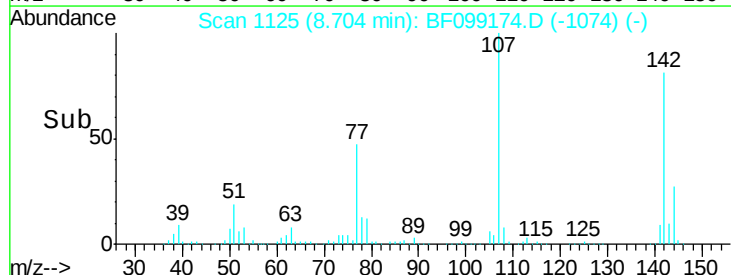
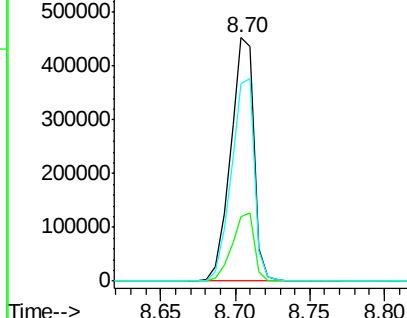


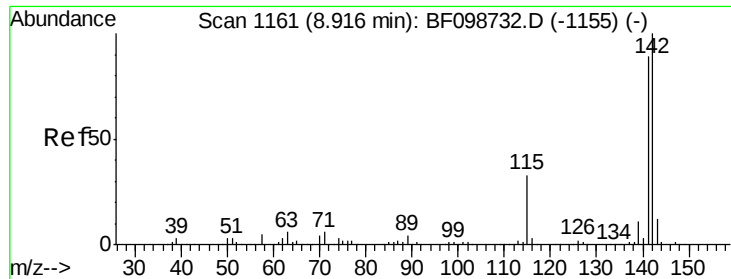
#36
 4-Chloro-3-methylphenol
 Concen: 37.69 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:107 Resp: 497358
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 81.2 62.0 93.0



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

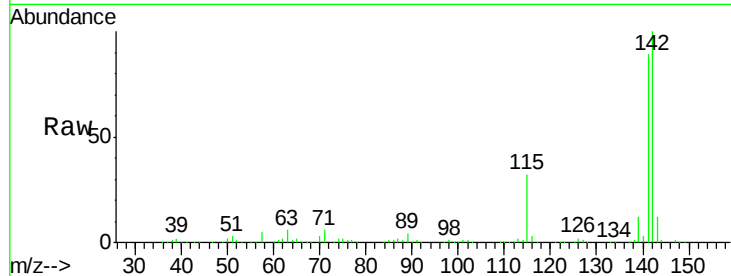




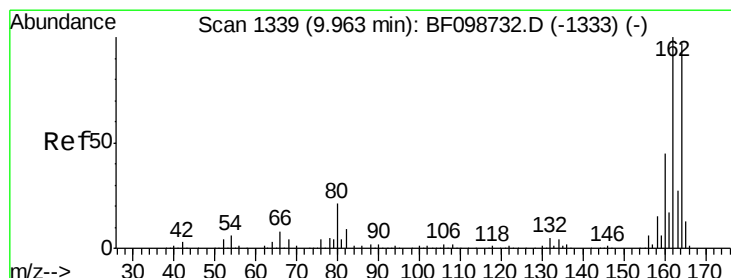
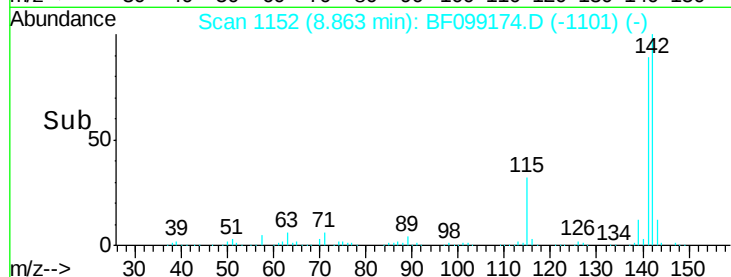
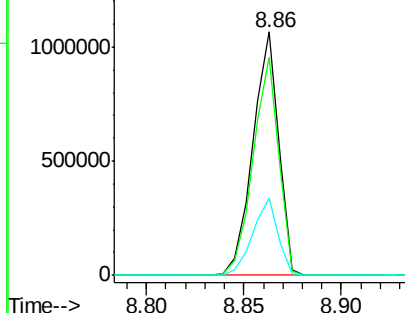
#37
2-Methylnaphthalene
Concen: 37.34 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 970375
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 31.8 26.1 39.1

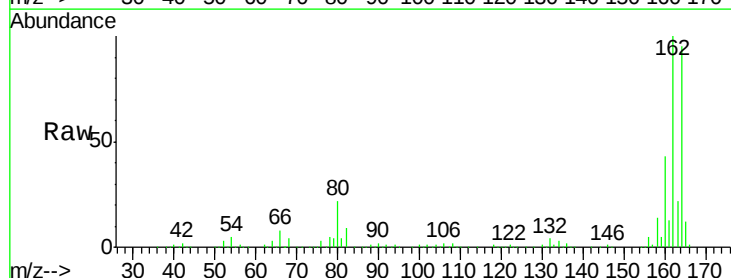


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

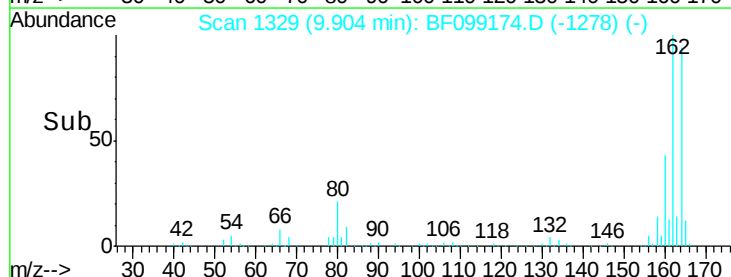
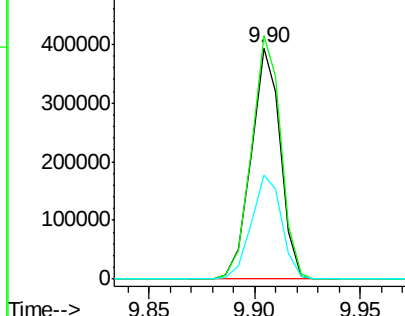


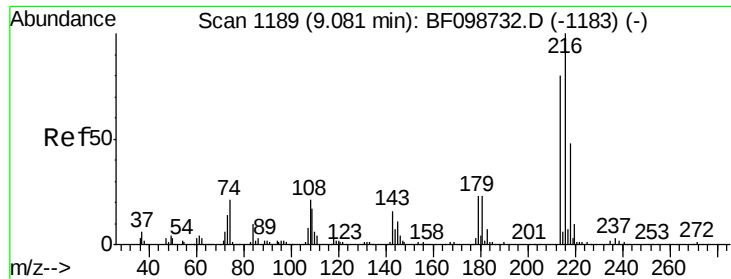
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:164 Resp: 375715
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 45.2 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: 39.99 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 448049

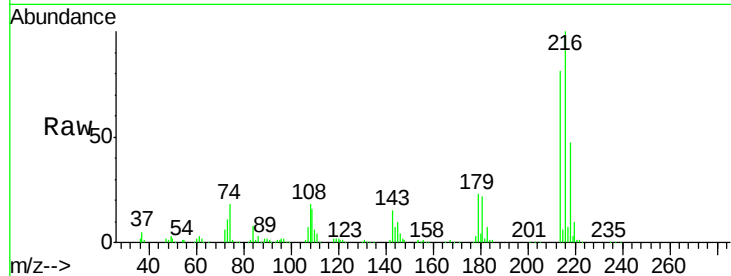
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 22.8 18.1 27.1

108 19.5 17.2 25.8

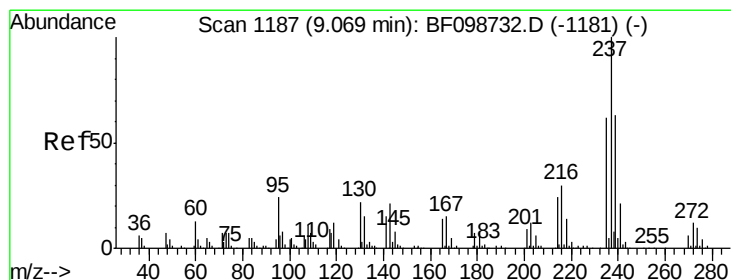
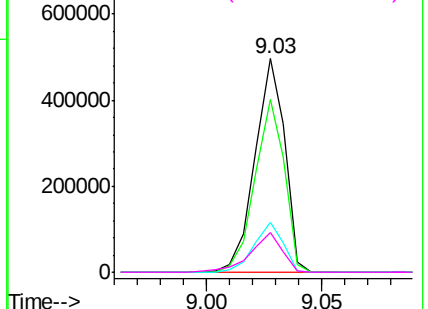
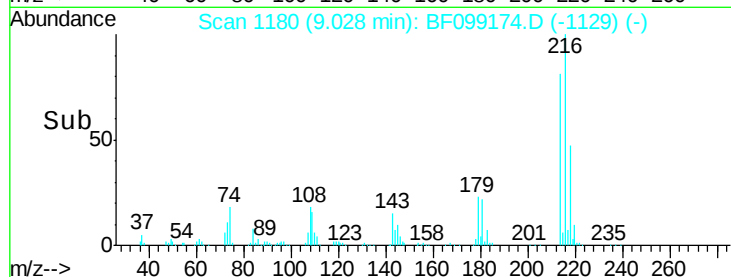


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.76 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

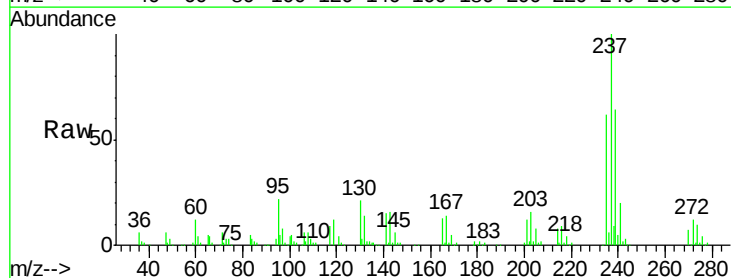
Tgt Ion:237 Resp: 172859

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

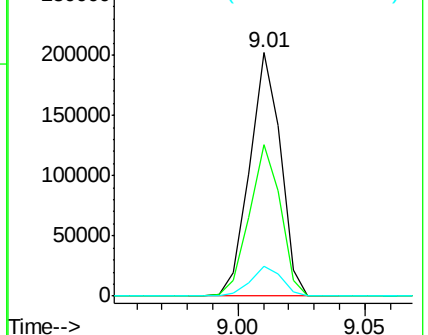
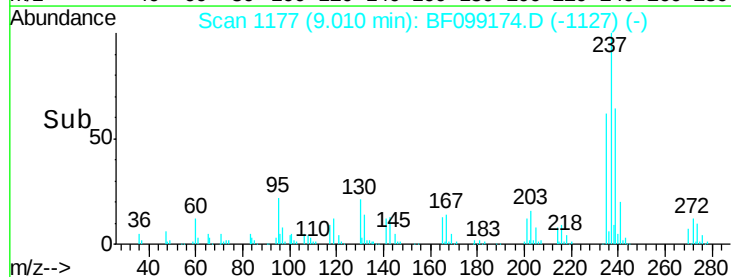
272 12.3 0.0 33.3

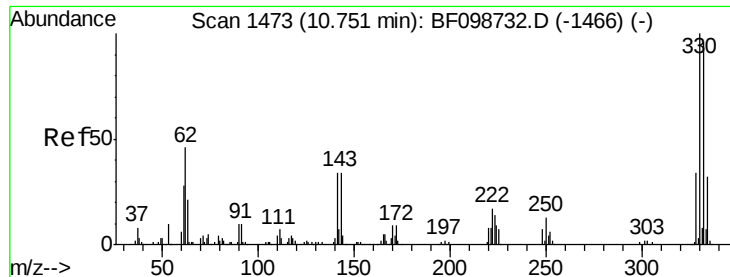


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

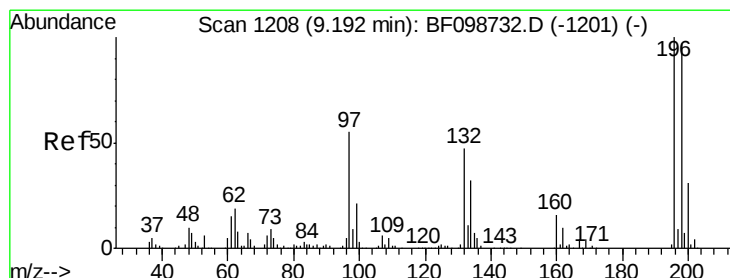
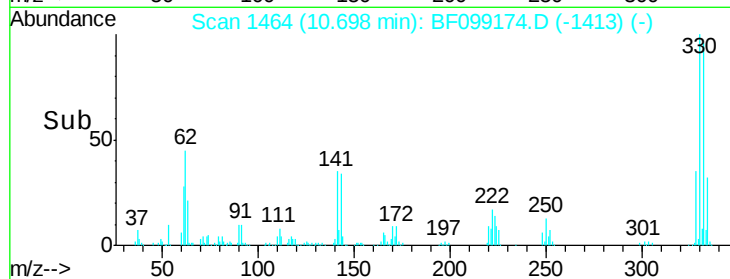
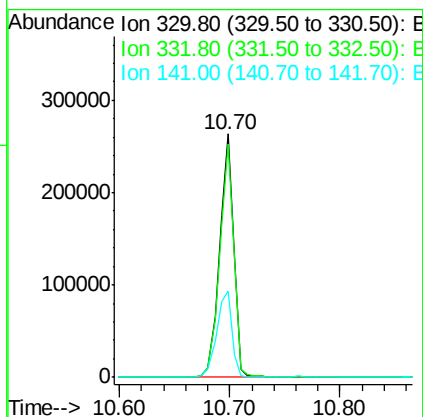
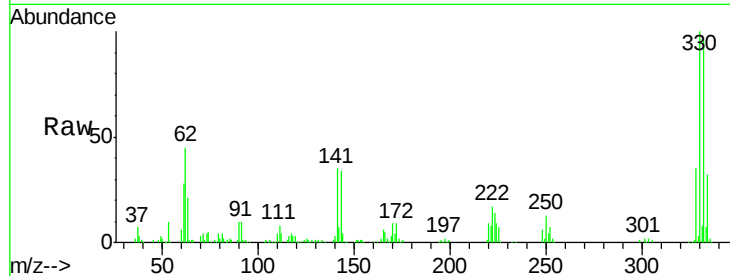




#41
 2,4,6-Tribromophenol
 Concen: 76.43 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

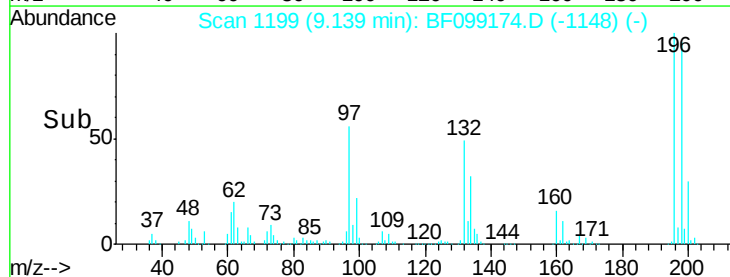
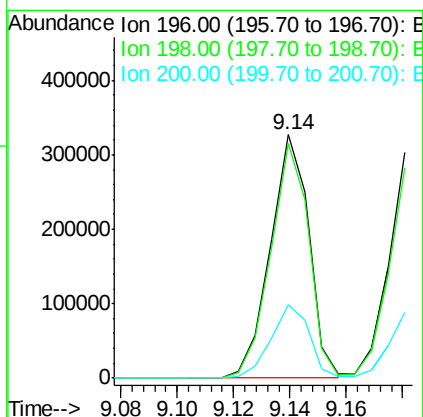
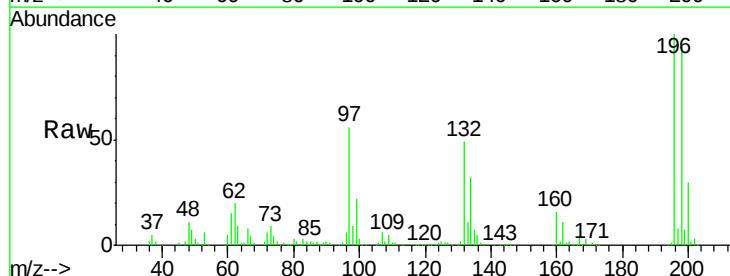
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 234974
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:196 Resp: 309299
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 30.1 24.5 36.7

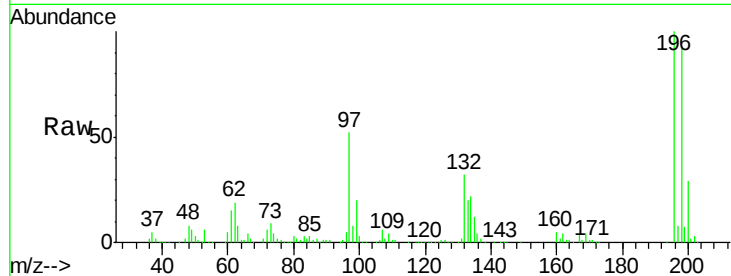




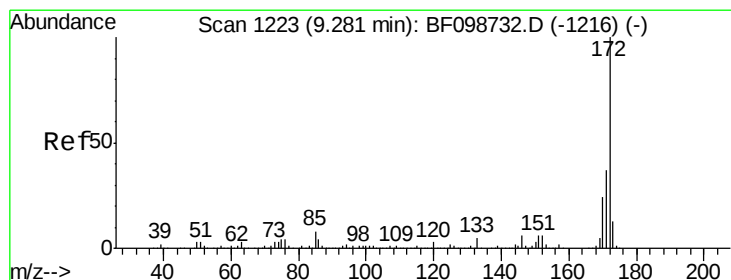
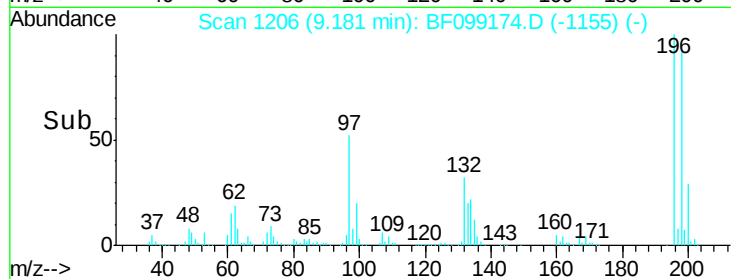
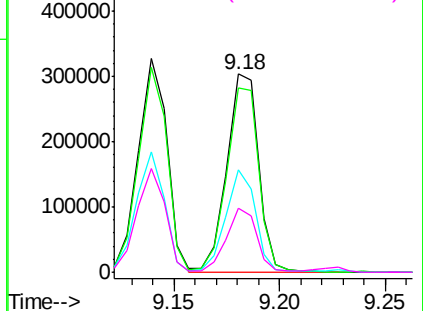
#43
 2,4,5-Trichlorophenol
 Concen: 39.66 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 314261
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 51.8 42.9 64.3
 132 32.2 26.3 39.5

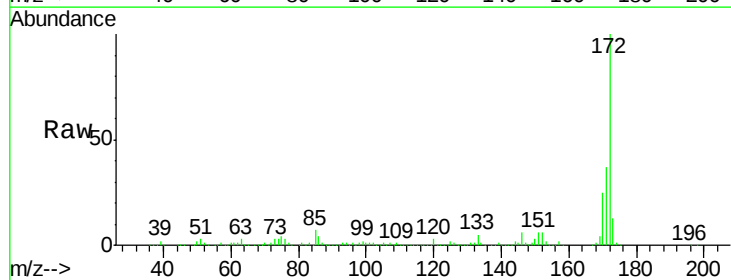


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

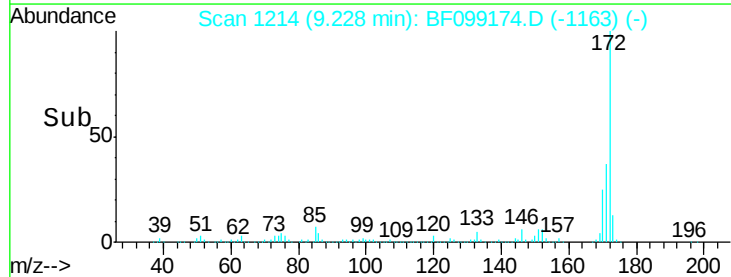
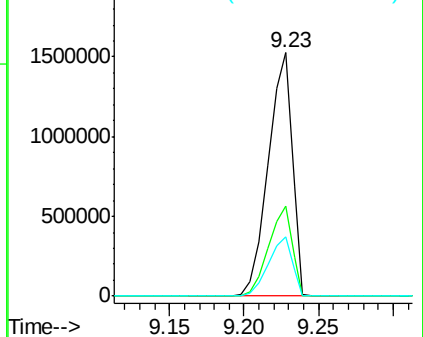


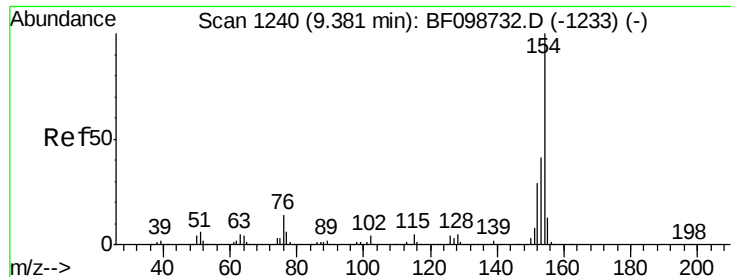
#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:172 Resp: 1691592
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.6 19.6 29.4



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

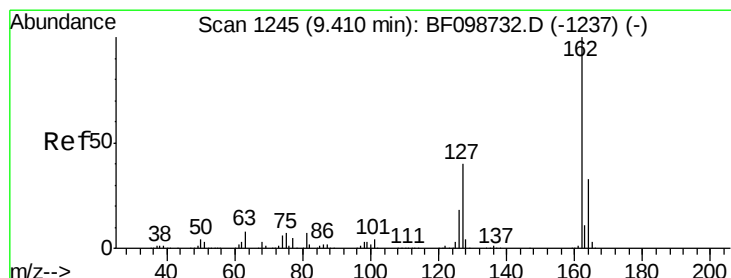
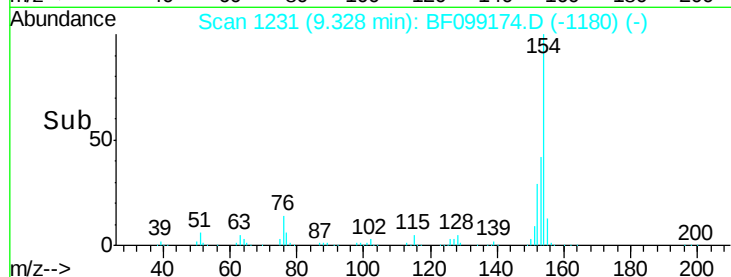
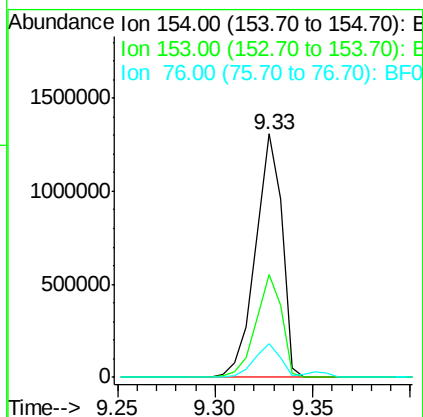
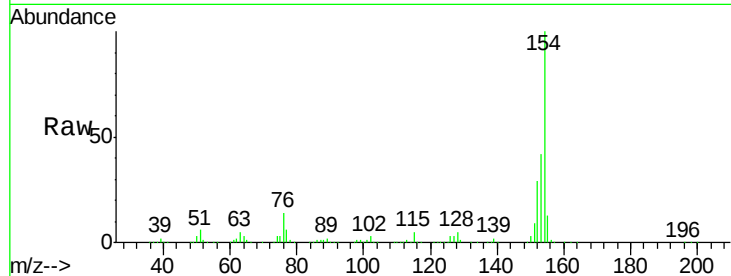




#45
1,1'-Biphenyl
Concen: 37.95 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

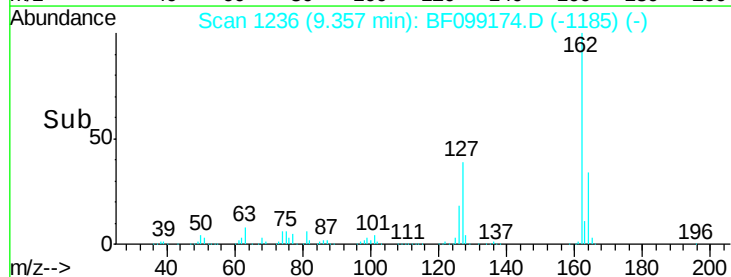
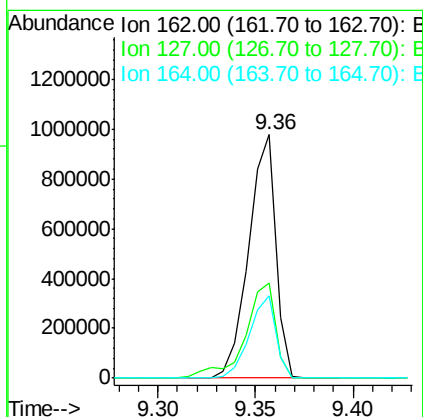
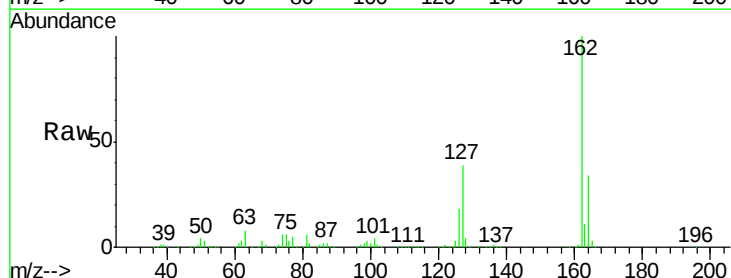
Instrument :
BNA_F
ClientSampleId :

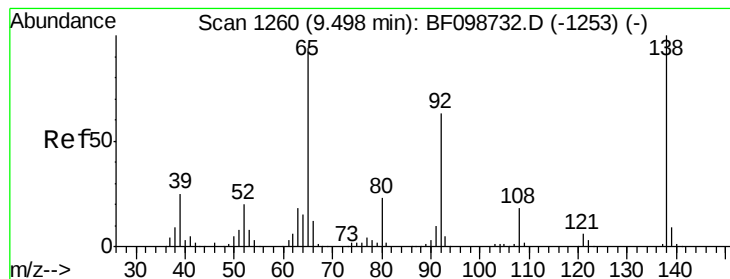
Tot Ion:154 Resp: 1225385
Ion Ratio Lower Upper
154 100
153 42.2 21.3 61.3
76 13.7 0.0 34.0



#46
2-Chloronaphthalene
Concen: 38.86 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:162 Resp: 942043
Ion Ratio Lower Upper
162 100
127 39.0 33.9 50.9
164 33.6 26.5 39.7





#47

2-Nitroaniline

Concen: 38.23 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

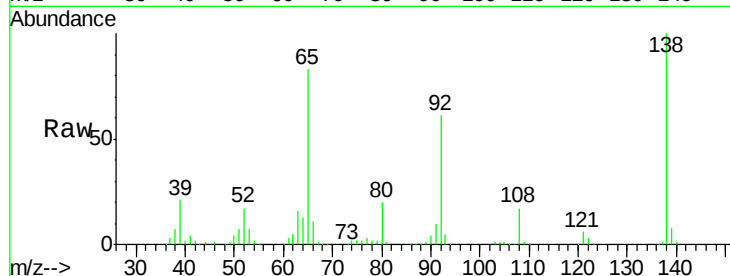
Tot Ion: 65 Resp: 283807

Ion Ratio Lower Upper

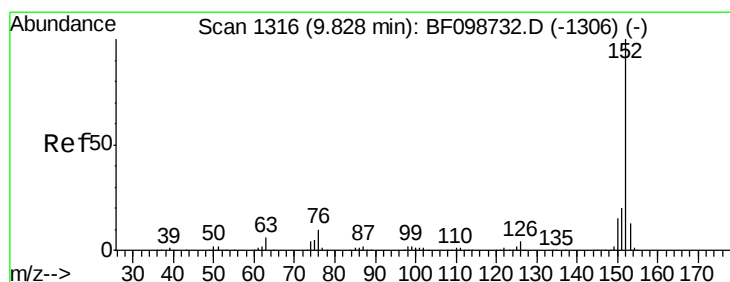
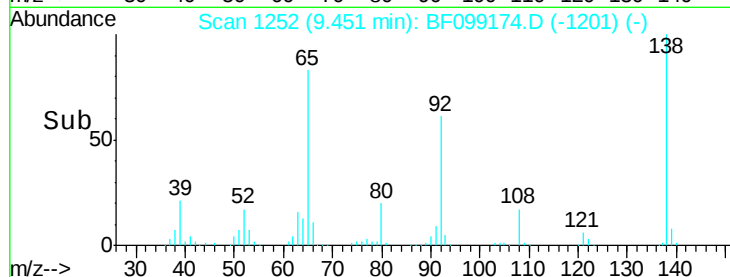
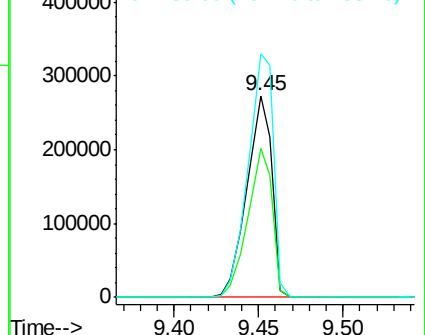
65 100

92 73.9 55.8 83.6

138 120.8 91.2 136.8



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



#48

Acenaphthylene

Concen: 37.66 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

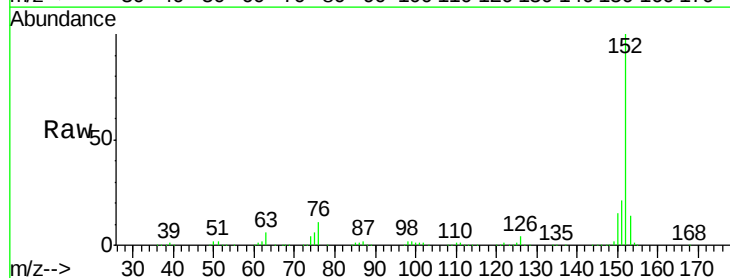
Tgt Ion:152 Resp: 1397651

Ion Ratio Lower Upper

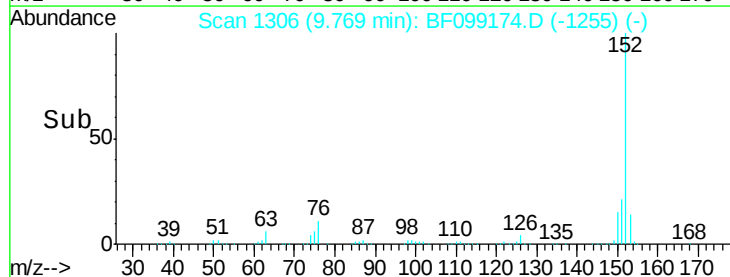
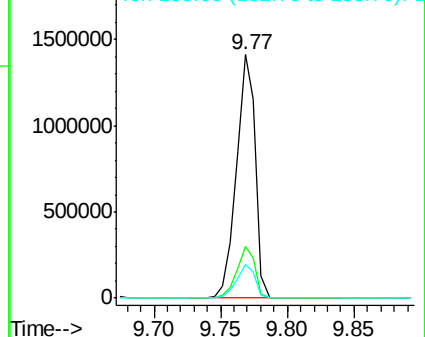
152 100

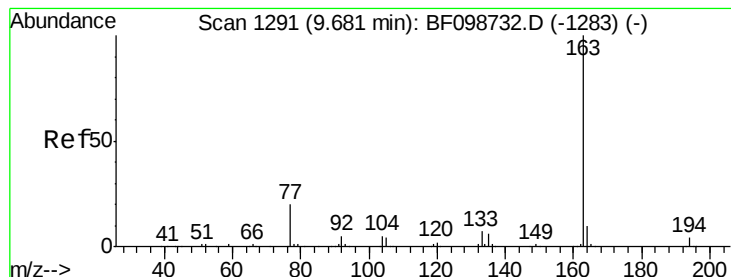
151 21.1 16.3 24.5

153 13.6 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: 40.59 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

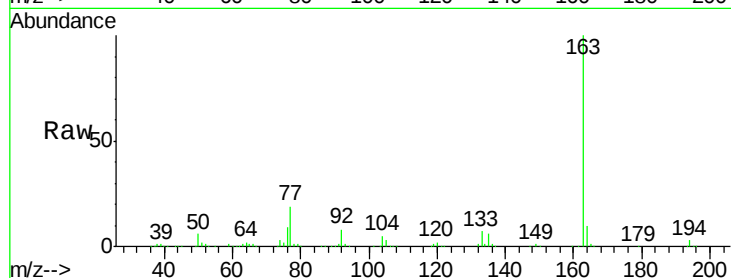
Tot Ion:163 Resp: 1150892

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

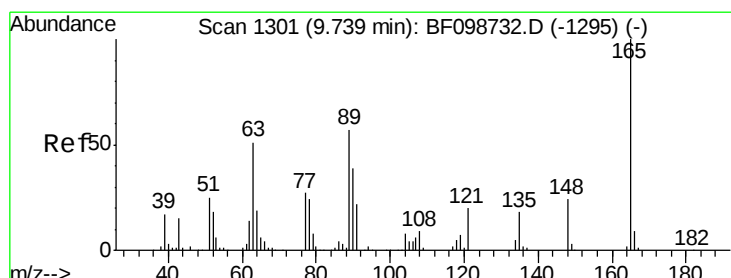
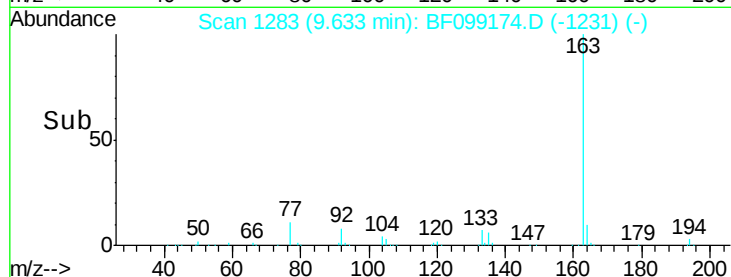
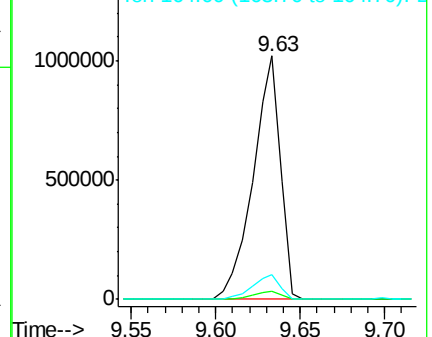
164 10.3 8.2 12.2



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: 41.18 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

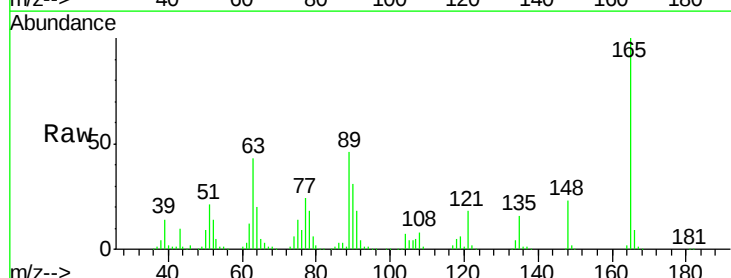
Tgt Ion:165 Resp: 254240

Ion Ratio Lower Upper

165 100

63 43.0 44.7 67.1#

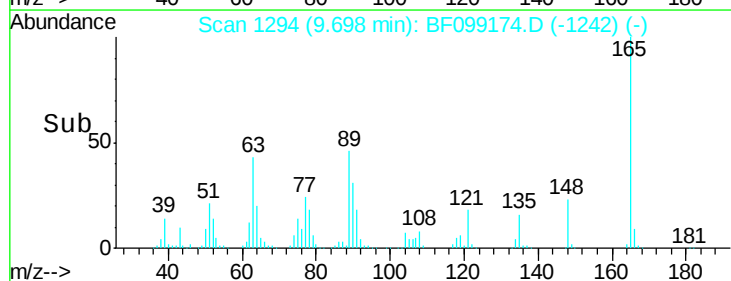
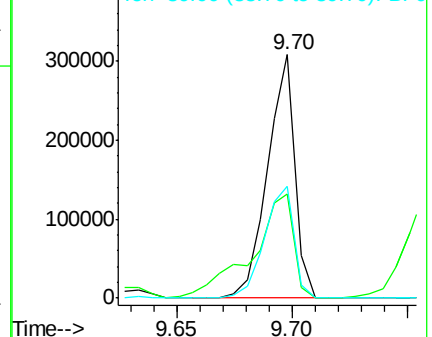
89 45.9 44.0 66.0

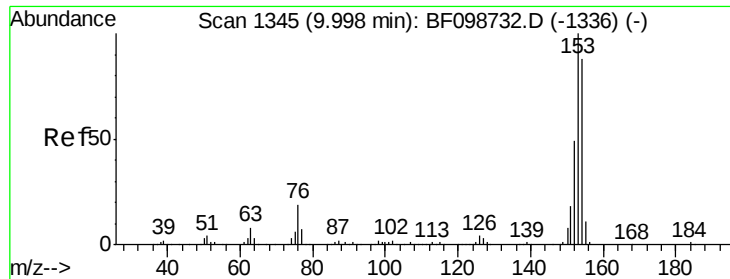


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.13 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

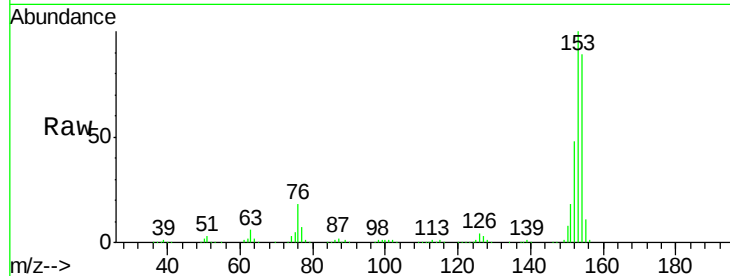
Tot Ion:154 Resp: 825908

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

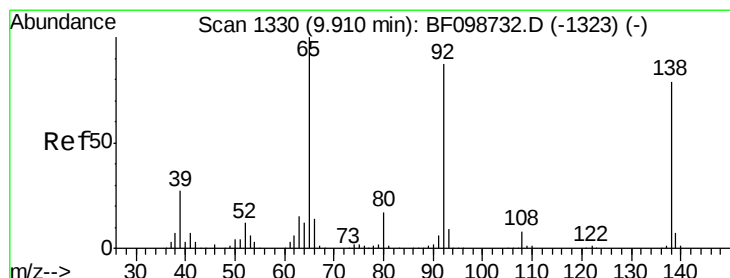
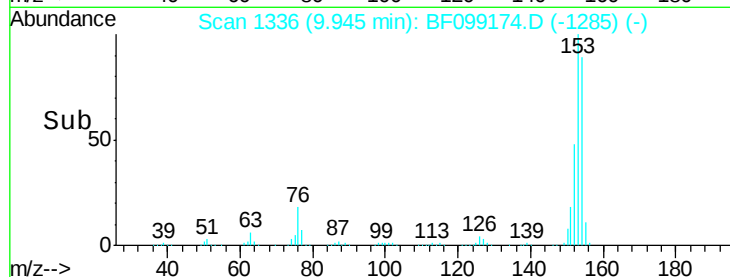
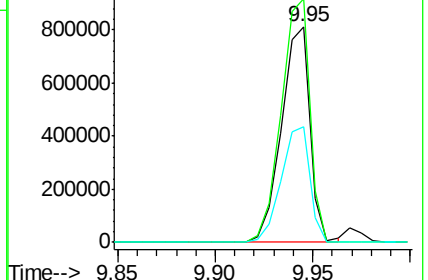
152 53.8 43.8 65.8



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: 39.14 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

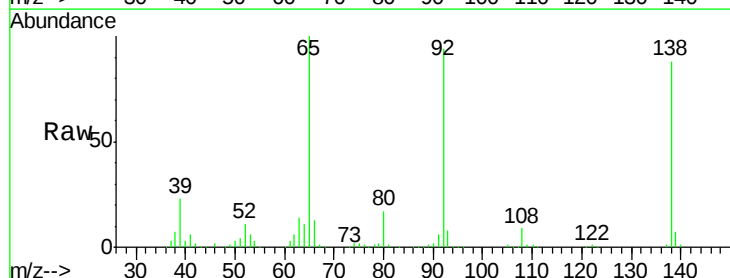
Tgt Ion:138 Resp: 281764

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

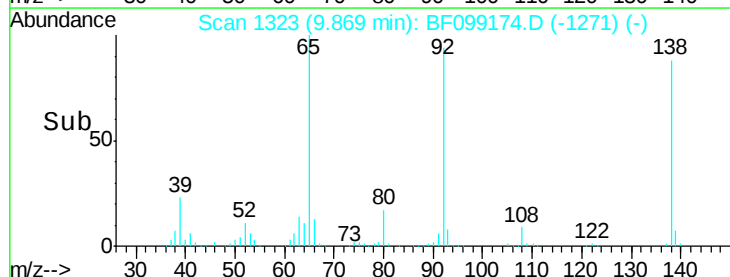
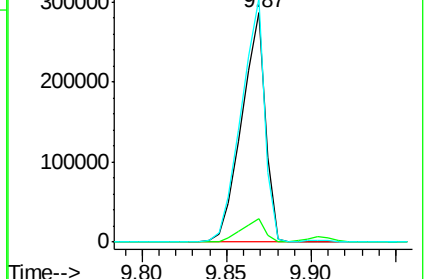
92 106.2 89.4 134.2

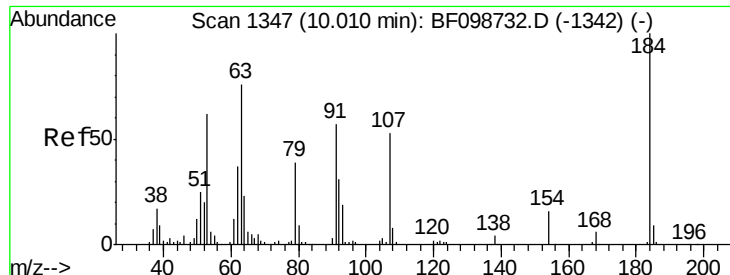


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

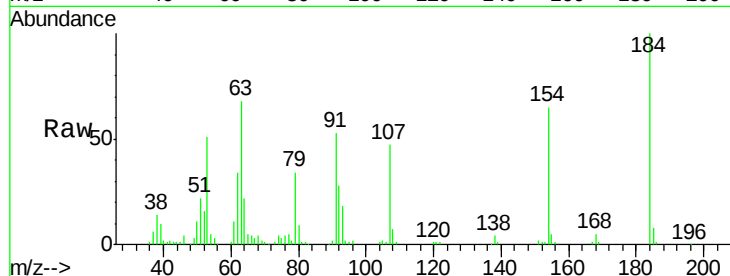




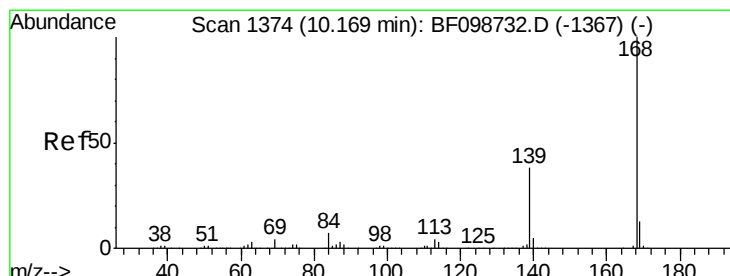
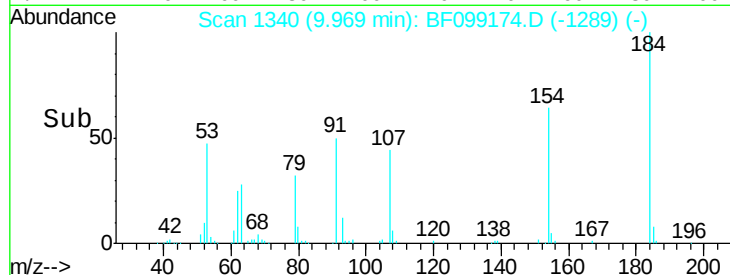
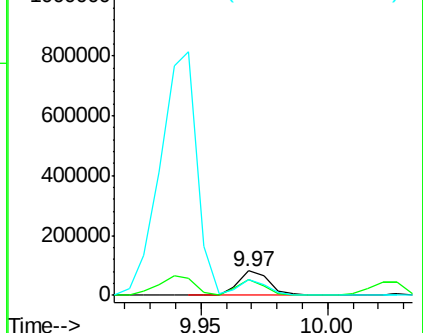
#53
 2,4-Dinitrophenol
 Concen: 26.27 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.8	54.2	81.2
154	64.9	53.5	80.3

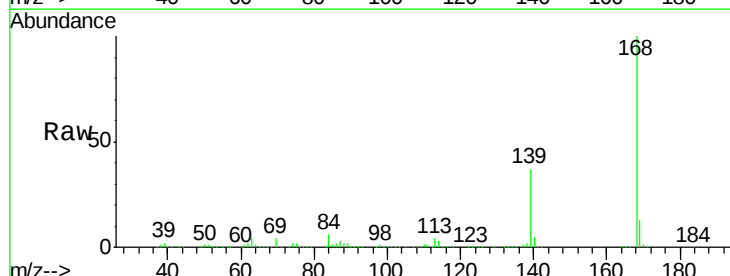


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

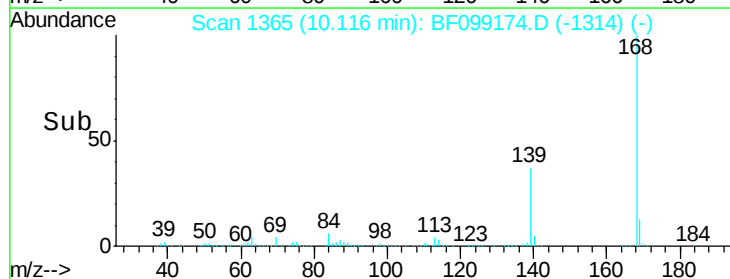
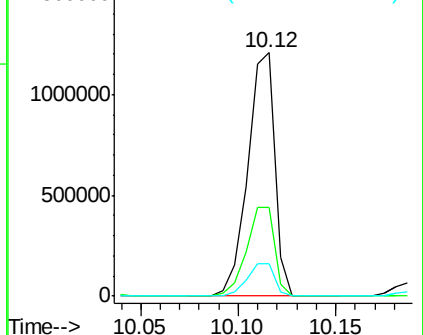


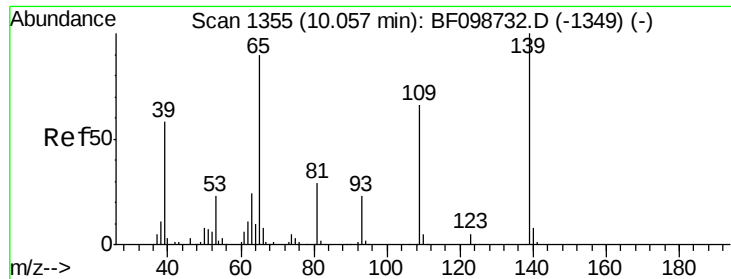
#54
 Dibenzofuran
 Concen: 37.07 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.1	10.9	16.3



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

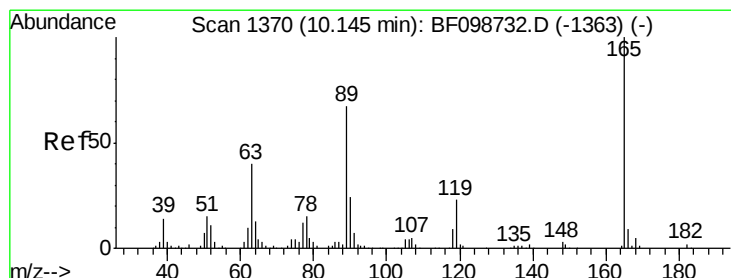
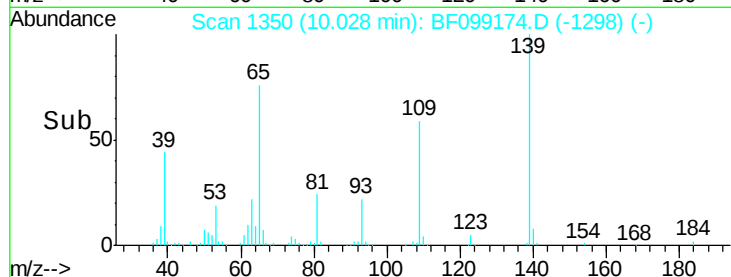
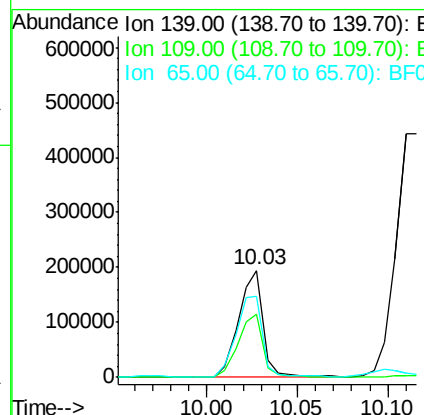
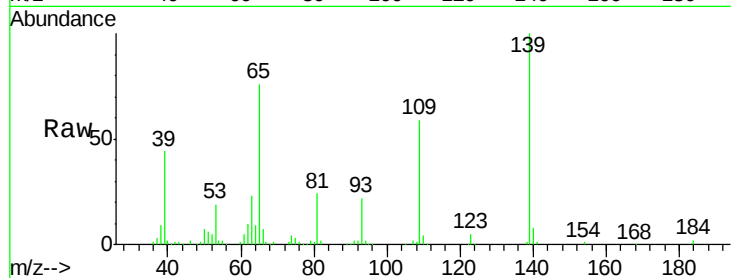




#55
4-Nitrophenol
Concen: 30.01 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

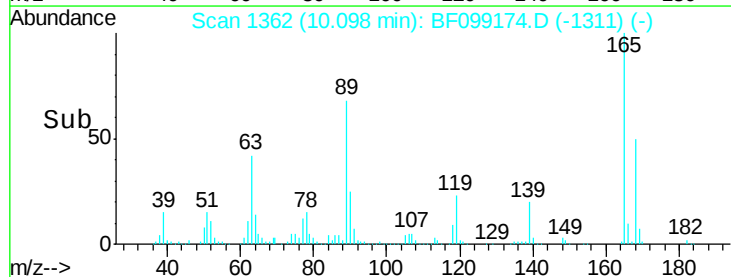
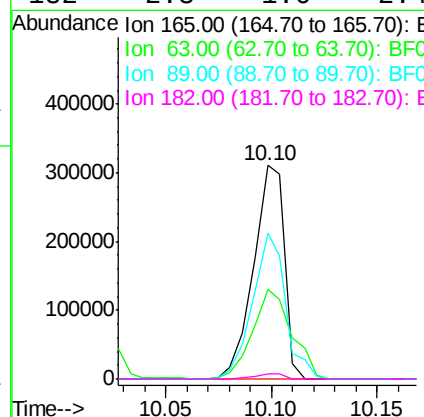
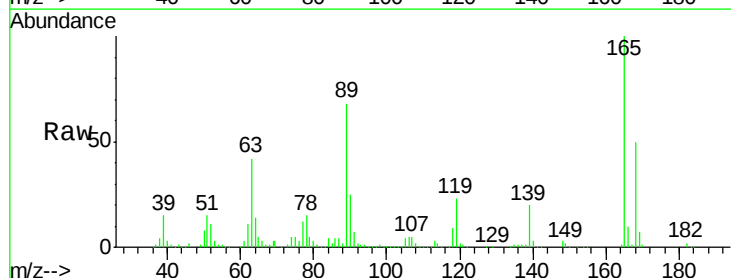
Instrument :
BNA_F
ClientSampled :

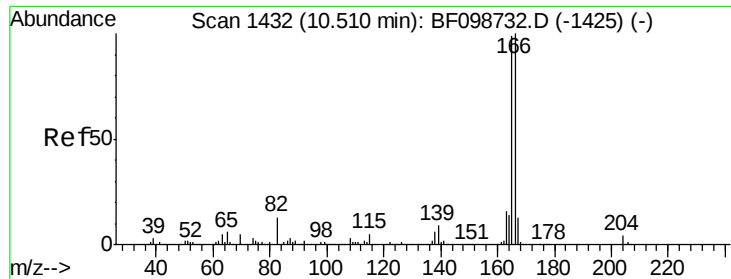
Tot Ion	Ratio	Lower	Upper
139	100		
109	58.9	48.4	88.4
65	76.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 39.43 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.4	54.6
89	68.2	57.8	86.6
182	2.3	1.6	2.4

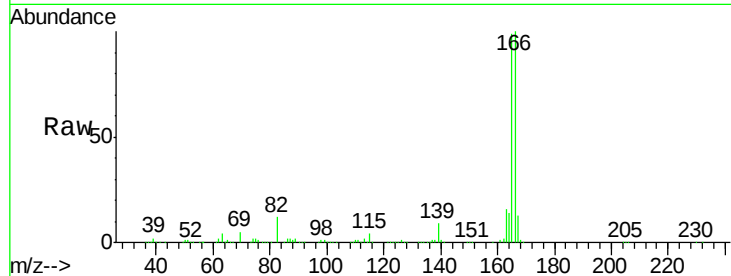




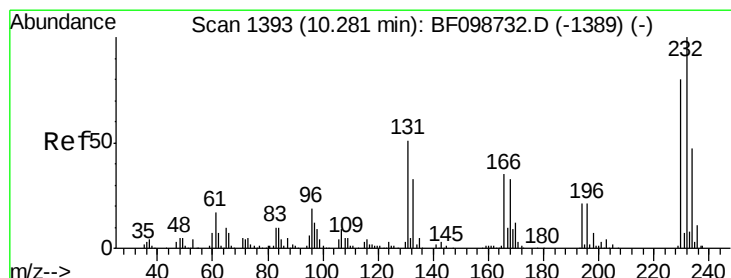
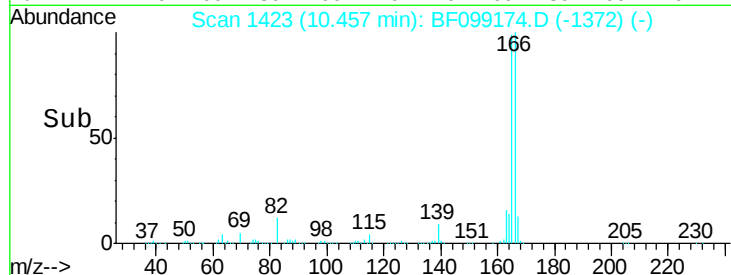
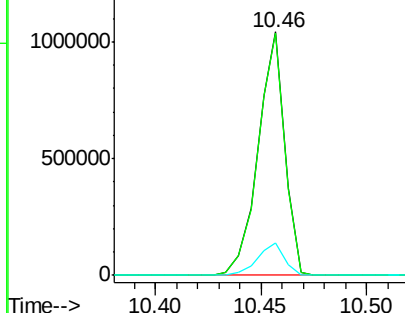
#57
Fluorene
 Concen: 36.33 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 914055
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.2 10.6 16.0

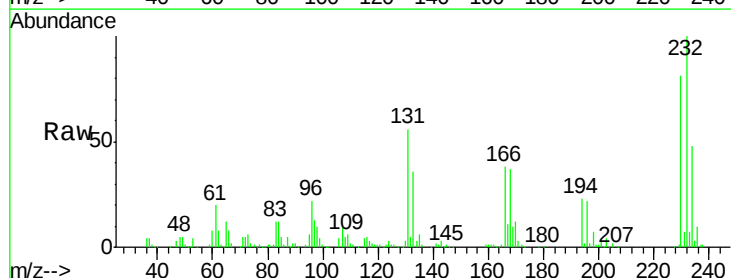


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

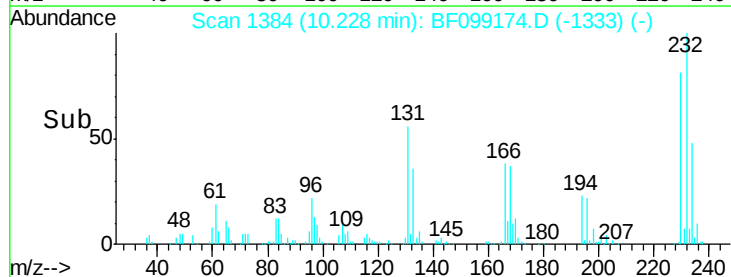
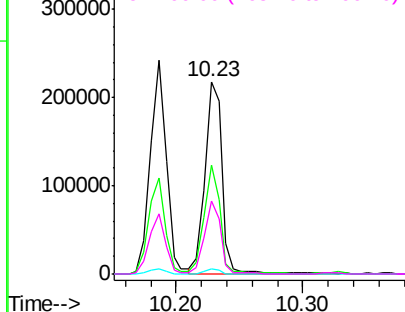


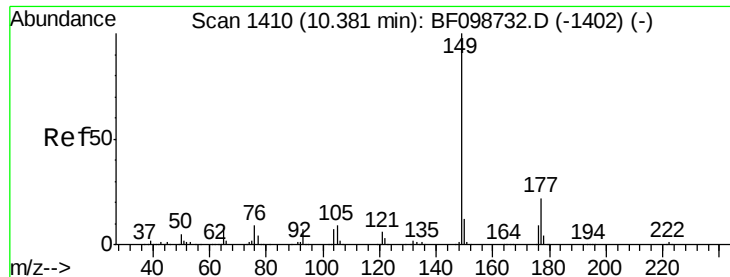
#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.48 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:232 Resp: 205173
 Ion Ratio Lower Upper
 232 100
 131 52.5 43.8 65.8
 130 2.5 2.1 3.1
 166 35.6 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

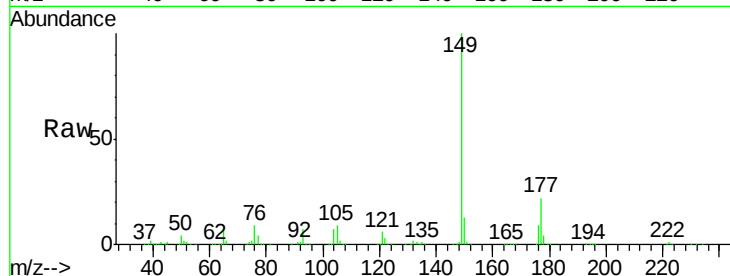




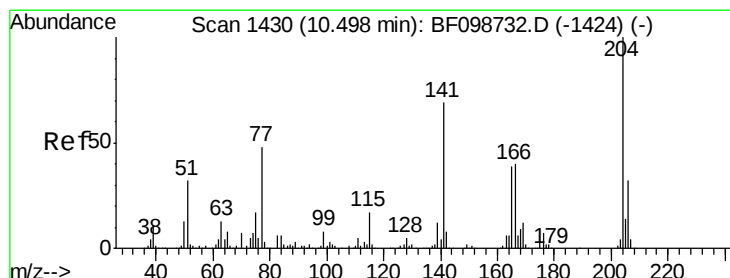
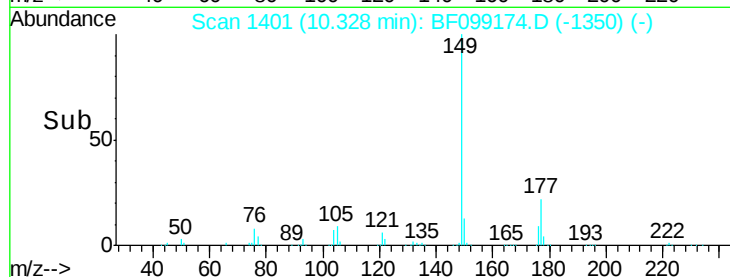
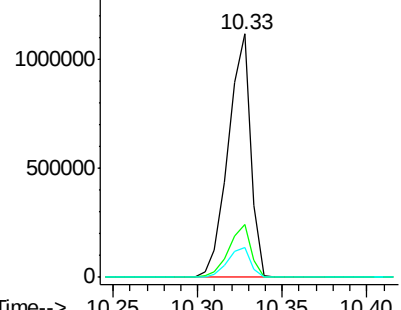
#59
Diethylphthalate
Concen: 37.55 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1040425
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.5 10.1 15.1

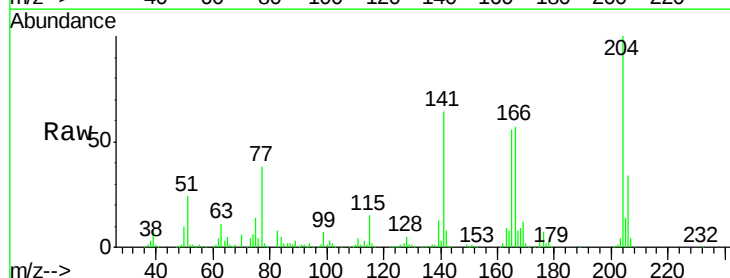


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

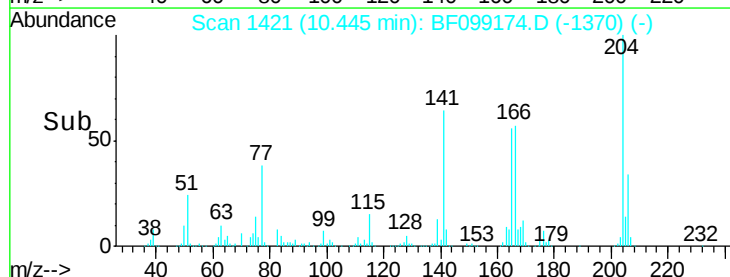
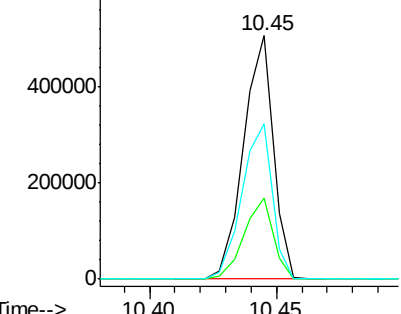


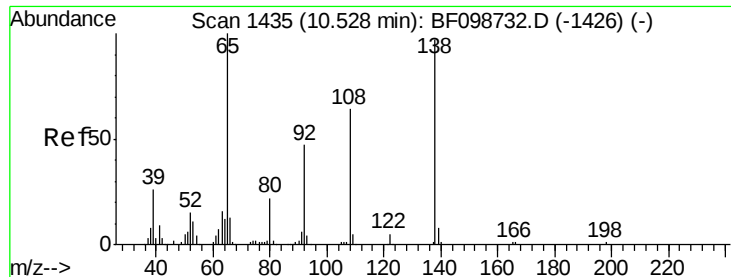
#60
4-Chlorophenyl-phenylether
Concen: 36.89 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:204 Resp: 416877
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 63.6 54.6 81.8



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

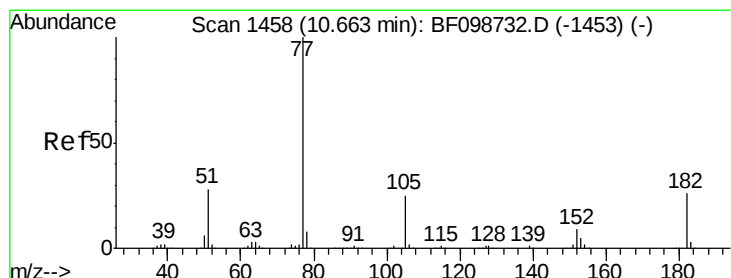
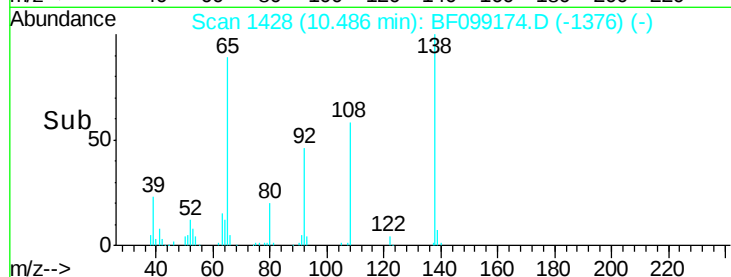
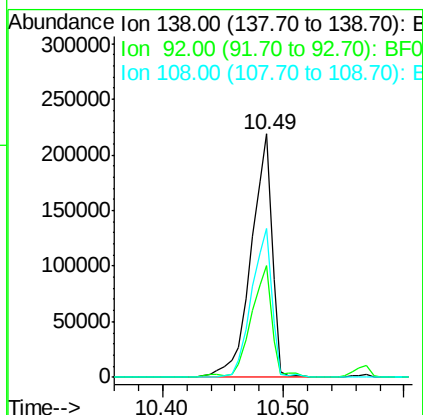
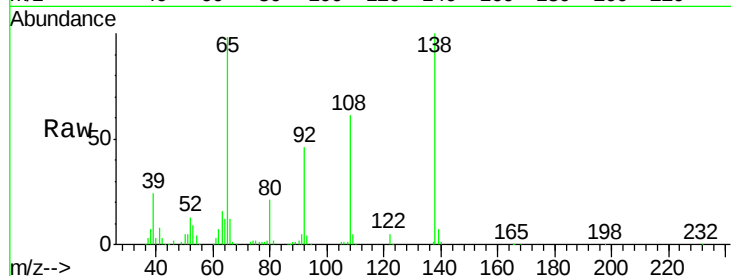




#61
4-Nitroaniline
Concen: 38.33 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

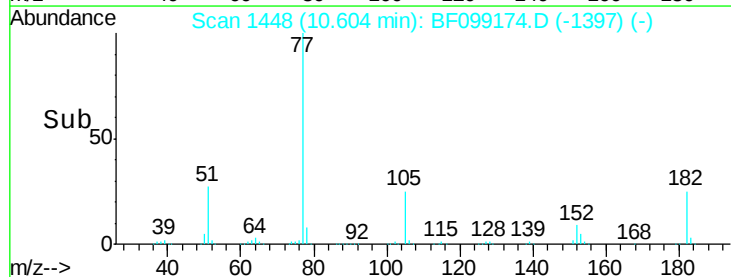
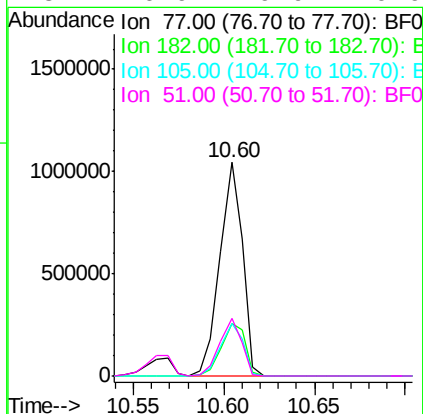
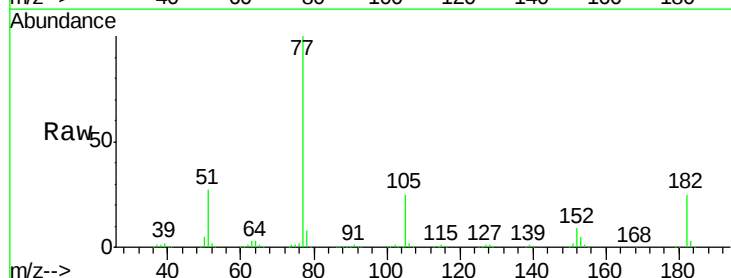
Instrument :
BNA_F
ClientSampled :

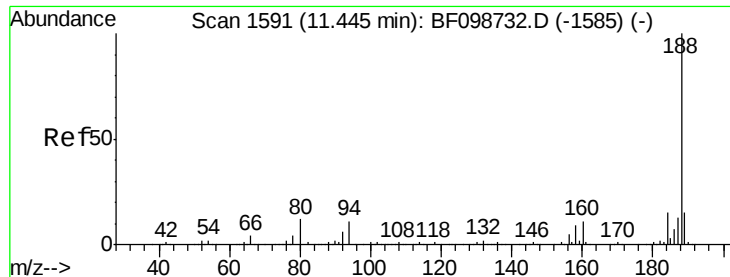
Tot Ion:138 Resp: 266171
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 61.1 52.5 92.5



#62
Azobenzene
Concen: 35.71 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion: 77 Resp: 909687
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 24.9 3.0 43.0
51 26.9 9.9 49.9

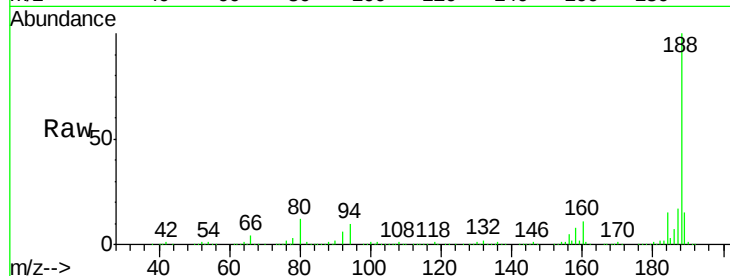




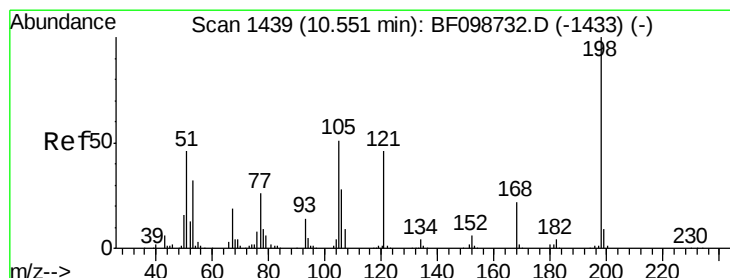
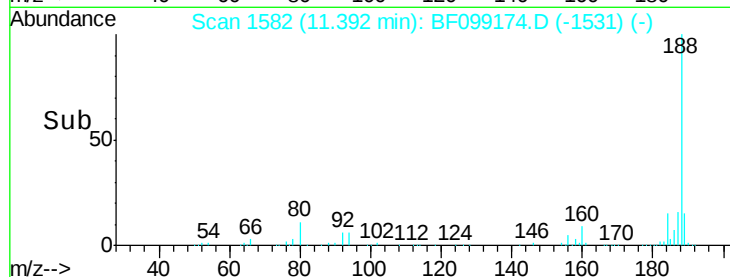
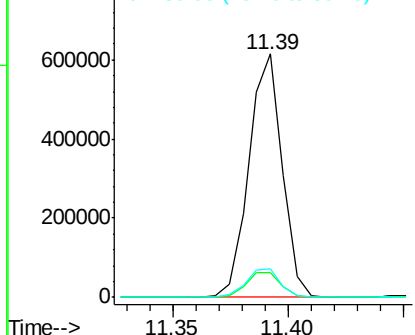
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 616637
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.7 9.2 13.8

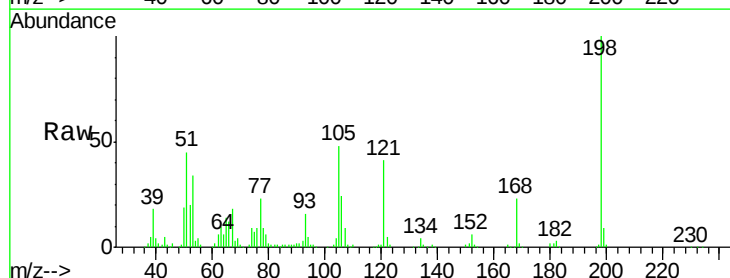


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

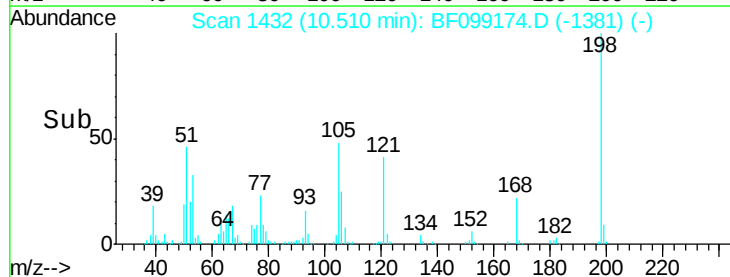
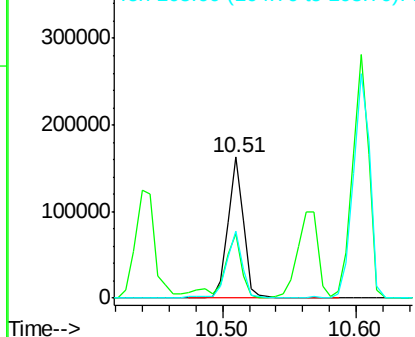


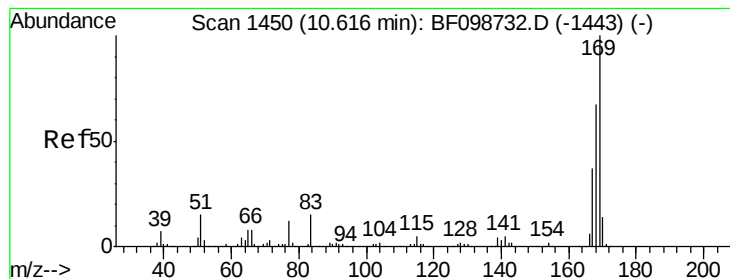
#64
4,6-Dinitro-2-methylphenol
Concen: 35.95 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:198 Resp: 134868
Ion Ratio Lower Upper
198 100
51 45.5 37.7 77.7
105 47.7 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 39.63 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

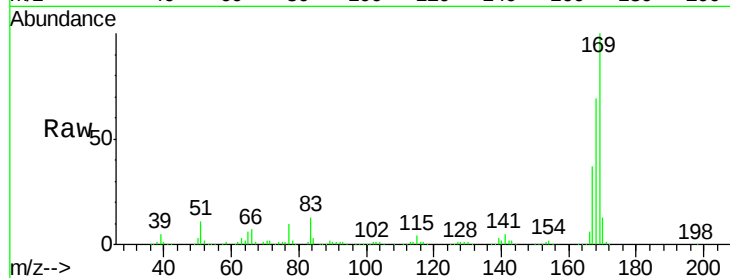
Tot Ion:169 Resp: 846536

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

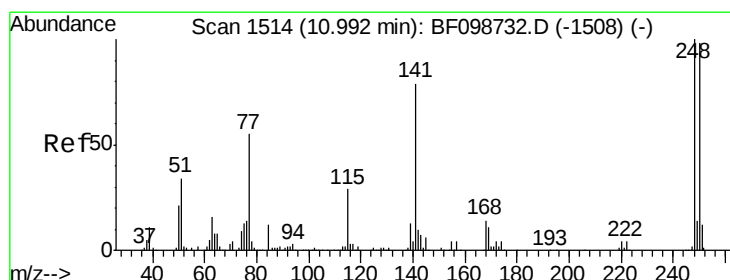
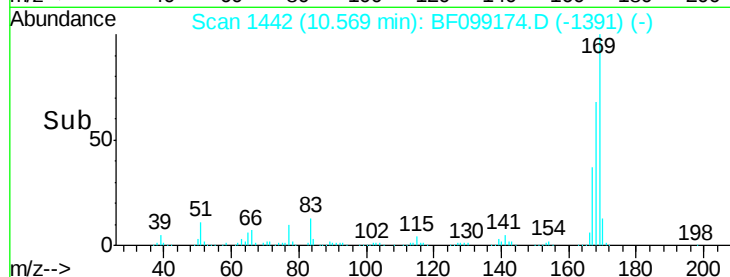
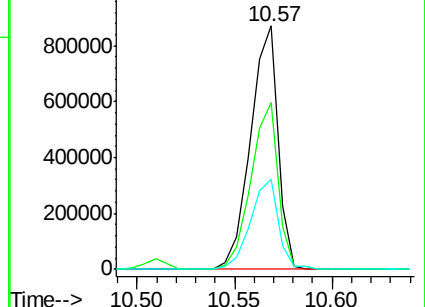
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.23 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF099174.D

Acq: 7 Oct 2017 4:11

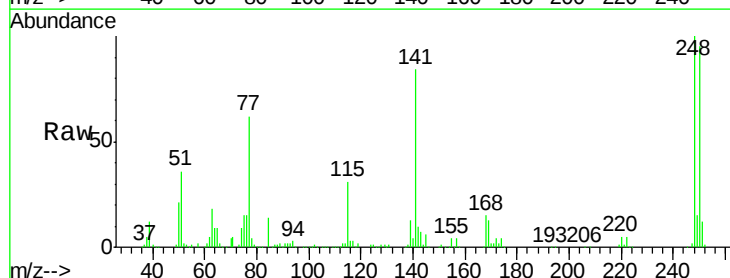
Tgt Ion:248 Resp: 254892

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

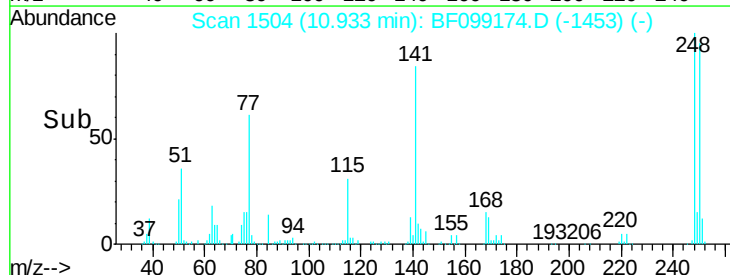
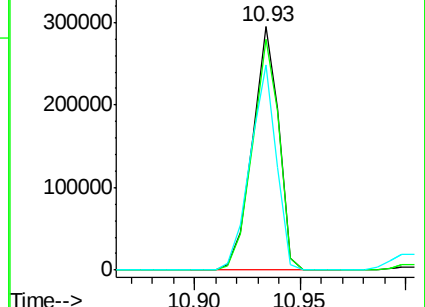
141 84.1 74.4 111.6



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

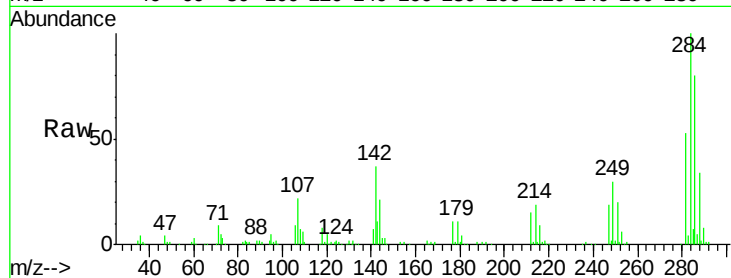




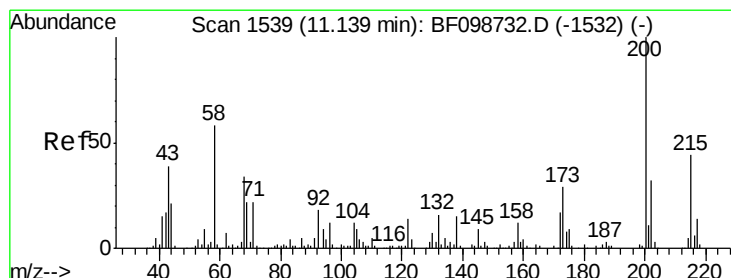
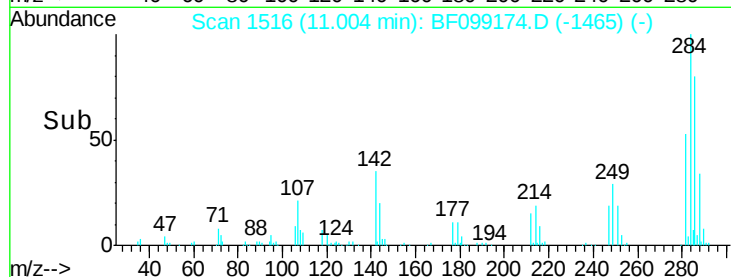
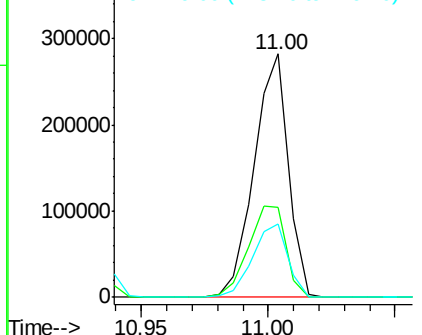
#67
Hexachlorobenzene
Concen: 40.92 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 263780
Ion Ratio Lower Upper
284 100
142 37.2 34.6 52.0
249 30.3 24.8 37.2

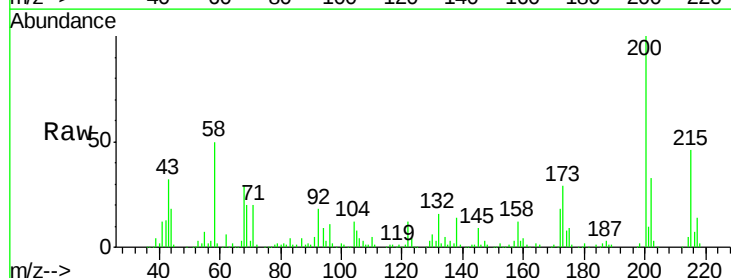


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

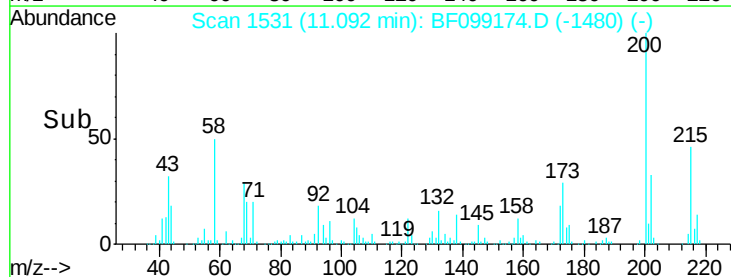
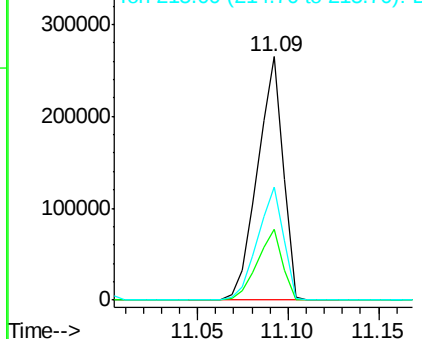


#68
Atrazine
Concen: 40.55 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:200 Resp: 260602
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 46.5 25.1 65.1



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

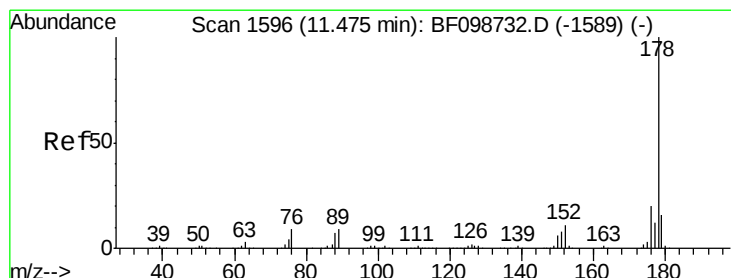
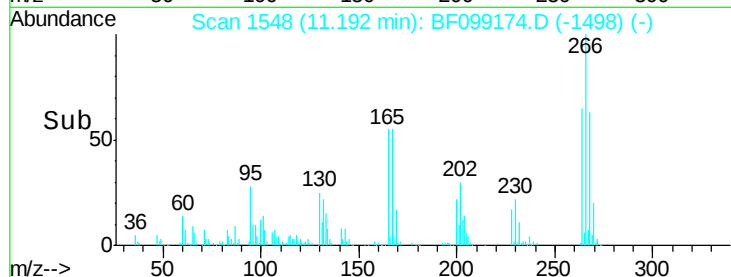
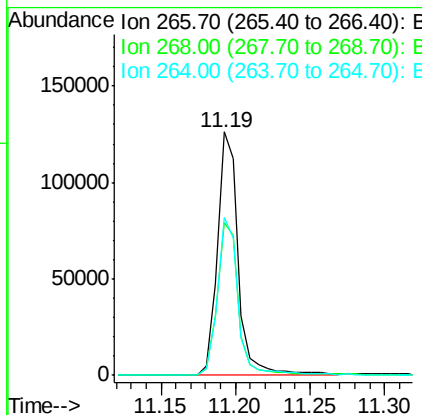
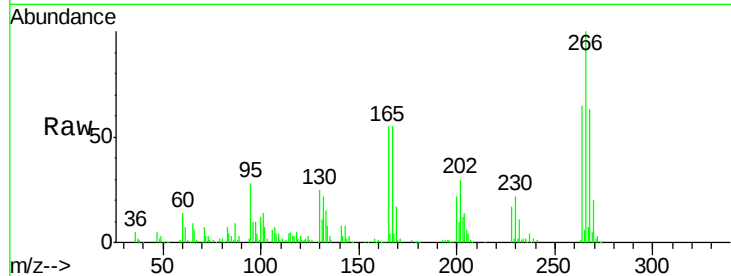




#69
 Pentachlorophenol
 Concen: 30.94 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

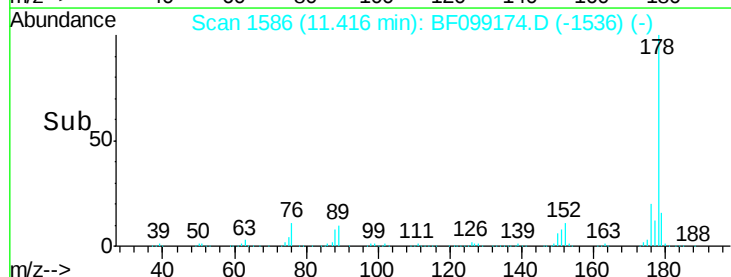
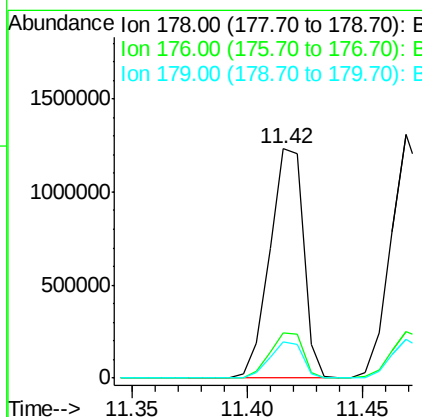
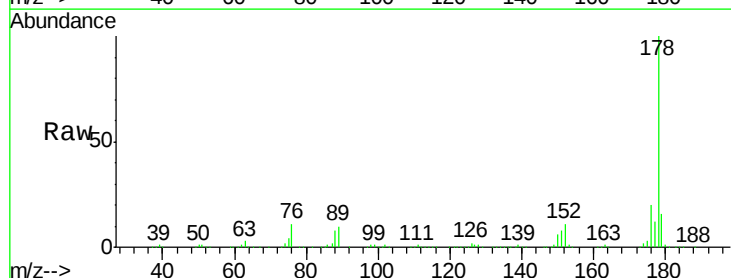
Instrument :
 BNA_F
 ClientSampleId :

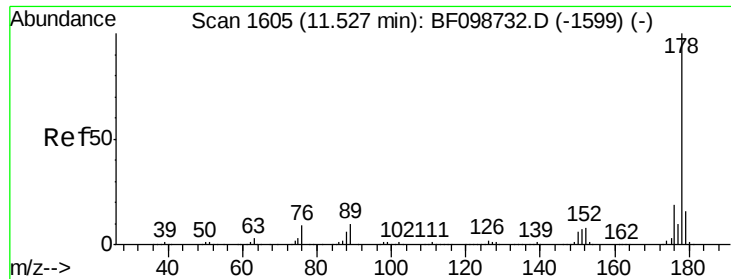
Tot Ion:266 Resp: 124133
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 64.7 49.5 74.3



#70
 Phenanthrene
 Concen: 37.77 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:178 Resp: 1246556
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.1 13.0 19.6

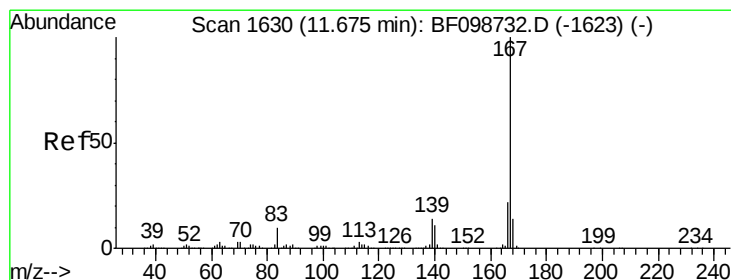
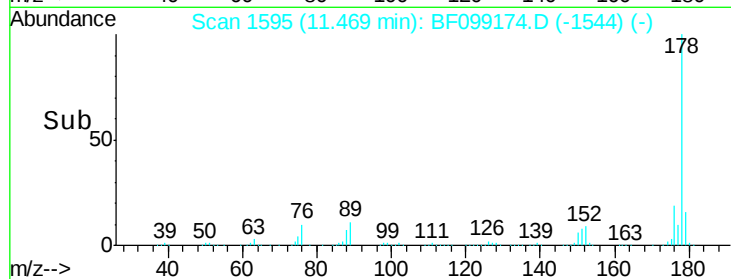
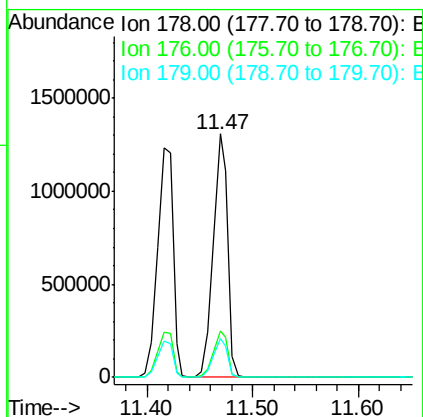
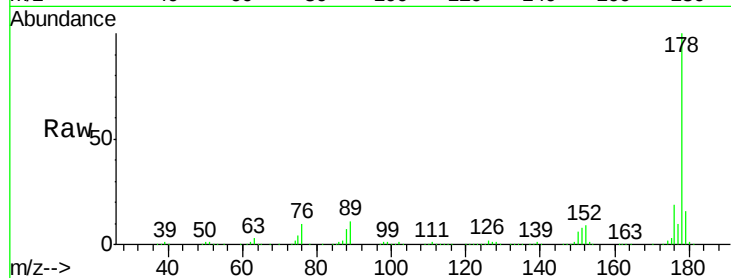




#71
 Anthracene
 Concen: 37.76 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

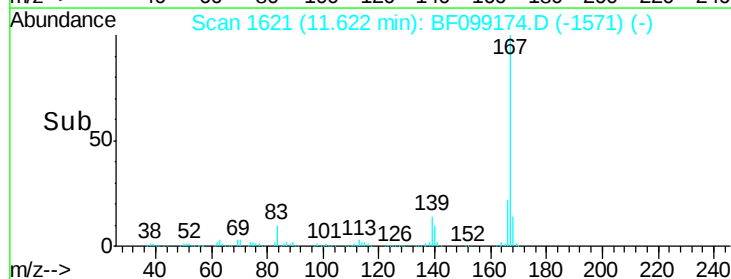
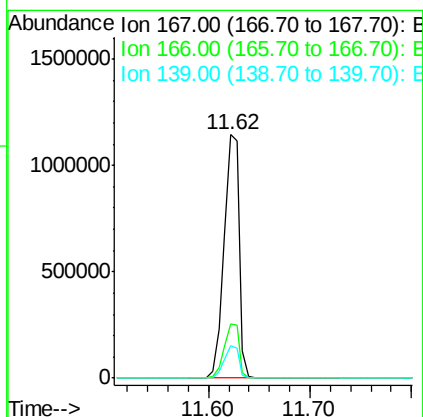
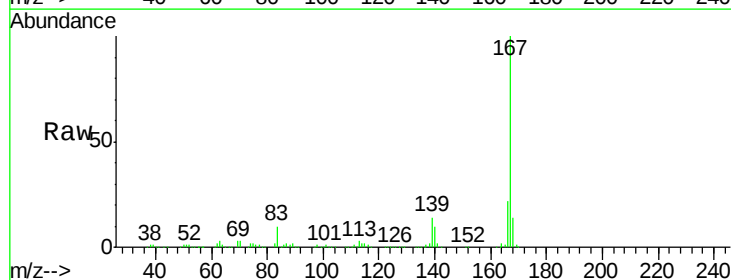
Instrument :
 BNA_F
 ClientSampleId :

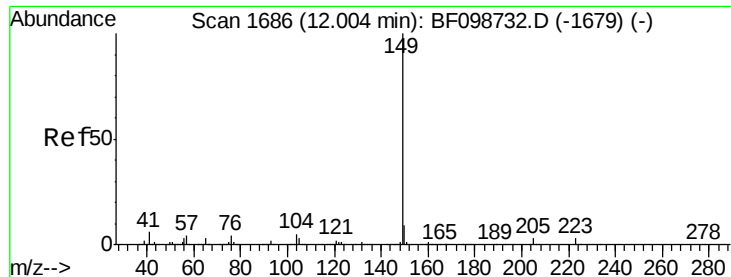
Tot Ion:178 Resp: 1275118
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 35.72 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:167 Resp: 1181380
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 10.9 16.3

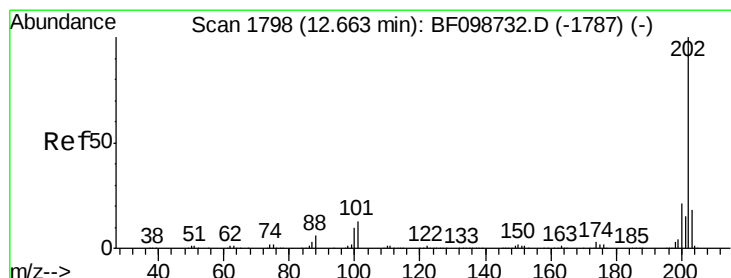
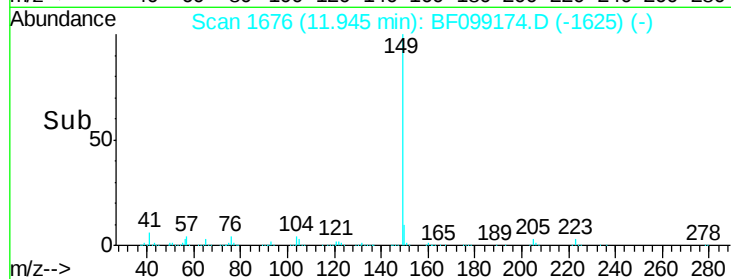
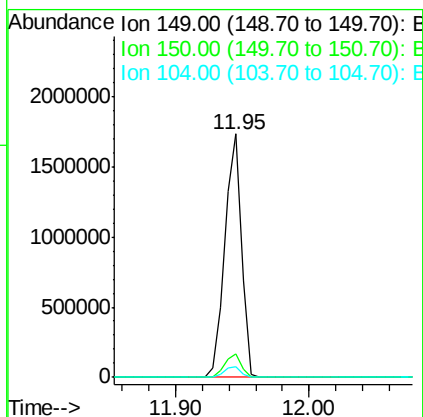
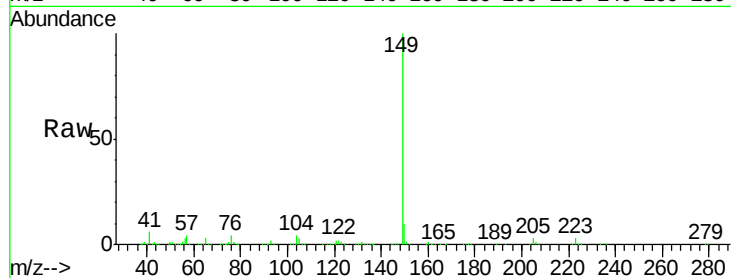




#73
Di-n-butylphthalate
Concen: 38.53 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

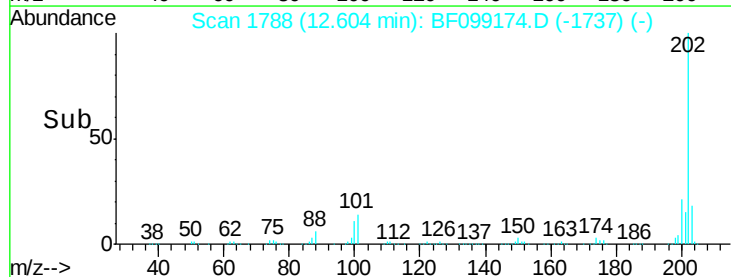
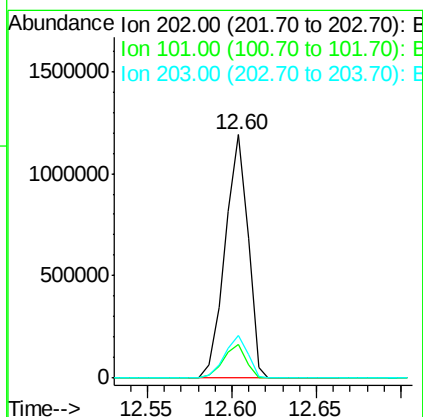
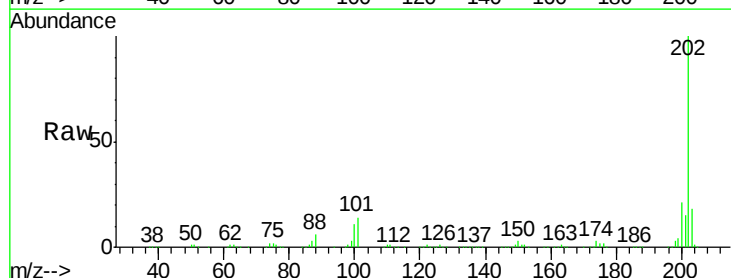
Instrument :
BNA_F
ClientSampleId :

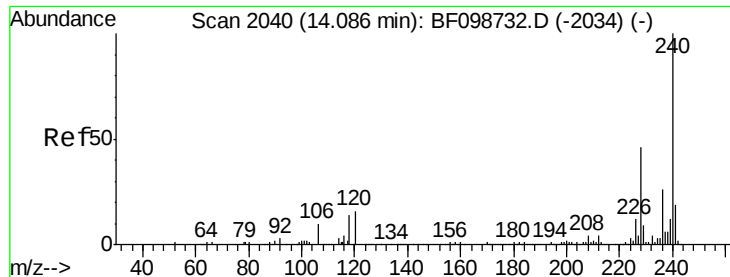
Tot Ion:149 Resp: 1533966
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 33.50 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:202 Resp: 1119762
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.1
203 17.6 0.0 38.1

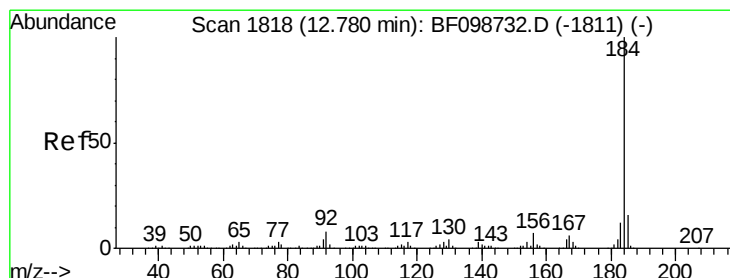
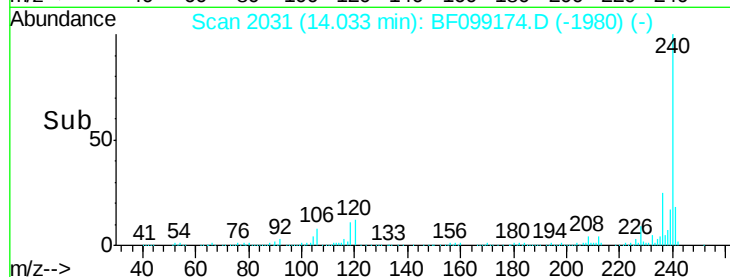
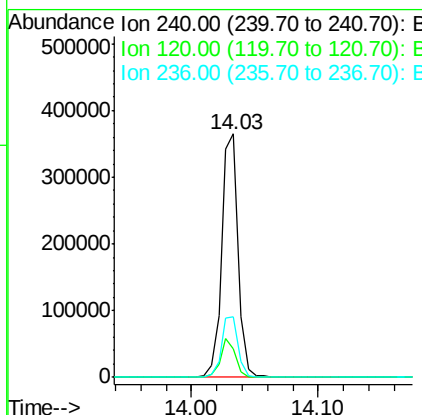
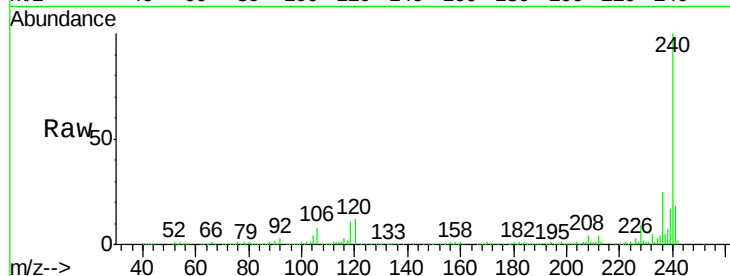




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

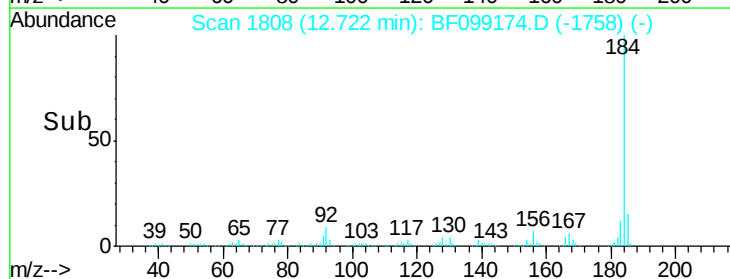
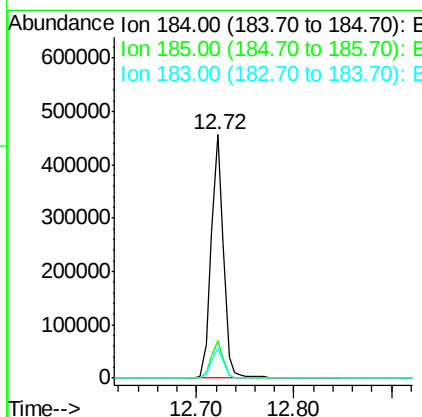
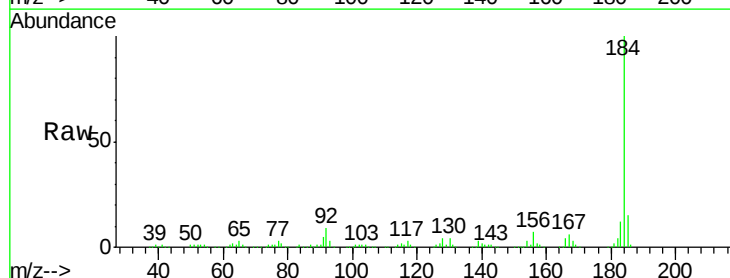
Instrument :
 BNA_F
 ClientSampleId :

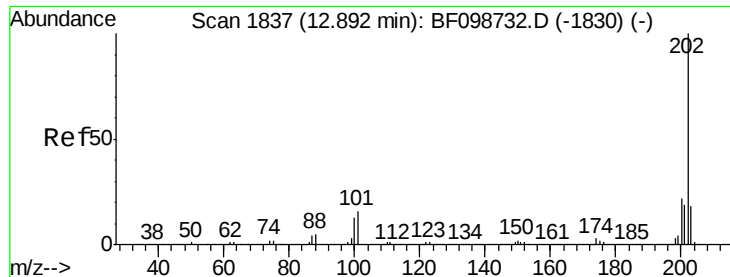
Tot Ion:240 Resp: 329786
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 25.1 20.7 31.1



#76
 Benzidine
 Concen: 32.73 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:184 Resp: 399212
 Ion Ratio Lower Upper
 184 100
 185 15.4 12.6 18.8
 183 12.0 9.3 13.9

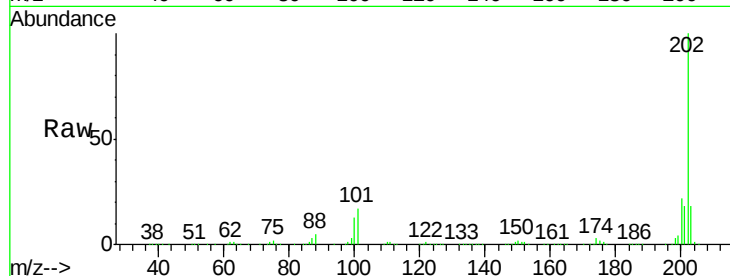




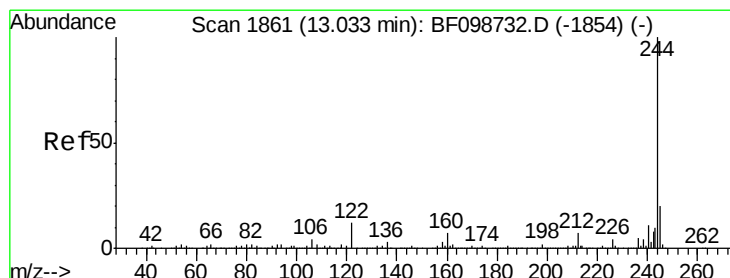
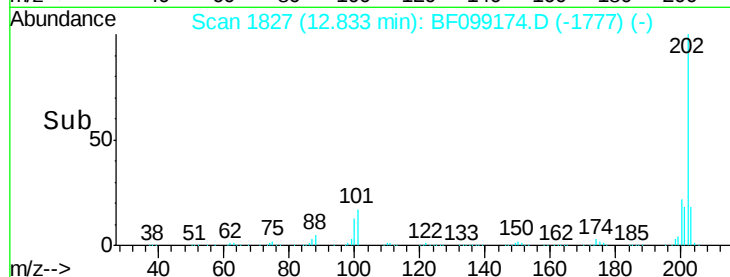
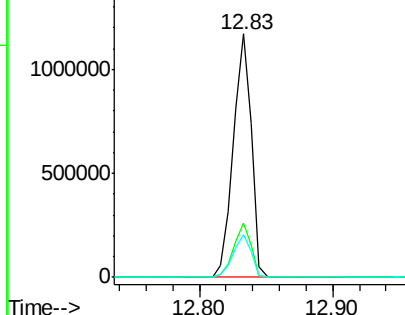
#77
Pvrene
Concen: 44.49 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1118920
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.6 14.3 21.5

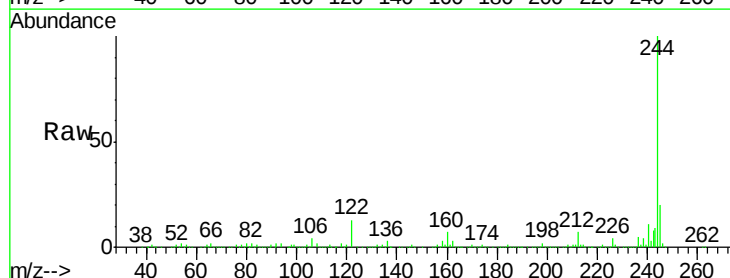


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

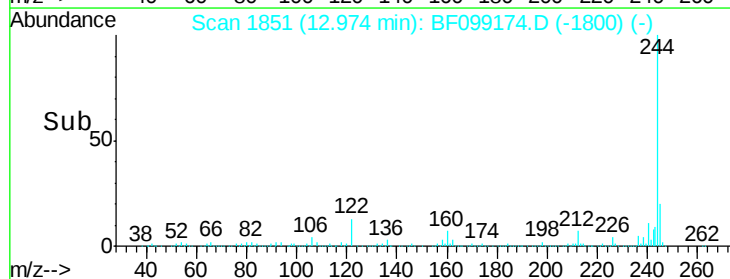
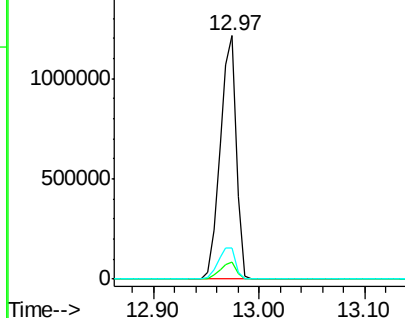


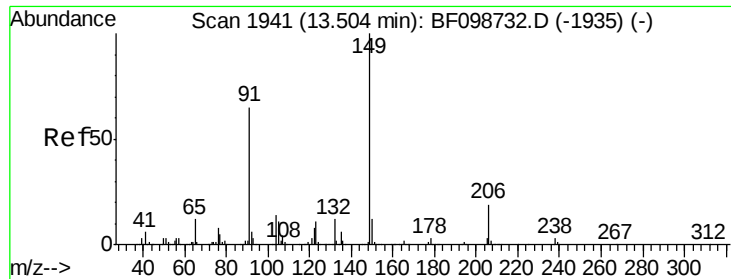
#78
Terphenyl-d14
Concen: 89.68 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:244 Resp: 1300503
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

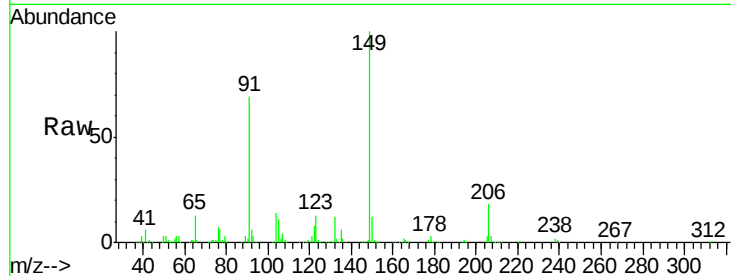




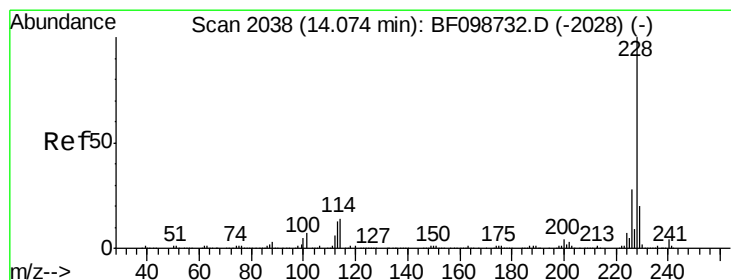
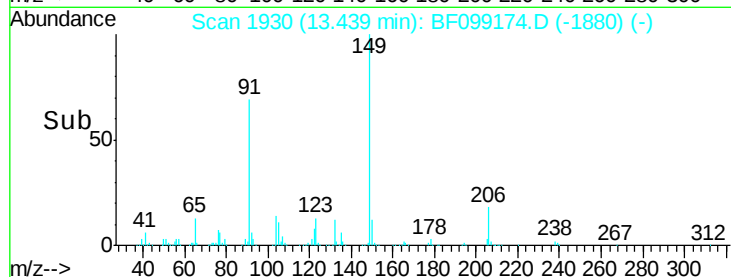
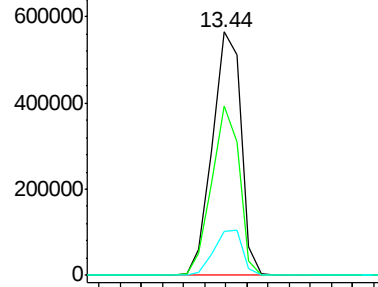
#79
Butylbenzylphthalate
Concen: 44.76 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 528994
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 18.0 14.1 21.1

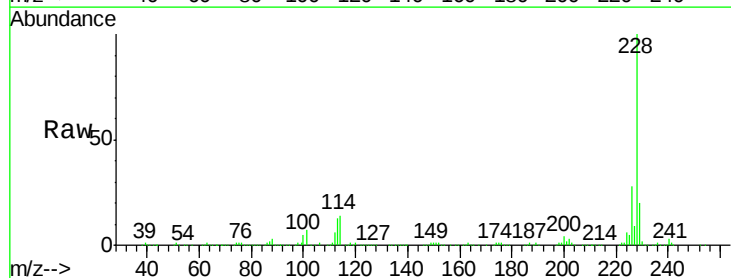


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

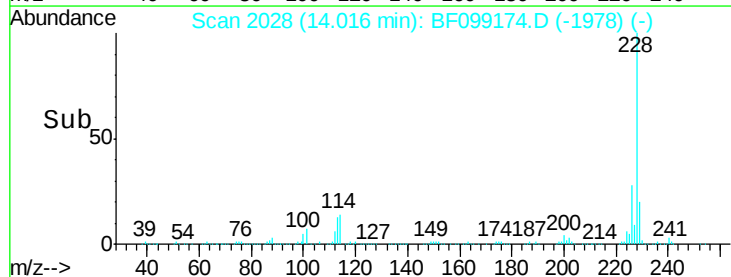
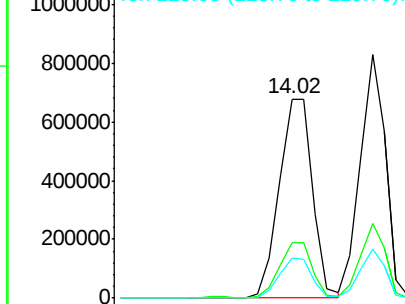


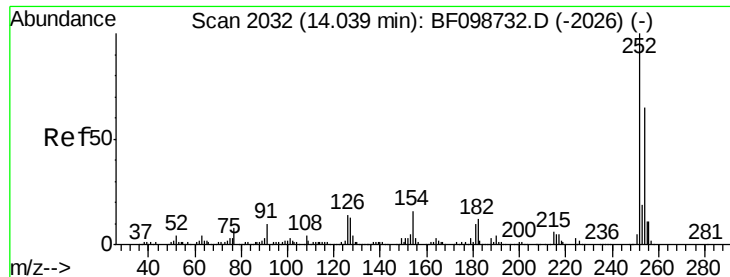
#80
Benzo(a)anthracene
Concen: 40.06 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:228 Resp: 800067
Ion Ratio Lower Upper
228 100
226 27.6 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

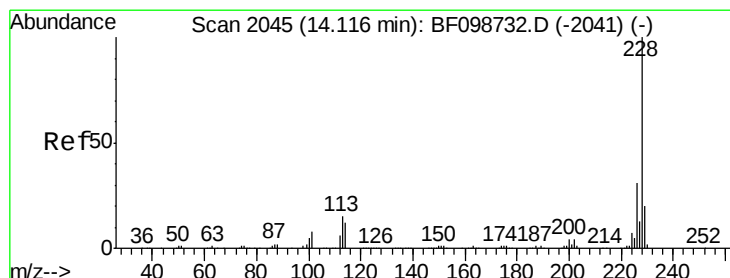
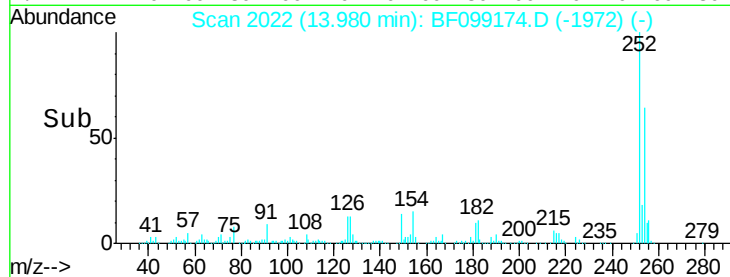
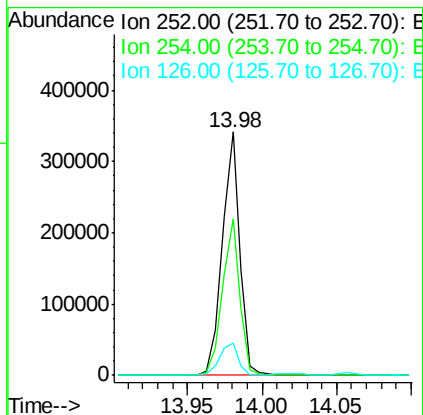
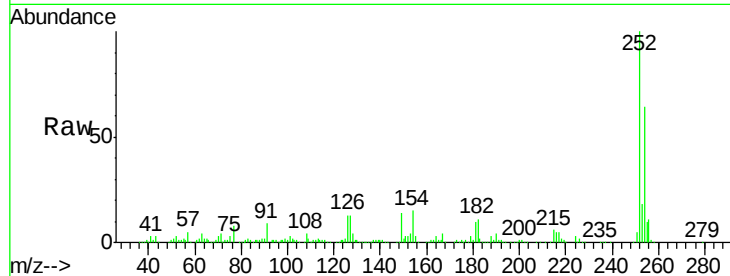




#81
 3,3'-Dichlorobenzidine
 Concen: 38.76 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

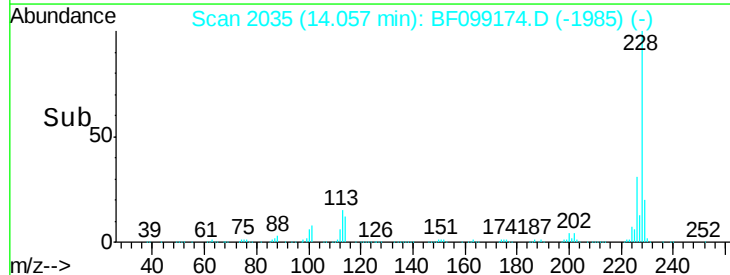
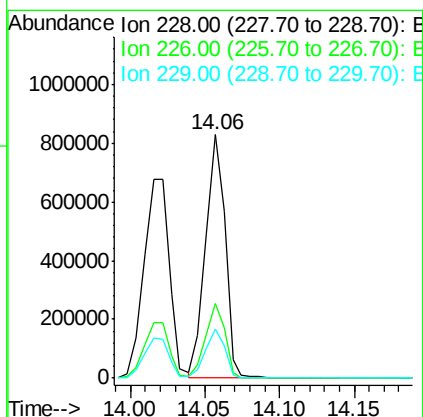
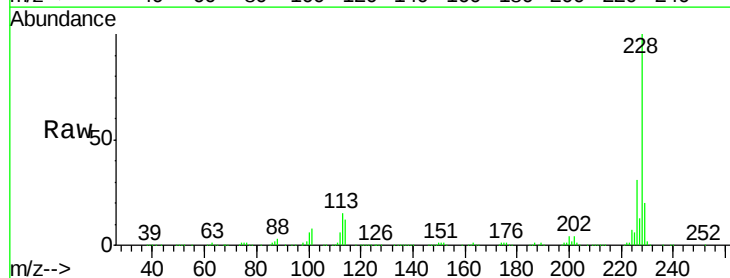
Instrument :
 BNA_F
 ClientSampleId :

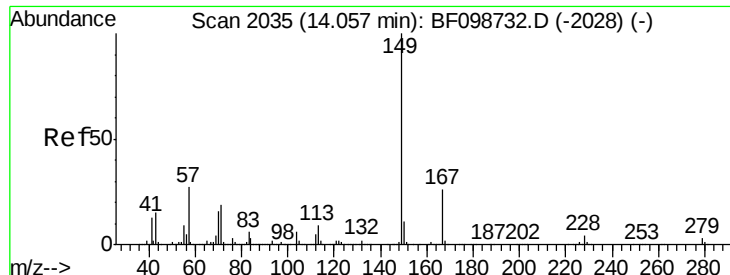
Tot Ion:252 Resp: 283720
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 13.4 11.3 16.9



#82
 Chrysene
 Concen: 39.46 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:228 Resp: 750240
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.3 16.2 24.4

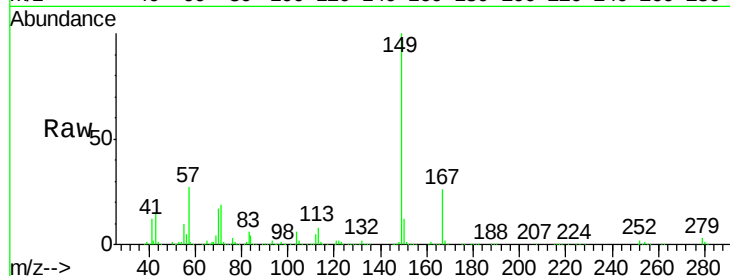




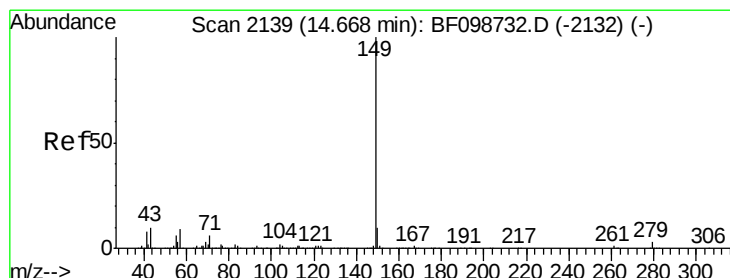
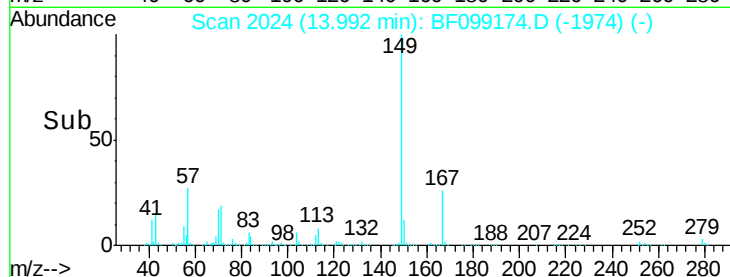
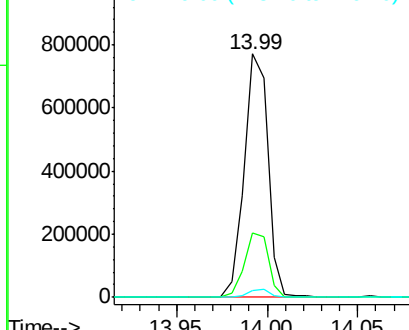
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.16 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 702399
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.8 3.0 4.4#

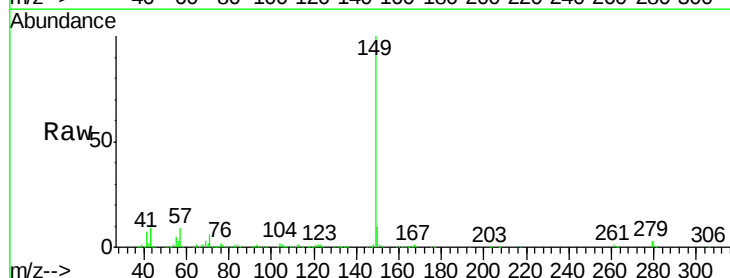


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

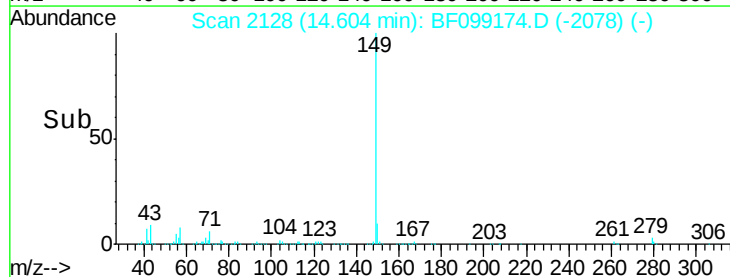
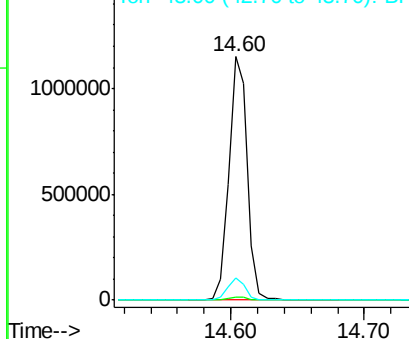


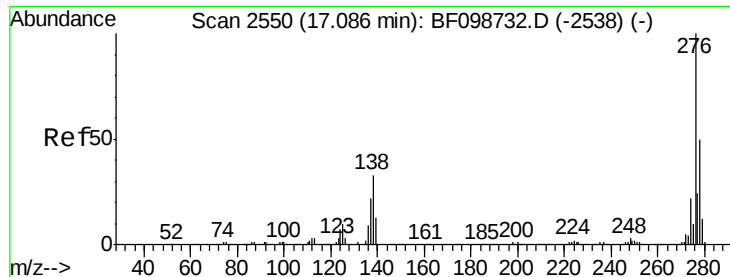
#84
 Di-n-octyl phthalate
 Concen: 42.24 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:149 Resp: 1106953
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.4 12.6



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

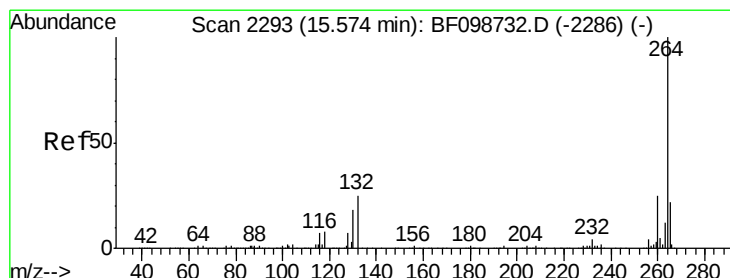
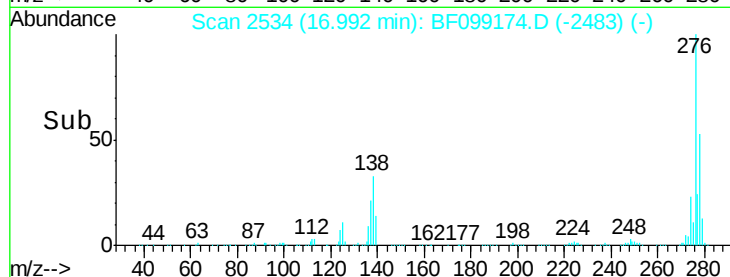
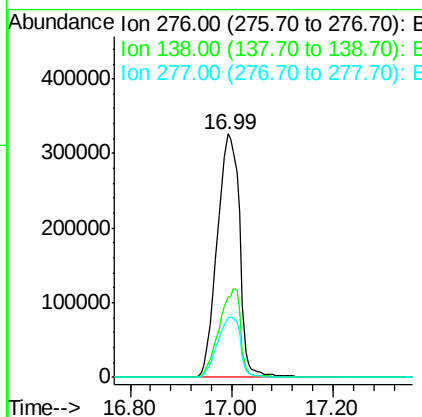
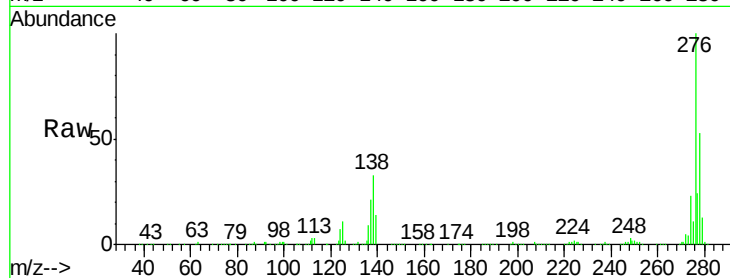




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.97 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

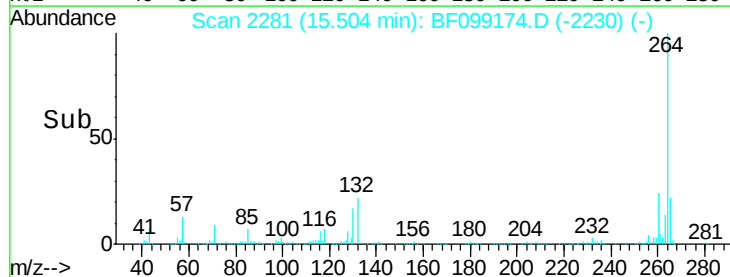
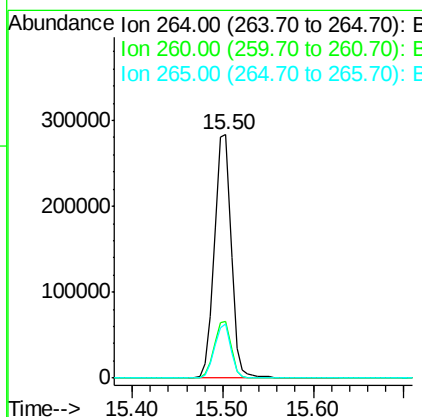
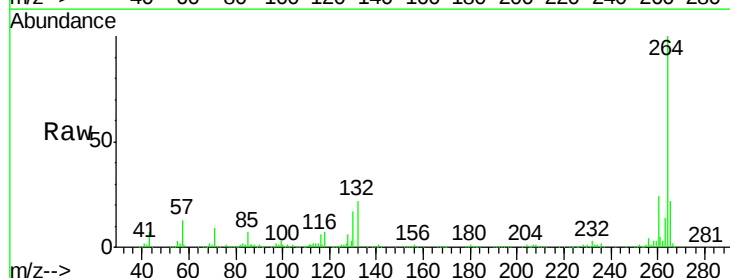
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1003248
 Ion Ratio Lower Upper
 276 100
 138 34.7 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Tgt Ion:264 Resp: 364751
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 17.5 26.3

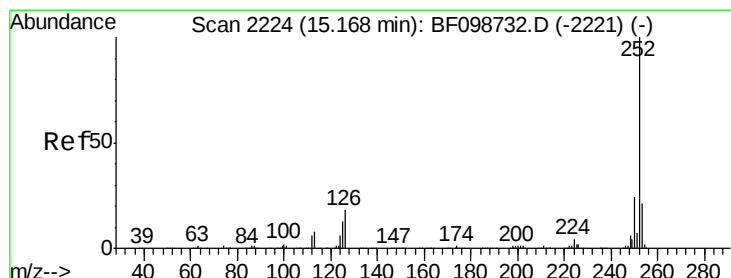
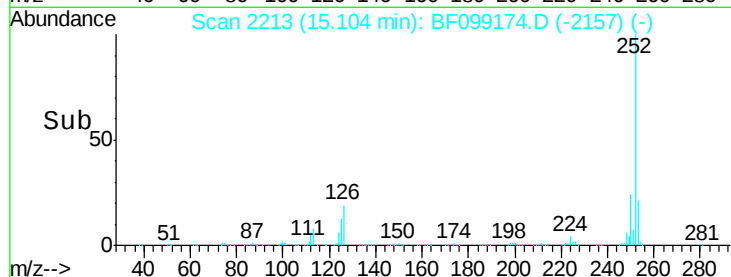
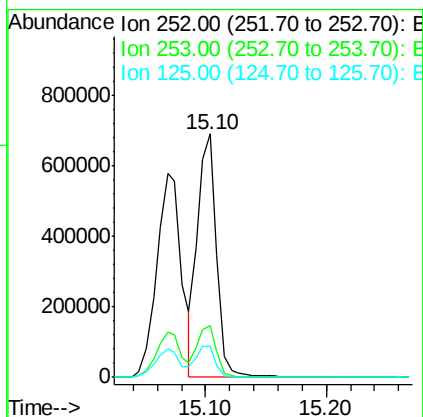
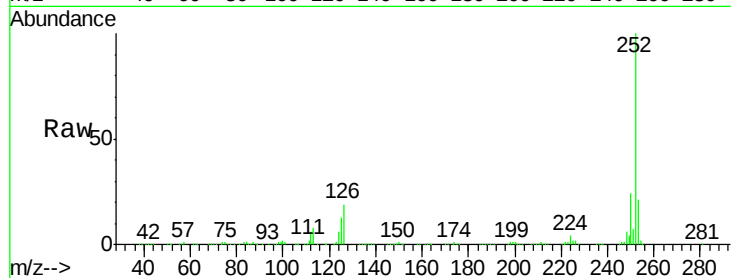




#87
Benzo(b)fluoranthene
Concen: 33.76 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.03 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

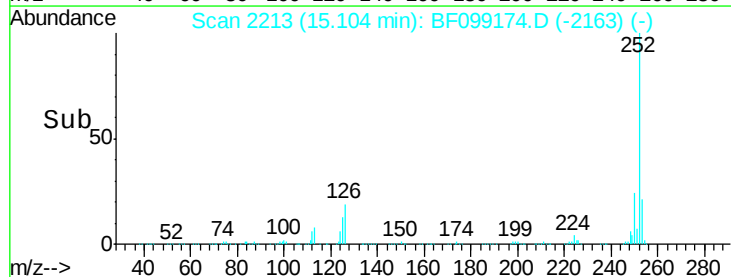
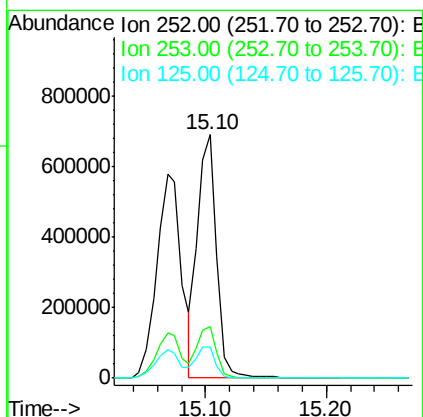
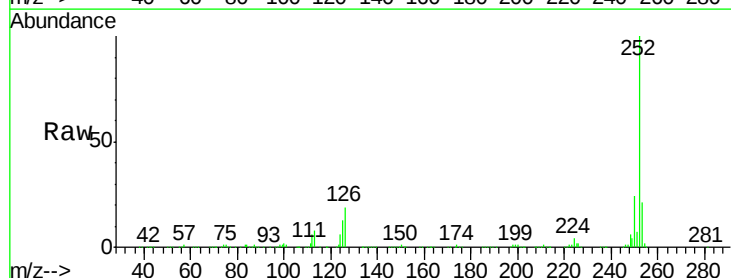
Instrument :
BNA_F
ClientSampleId :

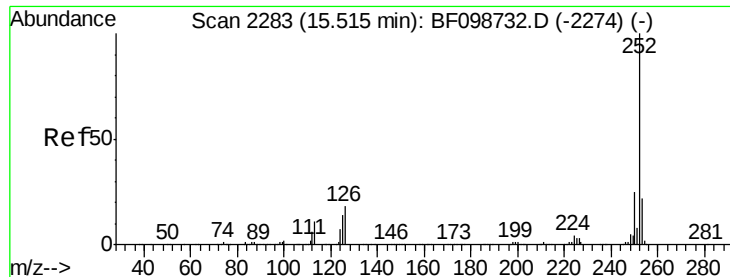
Tot Ion:252 Resp: 757128
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.18 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:252 Resp: 757128
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 13.0 10.2 15.2

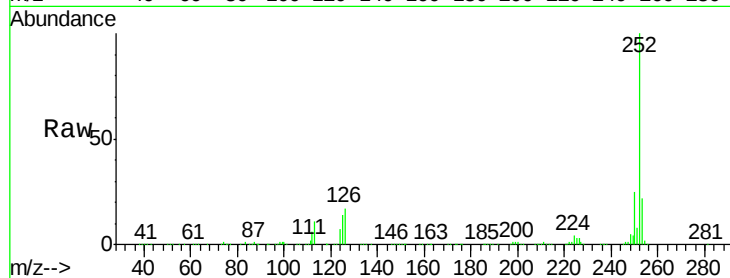




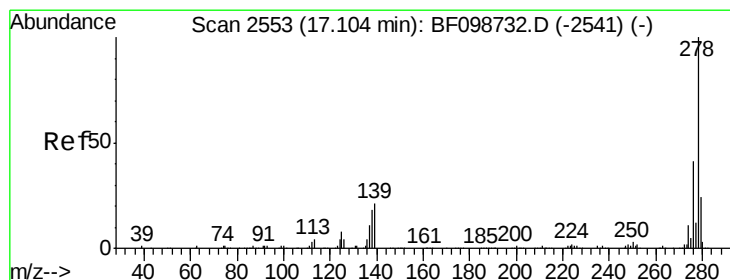
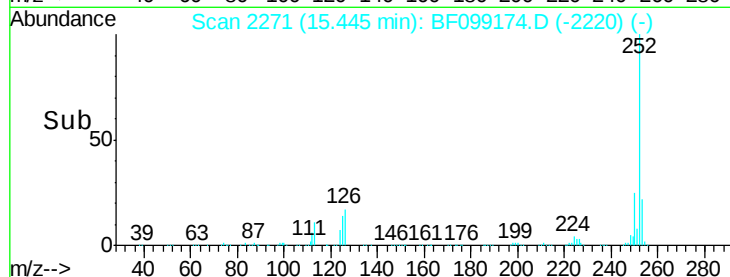
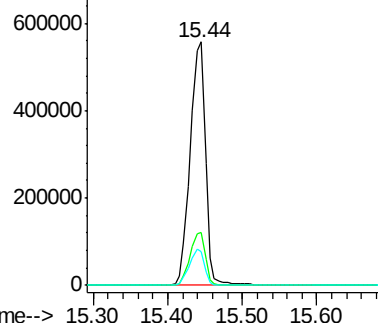
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 797990
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.7 9.8 14.6

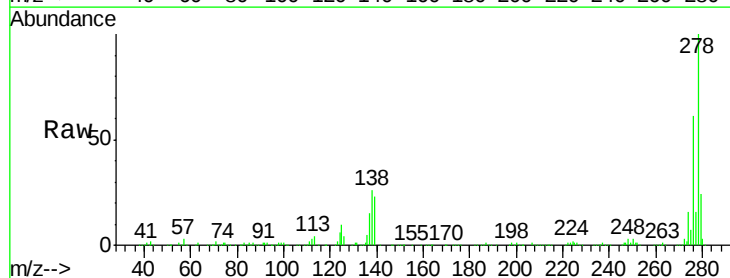


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

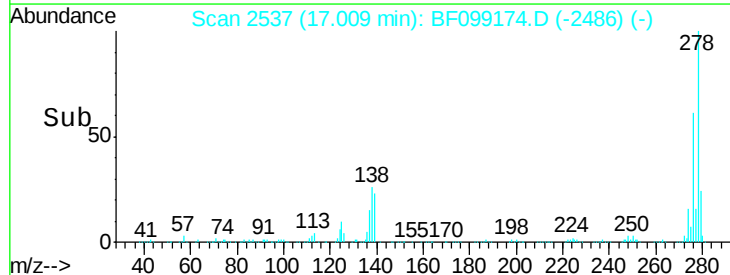
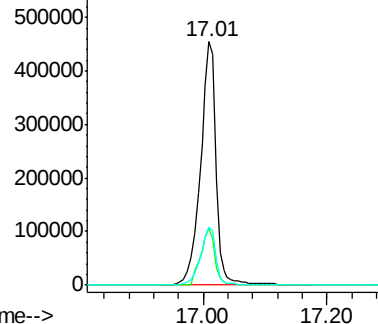


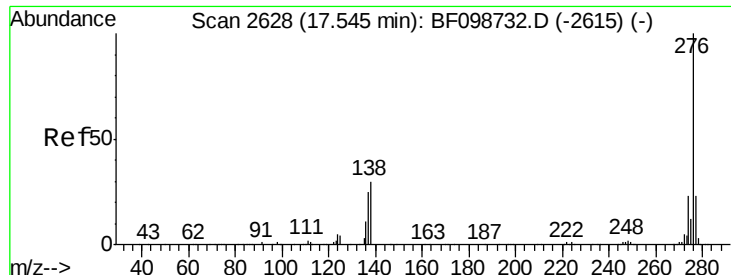
#90
Dibenzo(a,h)anthracene
Concen: 48.33 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099174.D
Acq: 7 Oct 2017 4:11

Tgt Ion:278 Resp: 796229
Ion Ratio Lower Upper
278 100
139 23.5 15.9 23.9
279 24.1 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 53.18 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099174.D
 Acq: 7 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	30.2	21.8	32.8

