

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100180.D
 Acq On : 4 Nov 2017 16:03
 Operator : SJ/JU
 Sample : I6313-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:49:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	89166	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	371325	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	175090	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	308918	20.00	ng	0.00
75) Chrysene-d12	13.94	240	172781	20.00	ng	-0.01
86) Perylene-d12	15.40	264	149775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	600232	105.68	ng	0.00
7) Phenol-d6	6.42	99	677589	100.62	ng	0.00
23) Nitrobenzene-d5	7.34	82	386485	67.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	162337	101.74	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	787704	69.41	ng	-0.01
78) Terphenyl-d14	12.87	244	675478	85.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	69979	27.902	ng	# 90
3) Pyridine	3.33	79	90801	15.055	ng	86
4) n-Nitrosodimethylamine	3.25	42	60719	28.180	ng	# 61
6) Aniline	6.44	93	207229	23.733	ng	# 76
8) 2-Chlorophenol	6.56	128	213471	35.266	ng	91
9) Benzaldehyde	6.33	77	76844	19.096	ng	91
10) Phenol	6.43	94	267202	36.138	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	185403	32.472	ng	94
12) 1,3-Dichlorobenzene	6.78	146	226234	33.286	ng	96
13) 1,4-Dichlorobenzene	6.78	146	226234	32.797	ng	98
14) 1,2-Dichlorobenzene	6.93	146	209997	33.403	ng	97
15) Benzyl Alcohol	6.92	79	148832	34.752	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	234594	36.987	ng	# 24
17) 2-Methylphenol	7.04	107	169225	33.422	ng	# 91
18) Hexachloroethane	7.26	117	72697	31.589	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	131163	33.236	ng	89
20) 3+4-Methylphenols	7.19	107	228656	38.784	ng	# 84
22) Acetophenone	7.18	105	277784	32.855	ng	# 91
24) Nitrobenzene	7.36	77	194311	33.436	ng	92
25) Isophorone	7.59	82	370986	35.447	ng	97
26) 2-Nitrophenol	7.67	139	121354	36.459	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	192659	39.284	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	244084	33.301	ng	100
29) 2,4-Dichlorophenol	7.92	162	189053	37.108	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	181607	33.362	ng	99
31) Naphthalene	8.07	128	604705	33.737	ng	99
32) Benzoic acid	7.86	122	52222	12.097	ng	95
33) 4-Chloroaniline	8.13	127	157534	21.284	ng	# 94
34) Hexachlorobutadiene	8.17	225	89240	31.872	ng	98
35) Caprolactam	8.51	113	31174	19.458	ng	# 77
36) 4-Chloro-3-methylphenol	8.63	107	182262	35.050	ng	89
37) 2-Methylnaphthalene	8.76	142	420845	35.036	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	175471	31.030	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	29801	36.517	ng	99

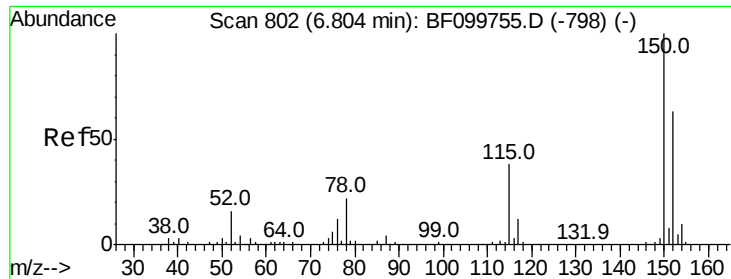
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100180.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	116275	33.993	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	112793	31.074	nq #	93
45) 1,1'-Biphenyl	9.22	154	501496	31.661	nq	97
46) 2-Chloronaphthalene	9.25	162	388781	33.798	nq	95
47) 2-Nitroaniline	9.36	65	99364	32.912	nq	86
48) Acenaphthylene	9.66	152	578830	32.671	nq	99
49) Dimethylphthalate	9.53	163	481771	34.746	nq	99
50) 2,6-Dinitrotoluene	9.60	165	101410	34.790	nq #	81
51) Acenaphthene	9.83	154	348531	32.195	nq	98
52) 3-Nitroaniline	9.78	138	85055	24.764	nq	87
53) 2,4-Dinitrophenol	9.91	184	48738	45.060	nq #	78
54) Dibenzofuran	10.01	168	532007	34.815	nq	97
55) 4-Nitrophenol	9.97	139	73027	40.693	nq	80
56) 2,4-Dinitrotoluene	10.02	165	135250	38.529	nq #	75
57) Fluorene	10.35	166	424330	33.538	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	88253	34.677	nq	91
59) Diethylphthalate	10.22	149	441582	32.612	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	196272	32.962	nq	95
61) 4-Nitroaniline	10.40	138	103630	31.625	nq #	79
62) Azobenzene	10.50	77	368309	32.448	nq	89
64) 4,6-Dinitro-2-methylphenol	10.44	198	49090	25.280	nq #	69
65) n-Nitrosodiphenylamine	10.46	169	376524	33.018	nq	97
66) 4-Bromophenyl-phenylether	10.83	248	113040	34.759	nq #	88
67) Hexachlorobenzene	10.90	284	110477	33.205	nq #	88
68) Atrazine	10.99	200	116116	33.898	nq	98
69) Pentachlorophenol	11.11	266	64607	45.444	nq	97
70) Phenanthrene	11.32	178	582041	33.386	nq	98
71) Anthracene	11.37	178	605920	34.240	nq	99
72) Carbazole	11.53	167	560407	33.676	nq	98
73) Di-n-butylphthalate	11.84	149	682036	32.133	nq #	98
74) Fluoranthene	12.51	202	564196	31.141	nq	97
76) Benzidine	12.63	184	134166	17.746	nq	97
77) Pyrene	12.74	202	561806	42.761	nq	99
79) Butylbenzylphthalate	13.34	149	255762	39.533	nq	86
80) Benzo(a)anthracene	13.93	228	360562	32.919	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	93579	23.536	nq	96
82) Chrysene	13.97	228	346073	33.608	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	319836	35.203	nq	98
84) Di-n-octyl phthalate	14.50	149	463220	29.706	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	344840	36.479	nq	98
87) Benzo(b)fluoranthene	15.00	252	277413	29.332	nq	98
88) Benzo(k)fluoranthene	15.00	252	277413	31.106	nq	99
89) Benzo(a)pyrene	15.34	252	286487	33.722	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	290418	38.472	nq	97
91) Benzo(g,h,i)perylene	17.30	276	301348	40.803	nq	97

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

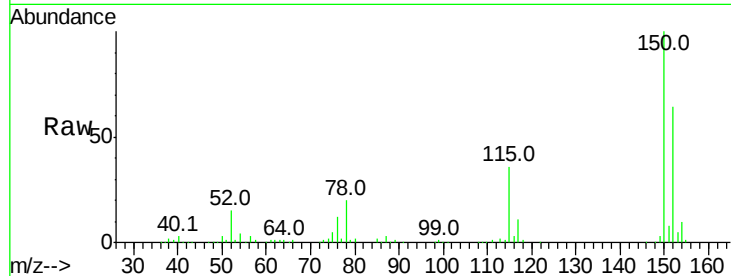


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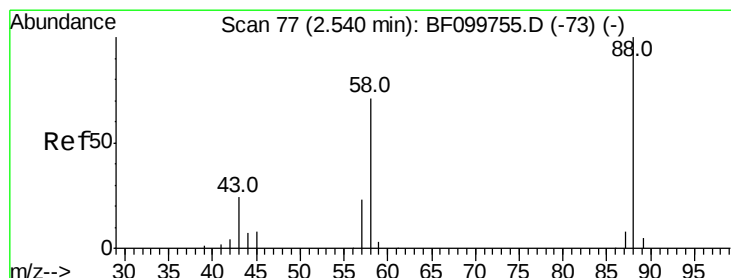
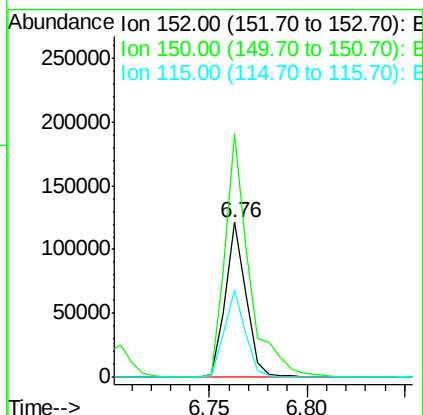
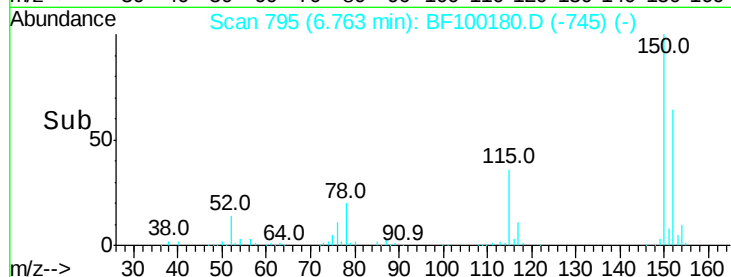
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89166
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 56.2 50.1 75.1



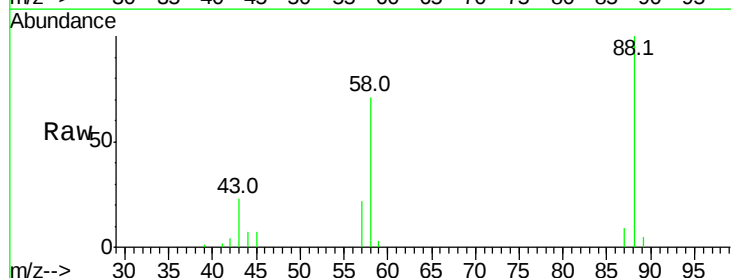
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



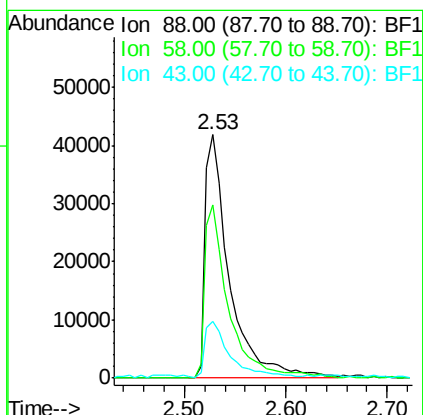
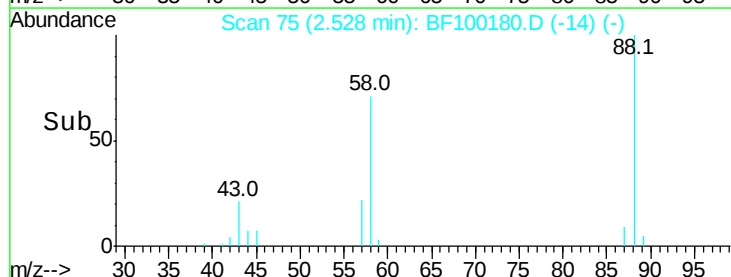
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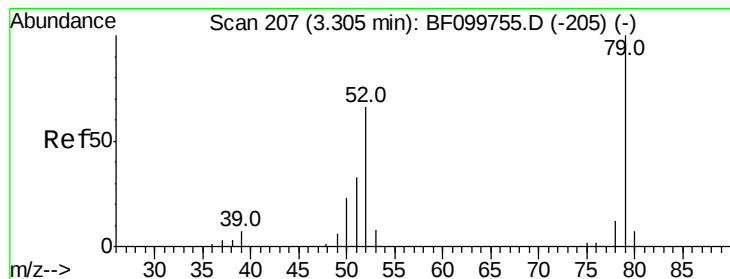
1,4-Dioxane
Concen: 27.902 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.06 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 88 Resp: 69979
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.6 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 15.055 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.11 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

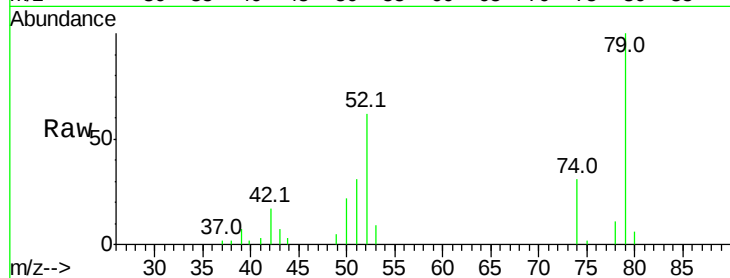
Tot Ion: 79 Resp: 90801

Ion Ratio Lower Upper

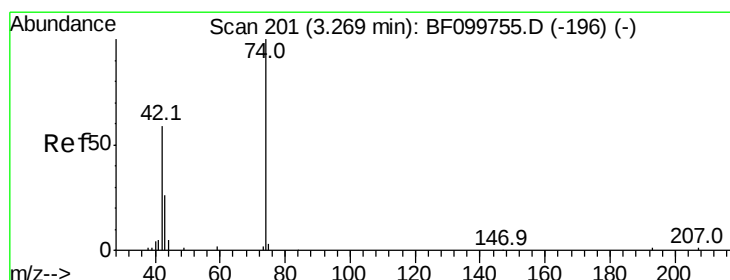
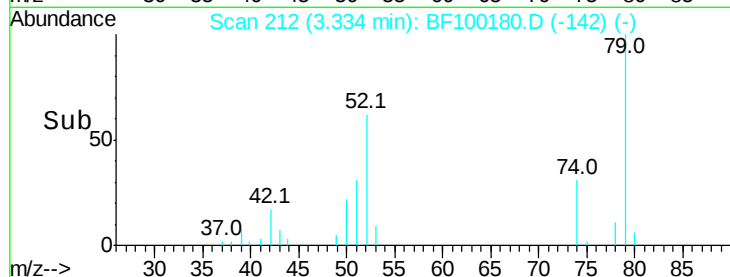
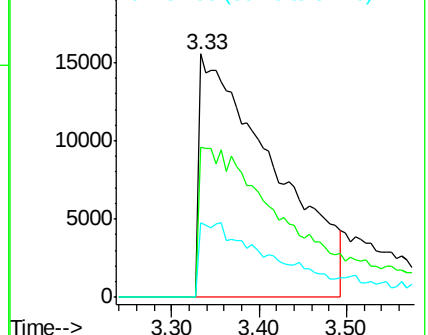
79 100

52 61.8 59.8 89.6

51 30.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 28.180 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.05 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

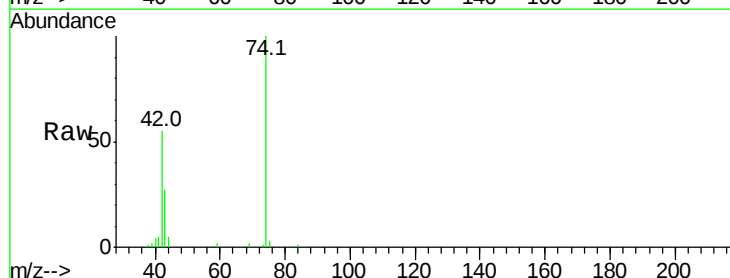
Tgt Ion: 42 Resp: 60719

Ion Ratio Lower Upper

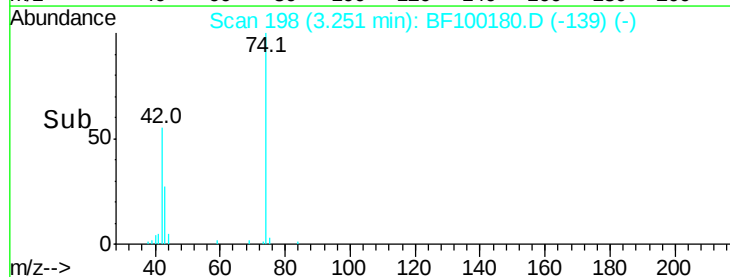
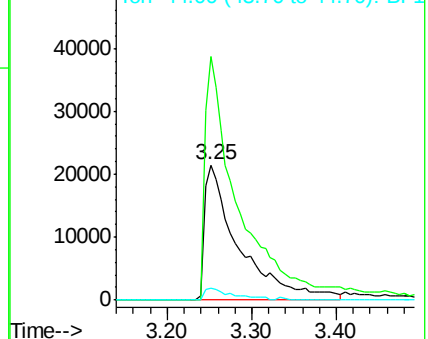
42 100

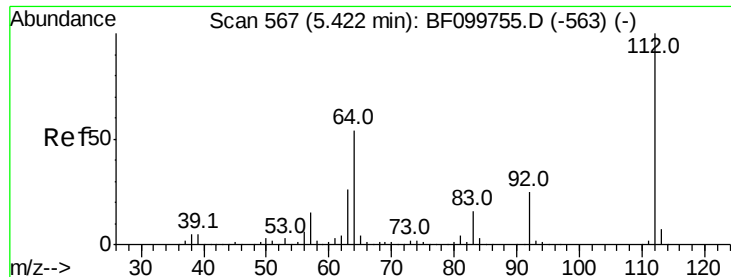
74 180.3 104.9 157.3#

44 8.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.684 ng

RT: 5.40 min Scan# 563

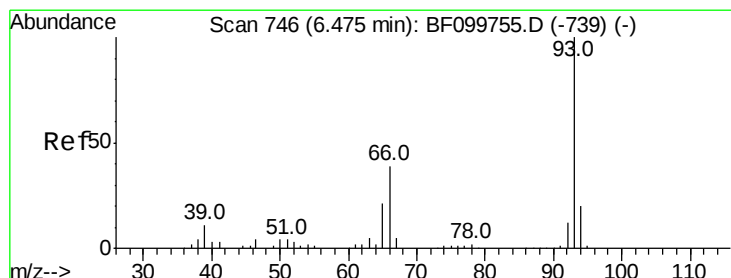
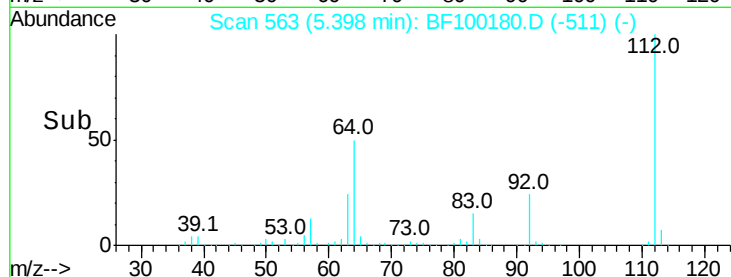
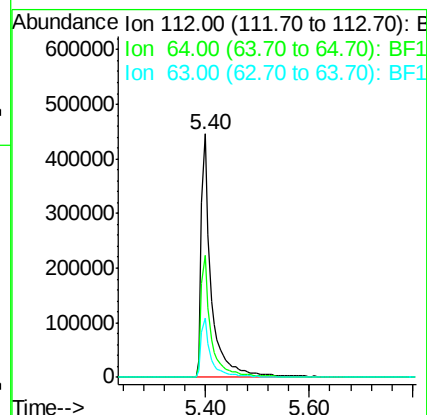
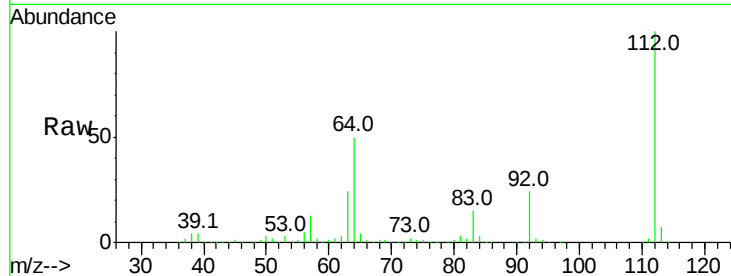
Delta R.T. 0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	600232
Ion	Ratio	Lower	Upper
112	100		
64	50.0	47.9	71.9
63	24.1	23.7	35.5



#6

Aniline

Concen: 23.733 ng

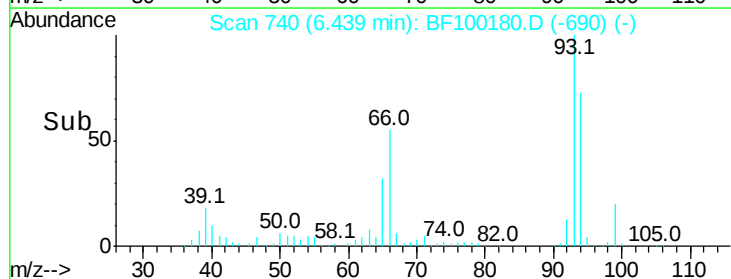
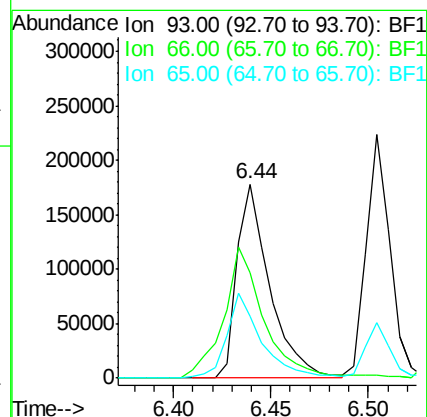
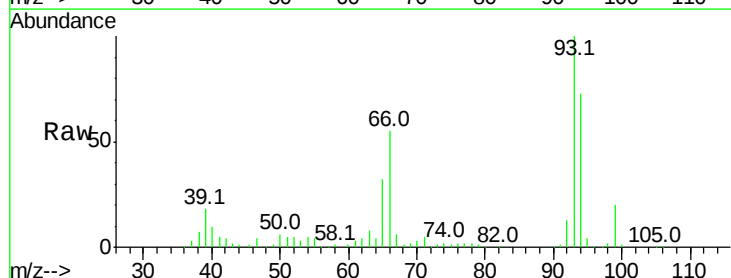
RT: 6.44 min Scan# 740

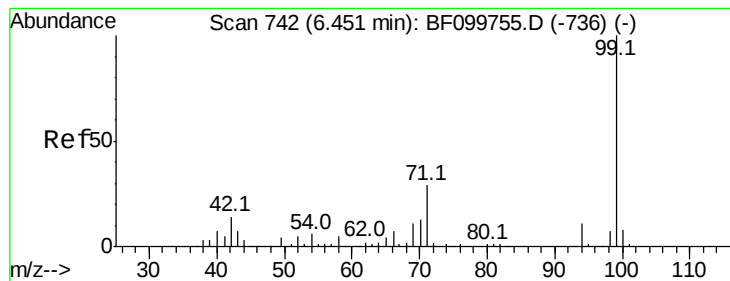
Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Tgt Ion:	93	Resp:	207229
Ion	Ratio	Lower	Upper
93	100		
66	54.5	32.2	48.2#
65	31.9	16.4	24.6#





#7

Phenol-d6

Concen: 100.618 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

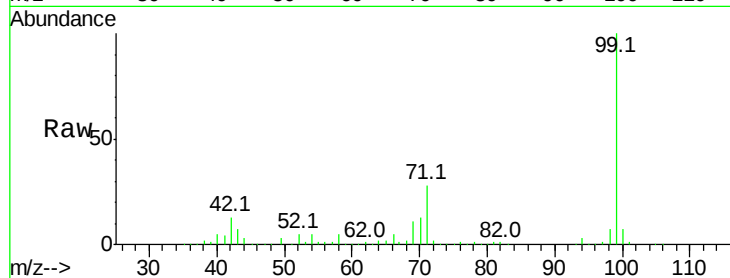
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 677589

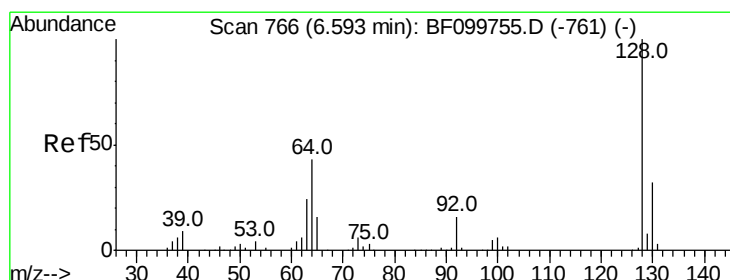
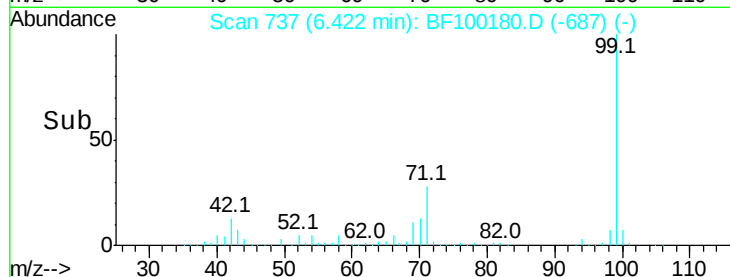
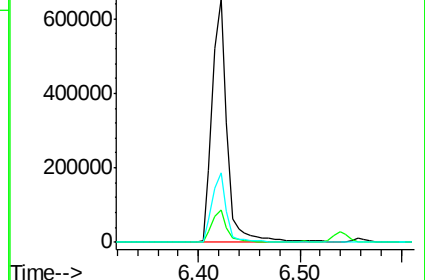
Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	28.5	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.266 ng

RT: 6.56 min Scan# 760

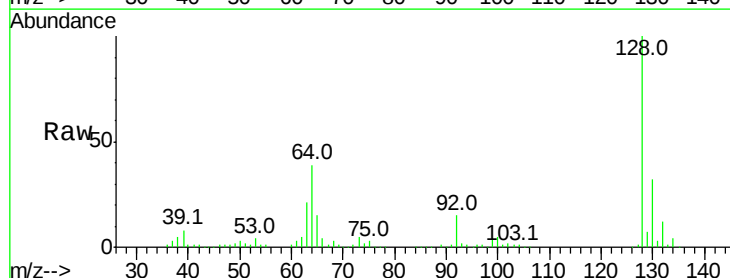
Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Tgt Ion: 128 Resp: 213471

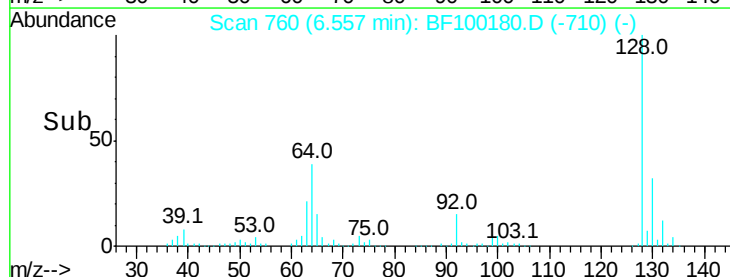
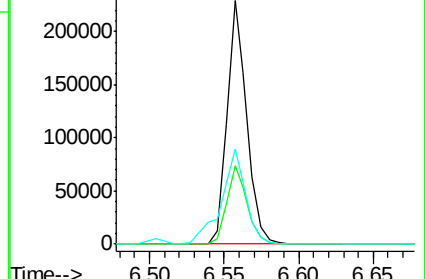
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	39.2	29.4	69.4

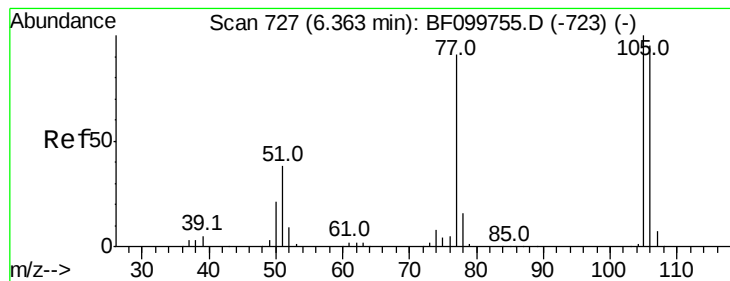


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.096 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

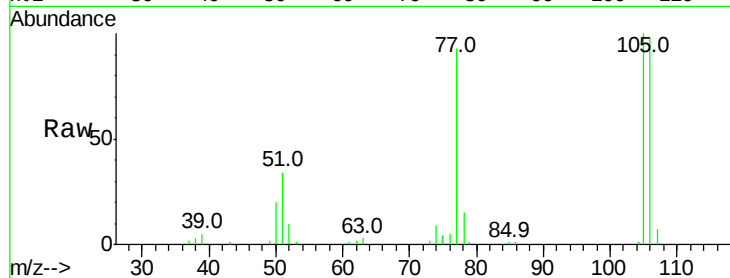
Tot Ion: 77 Resp: 76844

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

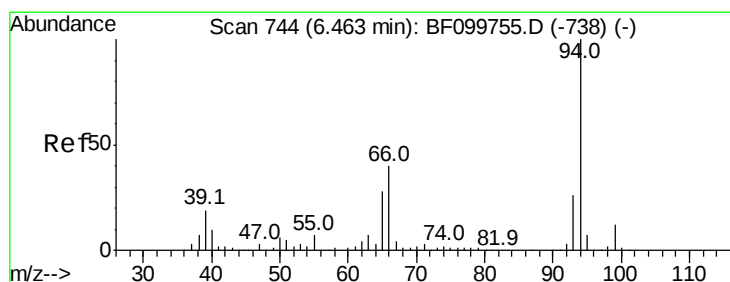
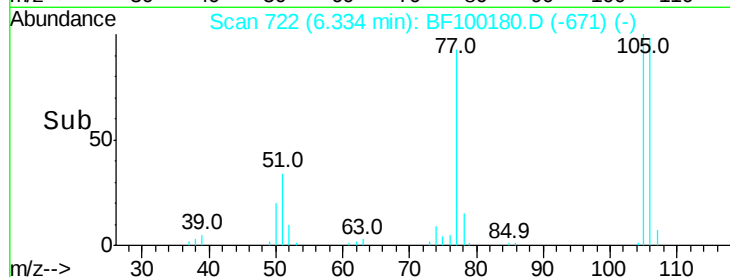
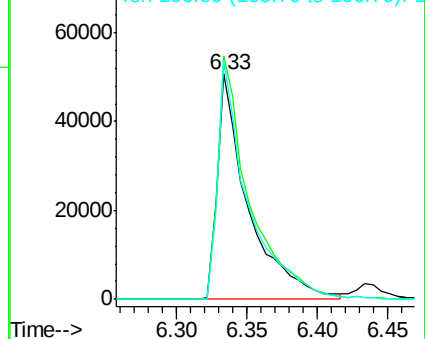
106 105.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.138 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

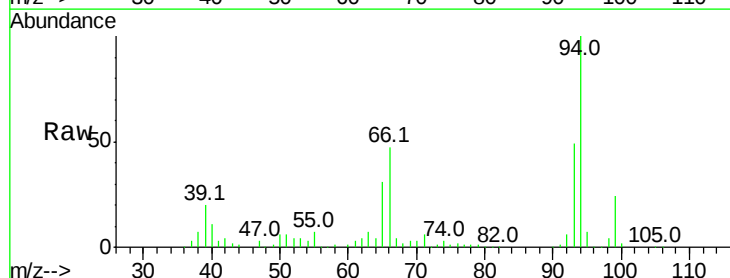
Tgt Ion: 94 Resp: 267202

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

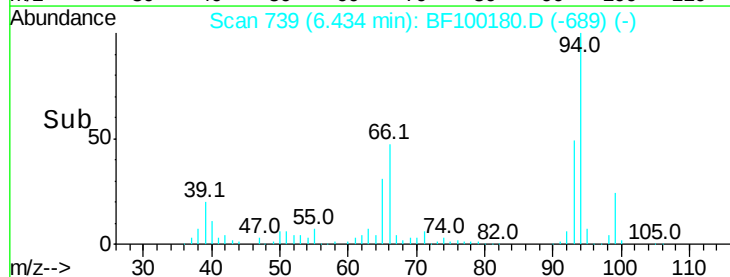
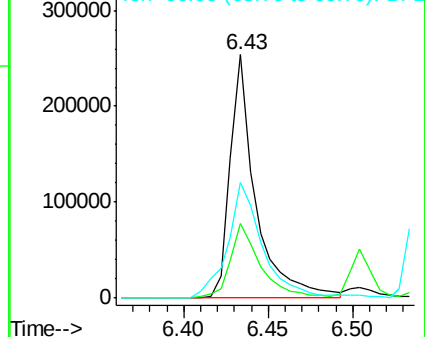
66 47.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

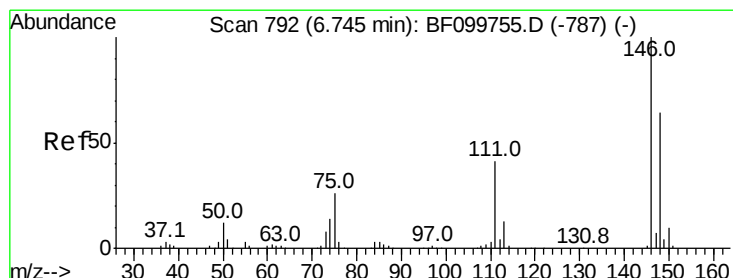
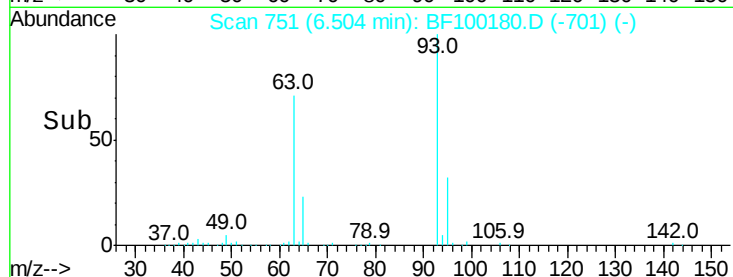
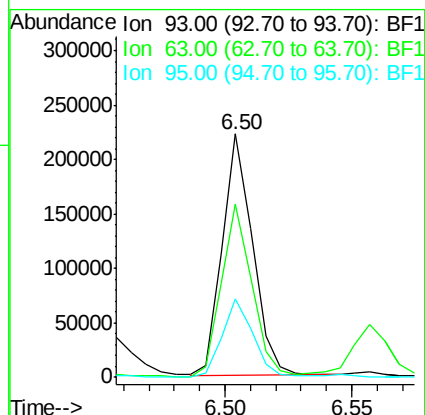
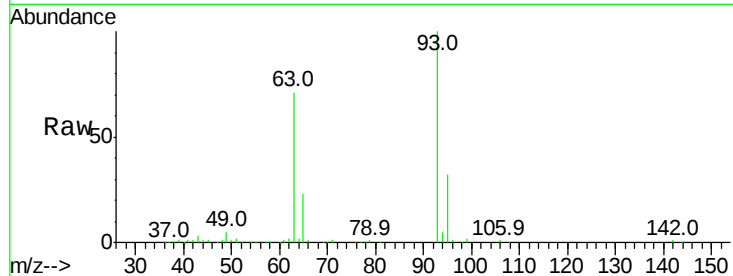




#11
bis(2-Chloroethyl)ether
Concen: 32.472 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

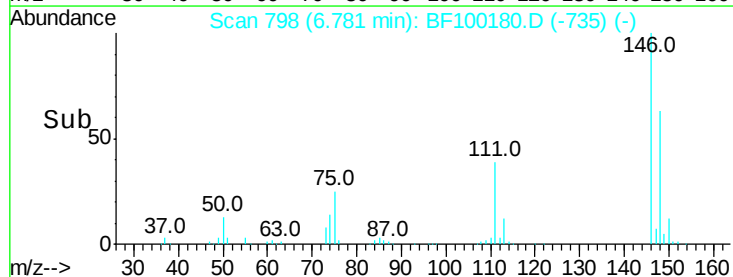
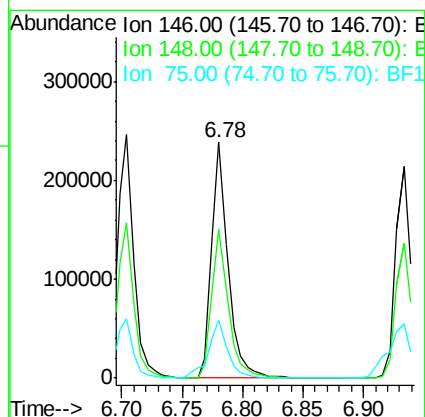
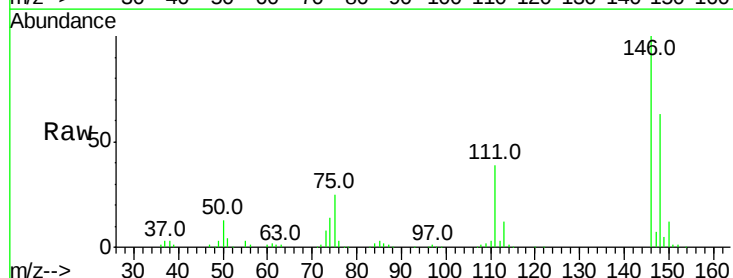
Instrument :
BNA_F
ClientSampled :

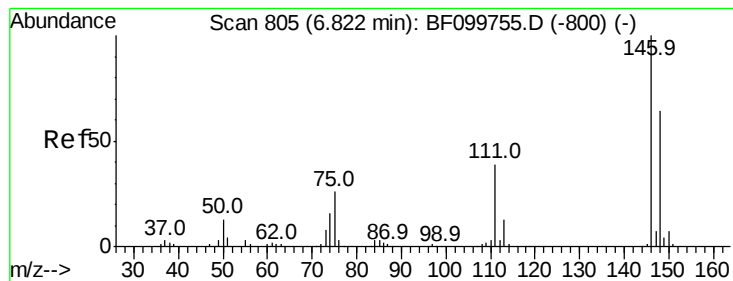
Tot Ion: 93 Resp: 185403
Ion Ratio Lower Upper
93 100
63 71.2 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.286 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.07 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 146 Resp: 226234
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 24.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.797 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

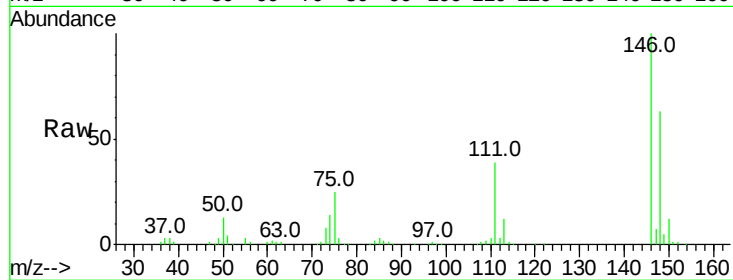
Tot Ion:146 Resp: 226234

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

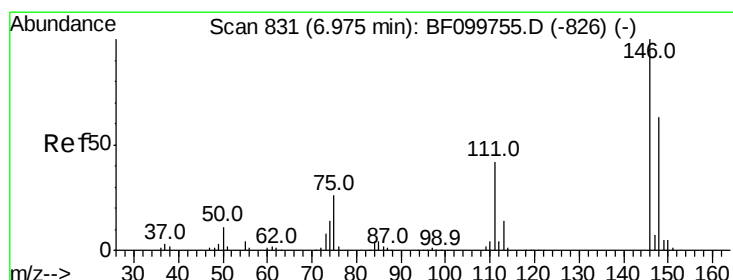
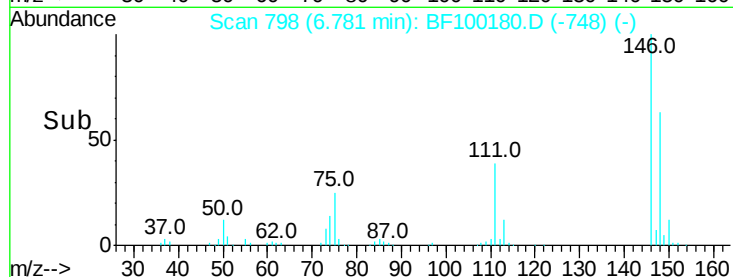
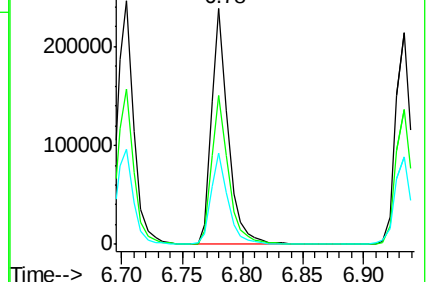
111 39.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.403 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

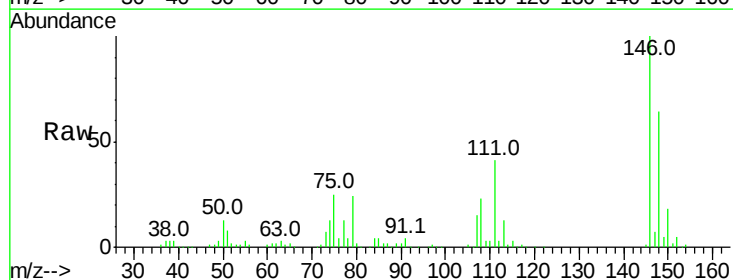
Tgt Ion:146 Resp: 209997

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

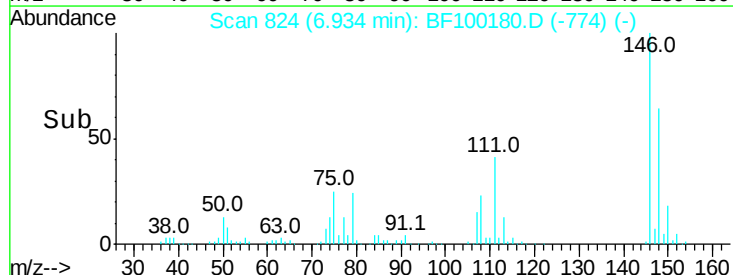
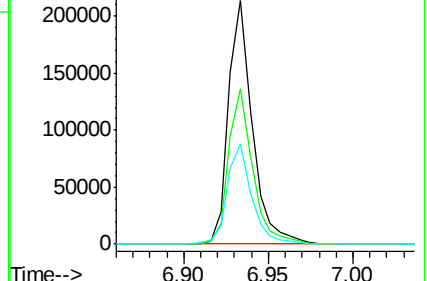
111 41.1 36.0 54.0

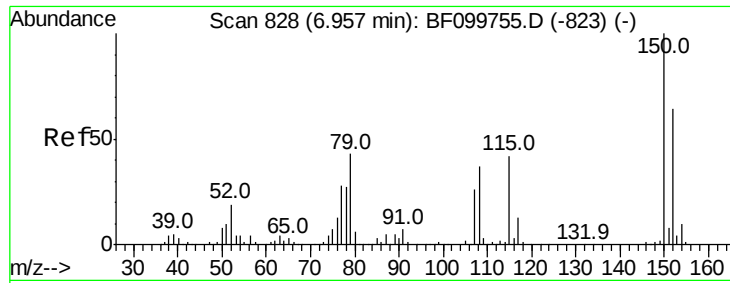


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

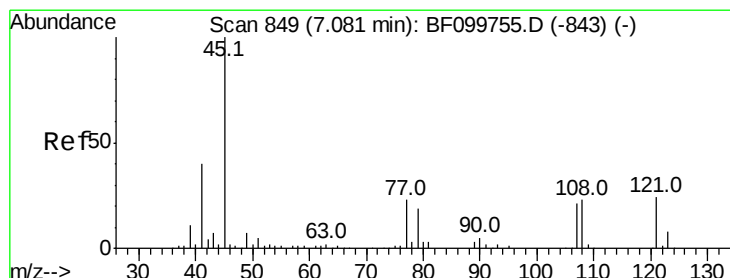
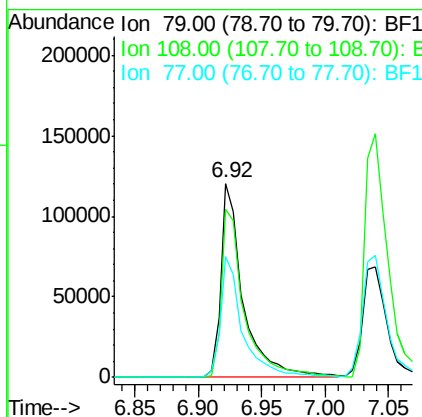
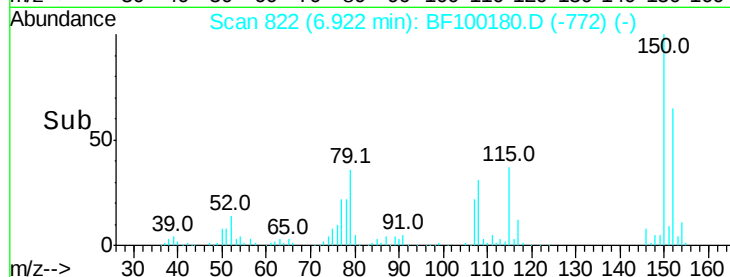
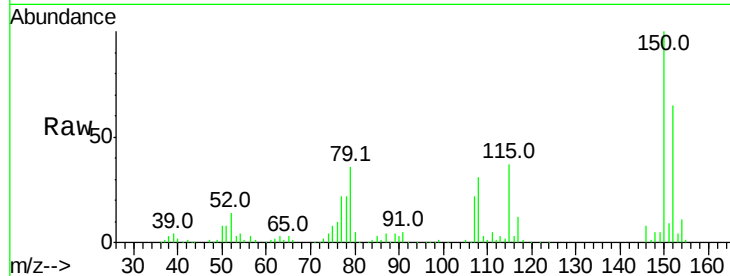




#15
Benzyl Alcohol
Concen: 34.752 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

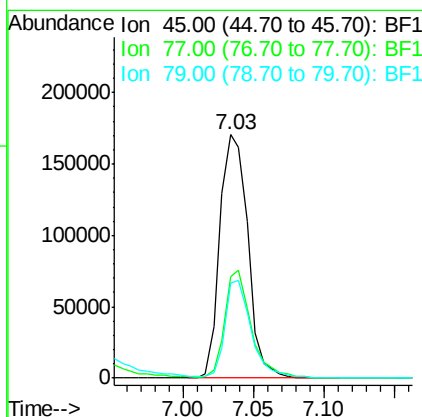
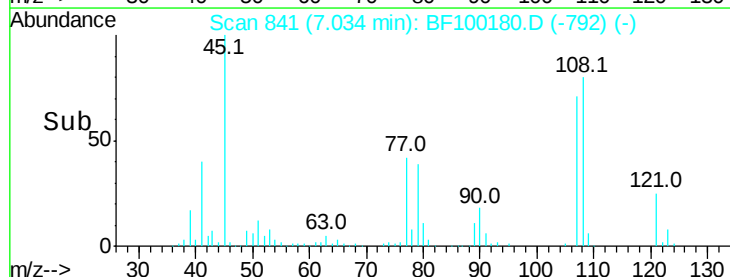
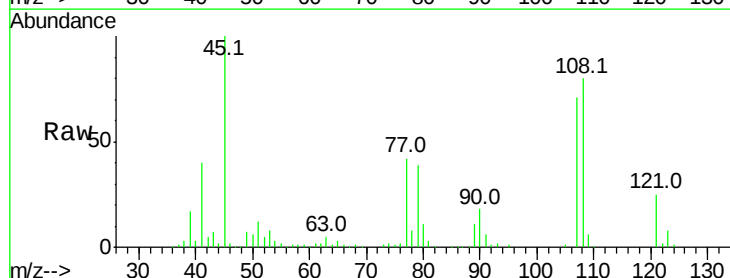
Instrument :
BNA_F
ClientSampled :

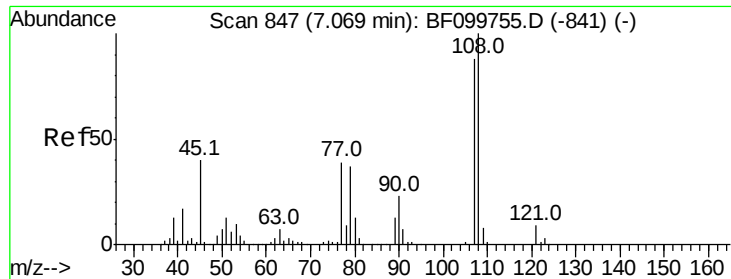
Tot Ion: 79 Resp: 148832
Ion Ratio Lower Upper
79 100
108 86.7 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.987 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 45 Resp: 234594
Ion Ratio Lower Upper
45 100
77 41.9 0.0 32.9#
79 39.1 0.0 29.6#

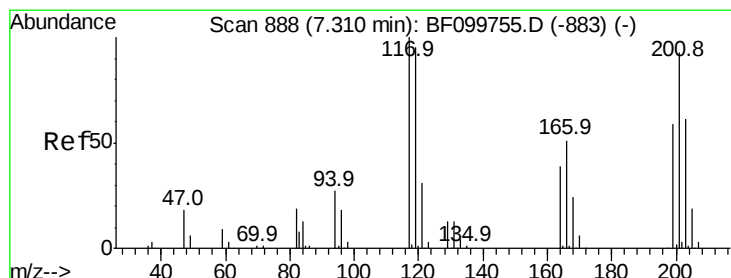
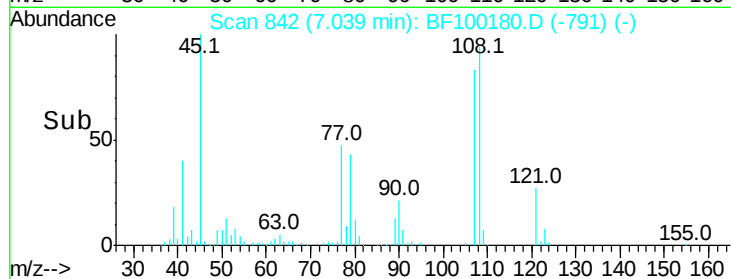
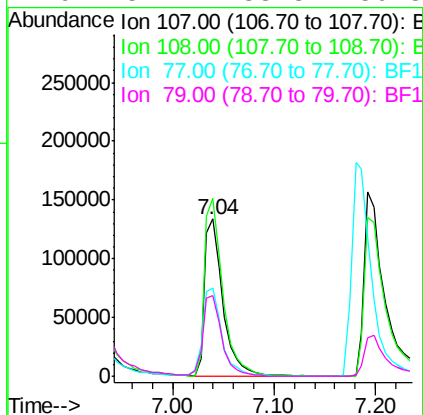
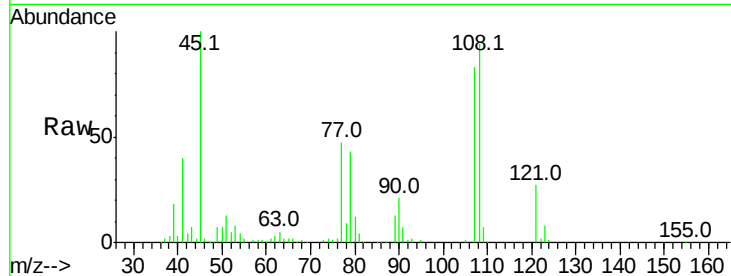




#17
2-Methylphenol
Concen: 33.422 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

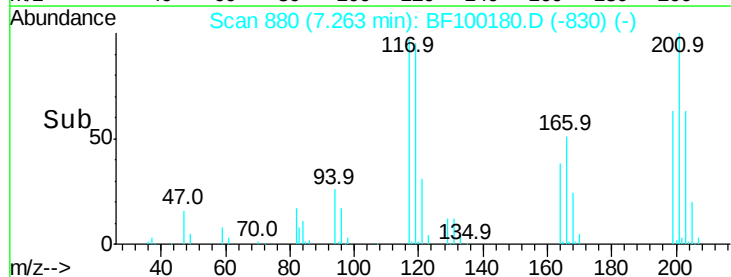
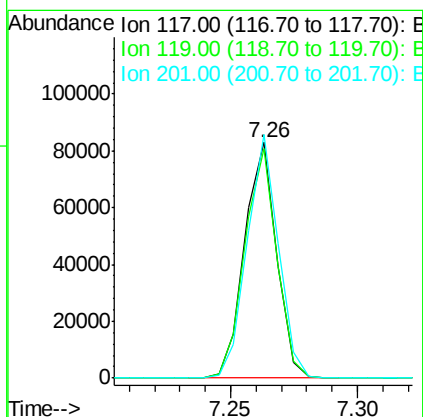
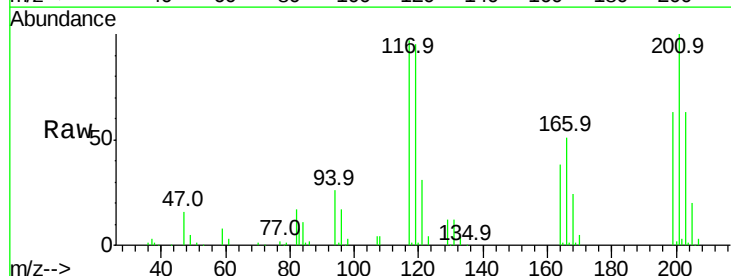
Instrument :
BNA_F
ClientSampleId :

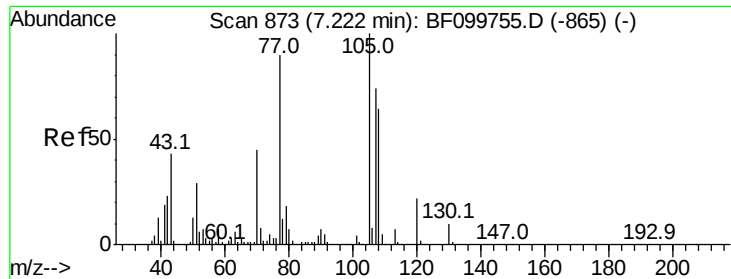
Tot Ion:107 Resp: 169225
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 56.5 33.8 50.8#
79 51.4 33.8 50.8#



#18
Hexachloroethane
Concen: 31.589 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:117 Resp: 72697
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 103.2 75.7 113.5

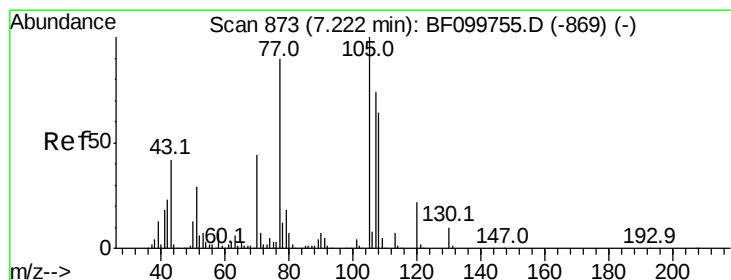
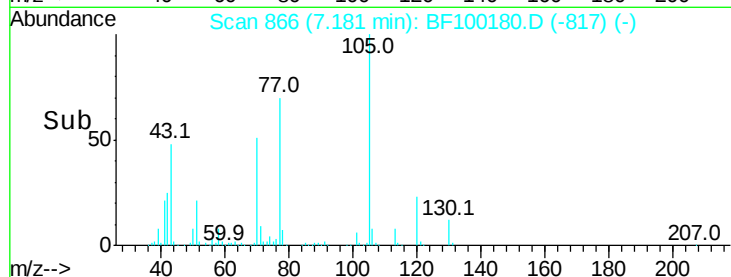
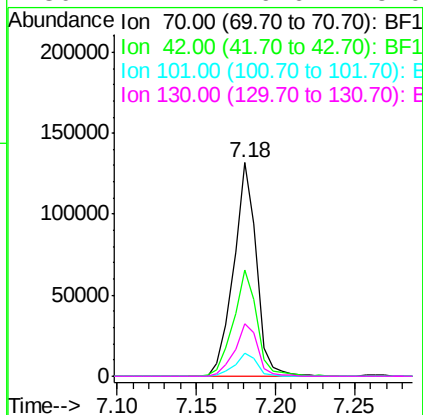
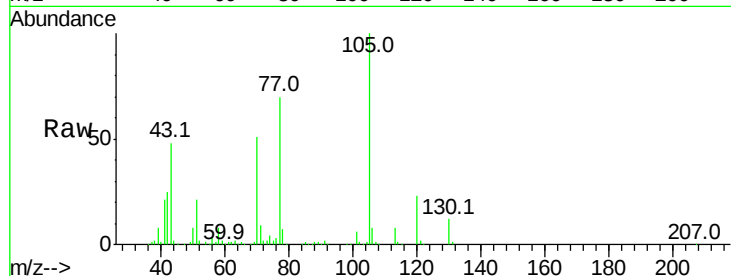




#19
n-Nitroso-di-n-propylamine
Concen: 33.236 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

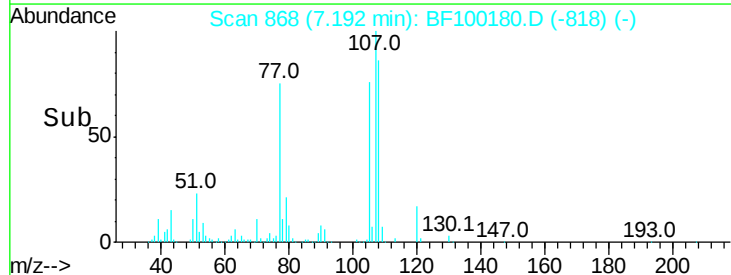
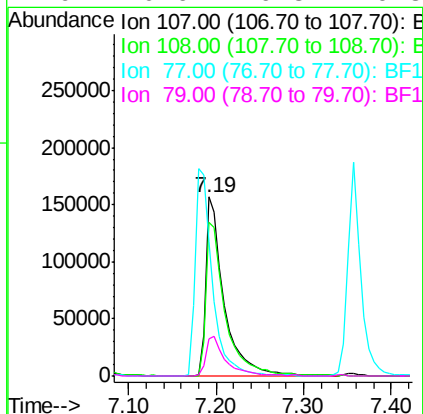
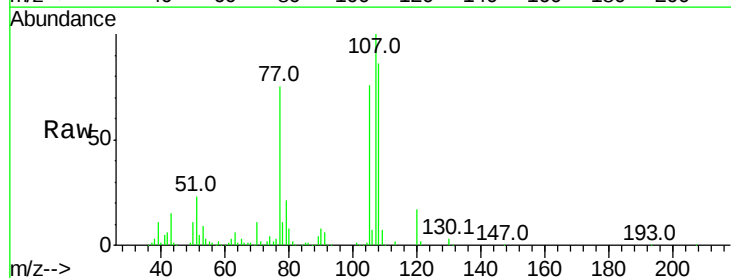
Instrument :
BNA_F
ClientSampleId :

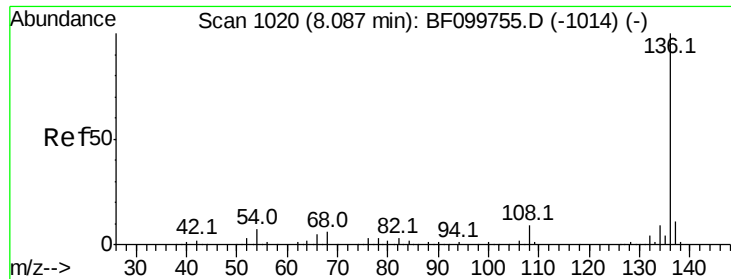
Tot Ion: 70 Resp: 131163
Ion Ratio Lower Upper
70 100
42 49.7 47.5 71.3
101 10.9 7.4 11.2
130 24.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.784 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 107 Resp: 228656
Ion Ratio Lower Upper
107 100
108 86.0 68.2 108.2
77 75.2 26.7 66.7#
79 20.6 6.3 46.3

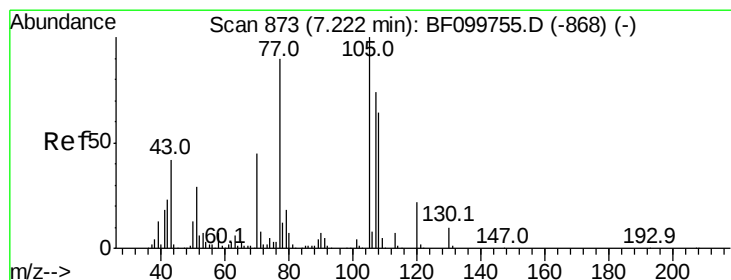
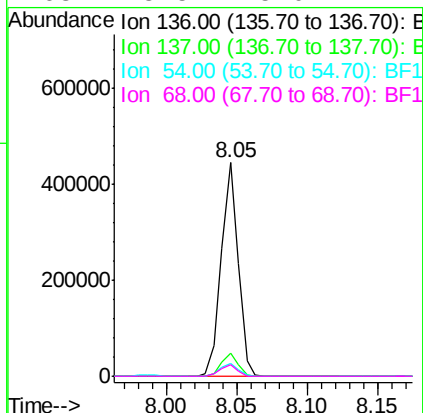
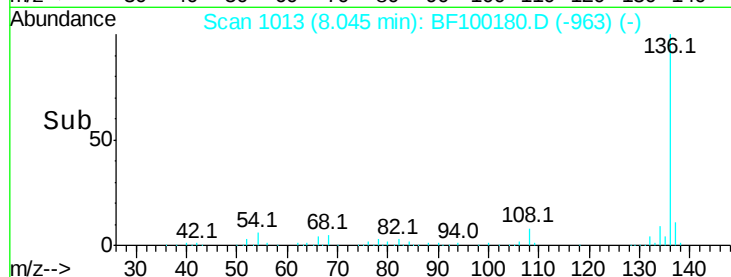
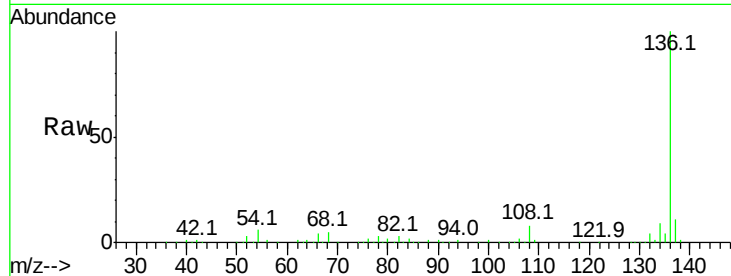




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

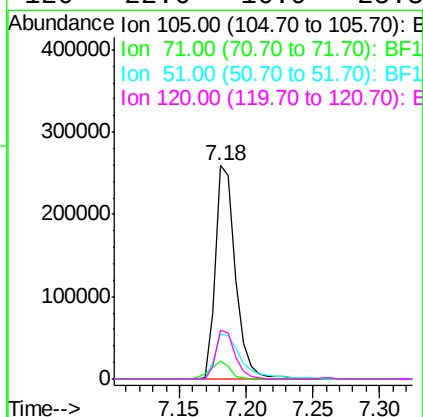
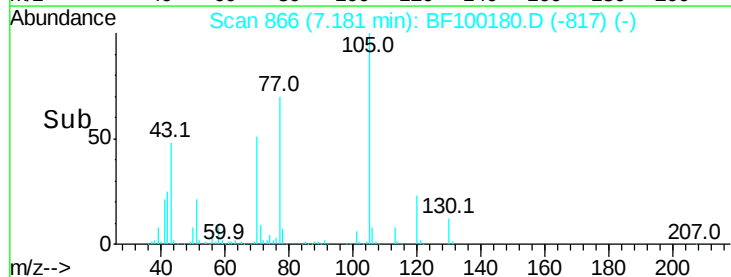
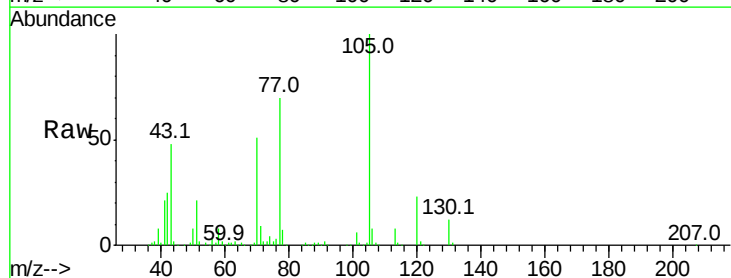
Instrument :
BNA_F
ClientSampleId :

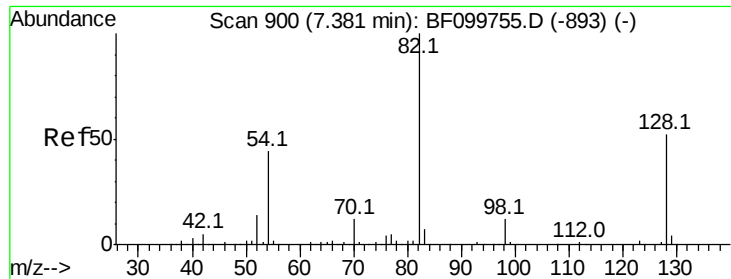
Tot Ion:136	Resp:	371325
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.0	6.6 9.8#
68	5.5	5.0 7.4



#22
Acetophenone
Concen: 32.855 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:105	Resp:	277784
Ion Ratio	Lower	Upper
105	100	
71	8.6	4.4 6.6#
51	20.9	22.3 33.5#
120	22.6	16.9 25.3

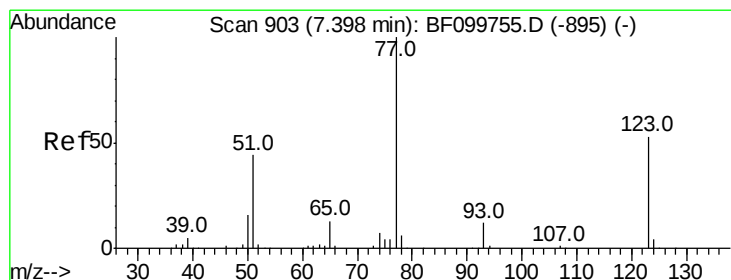
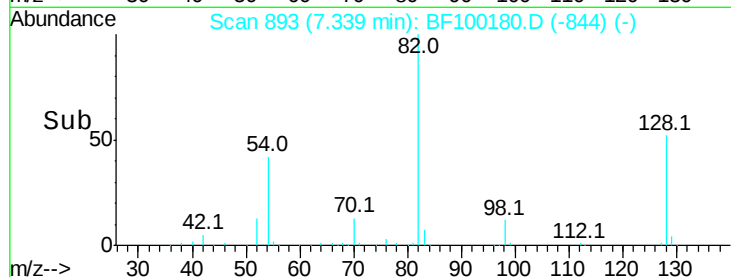
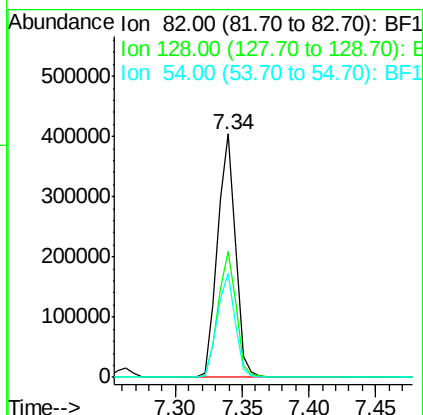
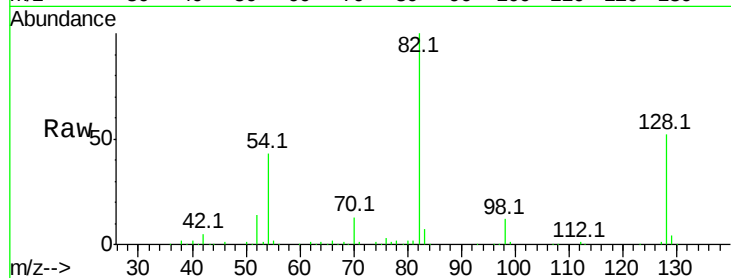




#23
 Nitrobenzene-d5
 Concen: 67.009 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

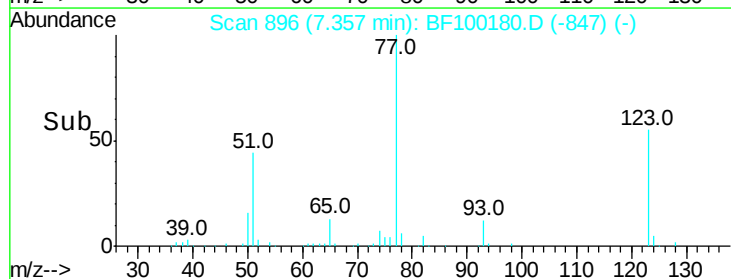
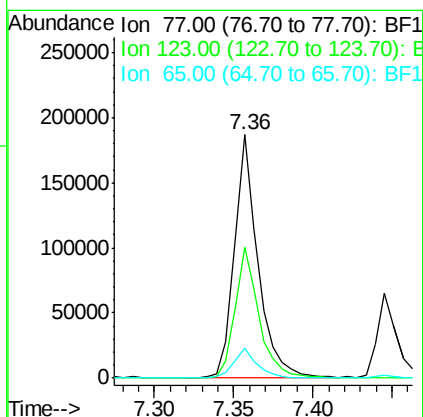
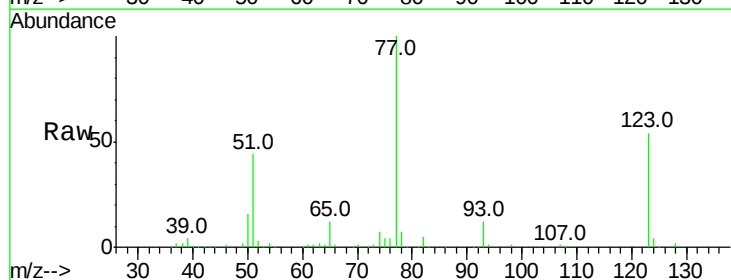
Instrument :
 BNA_F
 ClientSampleId :

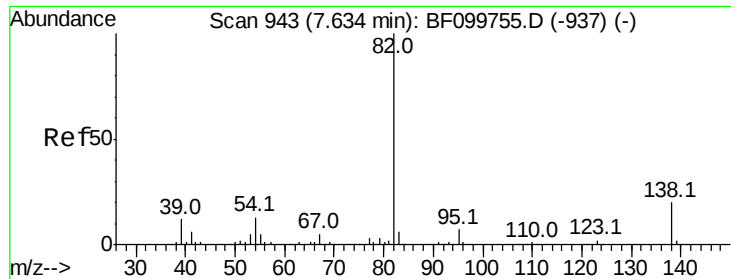
Tot Ion: 82 Resp: 386485
 Ion Ratio Lower Upper
 82 100
 128 51.7 36.1 54.1
 54 42.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 33.436 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion: 77 Resp: 194311
 Ion Ratio Lower Upper
 77 100
 123 54.0 37.9 56.9
 65 12.4 11.0 16.4





#25

Isophorone

Concen: 35.447 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

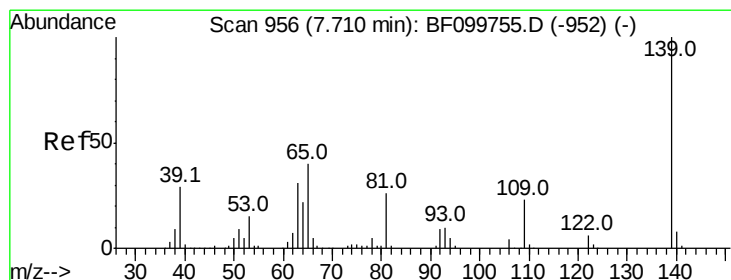
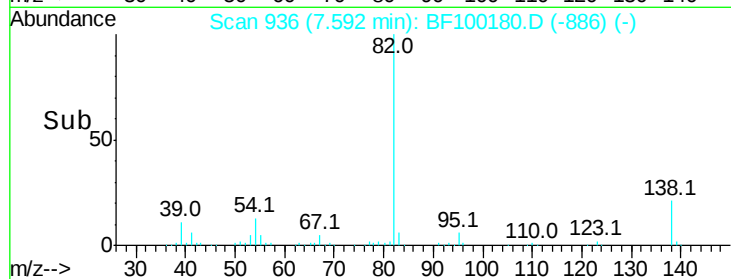
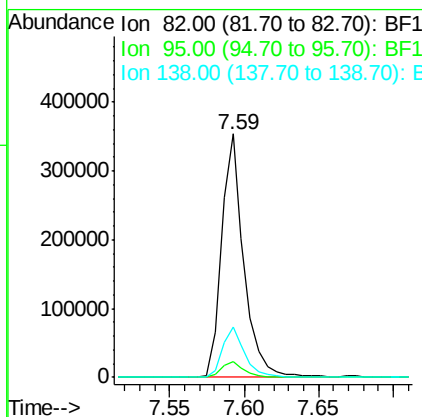
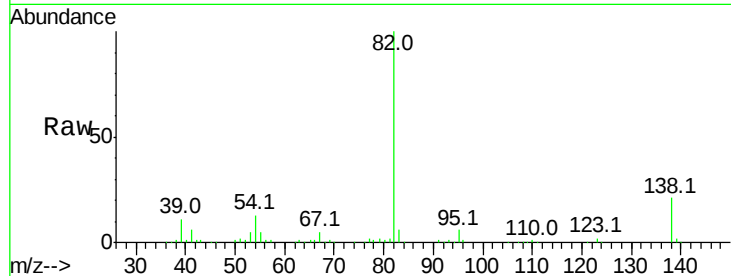
Tot Ion: 82 Resp: 370986

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.6 14.9 22.3



#26

2-Nitrophenol

Concen: 36.459 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

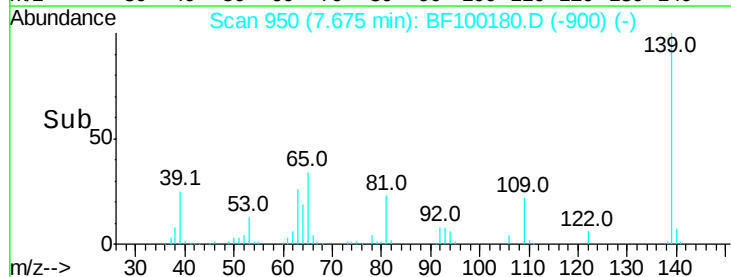
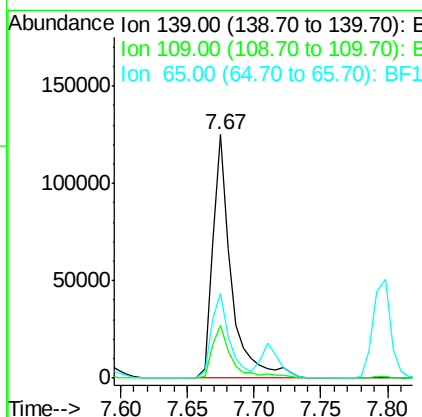
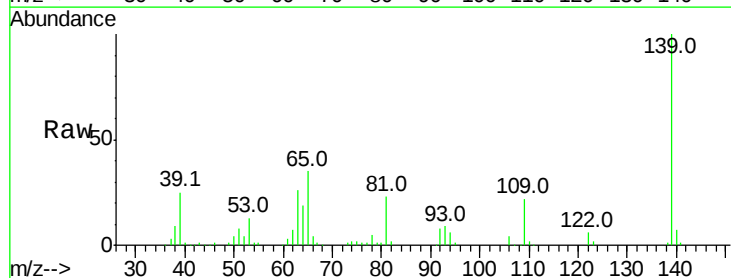
Tgt Ion: 139 Resp: 121354

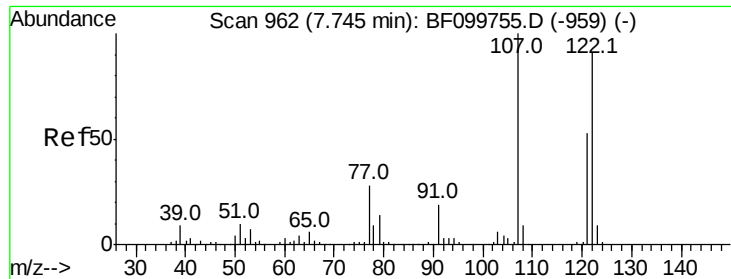
Ion Ratio Lower Upper

139 100

109 21.6 22.7 34.1#

65 34.6 40.5 60.7#

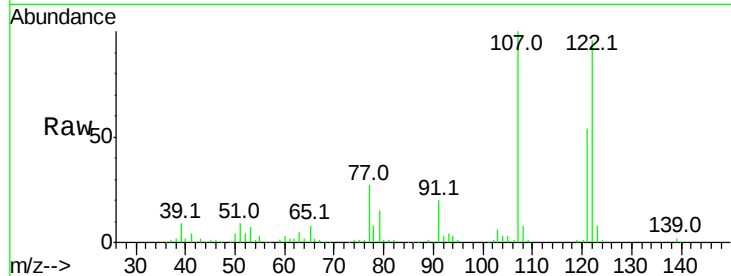




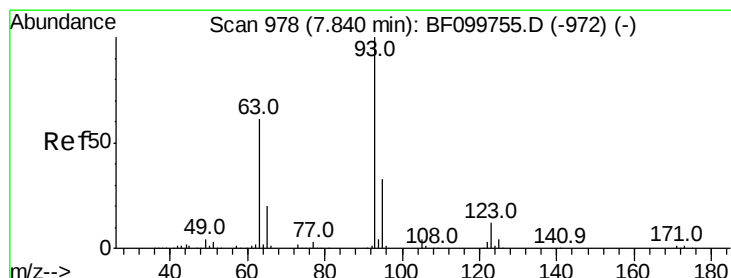
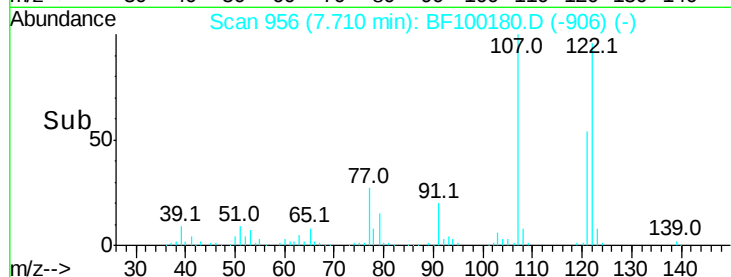
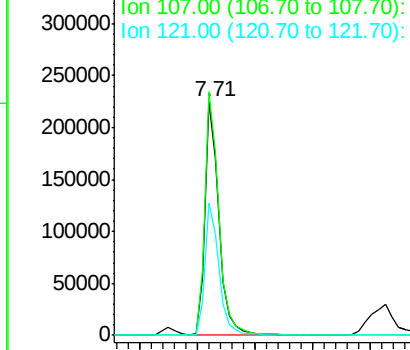
#27
2,4-Dimethylphenol
Concen: 39.284 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 192659
Ion Ratio Lower Upper
122 100
107 104.2 91.2 136.8
121 56.7 47.2 70.8

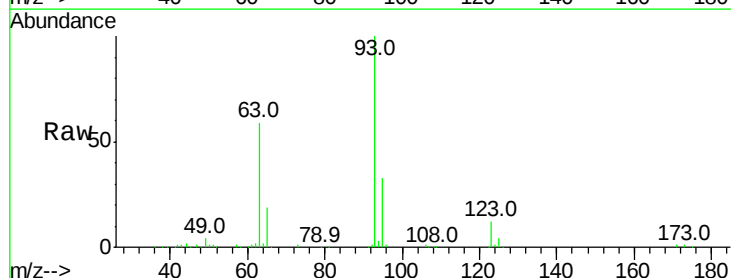


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

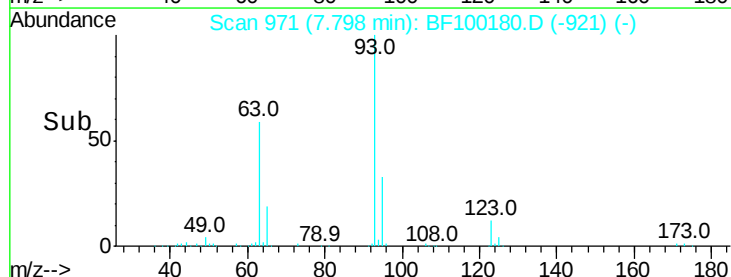
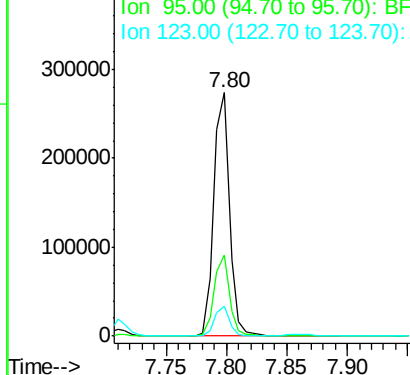


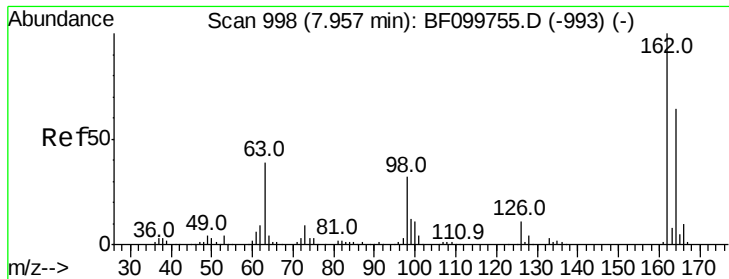
#28
bis(2-Chloroethoxy)methane
Concen: 33.301 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 93 Resp: 244084
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 12.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

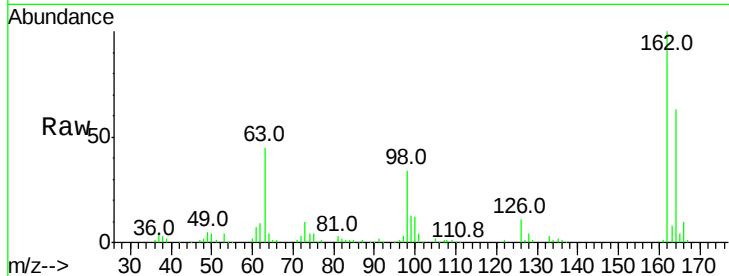




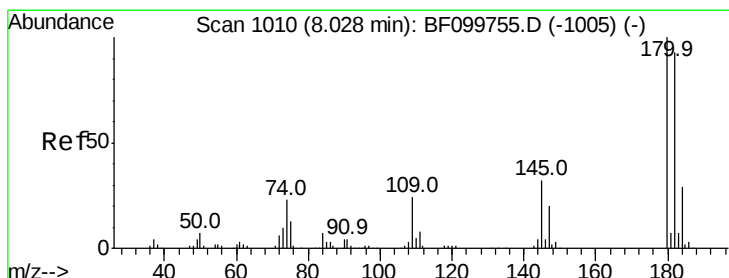
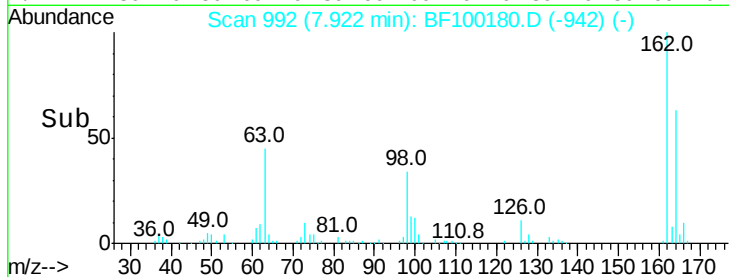
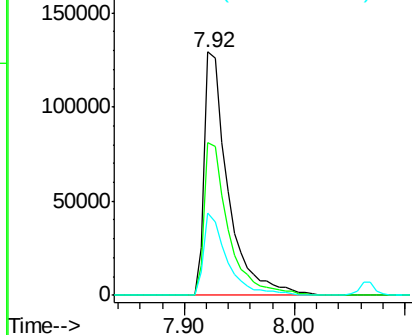
#29
 2,4-Dichlorophenol
 Concen: 37.108 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	33.8	18.1	58.1

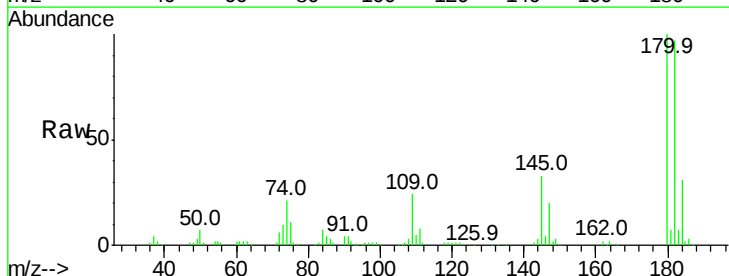


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

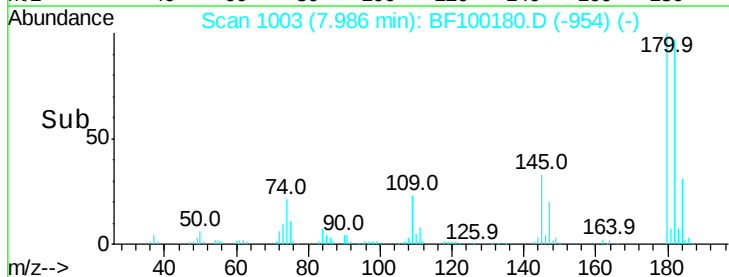
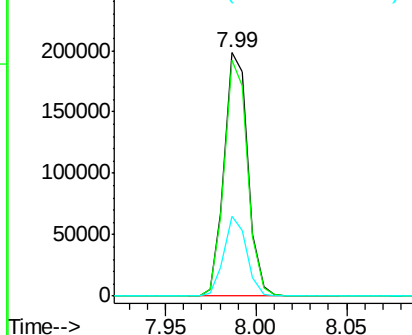


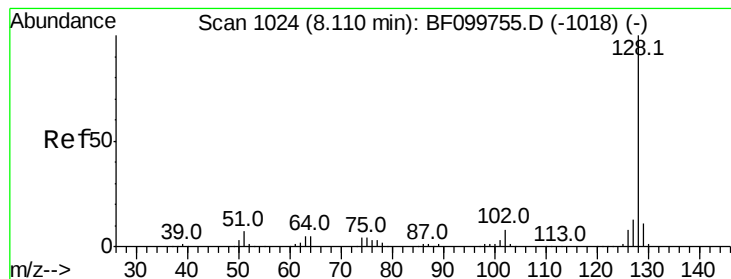
#30
 1,2,4-Trichlorobenzene
 Concen: 33.362 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	32.6	26.5	39.7



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





#31

Naphthalene

Concen: 33.737 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

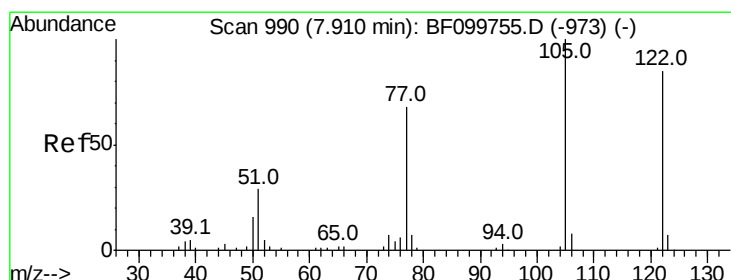
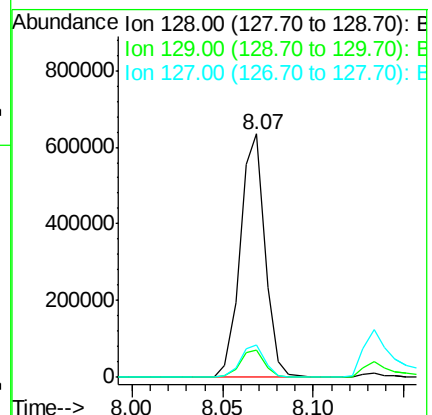
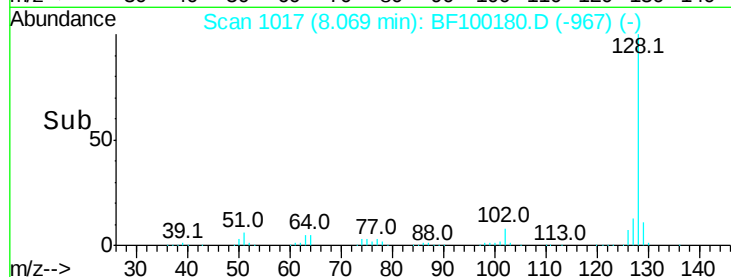
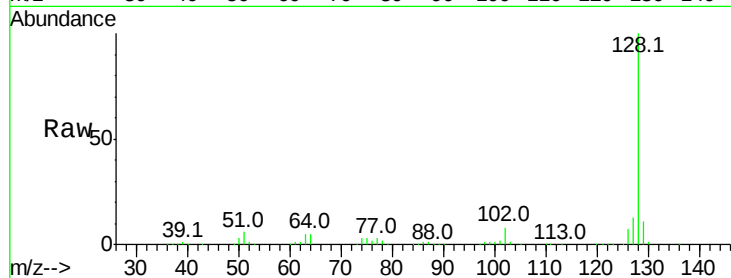
Tot Ion:128 Resp: 604705

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 12.097 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

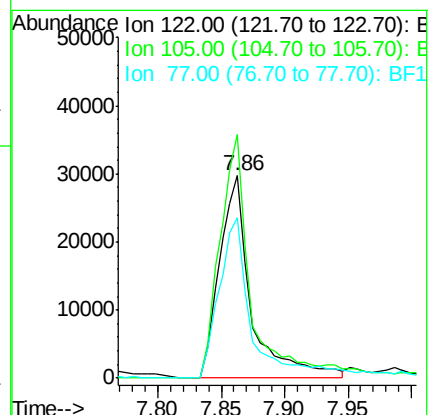
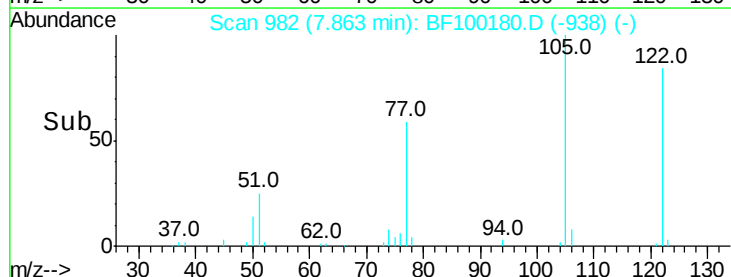
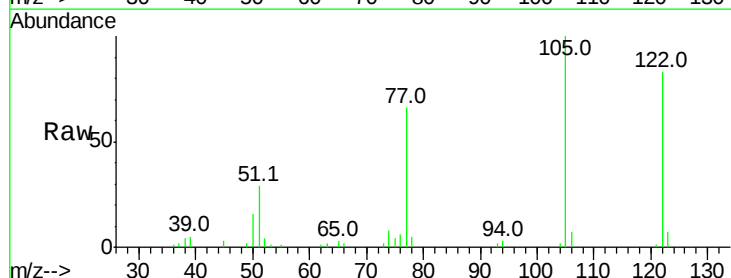
Tgt Ion:122 Resp: 52222

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

77 79.4 70.7 110.7

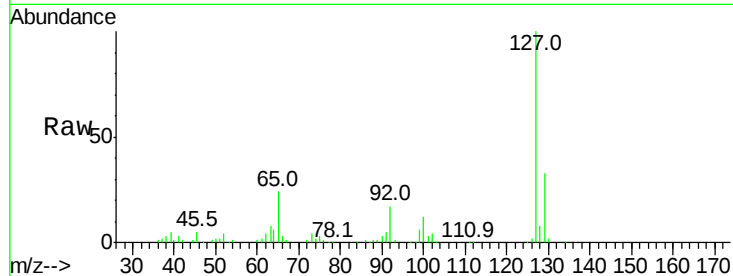




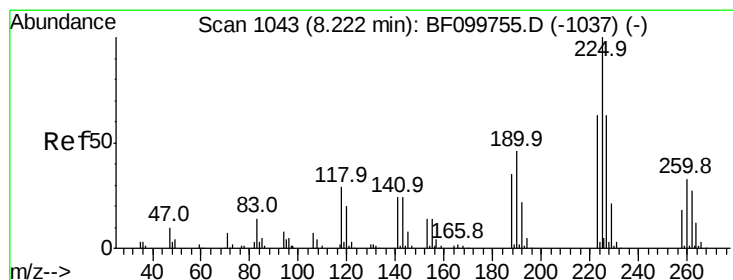
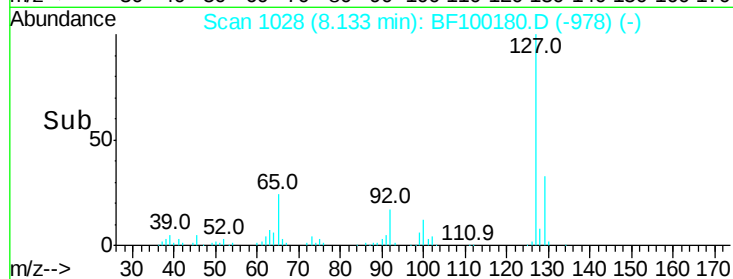
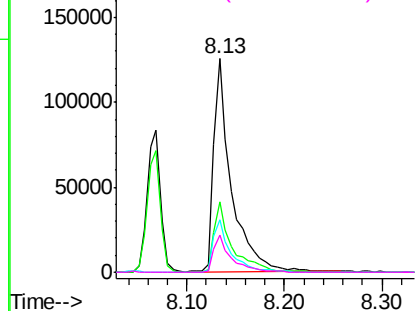
#33
4-Chloroaniline
Concen: 21.284 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	157534
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	24.3	25.0	37.4
92	17.2	15.2	22.8

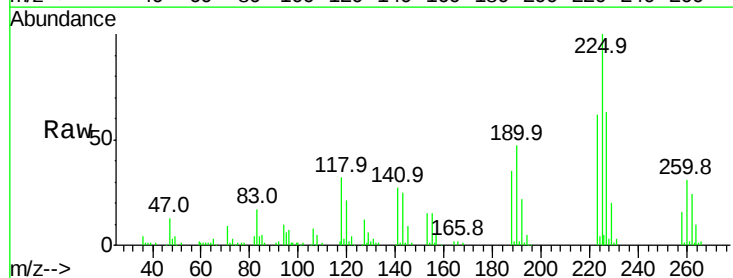


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

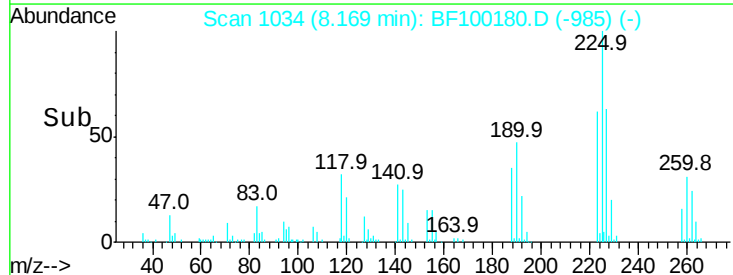
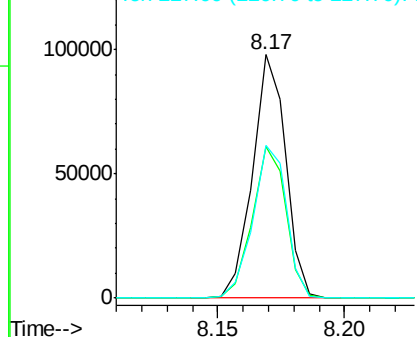


#34
Hexachlorobutadiene
Concen: 31.872 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:	225	Resp:	89240
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	62.7	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: 19.458 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

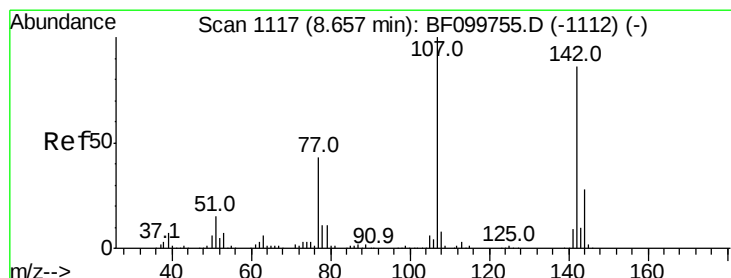
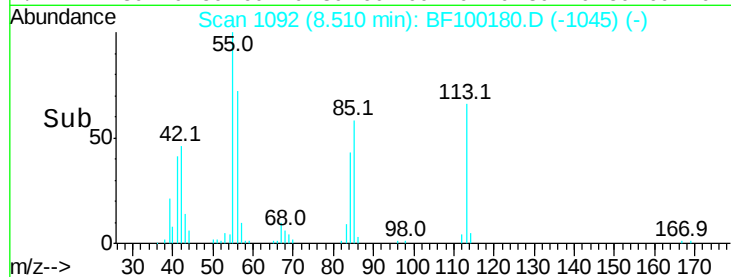
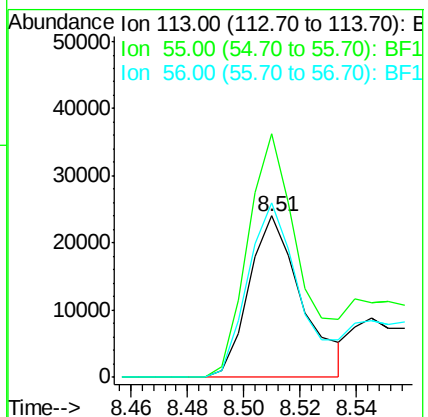
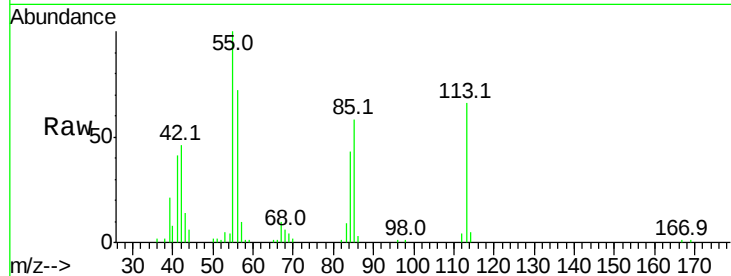
Tot Ion:113 Resp: 31174

Ion Ratio Lower Upper

113 100

55 151.1 163.3 203.3#

56 108.2 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 35.050 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

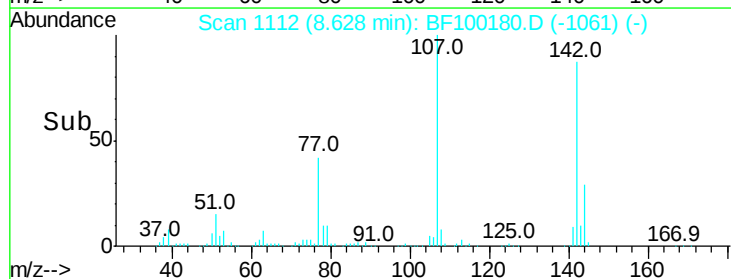
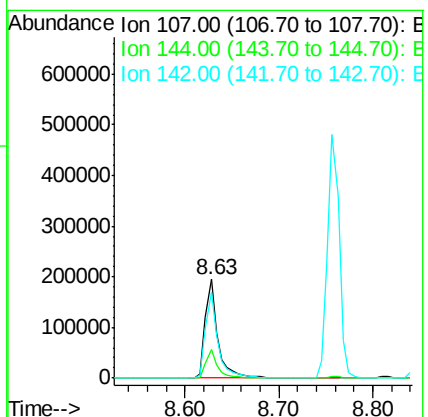
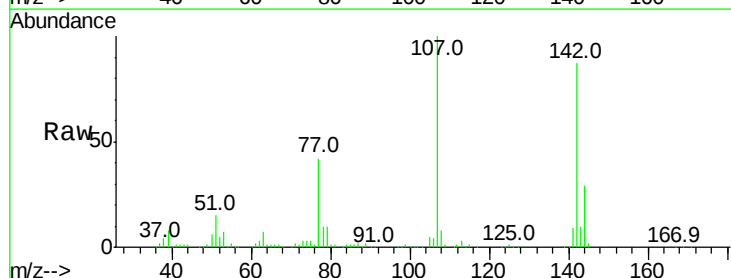
Tgt Ion:107 Resp: 182262

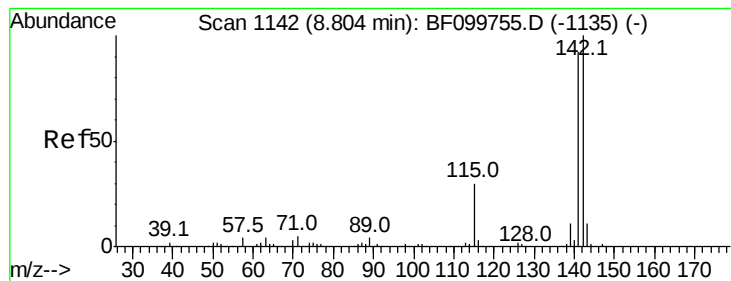
Ion Ratio Lower Upper

107 100

144 29.5 20.5 30.7

142 87.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.036 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

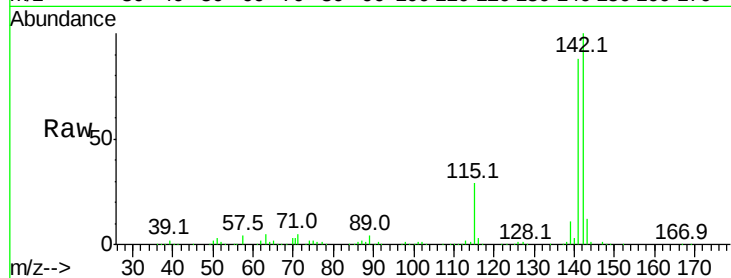
Tot Ion:142 Resp: 420845

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2

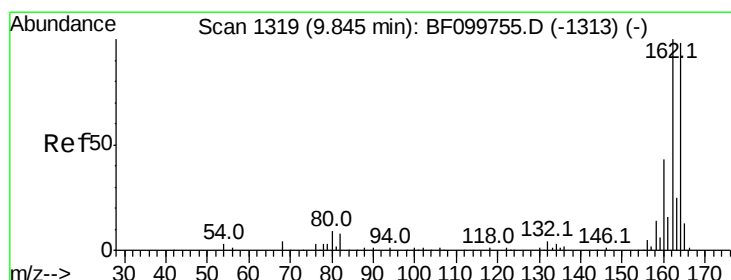
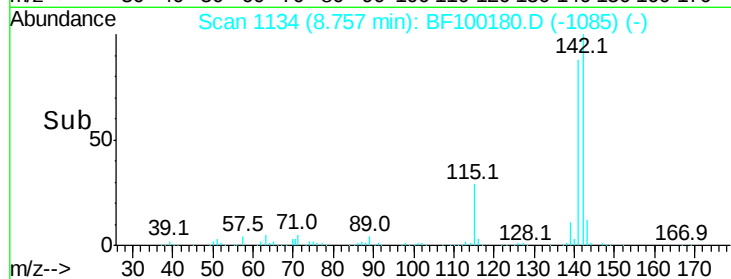
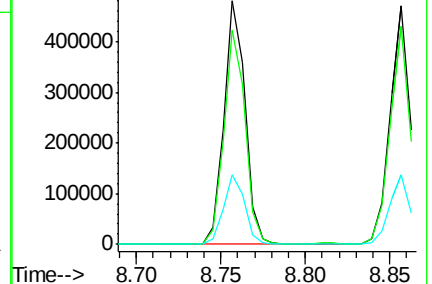
115 28.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

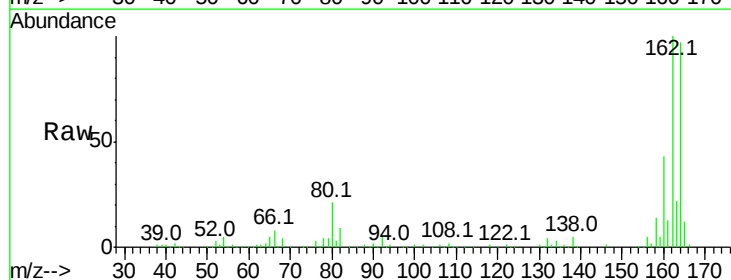
Tgt Ion:164 Resp: 175090

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

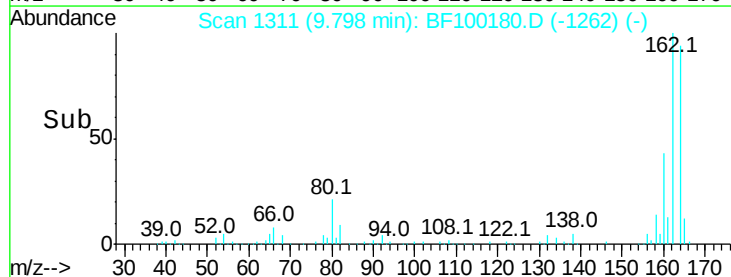
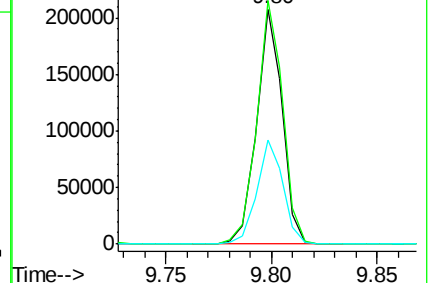
160 44.0 38.3 57.5

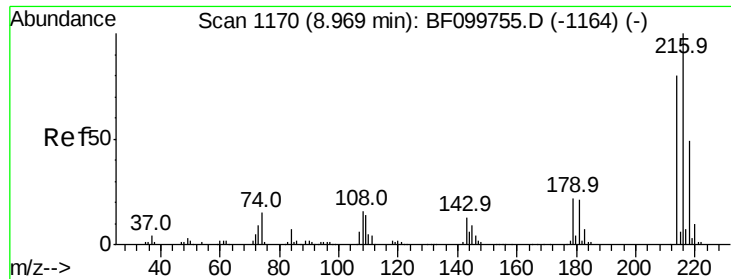


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

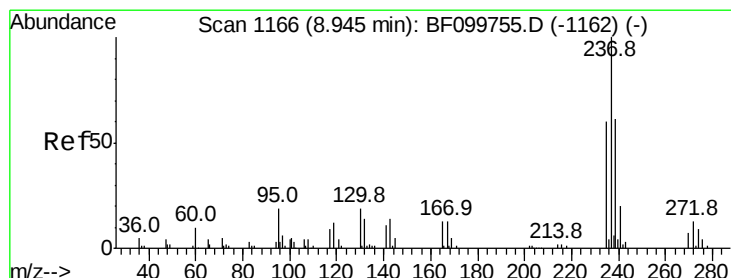
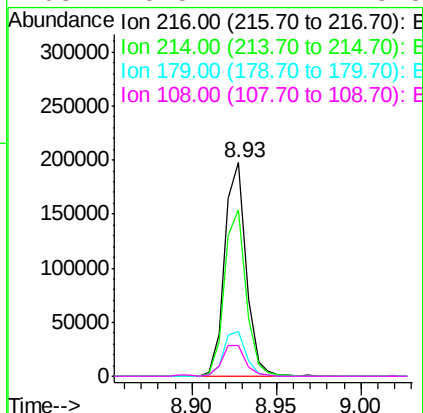
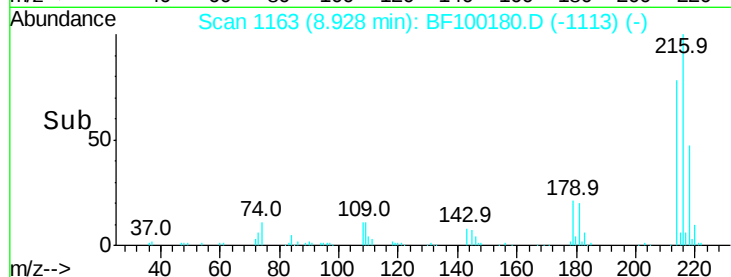
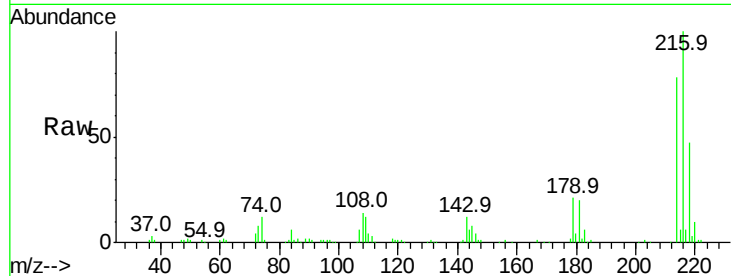




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.030 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

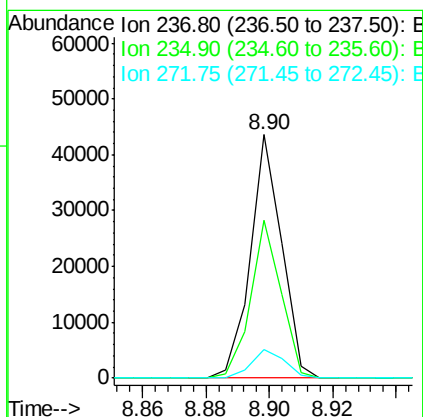
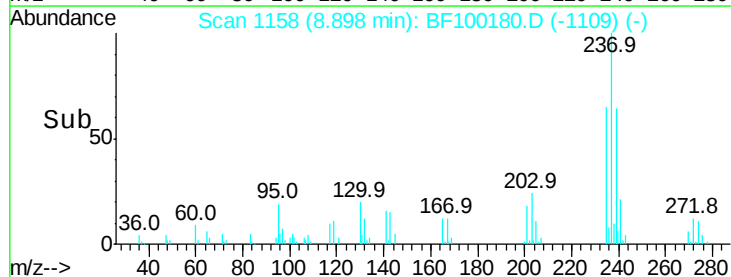
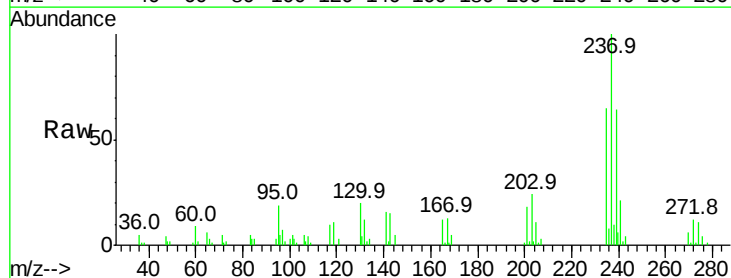
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	175471
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	18.1	27.1
108	16.5	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 36.517 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion:	237	Resp:	29801
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	11.7	0.0	33.3

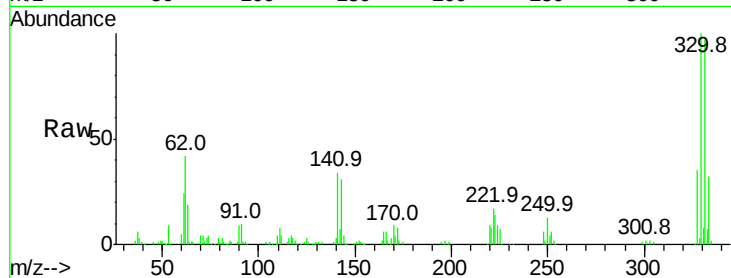




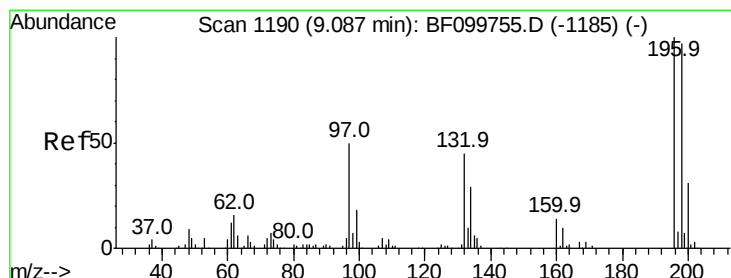
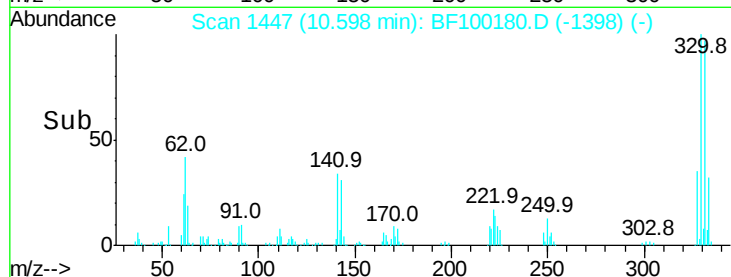
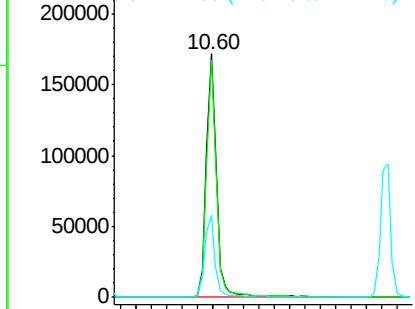
#41
 2,4,6-Tribromophenol
 Concen: 101.739 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162337
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 33.2 29.9 44.9

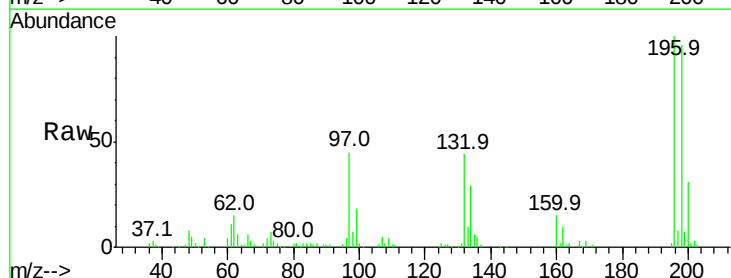


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

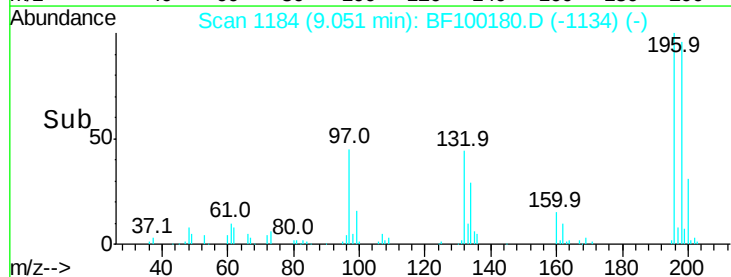
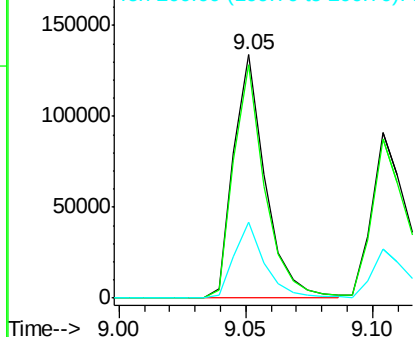


#42
 2,4,6-Trichlorophenol
 Concen: 33.993 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion:196 Resp: 116275
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 30.9 24.5 36.7



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

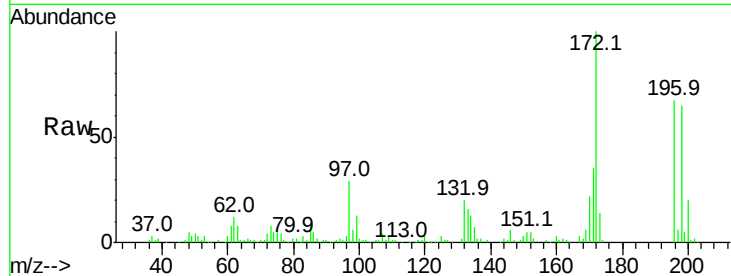




#43
 2,4,5-Trichlorophenol
 Concen: 31.074 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	42.7	42.9	64.3
132	29.9	26.3	39.5



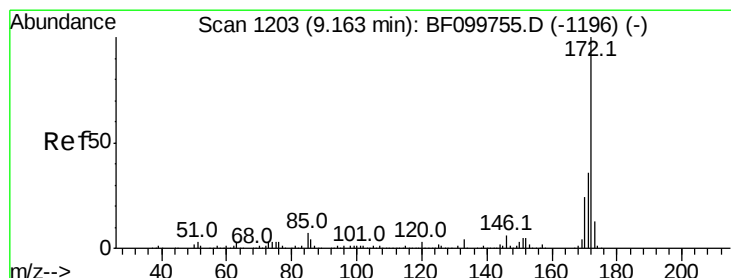
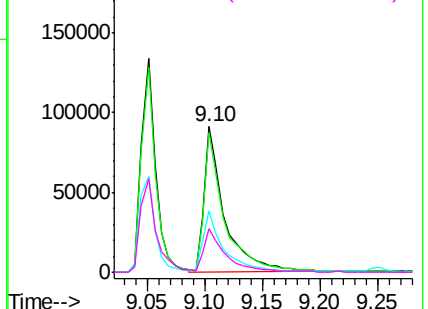
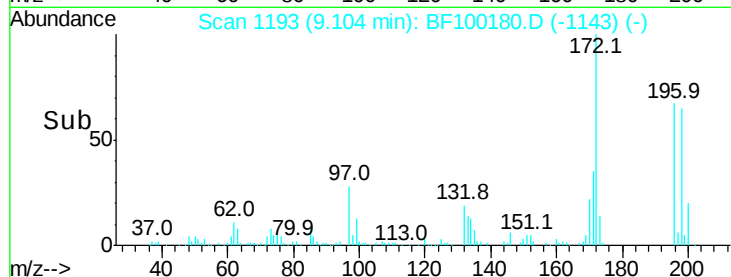
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

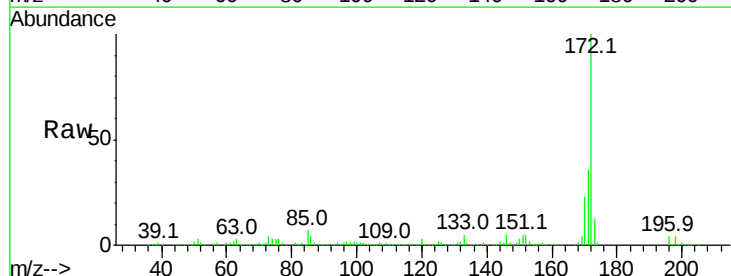
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.410 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.0	19.6	29.4

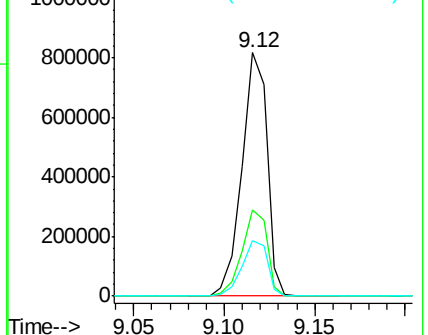
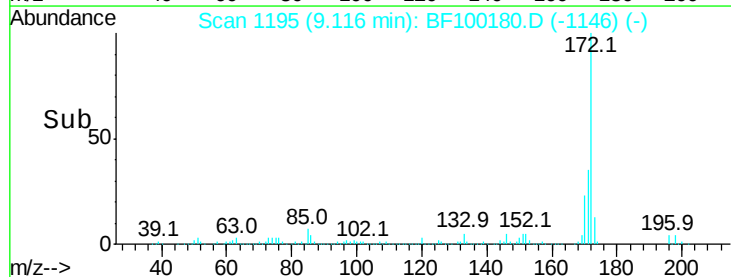


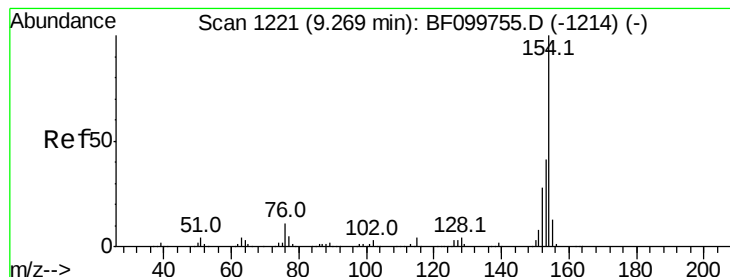
Abundance

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: 31.661 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

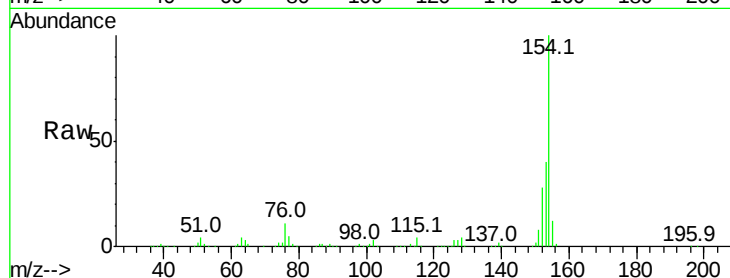
Tot Ion:154 Resp: 501496

Ion Ratio Lower Upper

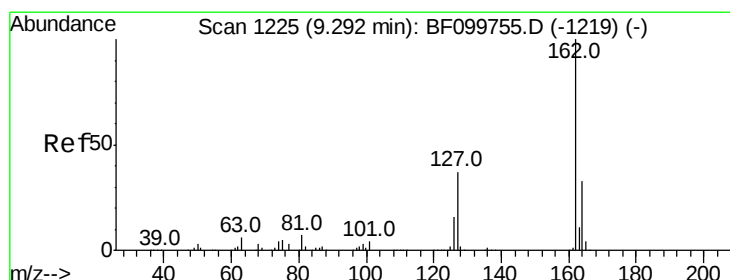
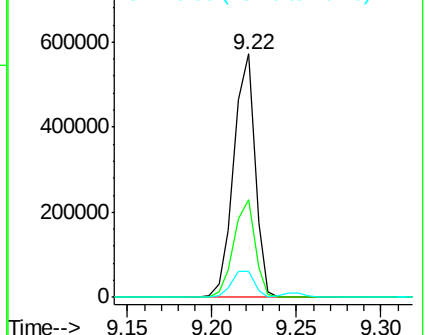
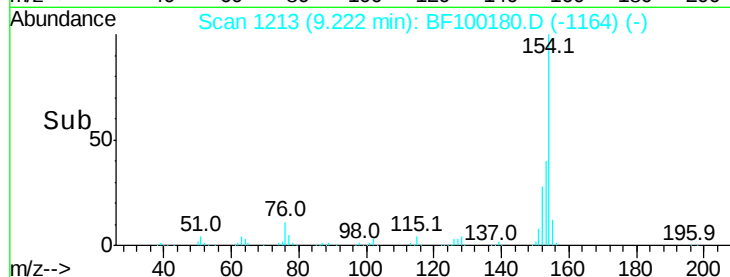
154 100

153 40.4 21.3 61.3

76 10.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 33.798 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

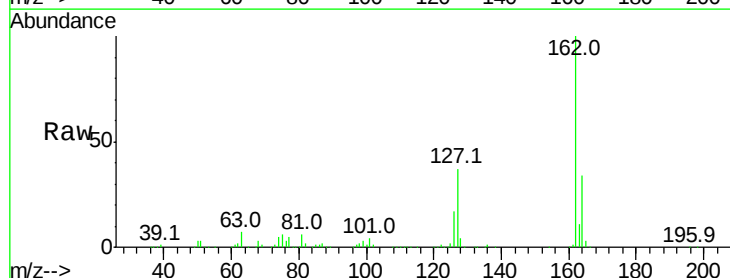
Tgt Ion:162 Resp: 388781

Ion Ratio Lower Upper

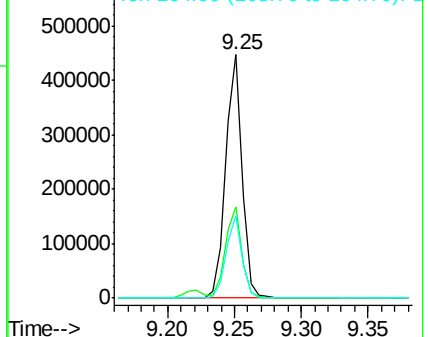
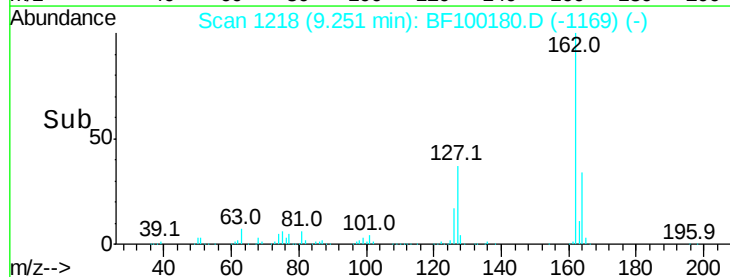
162 100

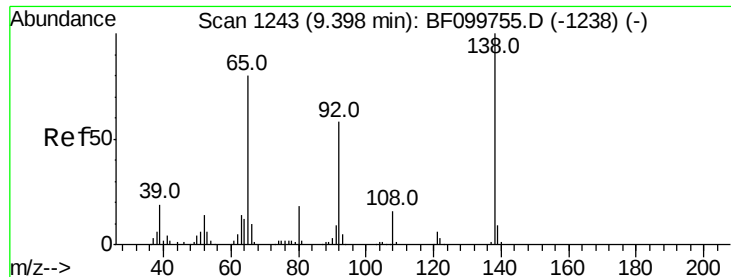
127 37.4 33.9 50.9

164 33.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

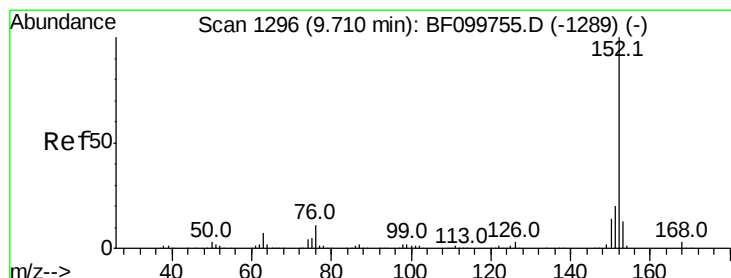
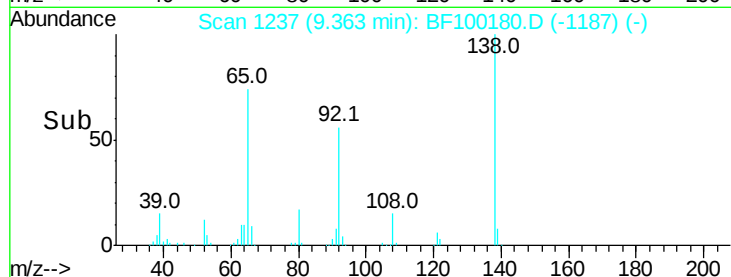
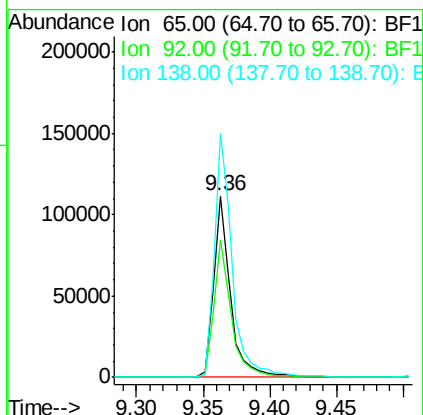
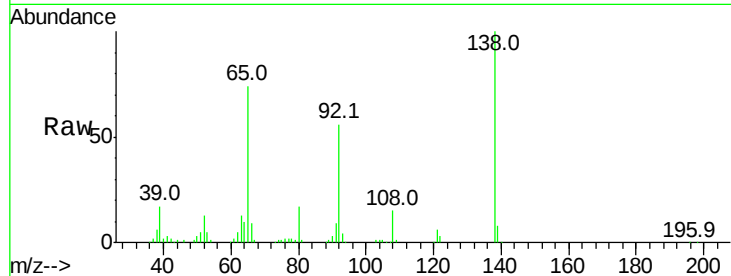




#47
2-Nitroaniline
Concen: 32.912 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

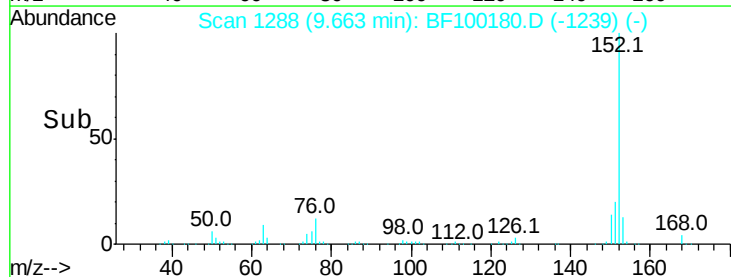
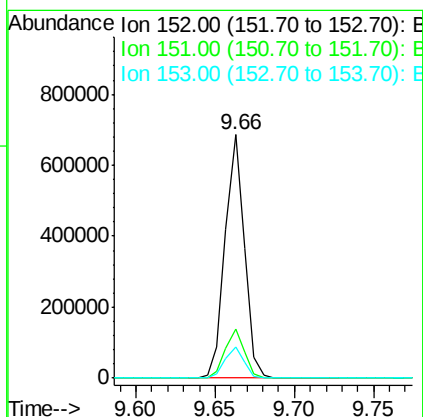
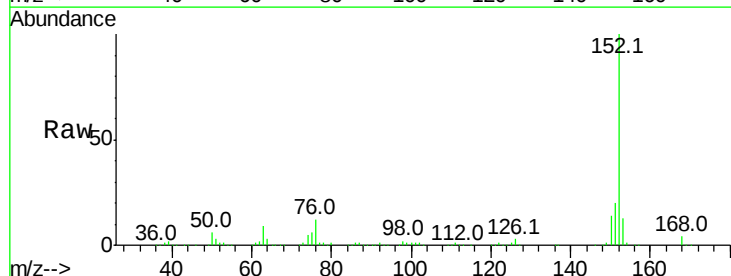
Instrument :
BNA_F
ClientSampleId :

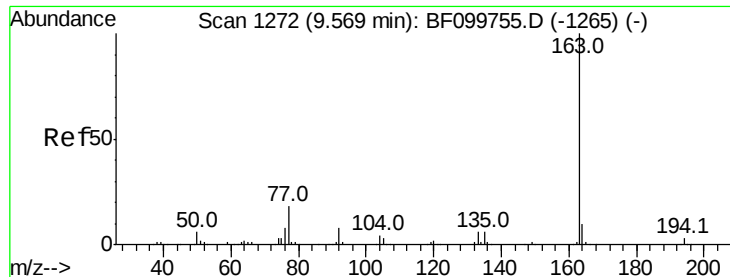
Tot Ion: 65 Resp: 99364
Ion Ratio Lower Upper
65 100
92 75.5 55.8 83.6
138 134.3 91.2 136.8



#48
Acenaphthylene
Concen: 32.671 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 152 Resp: 578830
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.0 10.7 16.1

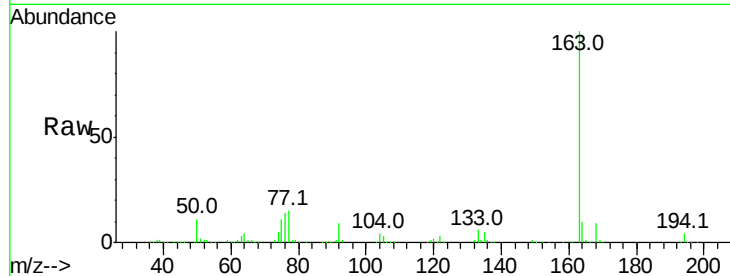




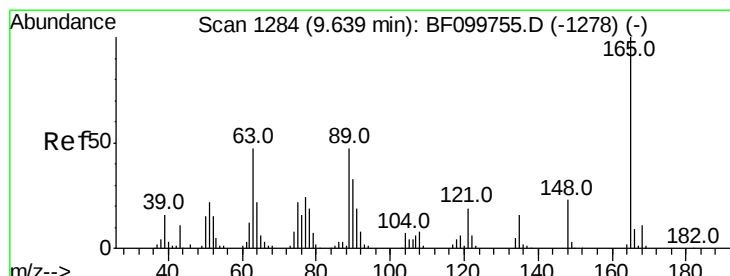
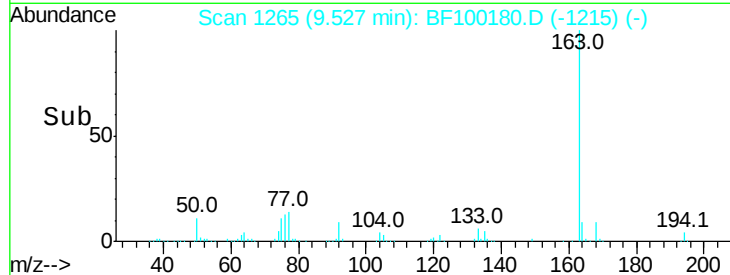
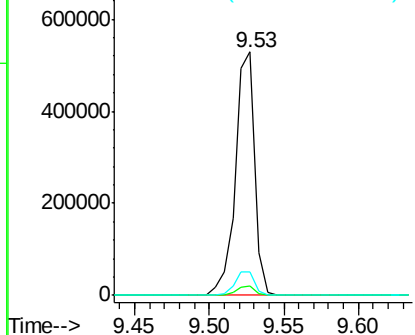
#49
Dimethylphthalate
Concen: 34.746 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 481771
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

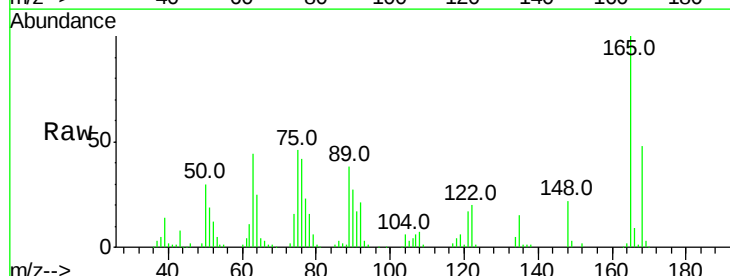


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

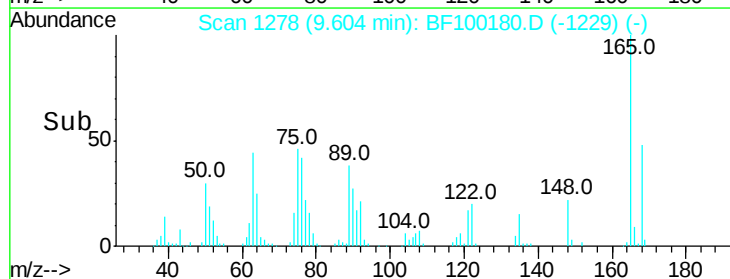
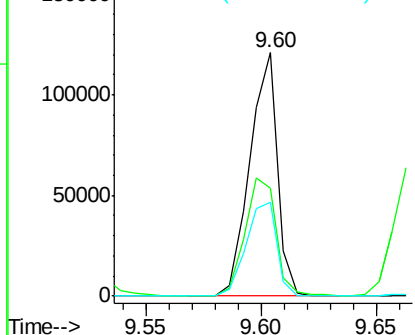


#50
2,6-Dinitrotoluene
Concen: 34.790 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:165 Resp: 101410
Ion Ratio Lower Upper
165 100
63 44.4 44.7 67.1#
89 38.4 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.195 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

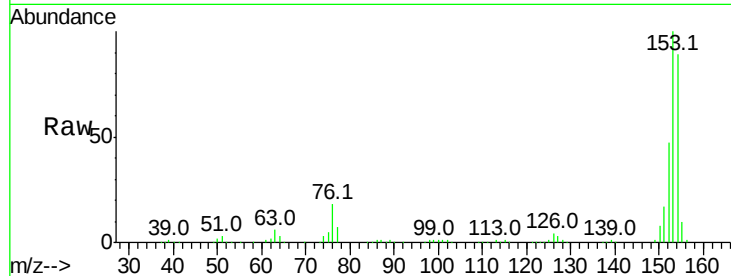
Tot Ion:154 Resp: 348531

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

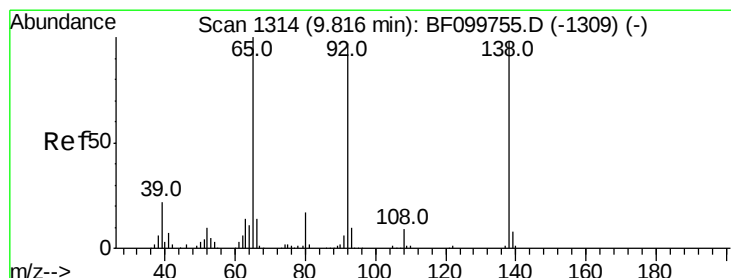
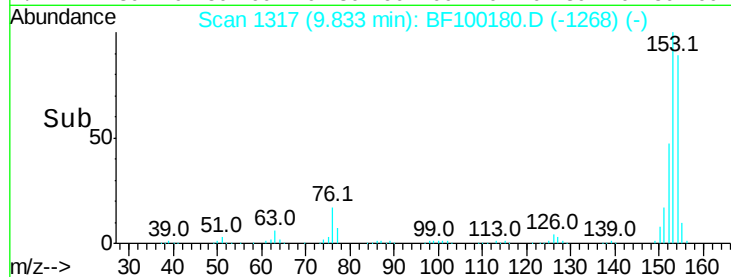
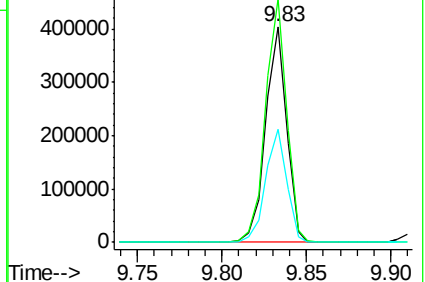
152 52.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.764 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

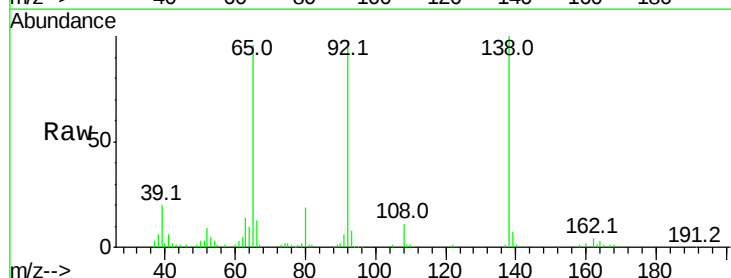
Tgt Ion:138 Resp: 85055

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

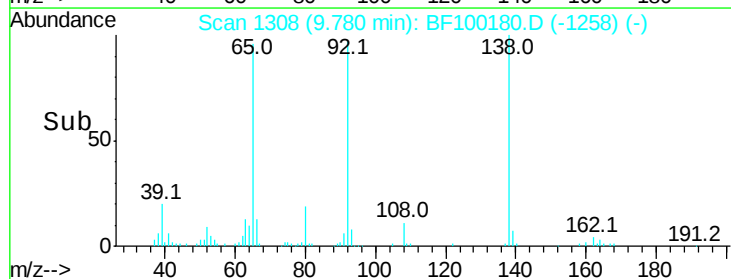
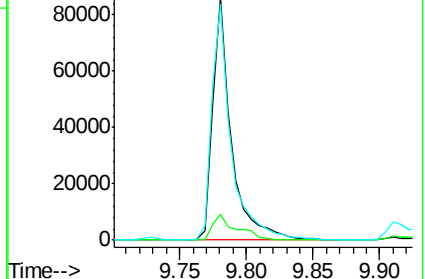
92 97.1 89.4 134.2

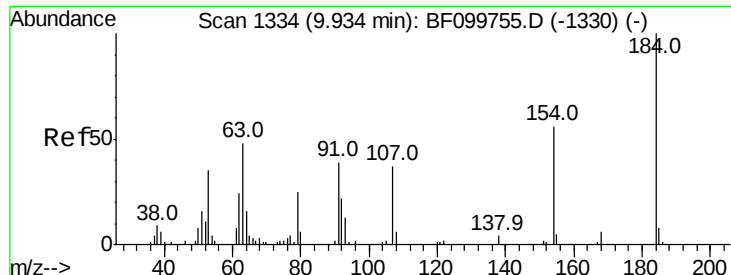


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

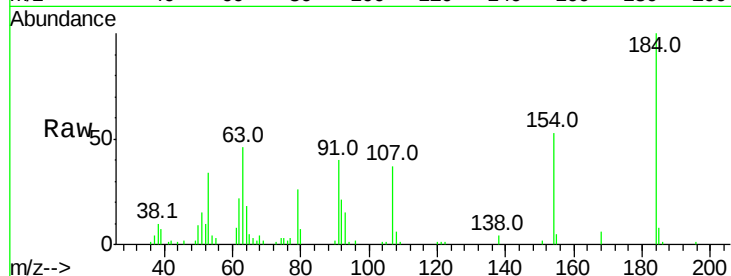




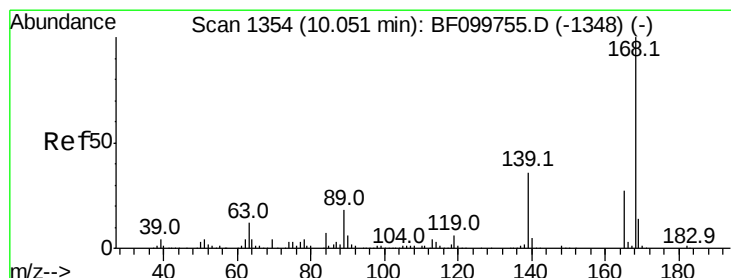
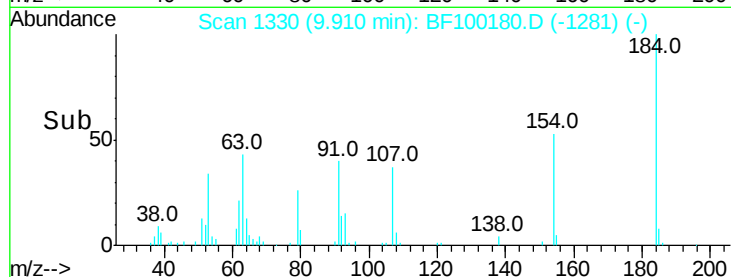
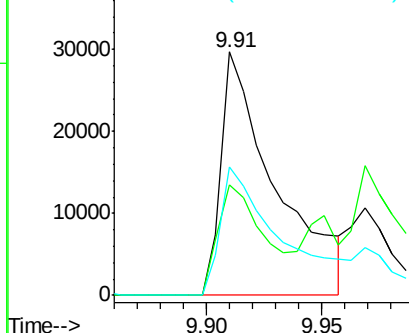
#53
2,4-Dinitrophenol
Concen: 45.060 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 48738
Ion Ratio Lower Upper
184 100
63 45.6 54.2 81.2#
154 53.0 53.5 80.3#

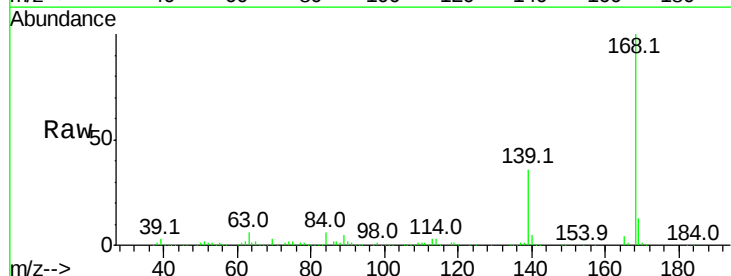


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

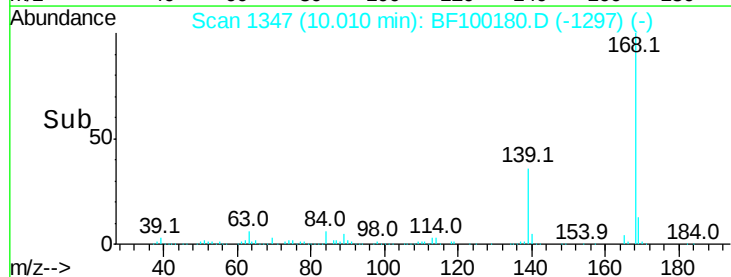
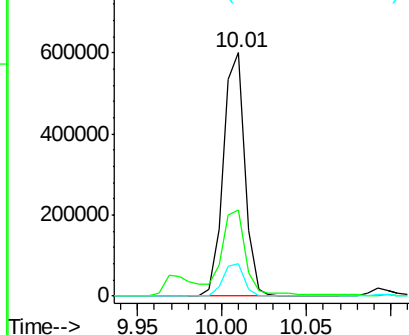


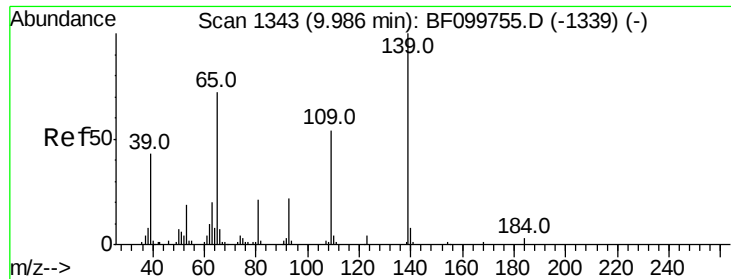
#54
Dibenzofuran
Concen: 34.815 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:168 Resp: 532007
Ion Ratio Lower Upper
168 100
139 35.5 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

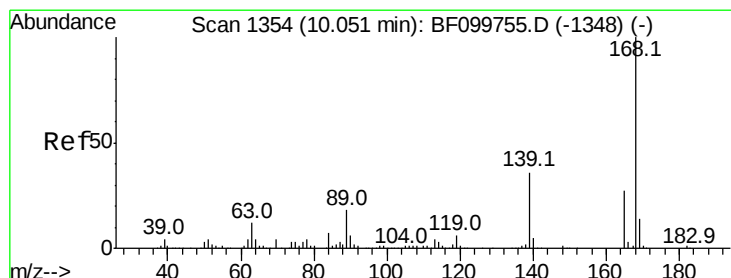
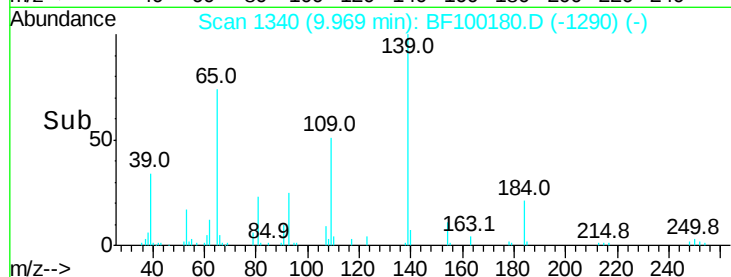
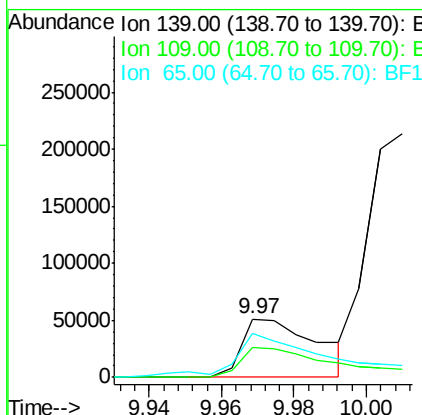
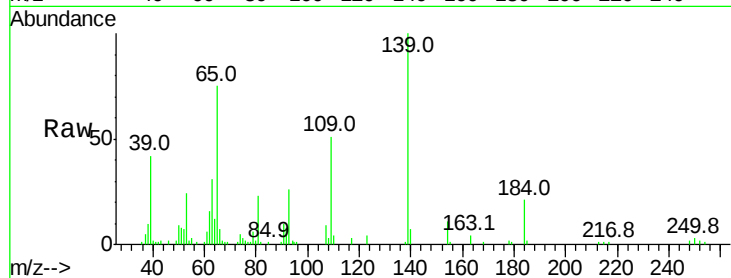




#55
4-Nitrophenol
Concen: 40.693 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

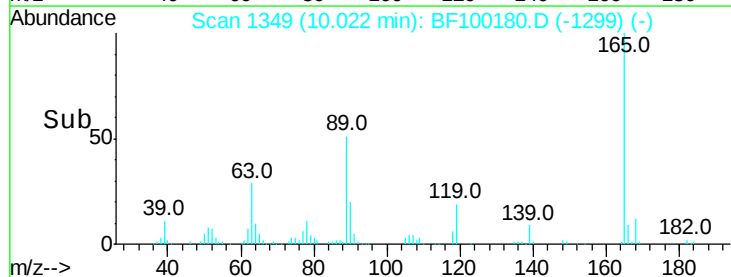
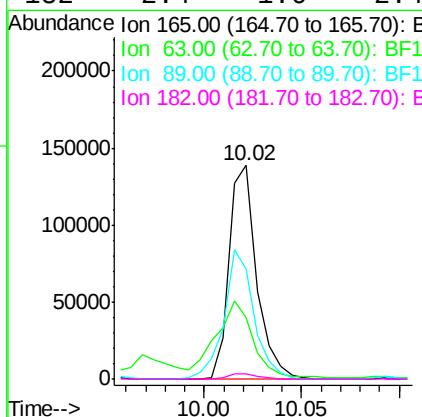
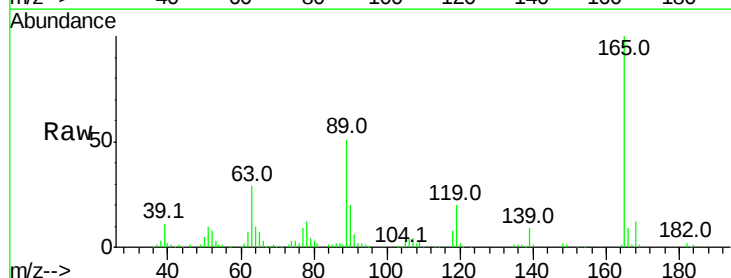
Instrument :
BNA_F
ClientSampled :

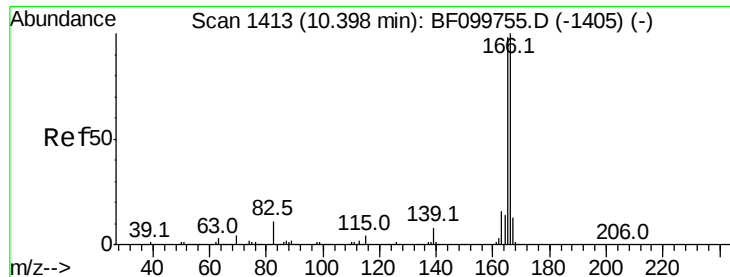
Tot Ion:139 Resp: 73027
Ion Ratio Lower Upper
139 100
109 51.2 48.4 88.4
65 75.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.529 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:165 Resp: 135250
Ion Ratio Lower Upper
165 100
63 28.9 36.4 54.6#
89 51.4 57.8 86.6#
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 33.538 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

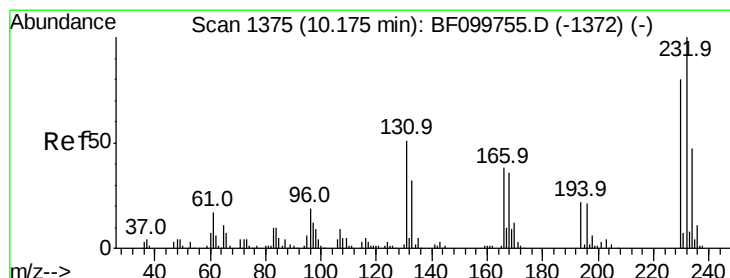
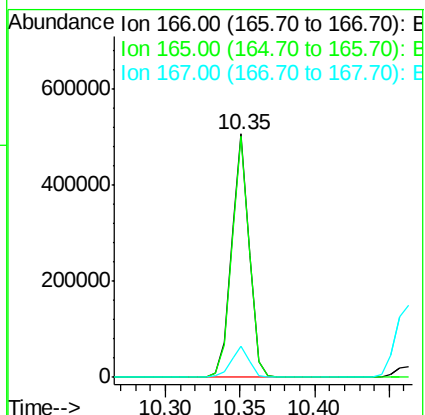
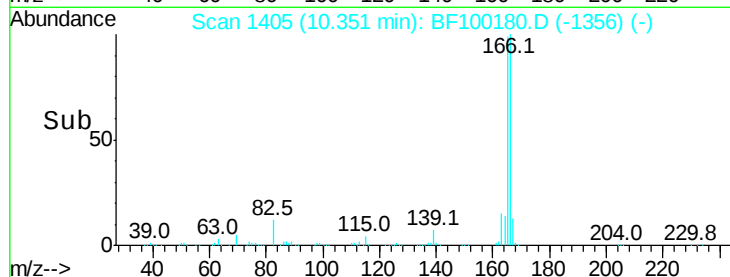
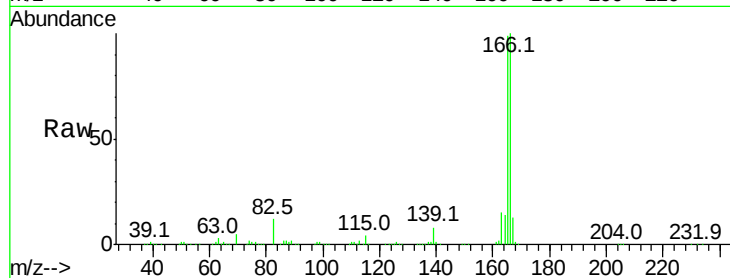
Tot Ion:166 Resp: 424330

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

167 12.9 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.677 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Tgt Ion:232 Resp: 88253

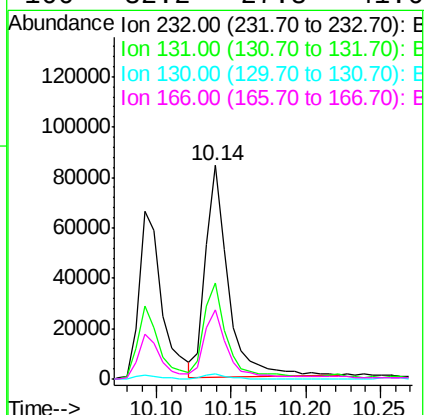
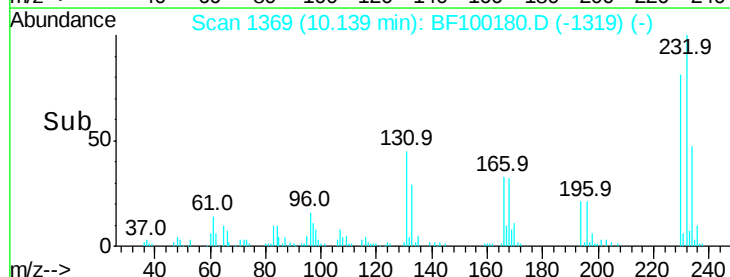
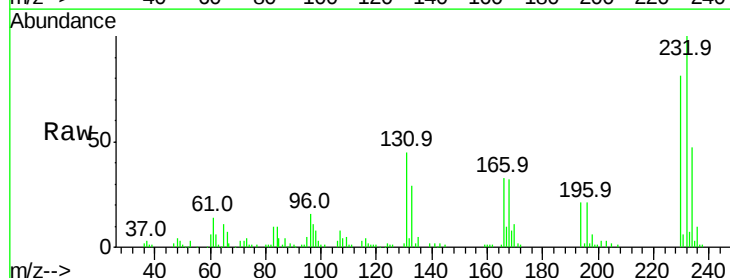
Ion Ratio Lower Upper

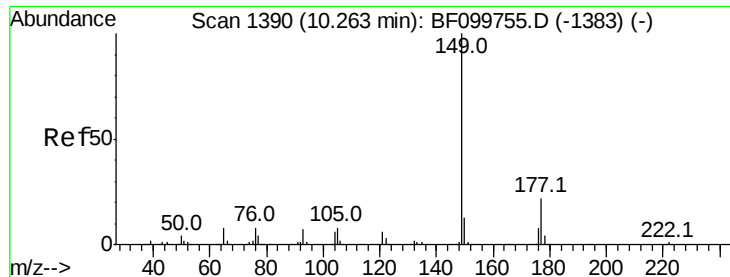
232 100

131 46.0 43.8 65.8

130 2.1 2.1 3.1

166 32.2 27.8 41.6





#59

Diethylphthalate

Concen: 32.612 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

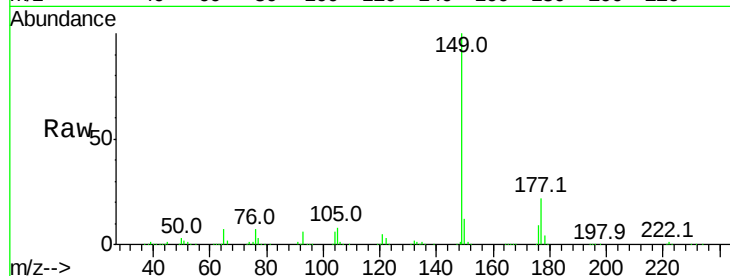
Tot Ion:149 Resp: 441582

Ion Ratio Lower Upper

149 100

177 22.3 16.1 24.1

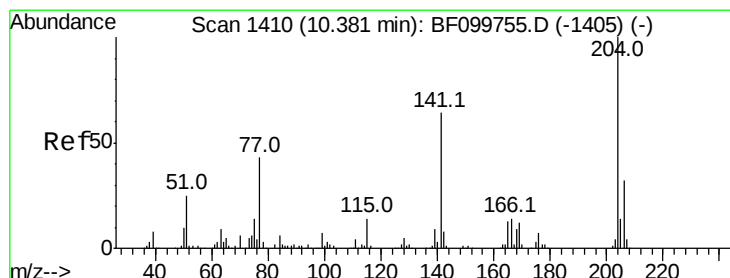
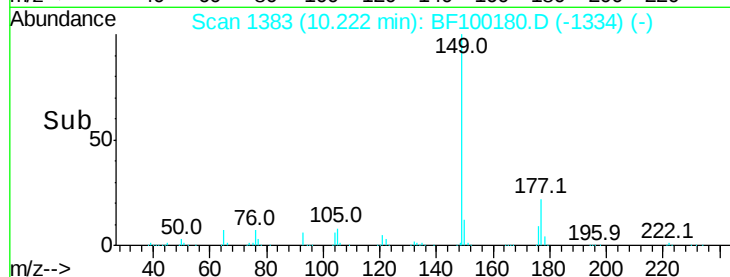
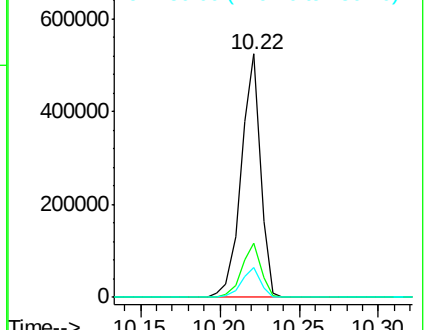
150 12.1 10.1 15.1



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: 32.962 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

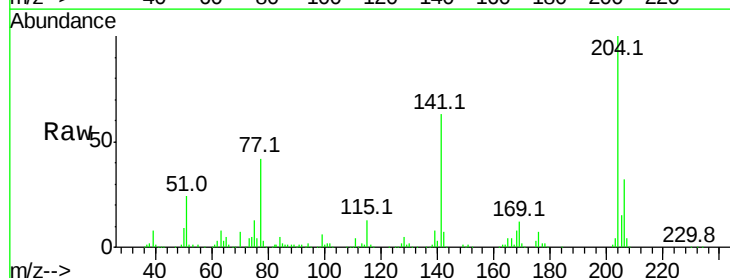
Tgt Ion:204 Resp: 196272

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

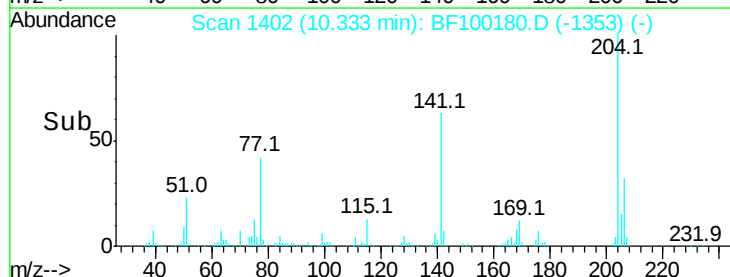
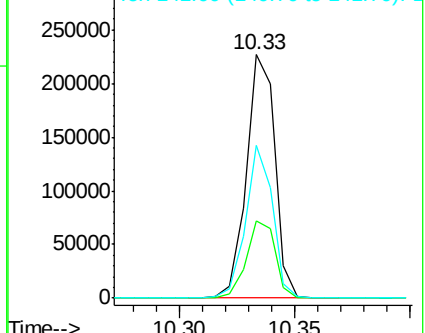
141 62.8 54.6 81.8

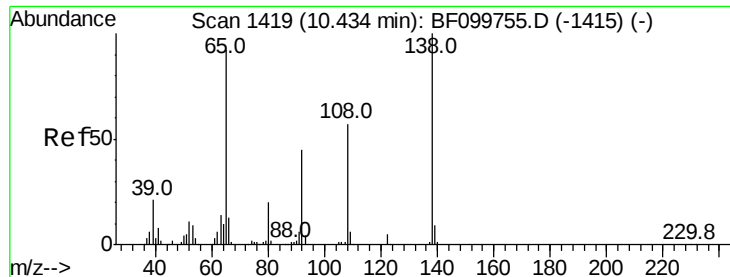


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

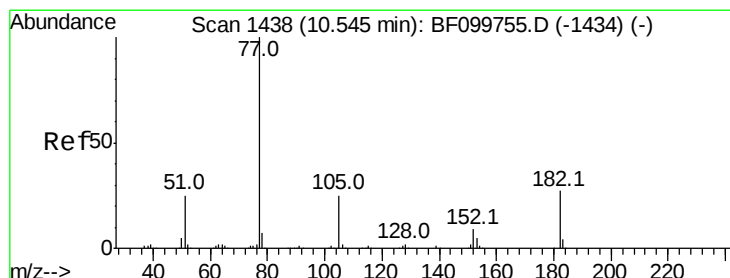
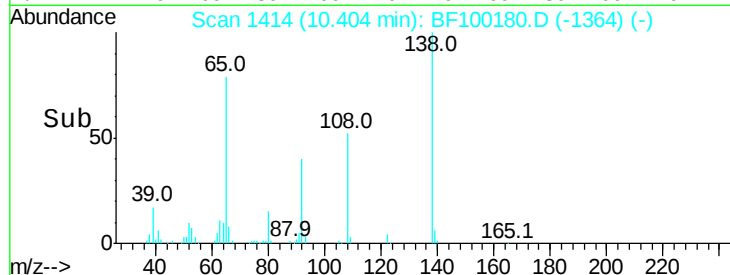
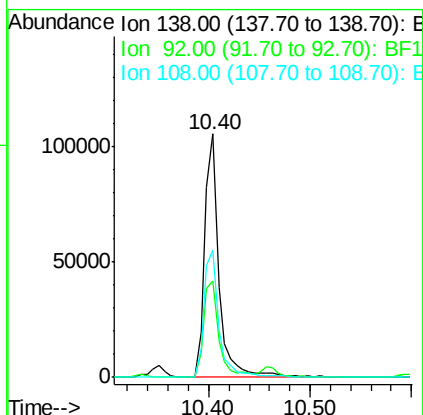
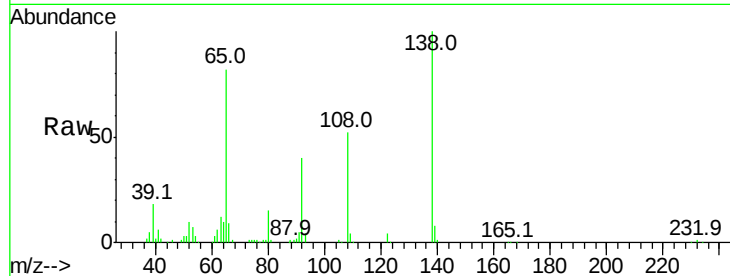




#61
4-Nitroaniline
Concen: 31.625 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

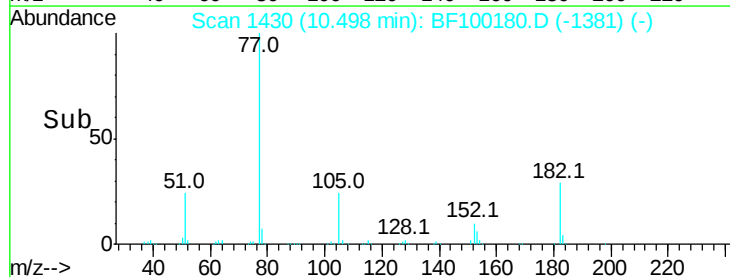
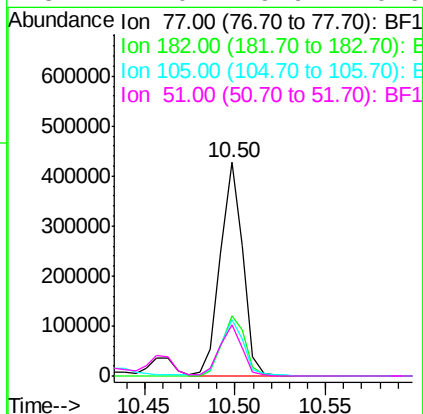
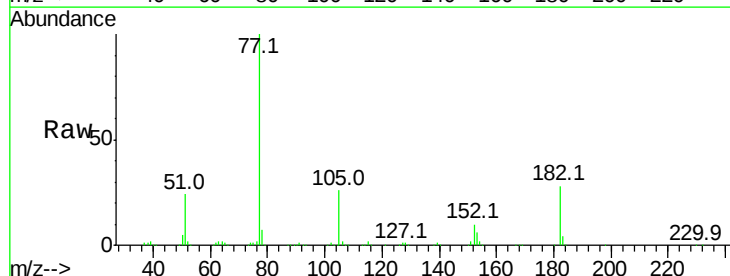
Instrument :
BNA_F
ClientSampled :

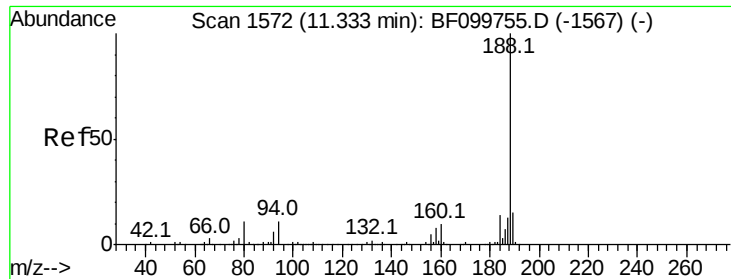
Tot Ion:138 Resp: 103630
Ion Ratio Lower Upper
138 100
92 39.6 30.2 70.2
108 52.1 52.5 92.5#



#62
Azobenzene
Concen: 32.448 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion: 77 Resp: 368309
Ion Ratio Lower Upper
77 100
182 28.4 1.7 41.7
105 26.4 3.0 43.0
51 24.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampled :

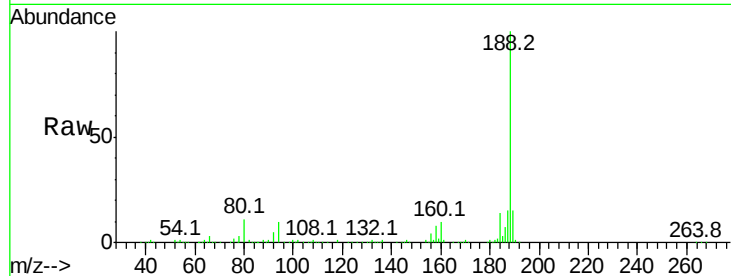
Tot Ion:188 Resp: 308918

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

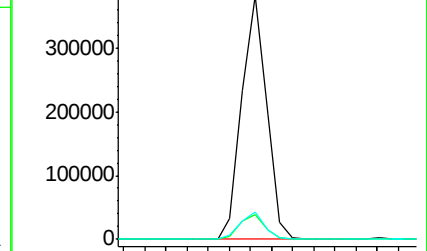
80 11.0 9.2 13.8



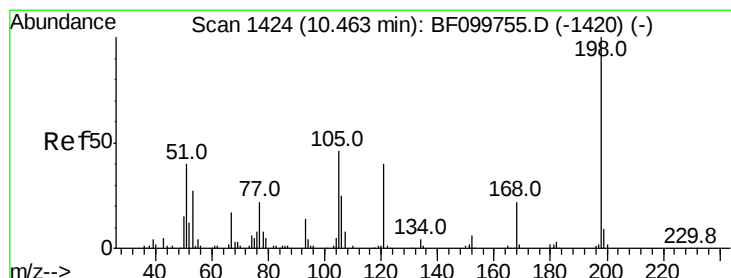
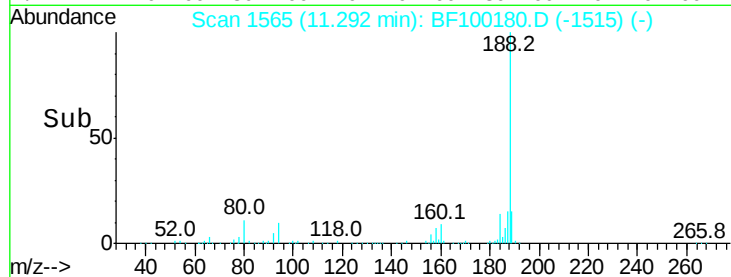
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 25.280 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

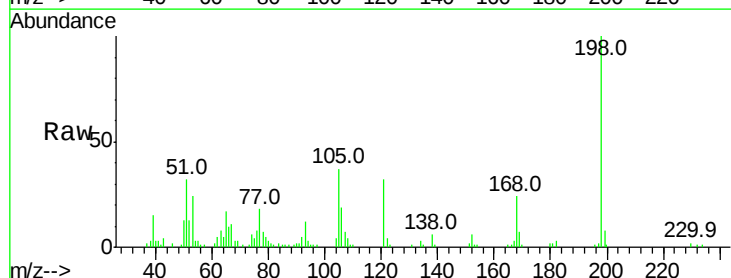
Tgt Ion:198 Resp: 49090

Ion Ratio Lower Upper

198 100

51 31.7 37.7 77.7#

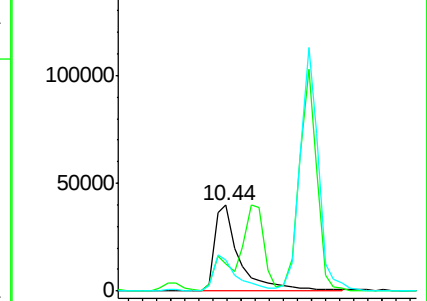
105 36.7 36.3 76.3



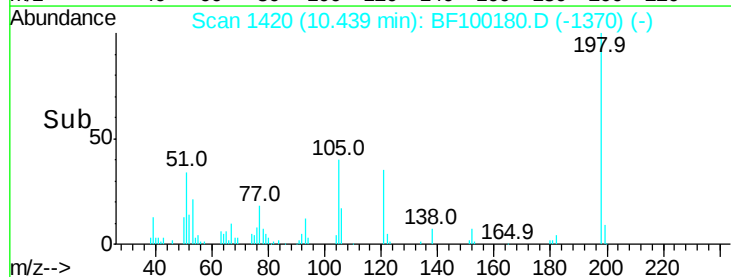
Abundance Ion 198.00 (197.70 to 198.70): E

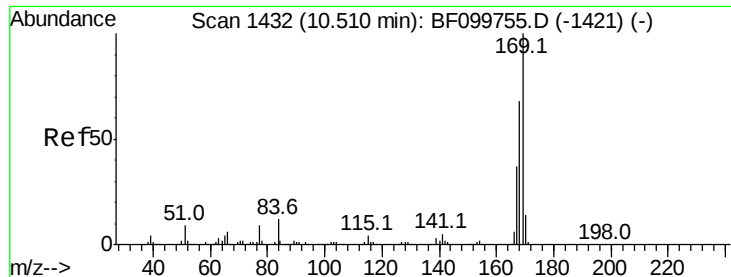
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 33.018 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

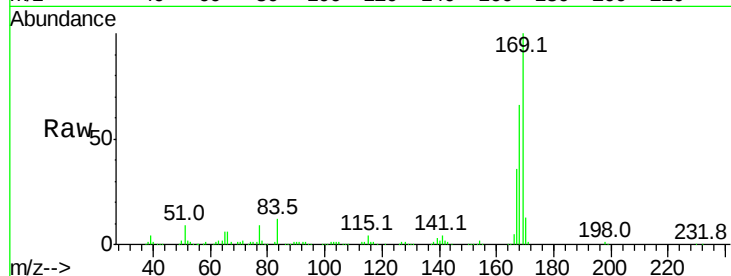
Tot Ion:169 Resp: 376524

Ion Ratio Lower Upper

169 100

168 65.6 54.4 81.6

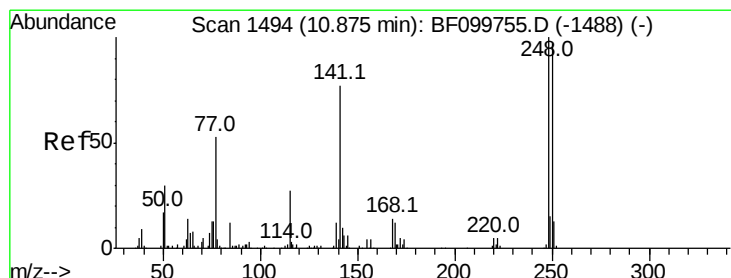
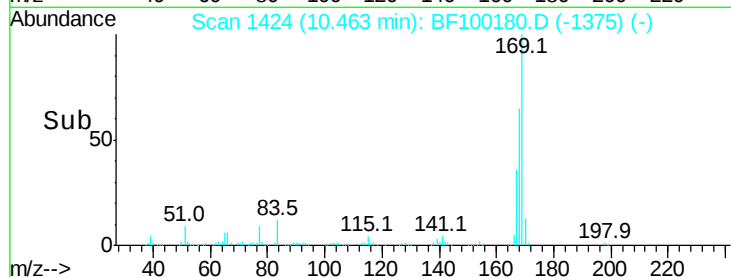
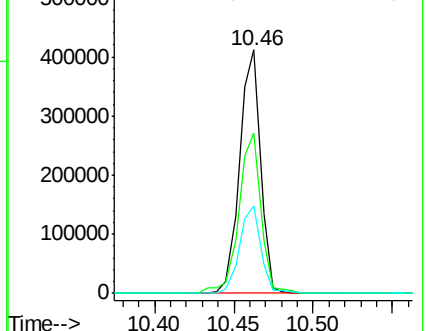
167 36.1 29.8 44.6



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: 34.759 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

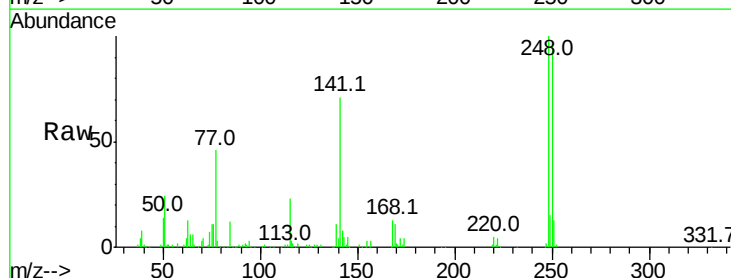
Tgt Ion:248 Resp: 113040

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

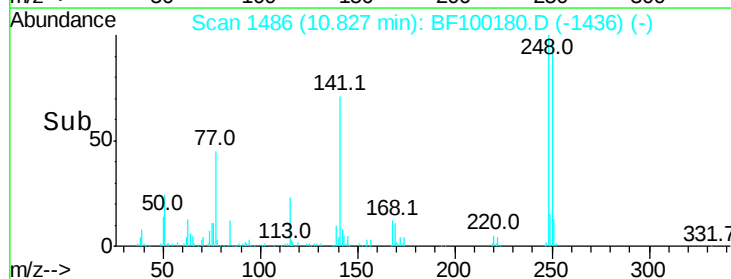
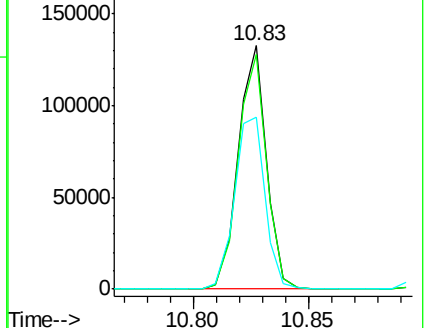
141 70.8 74.4 111.6#



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: 33.205 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

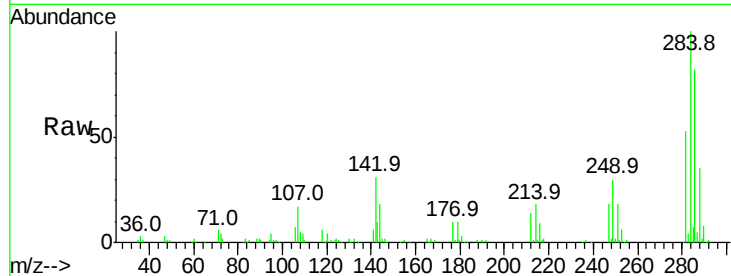
Tot Ion:284 Resp: 110477

Ion Ratio Lower Upper

284 100

142 30.7 34.6 52.0#

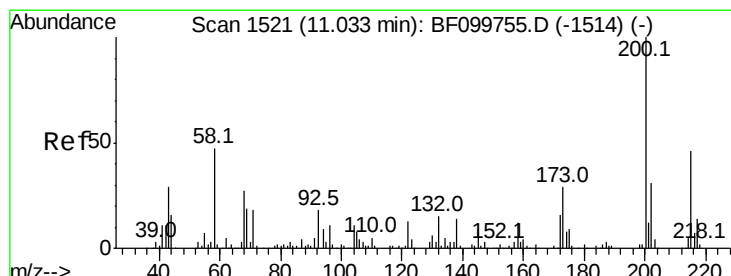
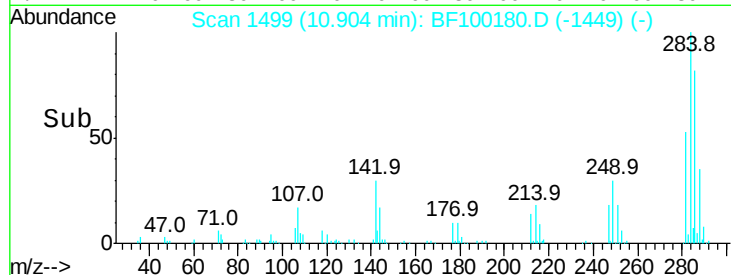
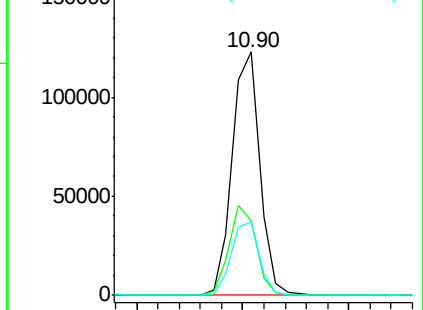
249 30.2 24.8 37.2



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: 33.898 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

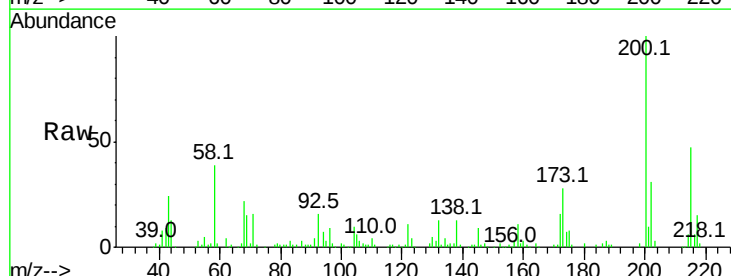
Tgt Ion:200 Resp: 116116

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

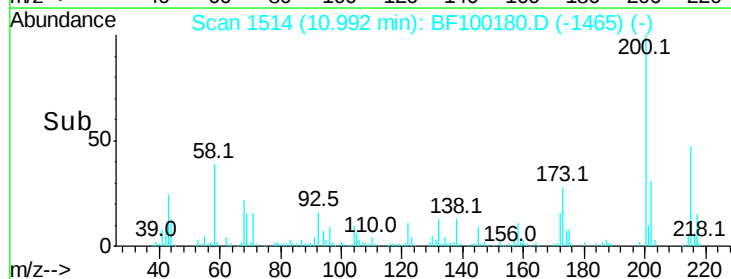
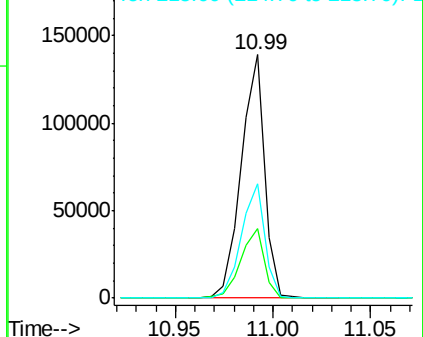
215 47.0 25.1 65.1

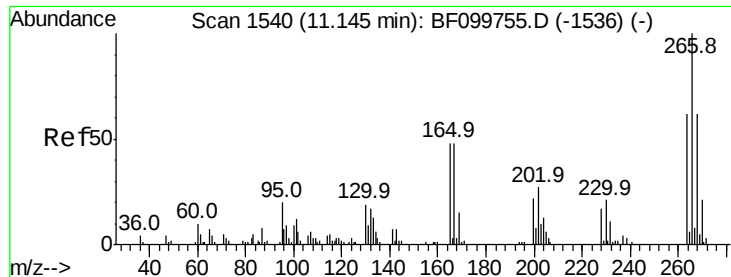


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

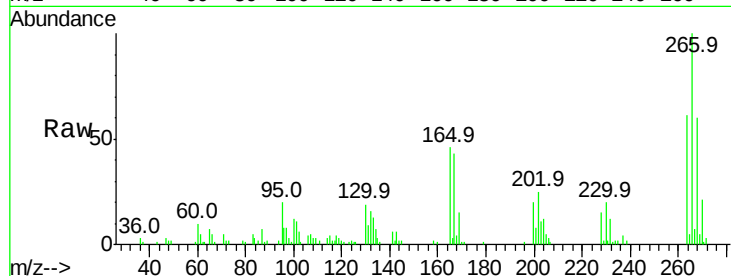




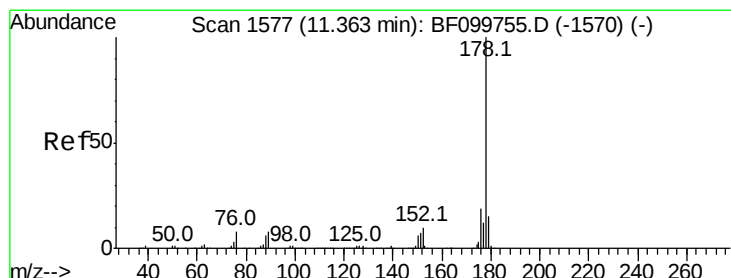
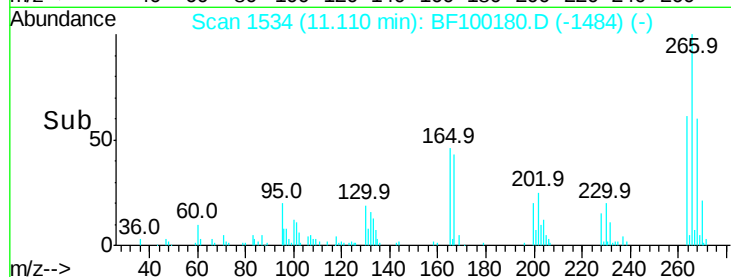
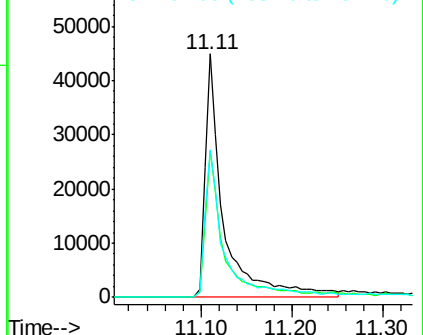
#69
 Pentachlorophenol
 Concen: 45.444 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 64607
 Ion Ratio Lower Upper
 266 100
 268 59.9 51.1 76.7
 264 60.8 49.5 74.3

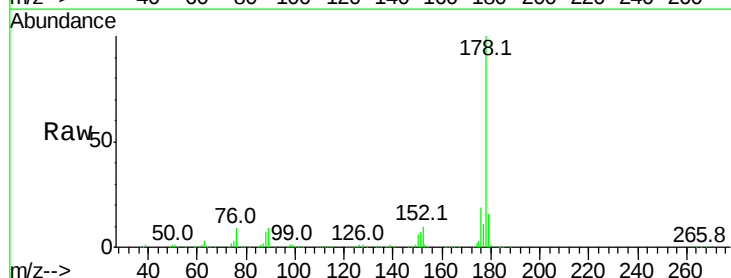


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

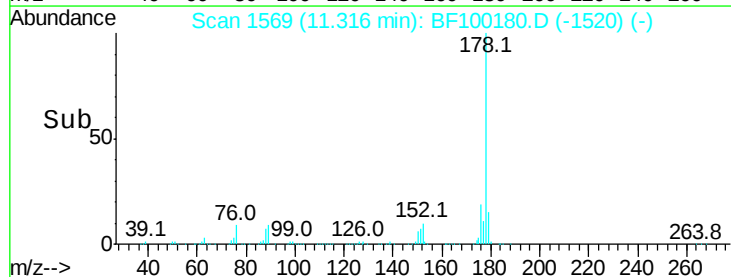
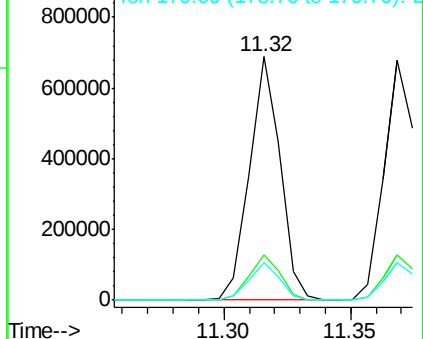


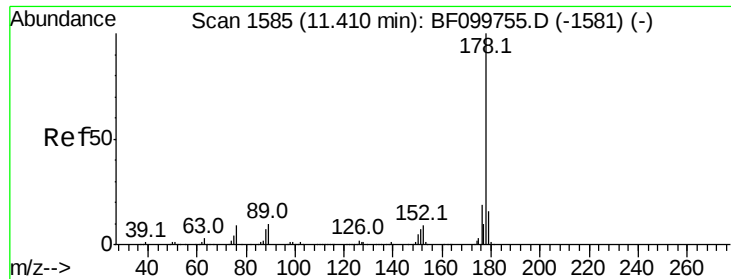
#70
 Phenanthrene
 Concen: 33.386 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion:178 Resp: 582041
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 13.0 19.6



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

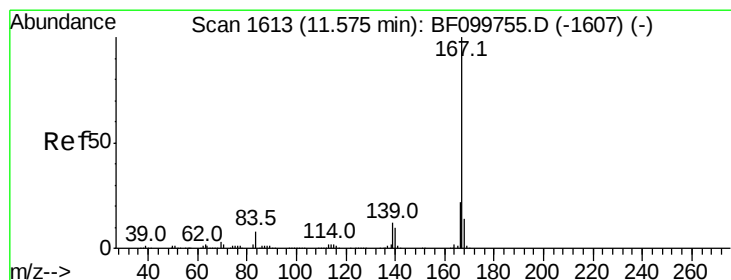
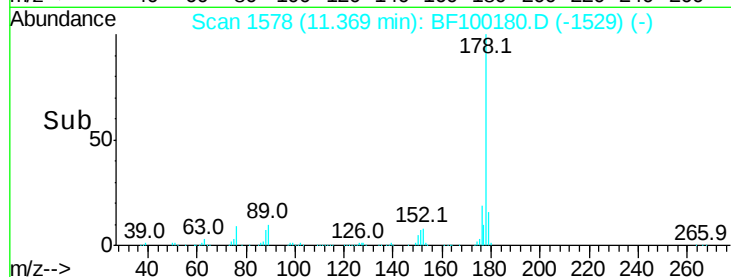
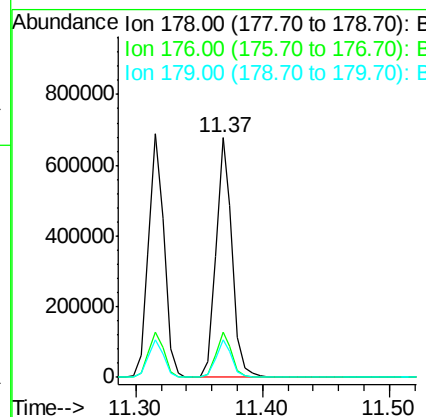
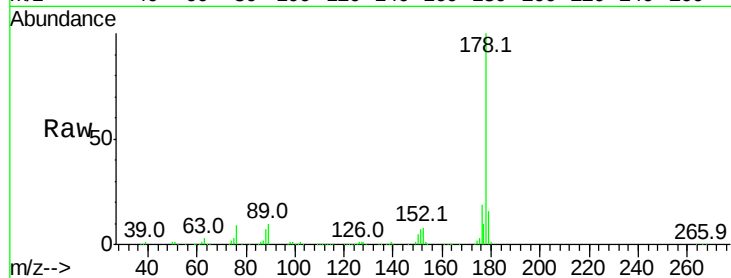




#71
 Anthracene
 Concen: 34.240 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

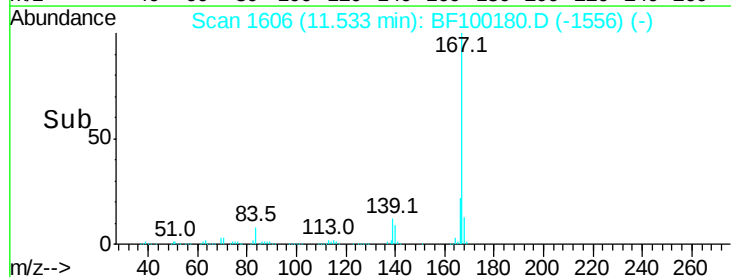
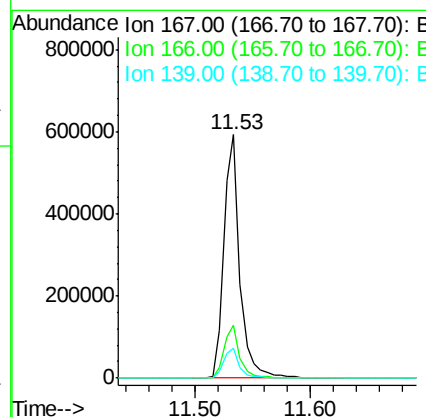
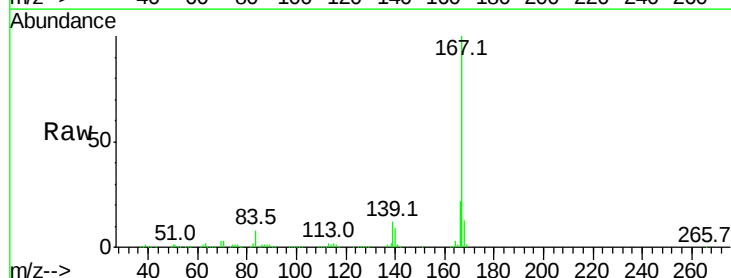
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 605920
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 33.676 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion:167 Resp: 560407
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.133 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

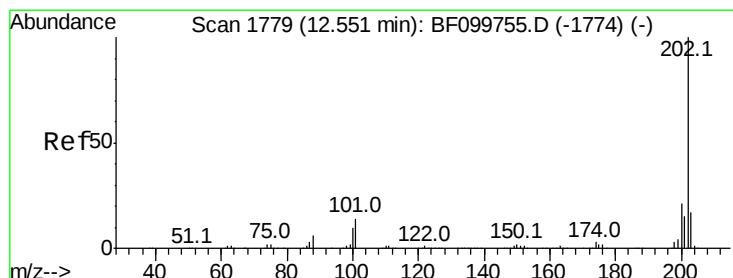
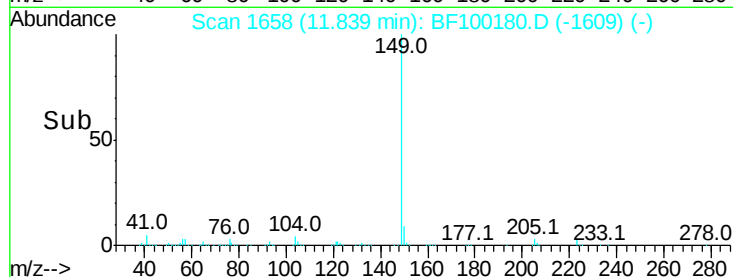
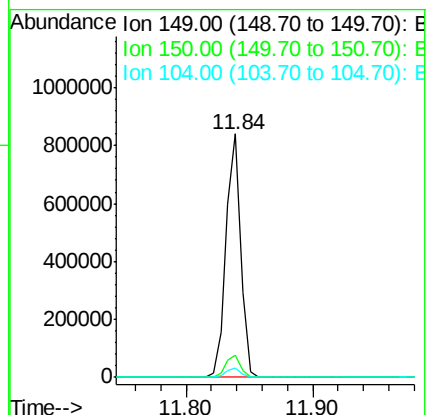
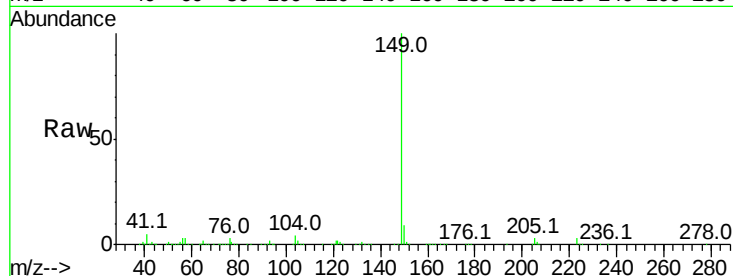
Tot Ion:149 Resp: 682036

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 3.7 3.8 5.8#



#74

Fluoranthene

Concen: 31.141 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

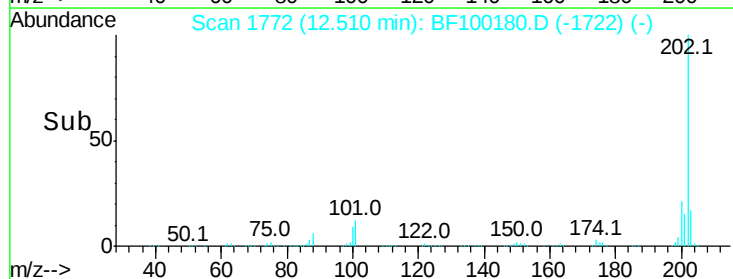
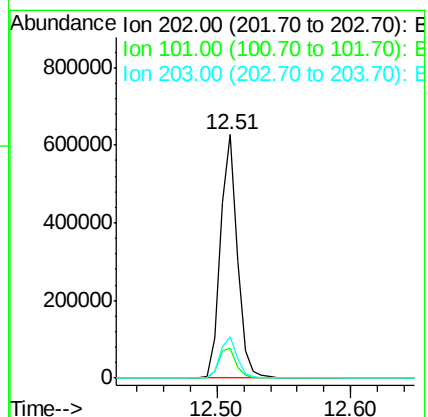
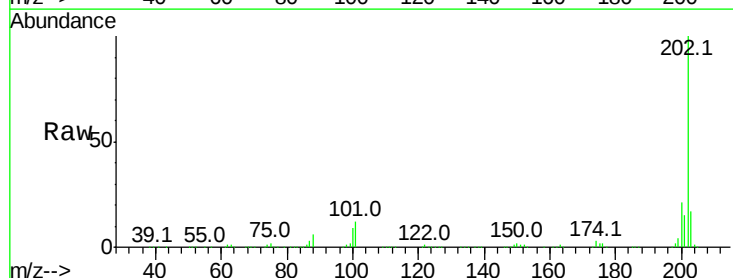
Tgt Ion:202 Resp: 564196

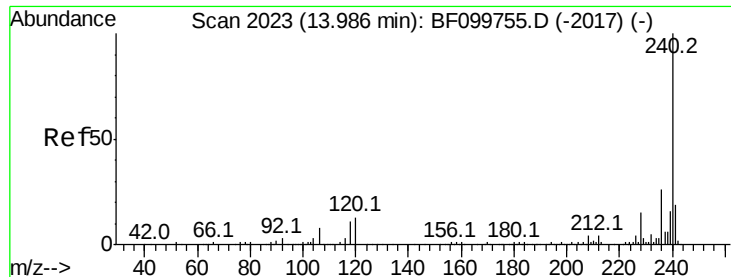
Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

203 17.1 0.0 38.1

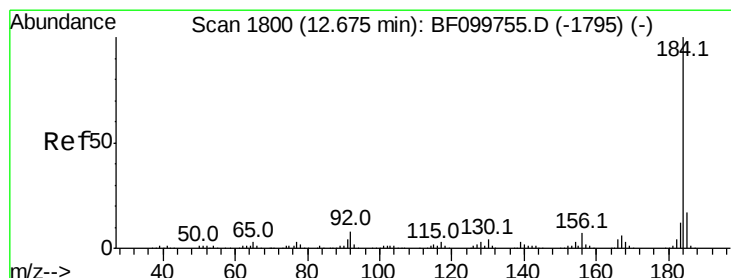
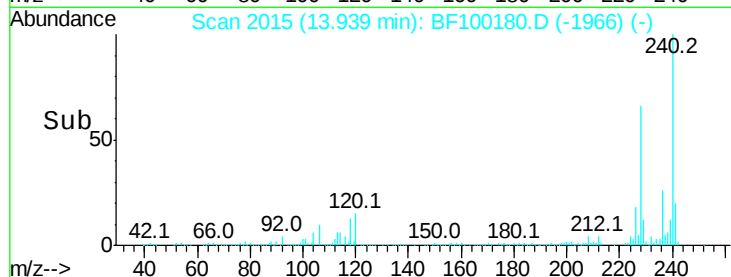
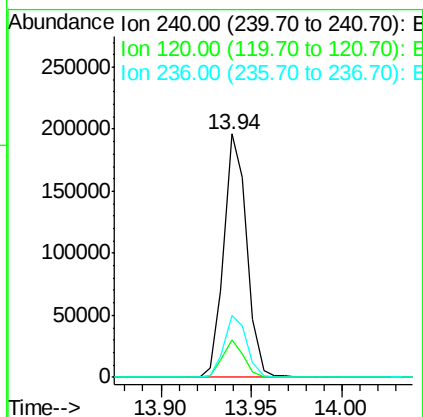
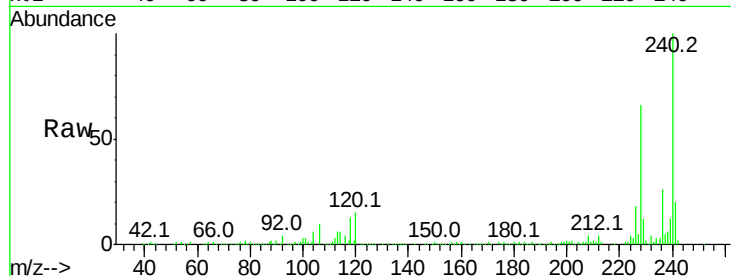




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

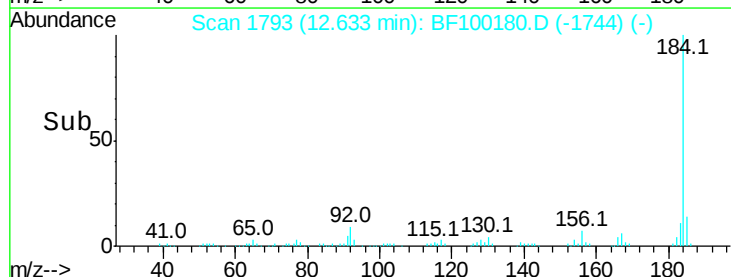
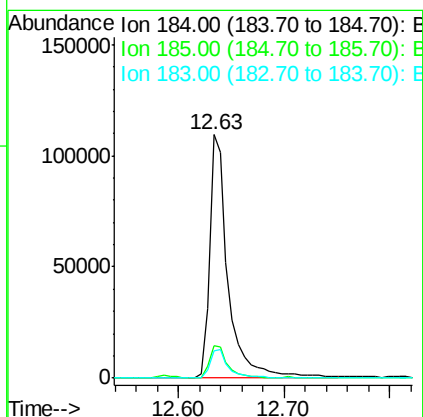
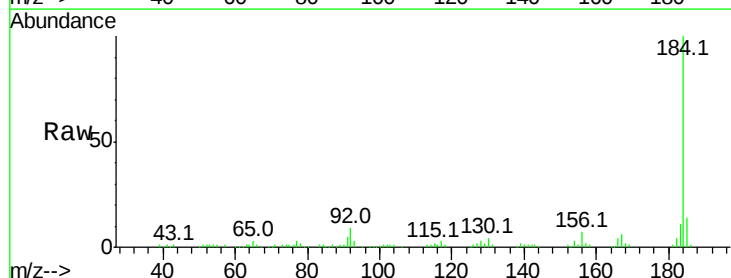
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 172781
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.6 20.7 31.1



#76
 Benzidine
 Concen: 17.746 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion:184 Resp: 134166
 Ion Ratio Lower Upper
 184 100
 185 13.5 12.6 18.8
 183 11.3 9.3 13.9

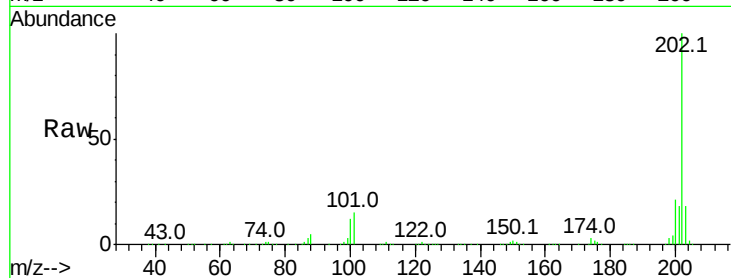




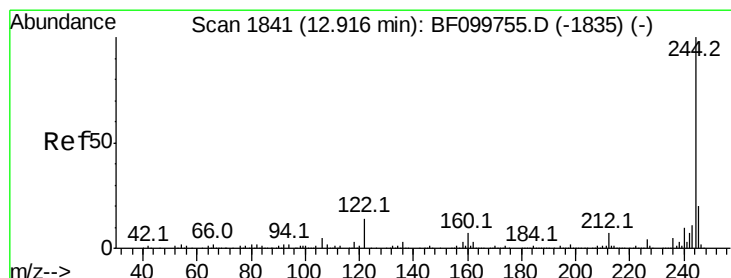
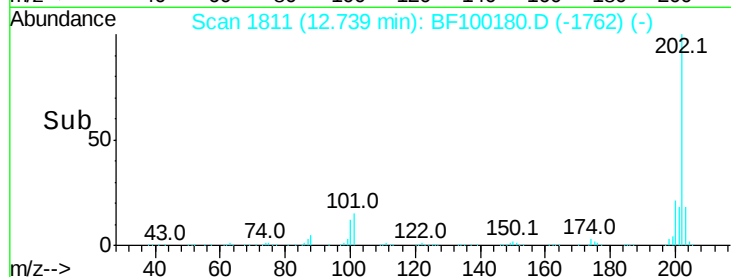
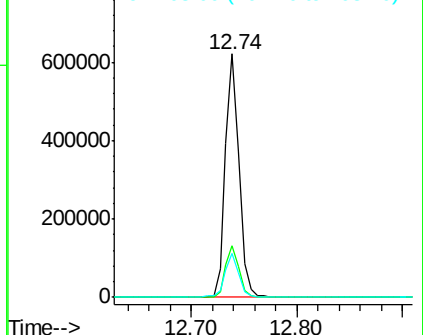
#77
Pvrene
Concen: 42.761 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 561806
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.8 14.3 21.5

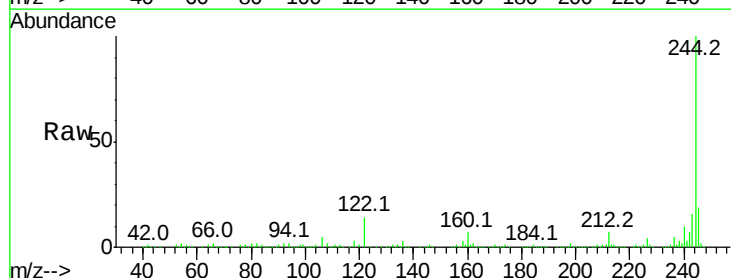


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

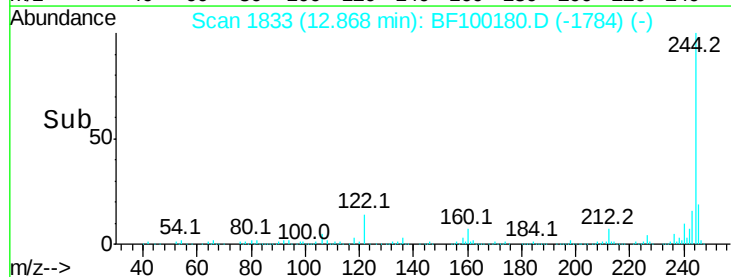
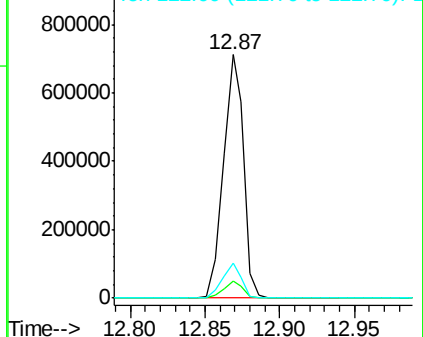


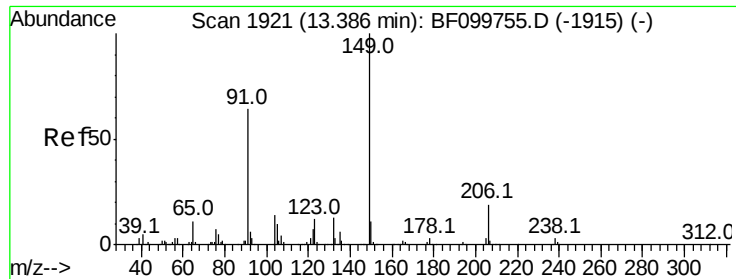
#78
Terphenyl-d14
Concen: 85.436 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:244 Resp: 675478
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.3 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

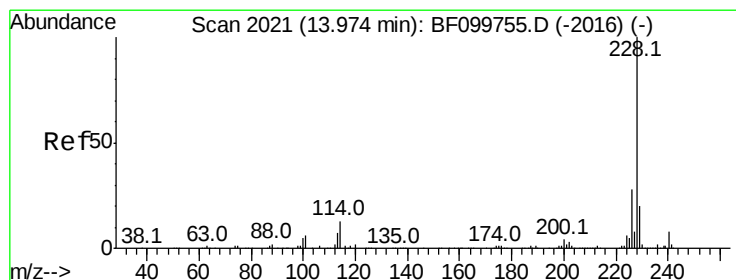
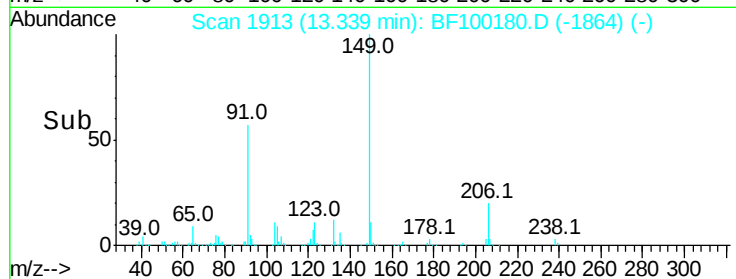
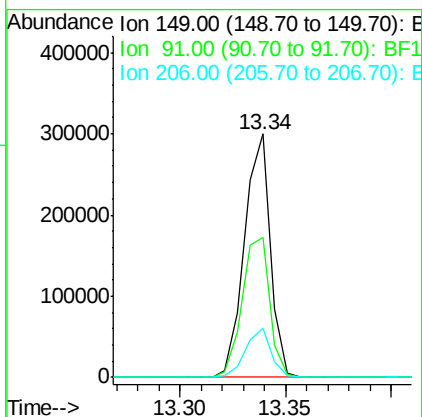
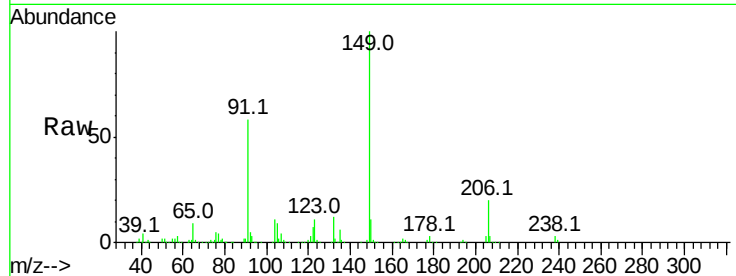




#79
Butylbenzylphthalate
Concen: 39.533 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

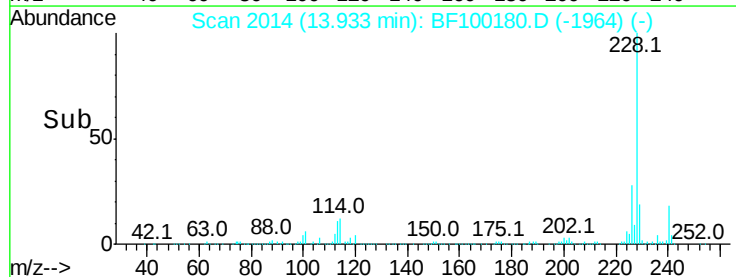
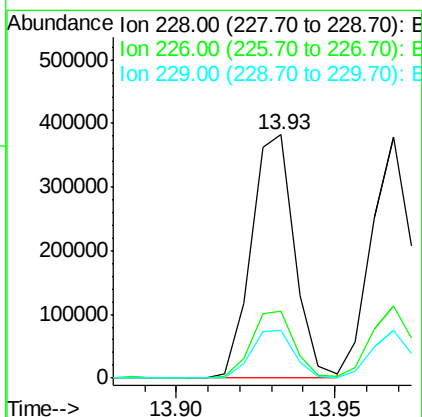
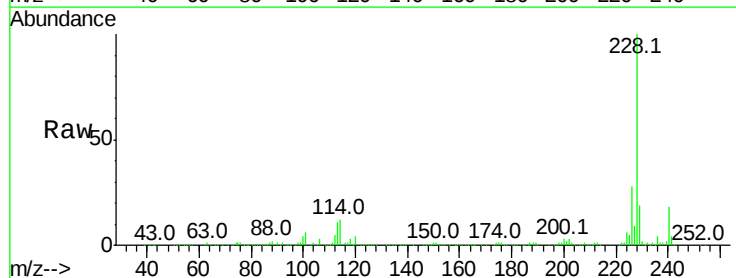
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	149	Resp:	255762
Ion Ratio	Lower	Upper	
149	100		
91	57.6	56.8	85.2
206	20.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.919 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:	228	Resp:	360562
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.4	15.8	23.6

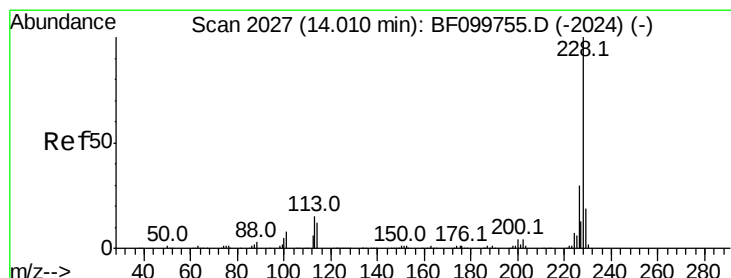
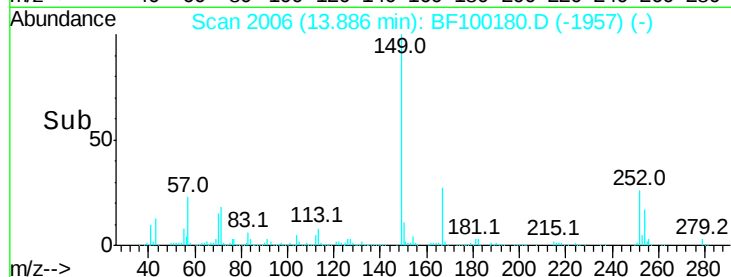
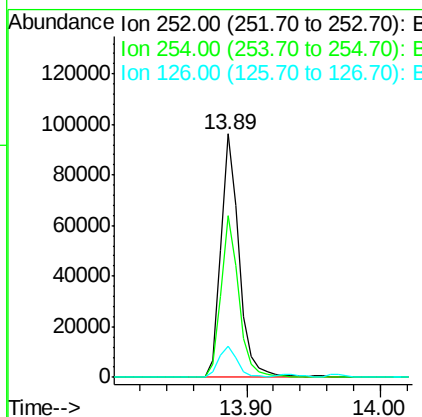
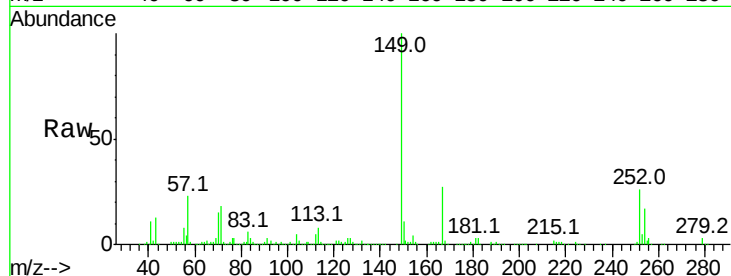




#81
3,3'-Dichlorobenzidine
Concen: 23.536 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

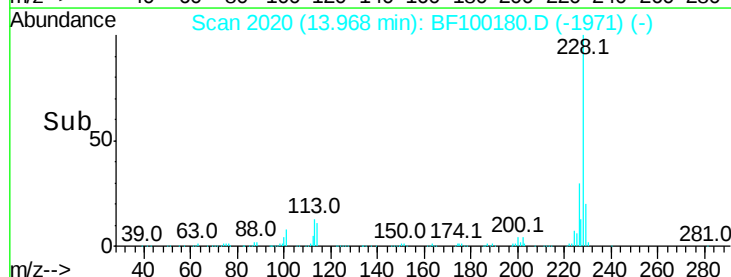
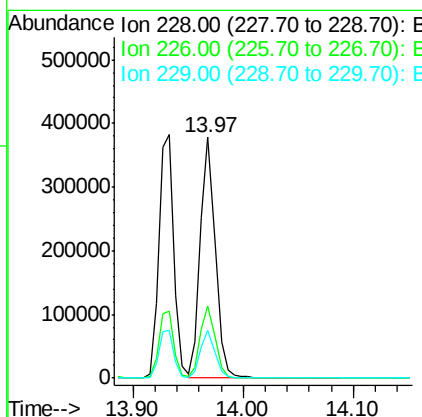
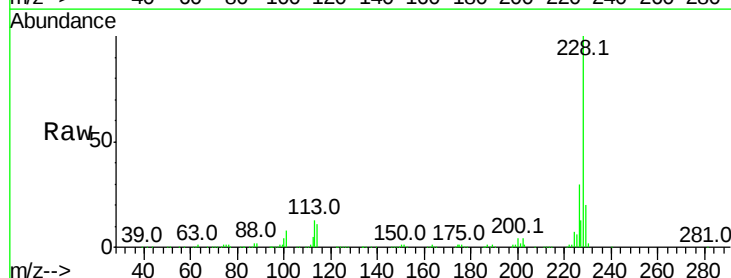
Instrument :
BNA_F
ClientSampleId :

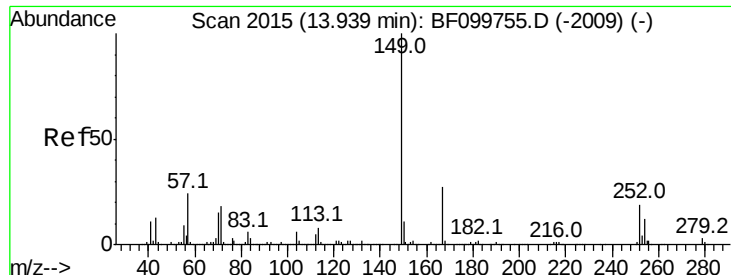
Tot Ion:252 Resp: 93579
Ion Ratio Lower Upper
252 100
254 66.5 50.4 75.6
126 12.9 11.3 16.9



#82
Chrysene
Concen: 33.608 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:228 Resp: 346073
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 19.9 16.2 24.4

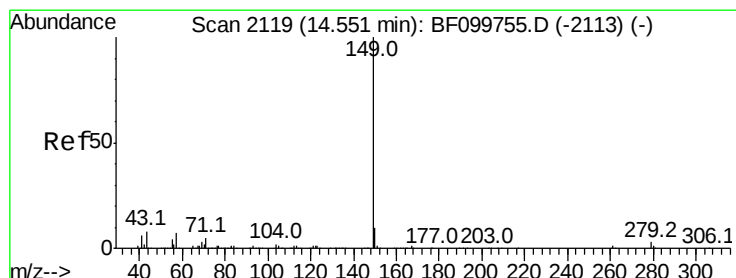
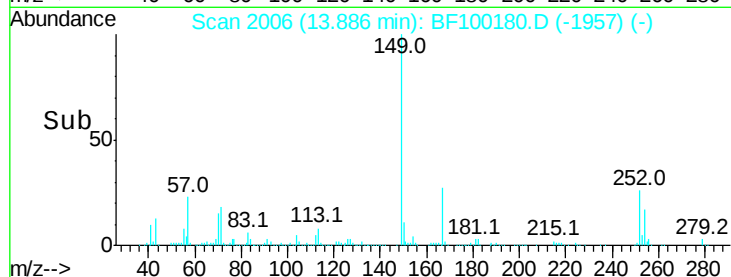
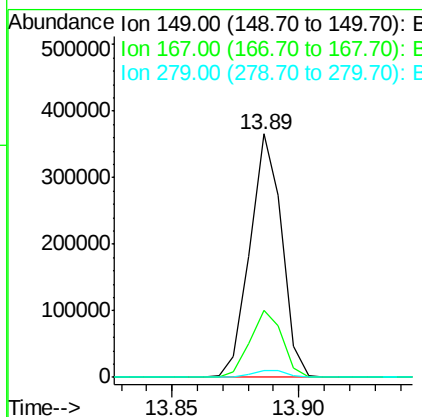
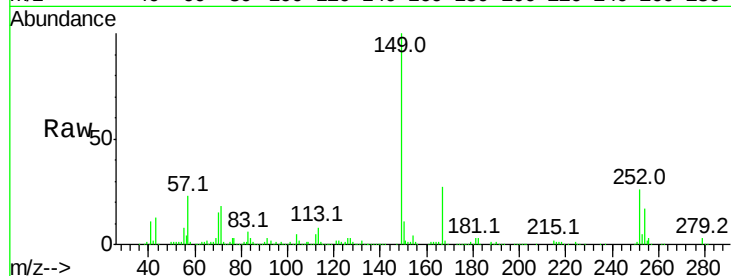




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.203 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

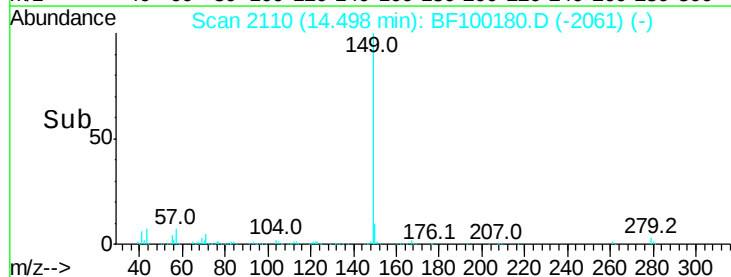
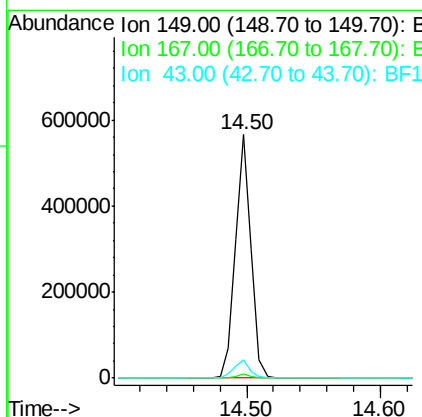
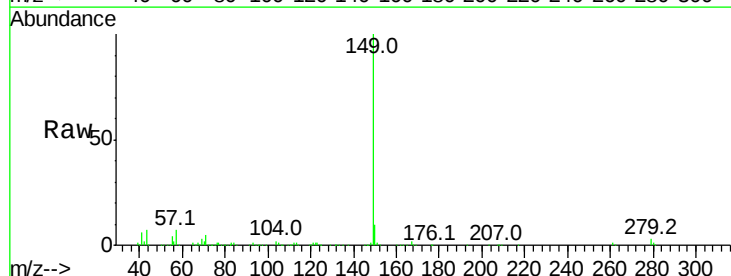
Instrument :
 BNA_F
 ClientSampleId :

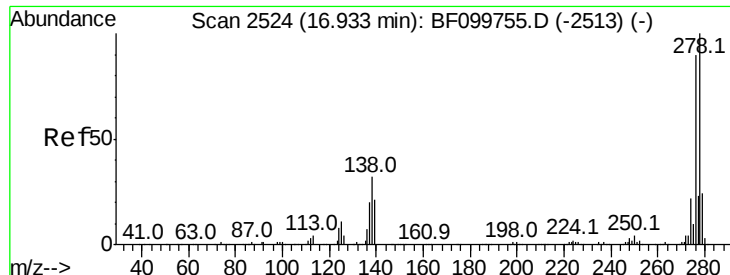
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 29.706 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BF100180.D
 Acq: 4 Nov 2017 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	7.3	8.4	12.6#

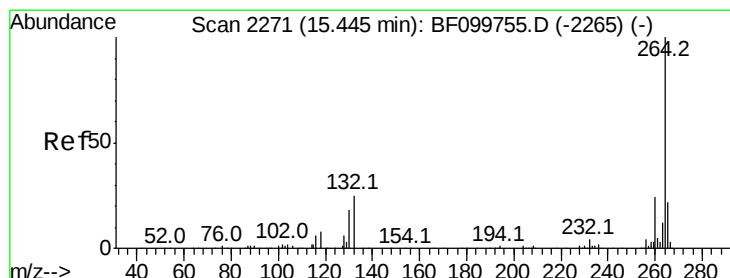
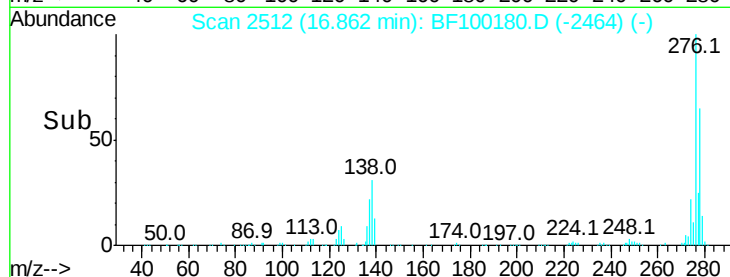
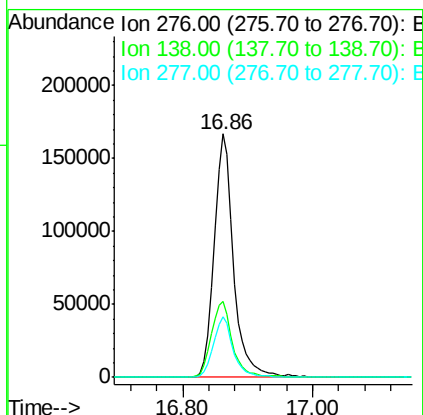
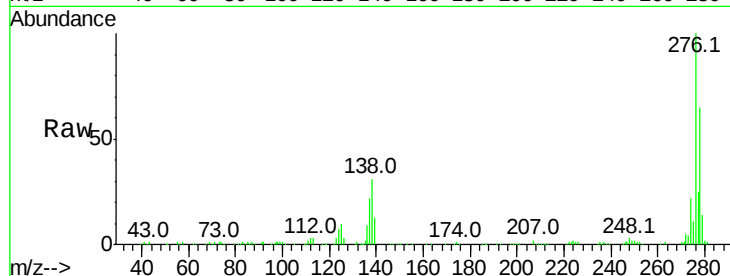




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.479 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

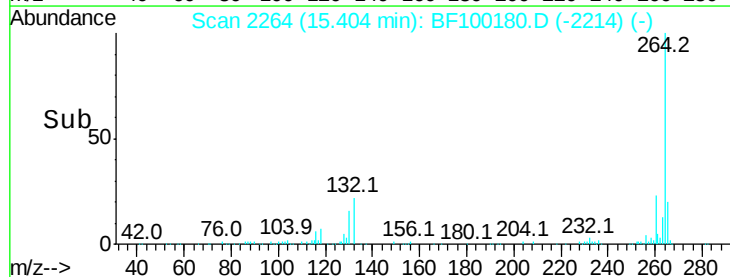
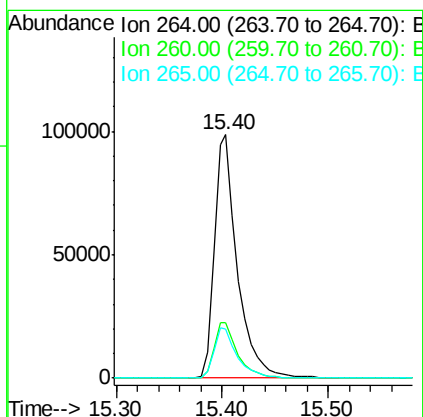
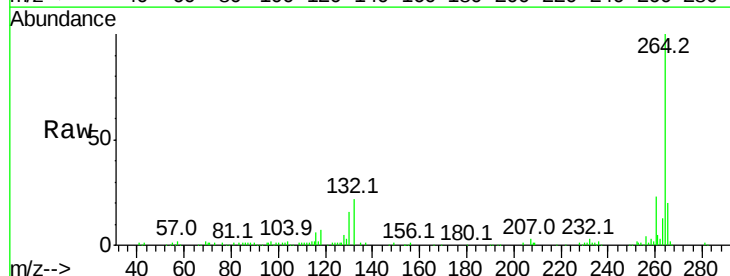
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 344840
Ion Ratio Lower Upper
276 100
138 33.7 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100180.D
Acq: 4 Nov 2017 16:03

Tgt Ion:264 Resp: 149775
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 20.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 29.332 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.02 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

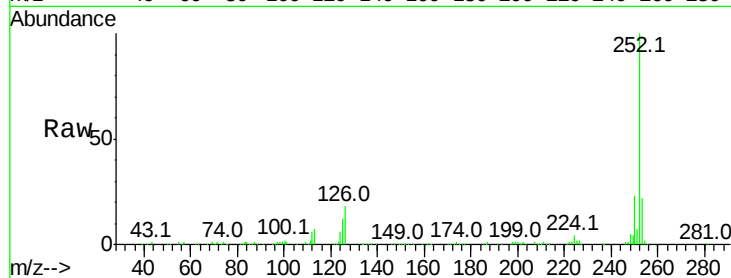
Tot Ion:252 Resp: 277413

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

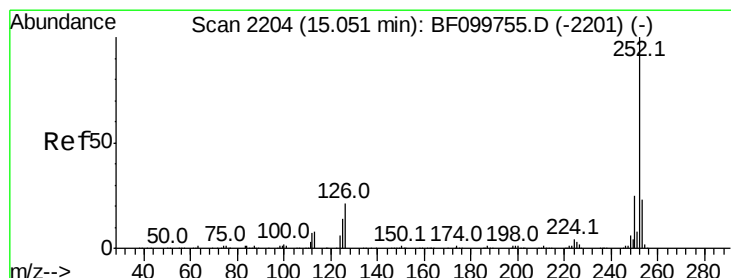
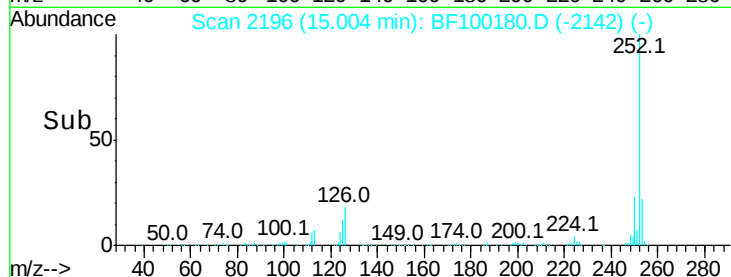
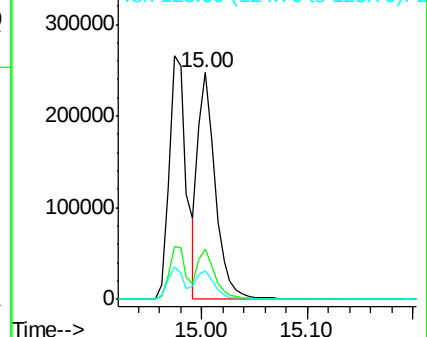
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.106 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

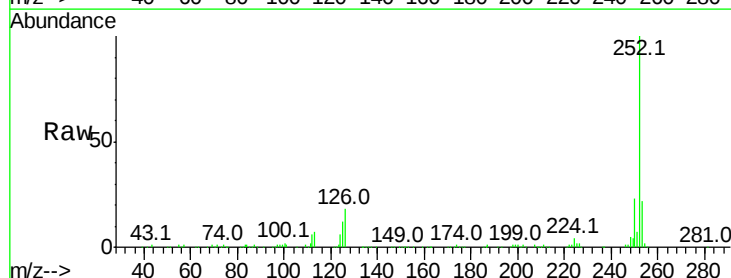
Tgt Ion:252 Resp: 277413

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

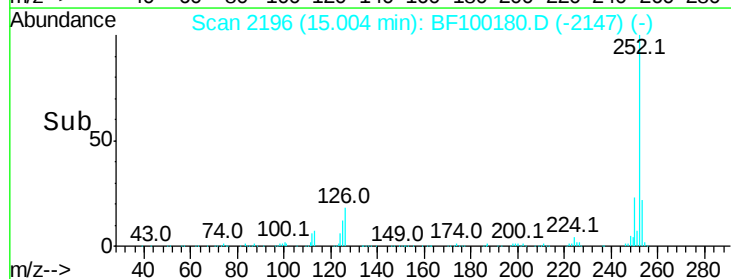
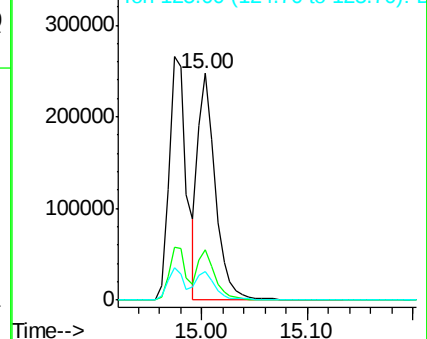
125 12.5 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.722 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

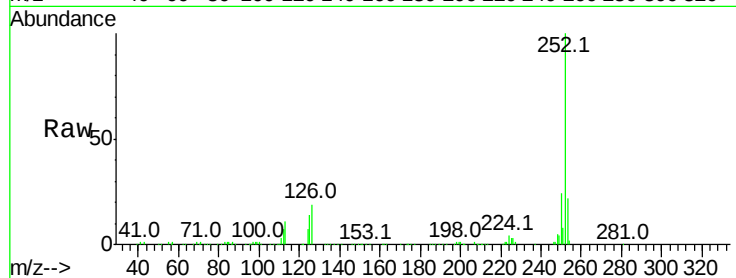
Tot Ion:252 Resp: 286487

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

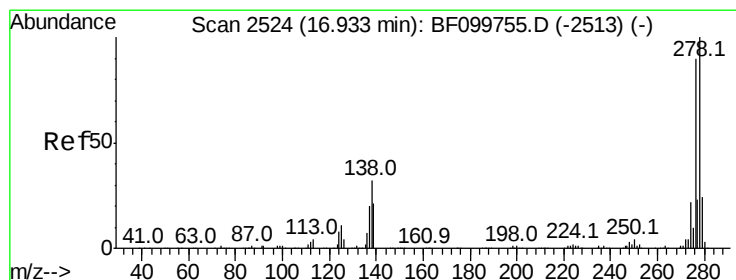
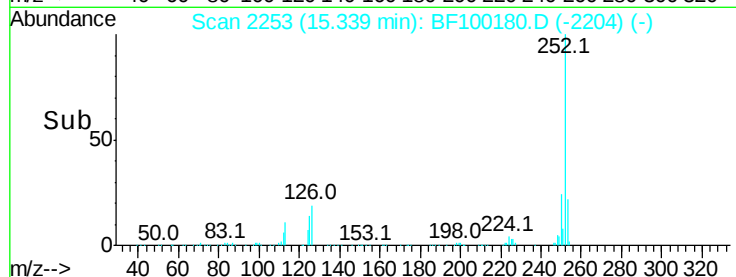
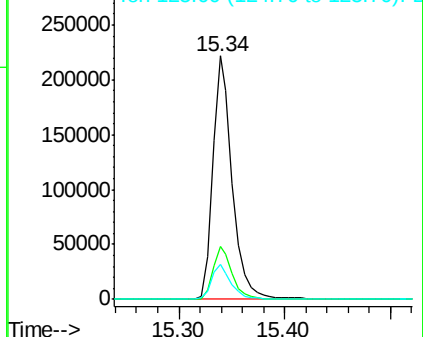
125 14.4 9.8 14.6



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: 38.472 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

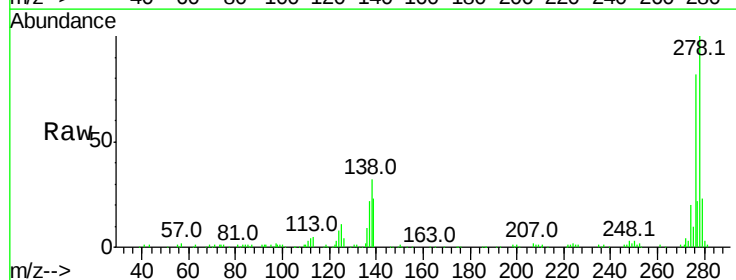
Tgt Ion:278 Resp: 290418

Ion Ratio Lower Upper

278 100

139 22.6 15.9 23.9

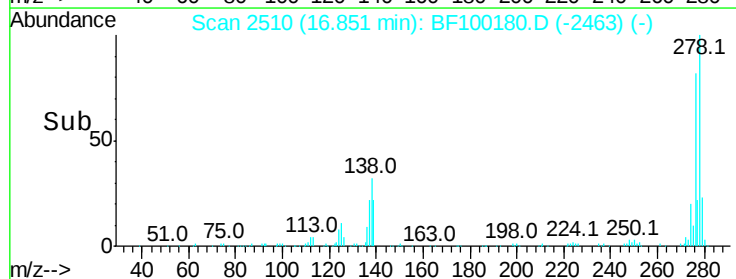
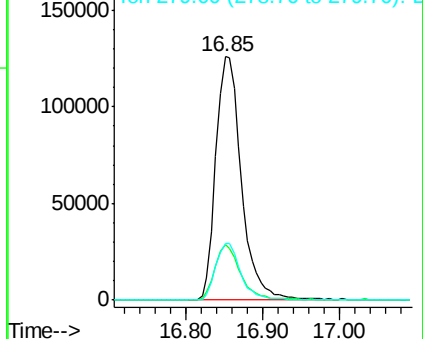
279 23.2 19.0 28.4

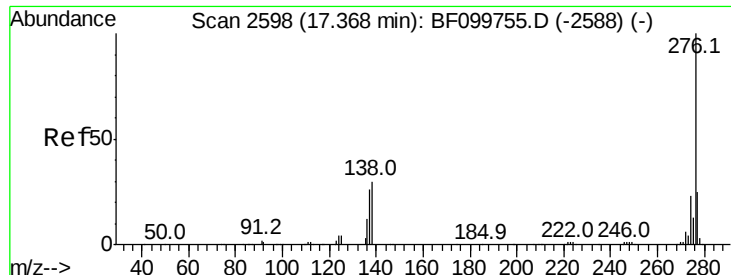


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.803 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BF100180.D

Acq: 4 Nov 2017 16:03

Instrument :

BNA_F

ClientSampleId :

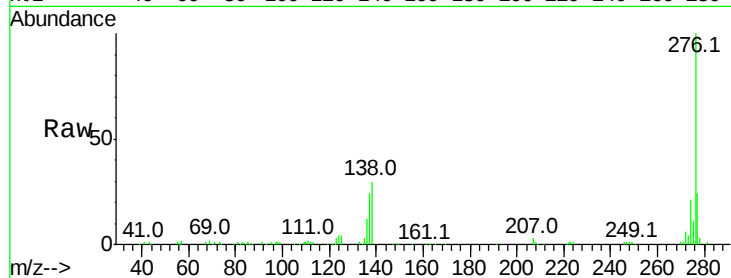
Tot Ion:276 Resp: 301348

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 29.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

