

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100373.D
 Acq On : 10 Nov 2017 6:58
 Operator : SJ/JU
 Sample : PB104036BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 07:25:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	161169	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	651437	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	291549	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	513612	20.00	ng	0.00
75) Chrysene-d12	14.06	240	321164	20.00	ng	0.00
86) Perylene-d12	15.54	264	318371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1336877	132.97	ng	0.02
7) Phenol-d6	6.53	99	1676493	135.22	ng	0.01
23) Nitrobenzene-d5	7.47	82	1518529	154.11	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	400983	134.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2413751	126.07	ng	0.00
78) Terphenyl-d14	13.02	244	1899332	135.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	163036	33.274	ng	95
3) Pyridine	3.56	79	476436	35.641	ng	93
4) n-Nitrosodimethylamine	3.51	42	243682	37.546	ng	96
6) Aniline	6.57	93	280072	15.990	ng	99
8) 2-Chlorophenol	6.69	128	439143	41.287	ng	98
9) Benzaldehyde	6.45	77	273690	30.911	ng	98
10) Phenol	6.55	94	524727	40.315	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	432643	39.574	ng	94
12) 1,3-Dichlorobenzene	6.85	146	487613	39.763	ng	98
13) 1,4-Dichlorobenzene	6.92	146	490291	39.502	ng	98
14) 1,2-Dichlorobenzene	7.07	146	438590	38.219	ng	99
15) Benzyl Alcohol	7.05	79	401284	41.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	803959	45.979	ng	97
17) 2-Methylphenol	7.15	107	389179	42.816	ng	99
18) Hexachloroethane	7.42	117	169484	41.415	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	324204	37.706	ng	96
20) 3+4-Methylphenols	7.30	107	463999	40.340	ng	# 84
22) Acetophenone	7.32	105	601641	37.874	ng	# 98
24) Nitrobenzene	7.49	77	472343	46.575	ng	98
25) Isophorone	7.72	82	891192	43.040	ng	99
26) 2-Nitrophenol	7.80	139	249300	51.933	ng	96
27) 2,4-Dimethylphenol	7.83	122	436317	47.007	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	561564	41.462	ng	99
29) 2,4-Dichlorophenol	8.04	162	390763	44.099	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	396624	41.379	ng	95
31) Naphthalene	8.21	128	1259178	40.131	ng	100
32) Benzoic acid	7.95	122	293943	42.652	ng	98
33) 4-Chloroaniline	8.25	127	71748	5.493	ng	97
34) Hexachlorobutadiene	8.32	225	232486	40.794	ng	98
35) Caprolactam	8.63	113	88876	29.226	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	401330	42.171	ng	100
37) 2-Methylnaphthalene	8.90	142	855941	41.090	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	380898	39.393	ng	97
40) Hexachlorocyclopentadiene	9.05	237	312579	68.686	ng	97

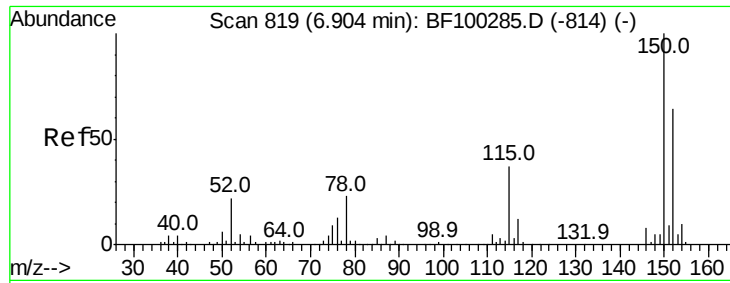
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100373.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	282856	46.156	ng	97
43) 2,4,5-Trichlorophenol	9.21	196	281123	44.276	ng	96
45) 1,1'-Biphenyl	9.36	154	996032	39.500	ng	100
46) 2-Chloronaphthalene	9.39	162	772765	42.243	ng	96
47) 2-Nitroaniline	9.48	65	255410	47.295	ng	93
48) Acenaphthylene	9.80	152	1202340	39.660	ng	100
49) Dimethylphthalate	9.66	163	924132	41.515	ng	99
50) 2,6-Dinitrotoluene	9.72	165	207458	47.082	ng	96
51) Acenaphthene	9.97	154	771532	41.845	ng	100
52) 3-Nitroaniline	9.89	138	83813	16.108	ng	98
53) 2,4-Dinitrophenol	9.99	184	139852	74.862	ng	# 18
54) Dibenzofuran	10.15	168	1054968	40.824	ng	98
55) 4-Nitrophenol	10.05	139	339710	80.407	ng	94
56) 2,4-Dinitrotoluene	10.13	165	270626	48.685	ng	93
57) Fluorene	10.49	166	769135	40.629	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	231399	44.468	ng	# 86
59) Diethylphthalate	10.36	149	914425	41.049	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	382733	41.213	ng	94
61) 4-Nitroaniline	10.50	138	182374	36.965	ng	95
62) Azobenzene	10.64	77	855465	40.774	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	95111	38.698	ng	92
65) n-Nitrosodiphenylamine	10.60	169	757973	42.443	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	248750	45.179	ng	91
67) Hexachlorobenzene	11.03	284	243576	42.299	ng	92
68) Atrazine	11.12	200	242877	44.928	ng	98
69) Pentachlorophenol	11.23	266	276748	67.023	ng	98
70) Phenanthrene	11.45	178	1090833	40.338	ng	99
71) Anthracene	11.50	178	1129625	41.173	ng	100
72) Carbazole	11.66	167	987378	39.003	ng	99
73) Di-n-butylphthalate	11.99	149	1324528	44.710	ng	98
74) Fluoranthene	12.64	202	990696	34.567	ng	98
76) Benzidine	12.76	184	395259	30.731	ng	98
77) Pyrene	12.87	202	975234	42.598	ng	99
79) Butylbenzylphthalate	13.48	149	453866	48.612	ng	99
80) Benzo(a)anthracene	14.06	228	809424	41.852	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	201448	29.071	ng	# 98
82) Chrysene	14.09	228	769613	41.093	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	611142	49.769	ng	99
84) Di-n-octyl phthalate	14.65	149	983804	46.636	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	671643	44.337	ng	96
87) Benzo(b)fluoranthene	15.11	252	824897	43.734	ng	99
88) Benzo(k)fluoranthene	15.14	252	712088	39.956	ng	98
89) Benzo(a)pyrene	15.49	252	726814	43.465	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	563300	41.192	ng	97
91) Benzo(g,h,i)perylene	17.49	276	529085	39.524	ng	96

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

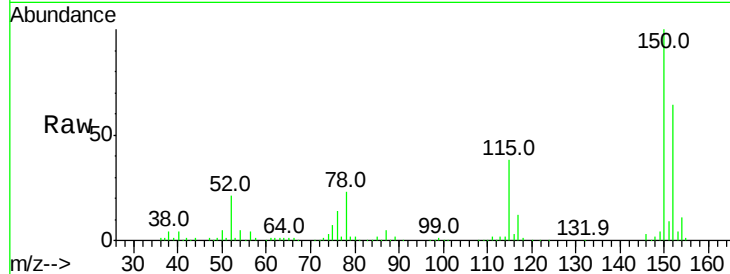


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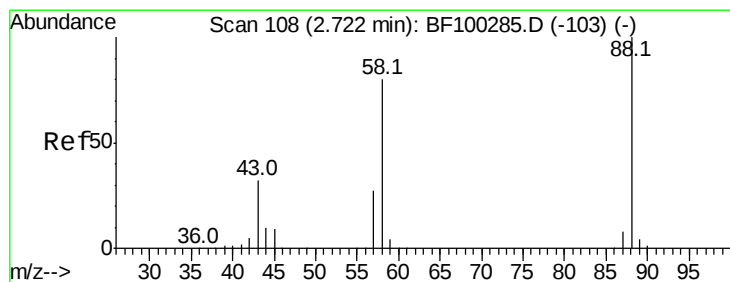
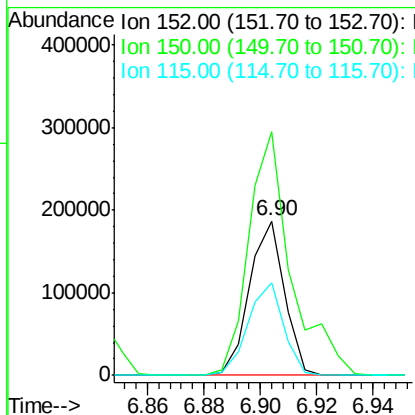
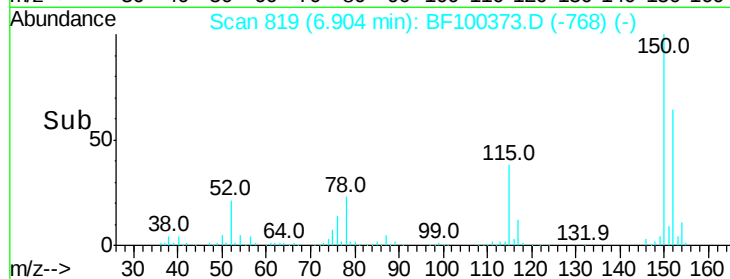
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 161169
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 59.5 50.1 75.1



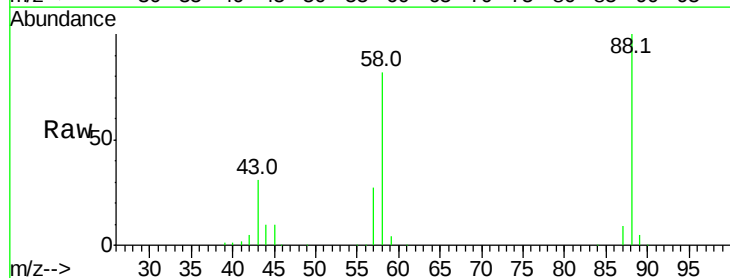
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



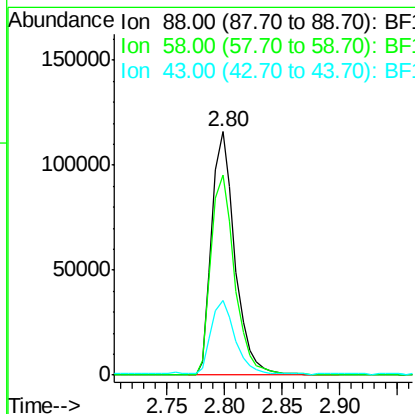
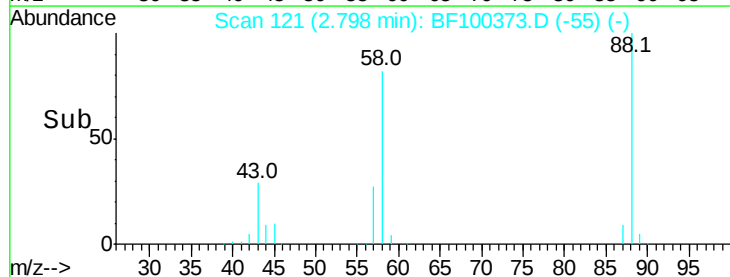
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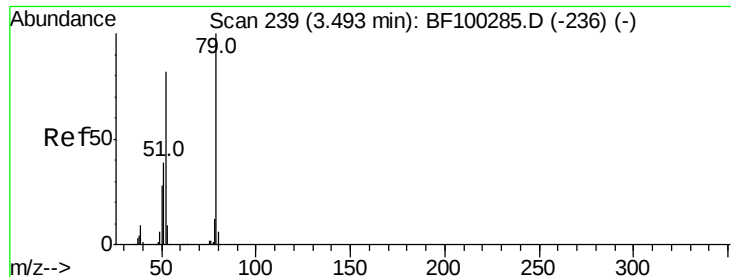
1,4-Dioxane
 Concen: 33.274 ng
 RT: 2.80 min Scan# 121
 Delta R.T. 0.09 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion: 88 Resp: 163036
 Ion Ratio Lower Upper
 88 100
 58 84.5 62.6 93.8
 43 31.3 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: 35.641 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.07 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

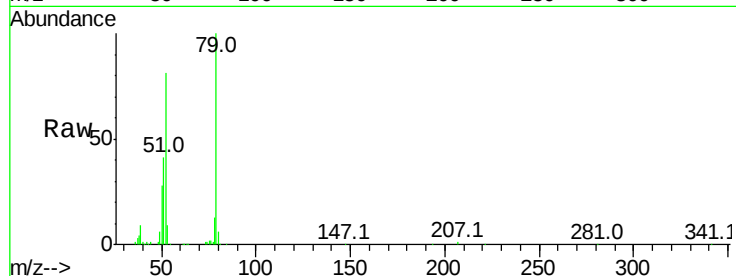
Tot Ion: 79 Resp: 476436

Ion Ratio Lower Upper

79 100

52 81.3 59.8 89.6

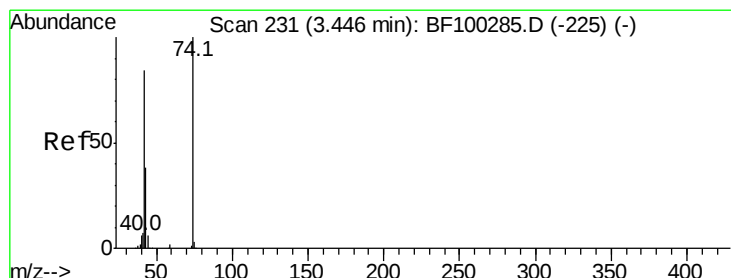
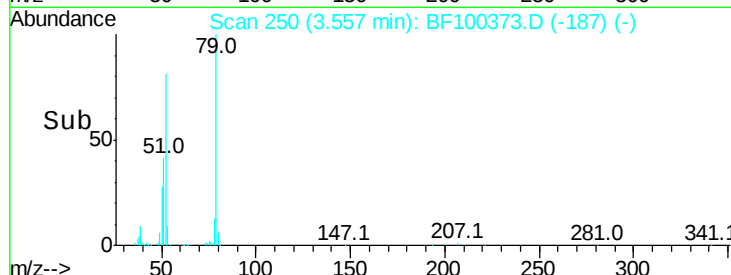
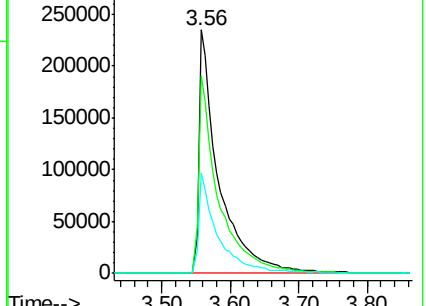
51 41.0 29.8 44.8



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: 37.546 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.06 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

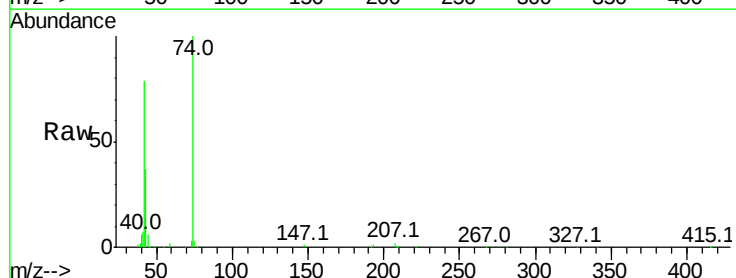
Tgt Ion: 42 Resp: 243682

Ion Ratio Lower Upper

42 100

74 126.1 104.9 157.3

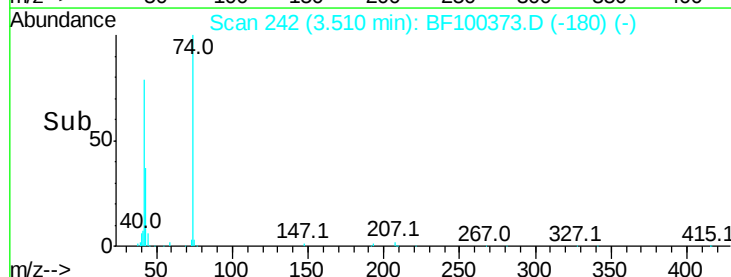
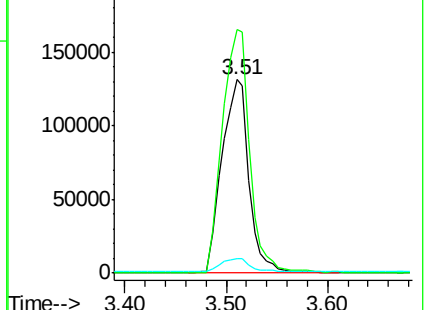
44 7.7 6.9 10.3

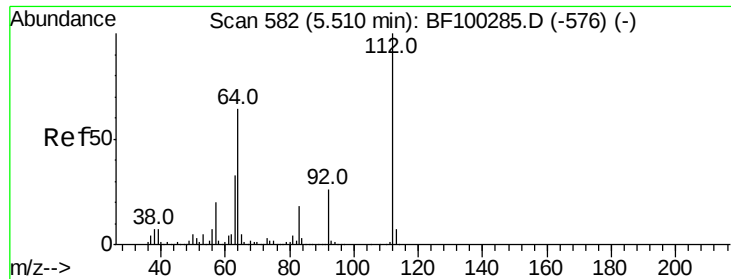


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.966 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

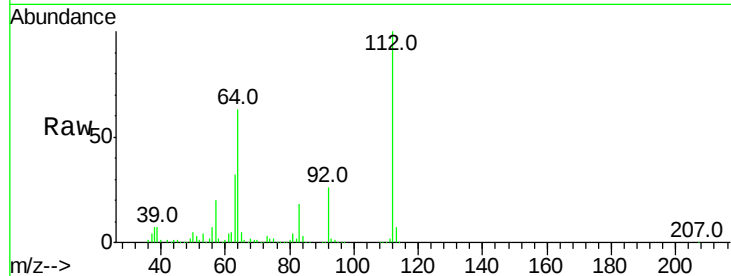
Tot Ion:112 Resp: 1336877

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

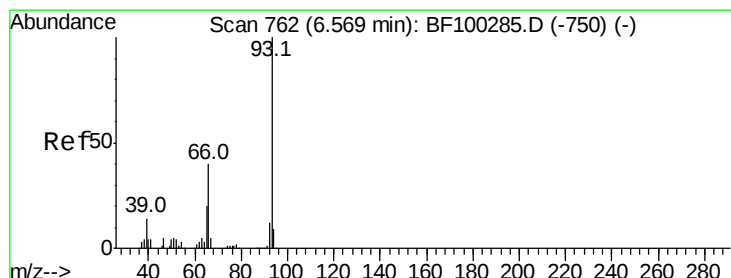
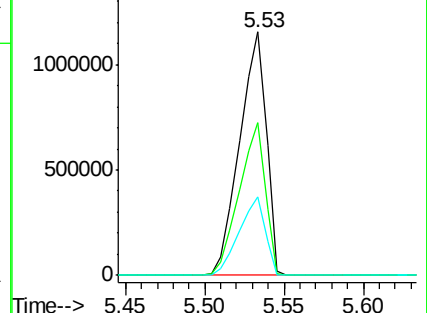
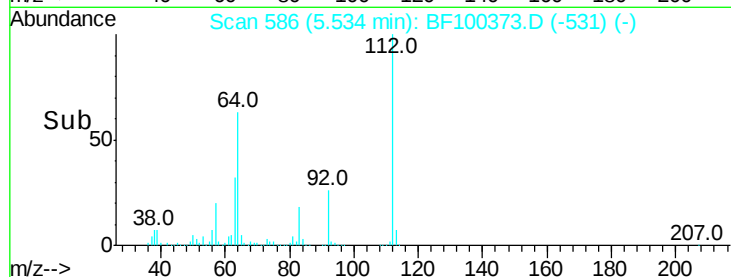
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.990 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

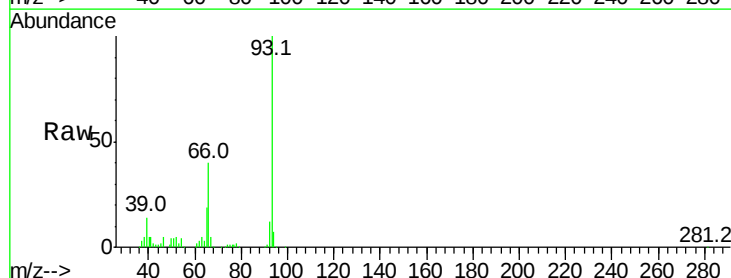
Tgt Ion: 93 Resp: 280072

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

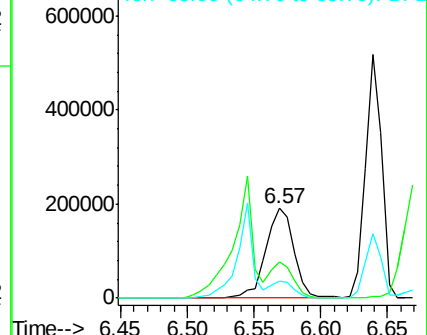
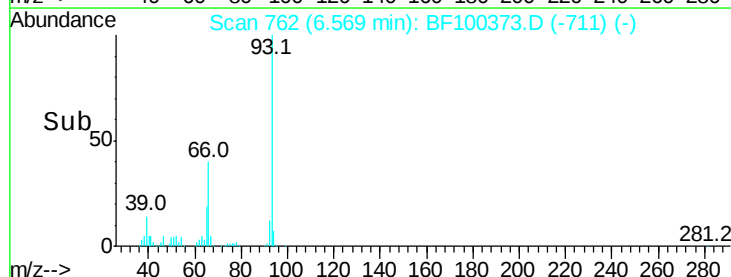
65 19.5 16.4 24.6

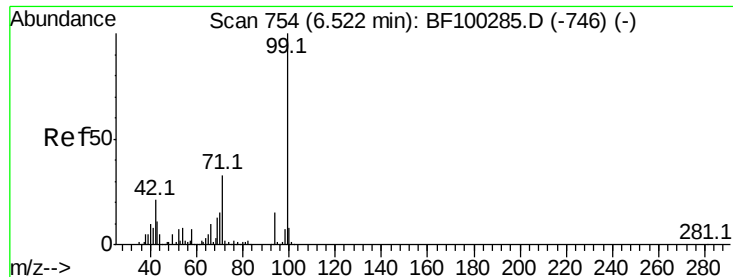


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.220 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

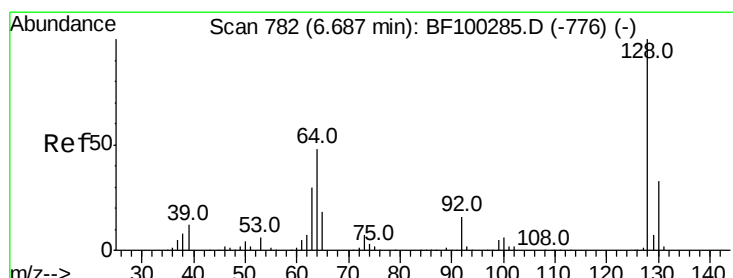
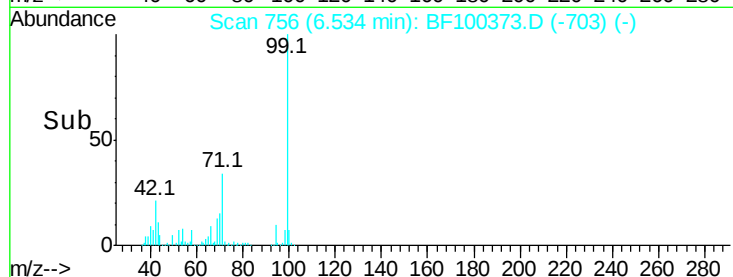
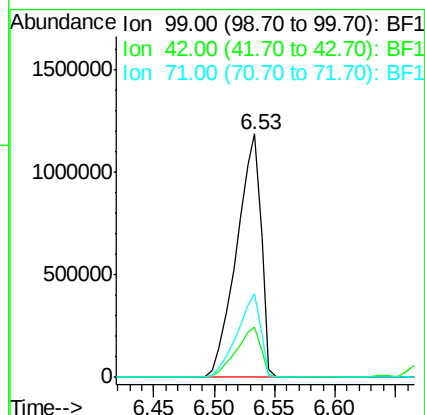
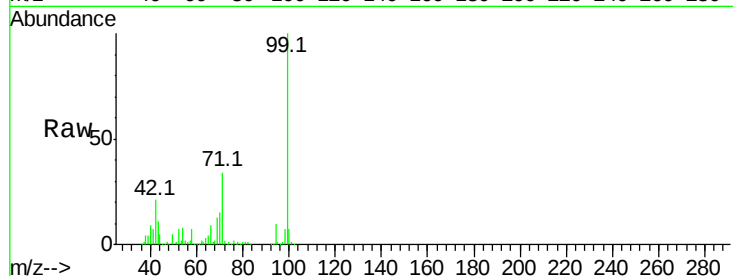
Tot Ion: 99 Resp: 1676493

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 34.2 25.4 38.0



#8

2-Chlorophenol

Concen: 41.287 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

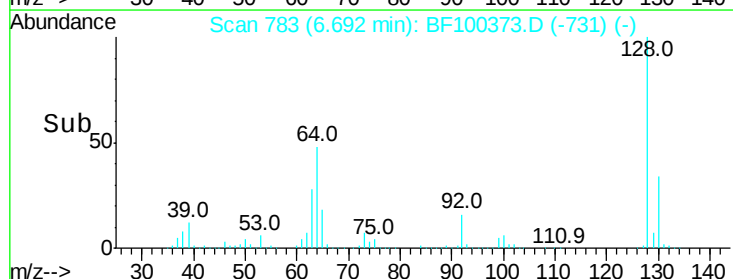
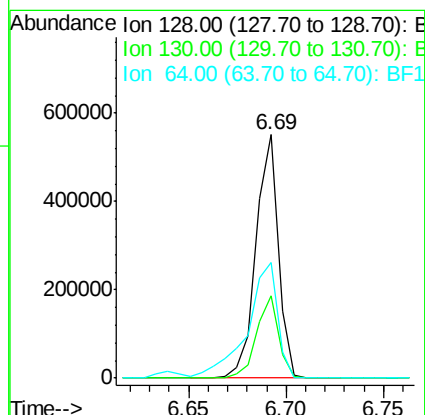
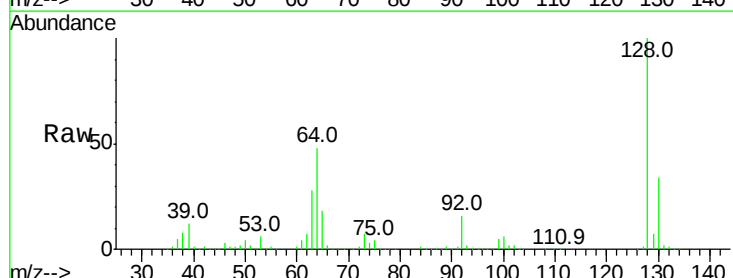
Tgt Ion:128 Resp: 439143

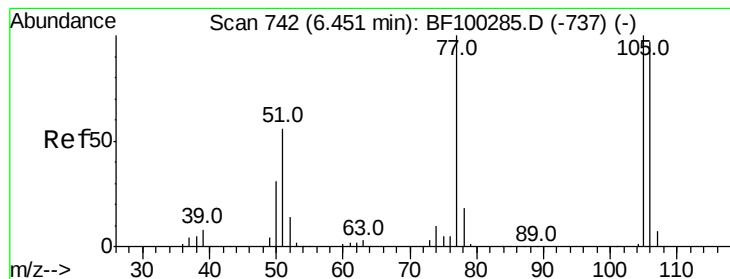
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 47.7 29.4 69.4





#9

Benzaldehyde

Concen: 30.911 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampled :

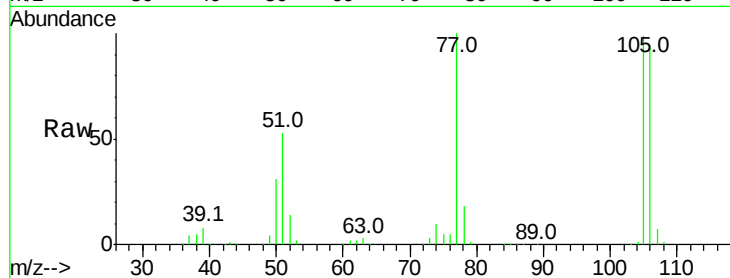
Tot Ion: 77 Resp: 273690

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

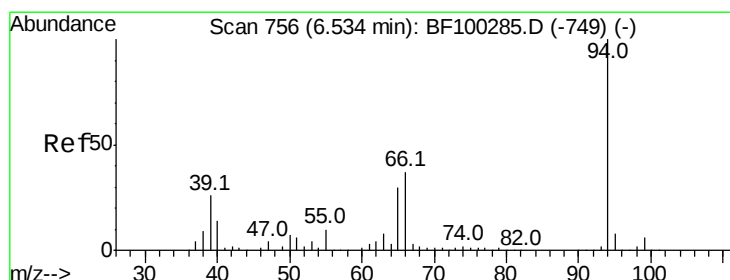
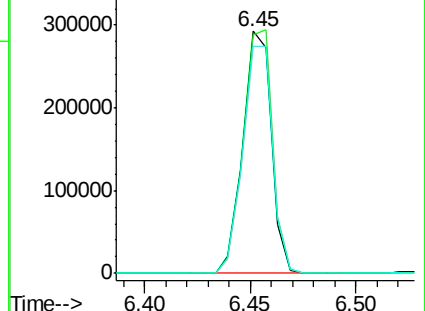
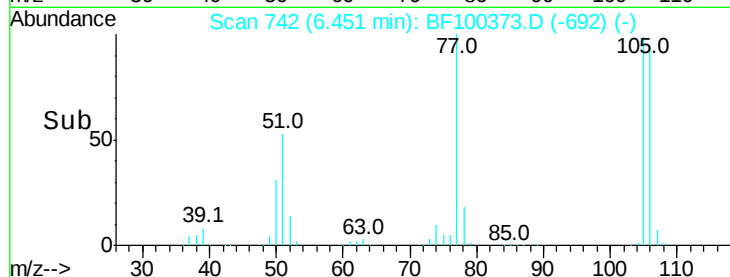
106 93.9 74.5 114.5



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: 40.315 ng

RT: 6.55 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

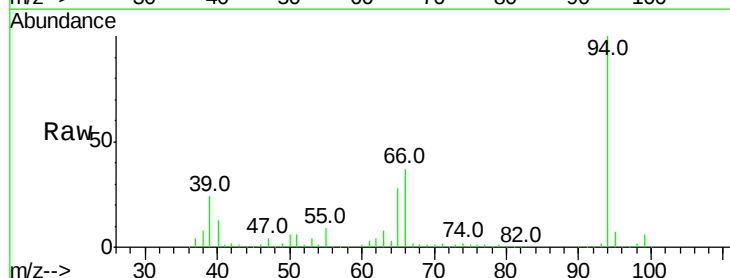
Tgt Ion: 94 Resp: 524727

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

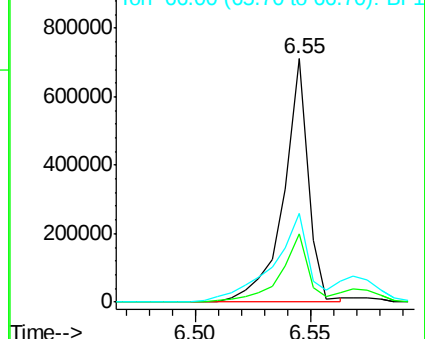
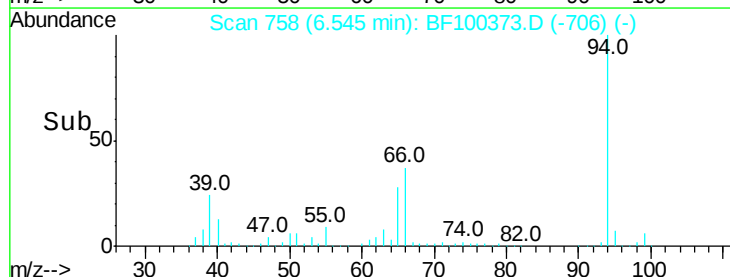
66 36.6 16.2 56.2

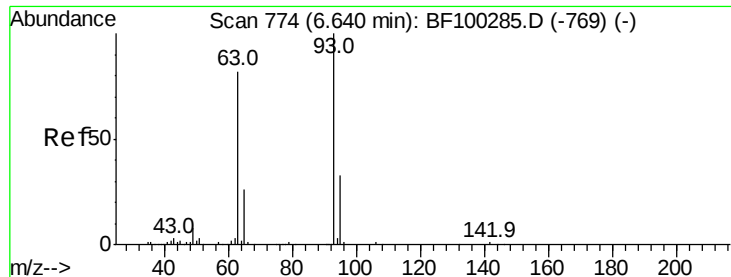


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.574 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

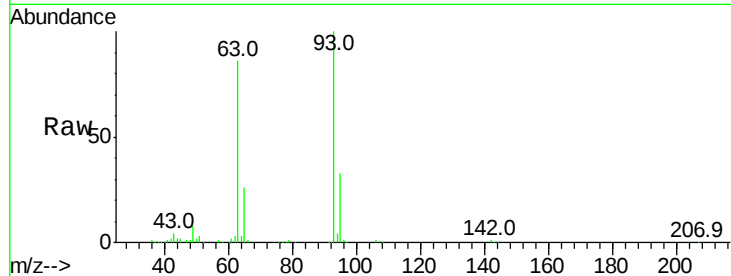
Tot Ion: 93 Resp: 432643

Ion Ratio Lower Upper

93 100

63 85.7 58.6 98.6

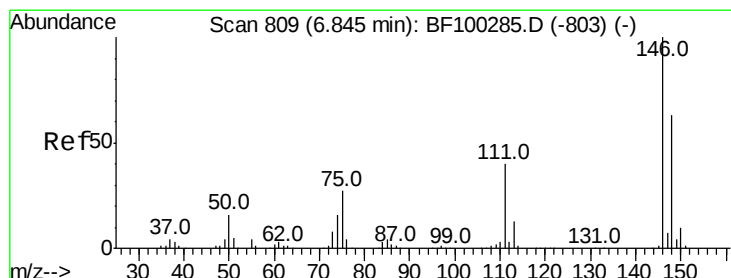
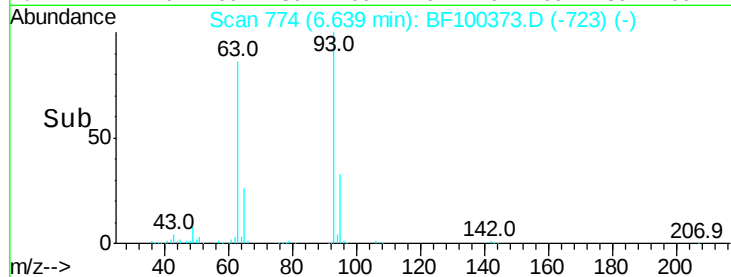
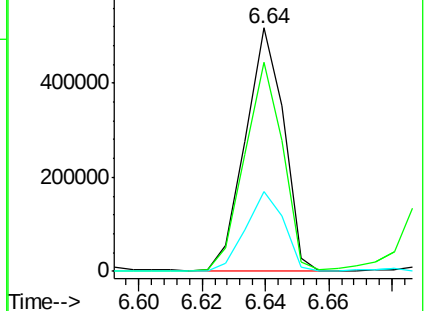
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.763 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

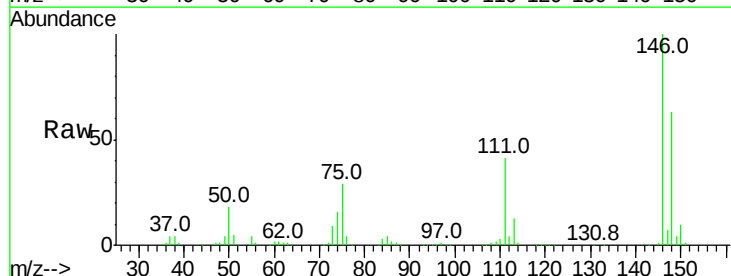
Tgt Ion: 146 Resp: 487613

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

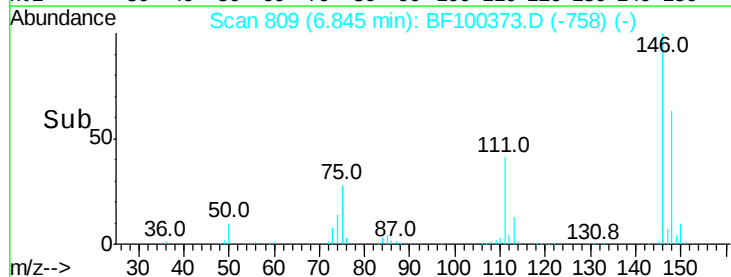
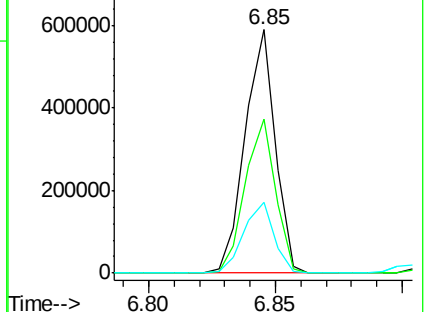
75 29.2 24.2 36.4

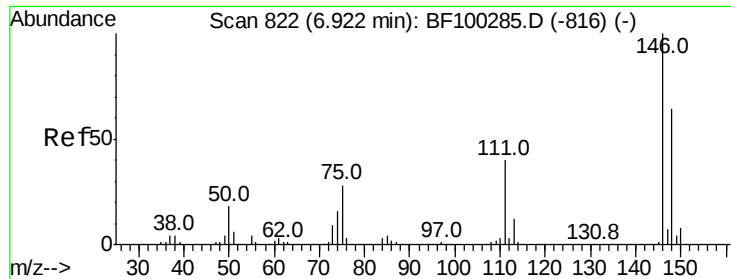


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

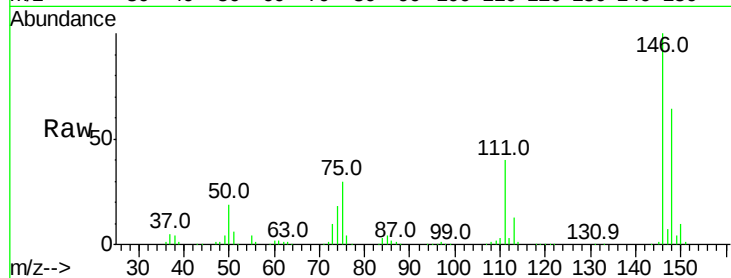




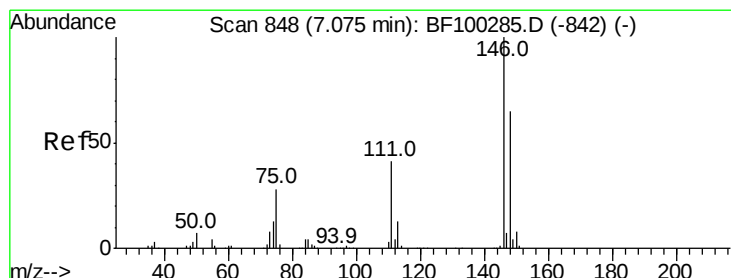
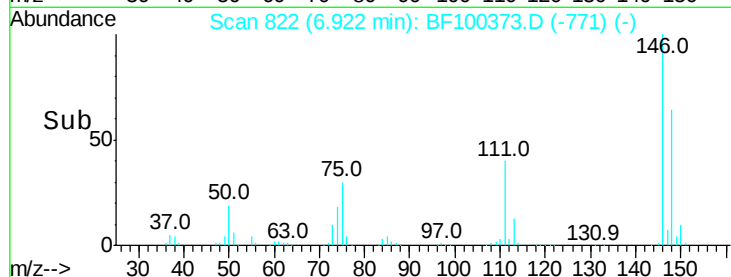
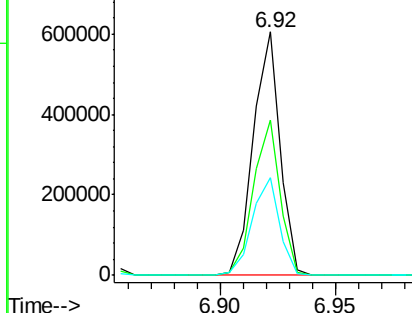
#13
 1,4-Dichlorobenzene
 Concen: 39.502 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 490291
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 40.2 34.2 51.2

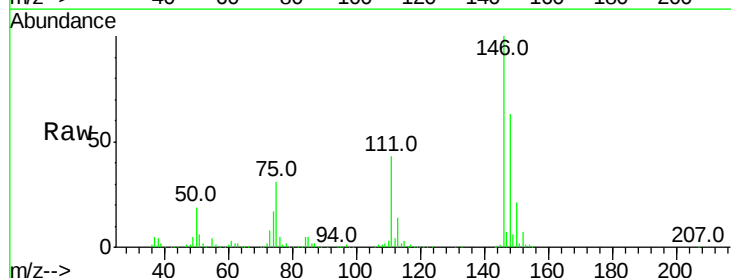


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

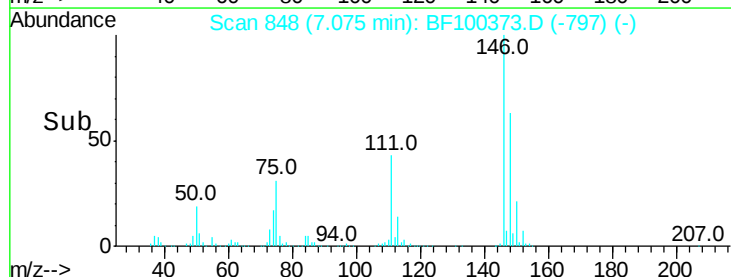
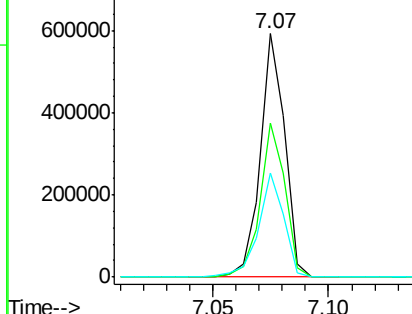


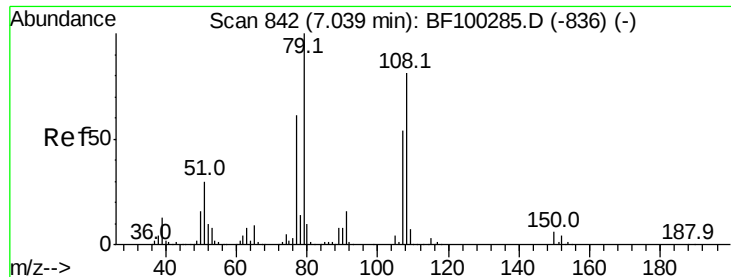
#14
 1,2-Dichlorobenzene
 Concen: 38.219 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion:146 Resp: 438590
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 42.9 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

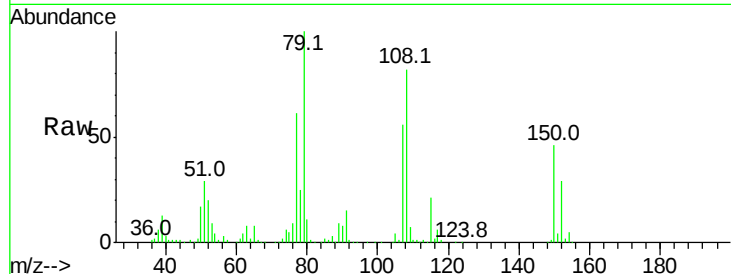




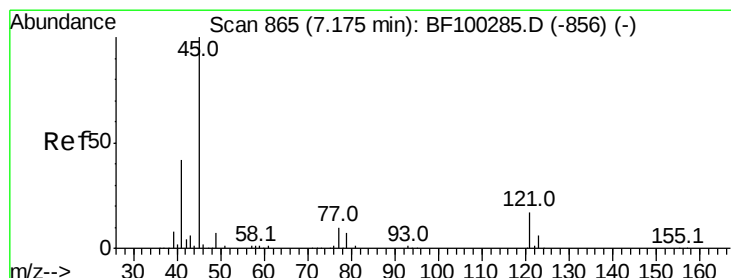
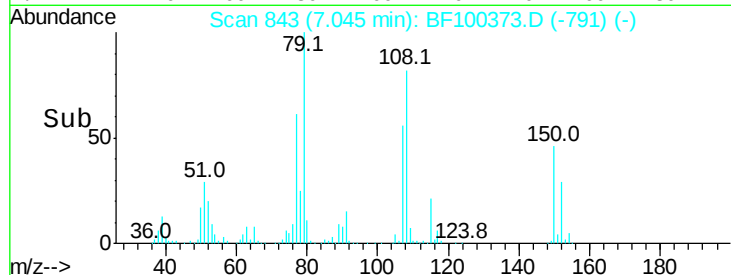
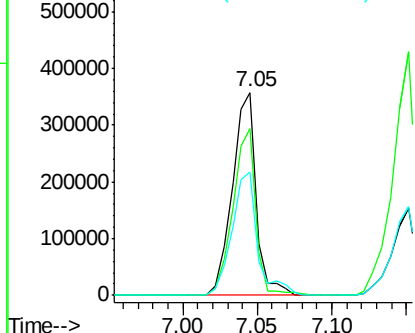
#15
Benzyl Alcohol
Concen: 41.471 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 401284
Ion Ratio Lower Upper
79 100
108 82.1 65.1 97.7
77 61.1 50.6 75.8

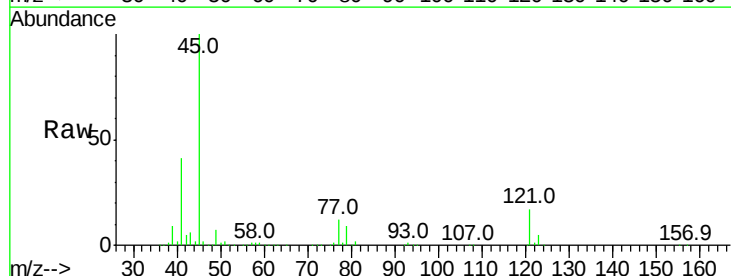


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

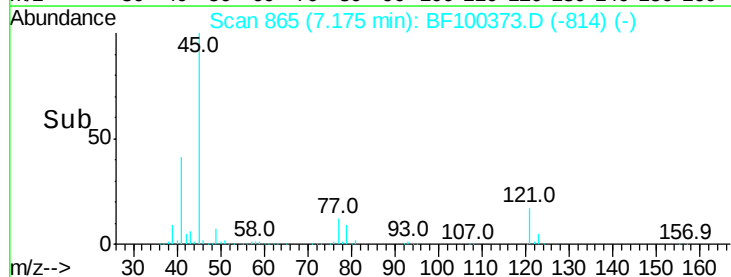
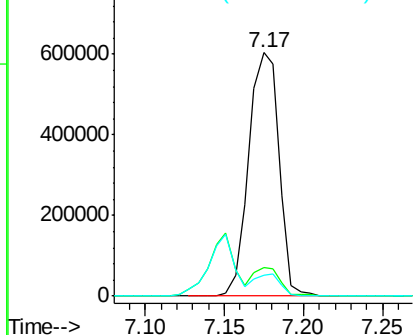


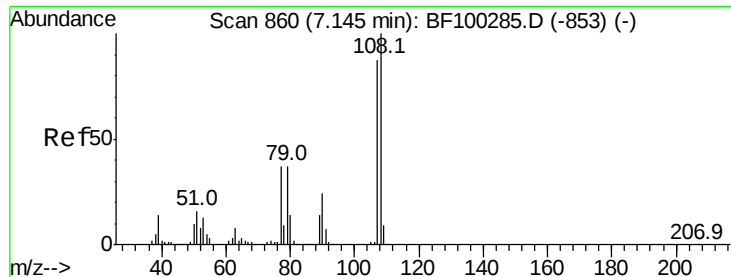
#16
2,2'-oxybis(1-chloropropane)
Concen: 45.979 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion: 45 Resp: 803959
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.9
79 8.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

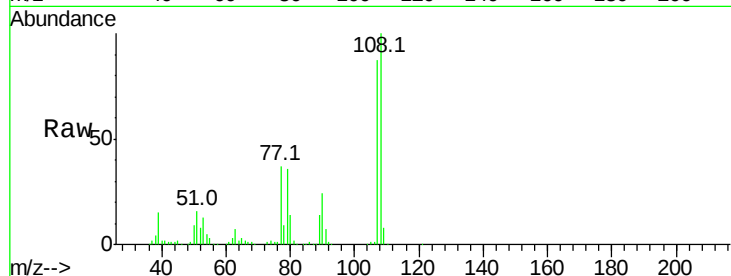




#17
2-Methylphenol
Concen: 42.816 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	42.0	33.8	50.8
79	40.9	33.8	50.8



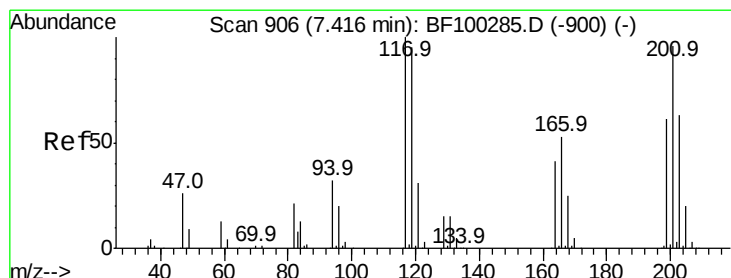
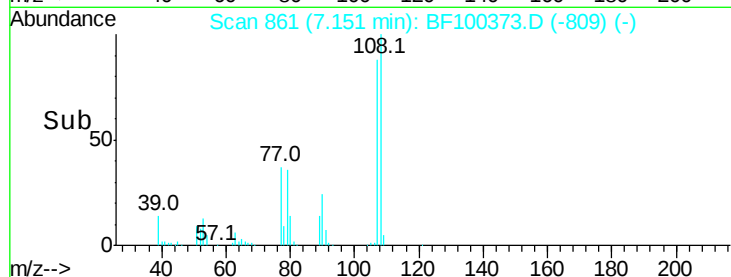
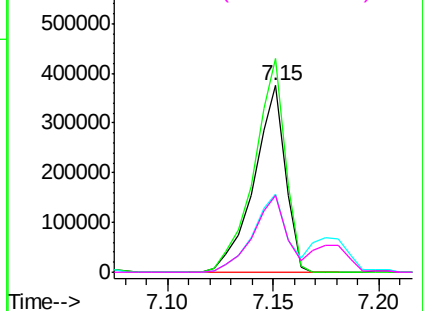
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

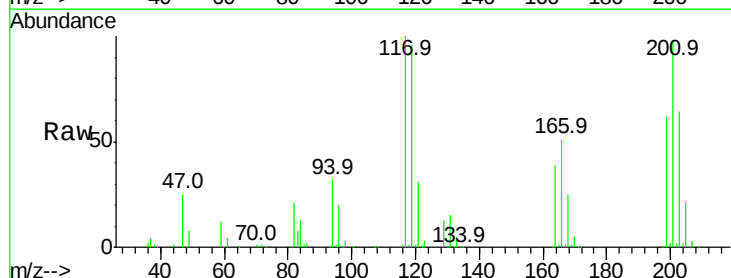
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.415 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.1	75.7	113.5

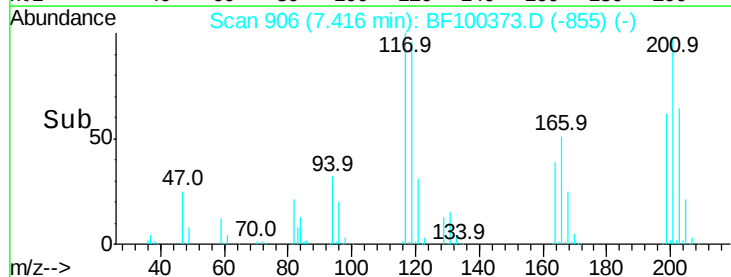
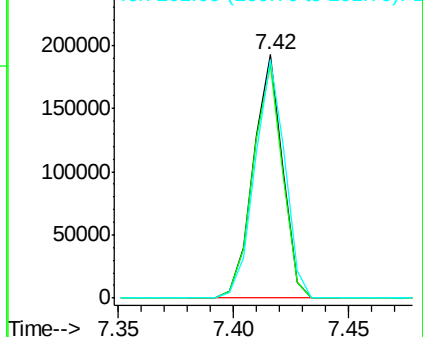


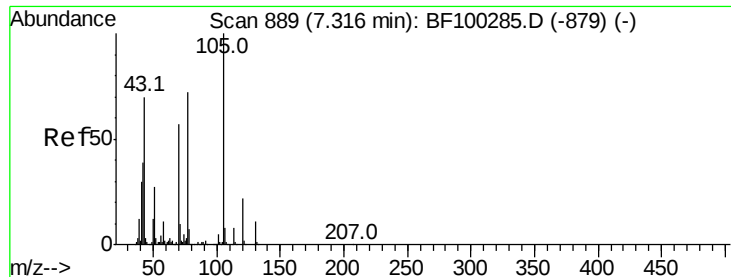
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

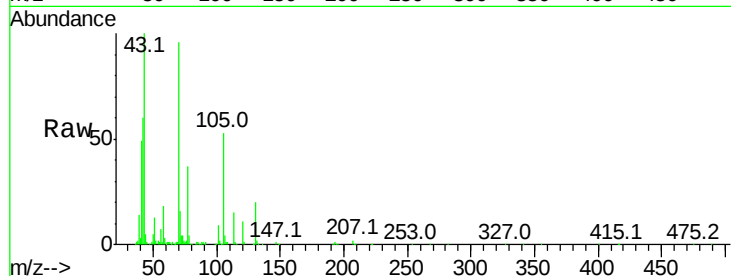




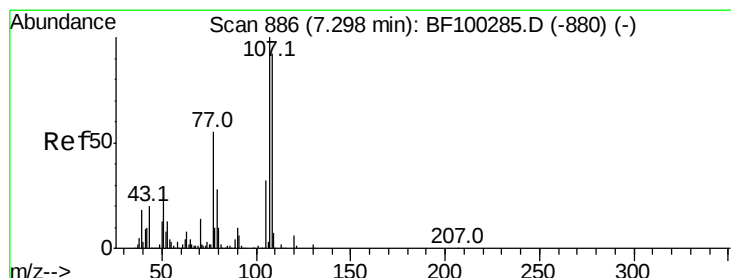
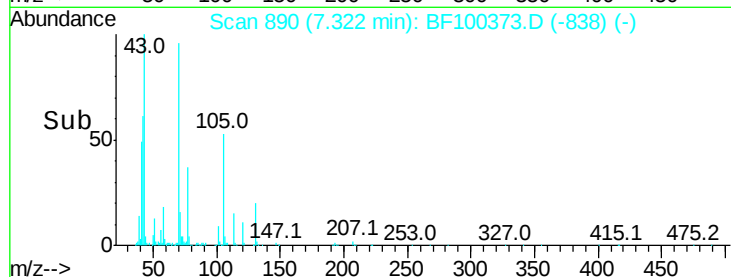
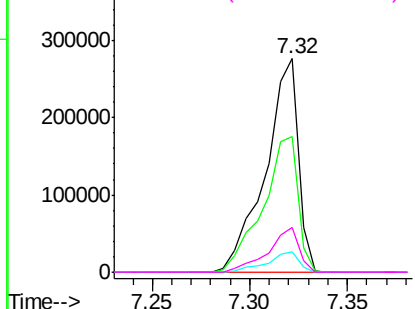
#19
n-Nitroso-di-n-propylamine
Concen: 37.706 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 324204
Ion Ratio Lower Upper
70 100
42 63.2 47.5 71.3
101 9.9 7.4 11.2
130 20.8 16.6 25.0

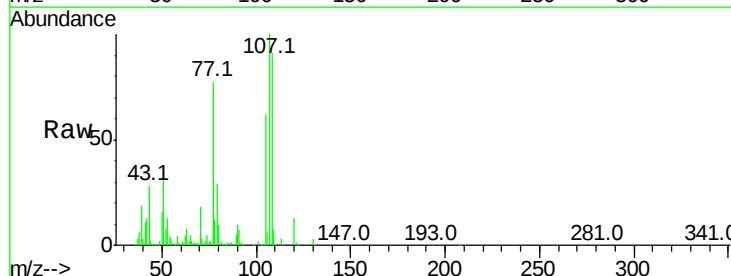


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

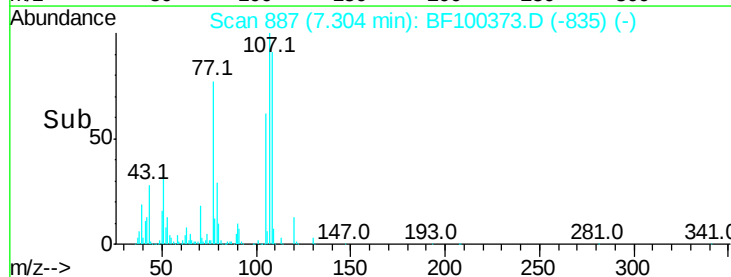
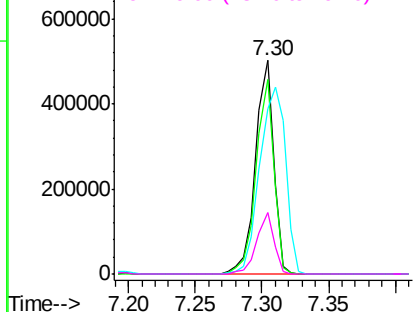


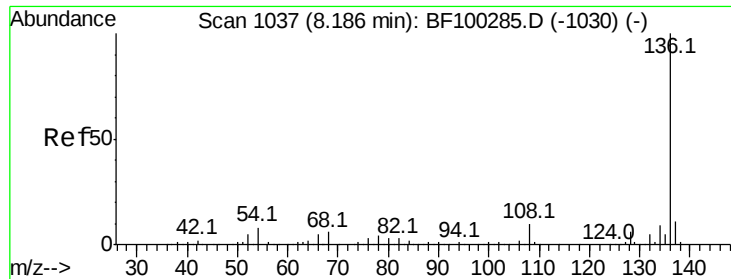
#20
3+4-Methylphenols
Concen: 40.340 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion: 107 Resp: 463999
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 77.3 26.7 66.7#
79 28.5 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

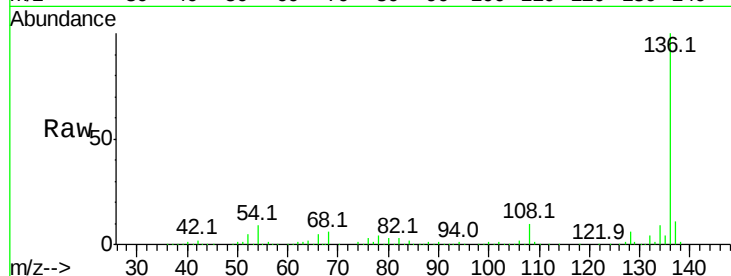




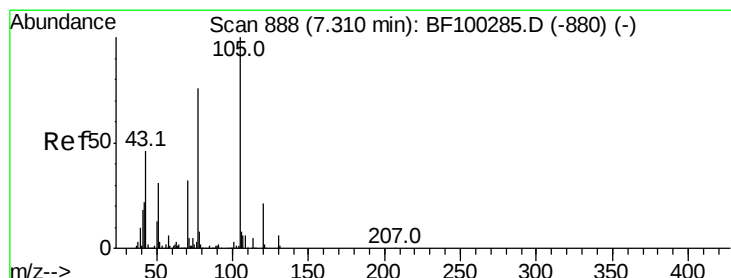
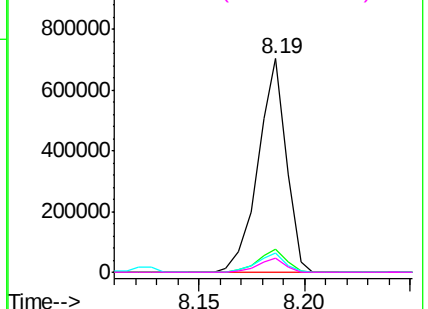
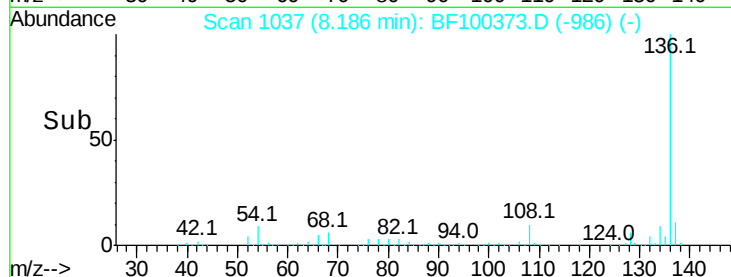
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 651437
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 8.8	6.6 9.8
68 6.5	5.0 7.4

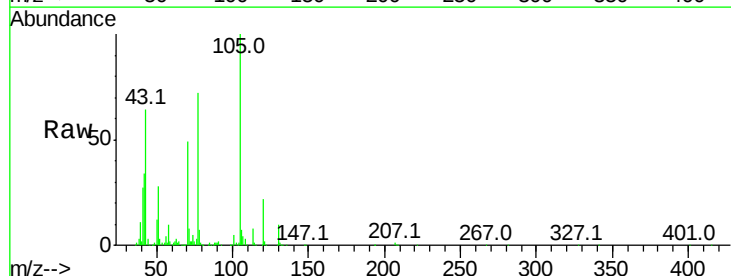


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

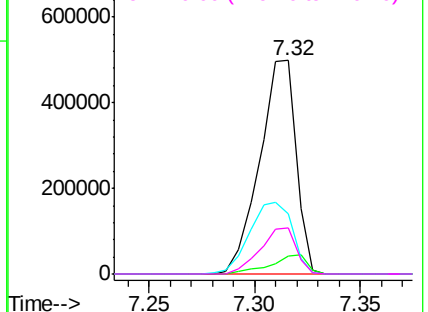
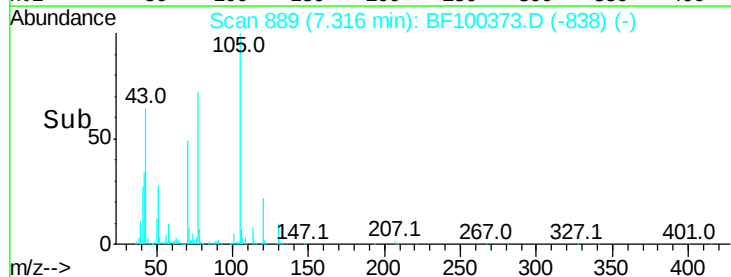


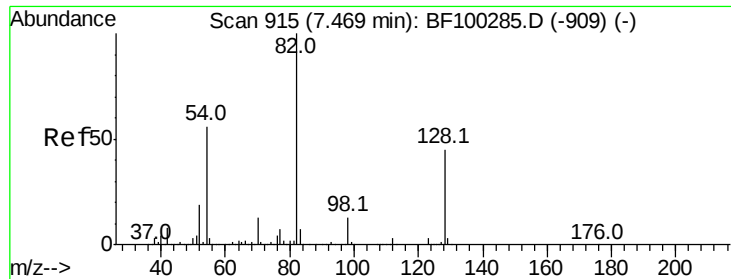
#22
Acetophenone
Concen: 37.874 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt	Ion:105	Resp:	601641
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	28.4	22.3	33.5
120	21.5	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

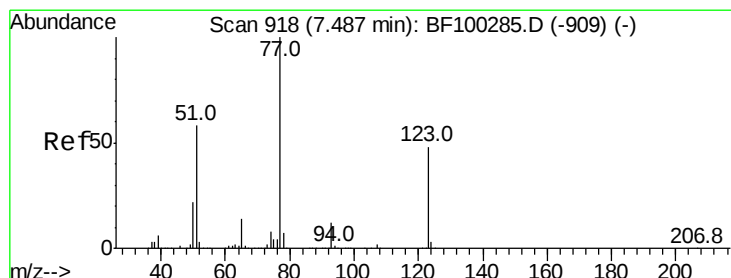
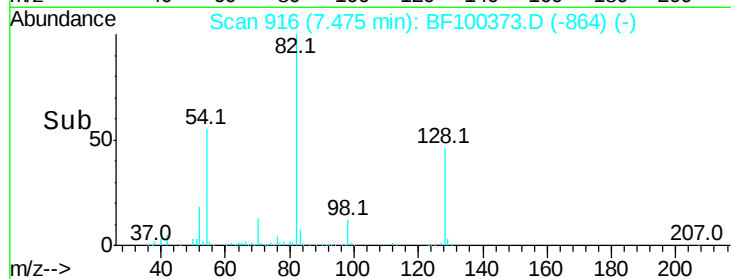
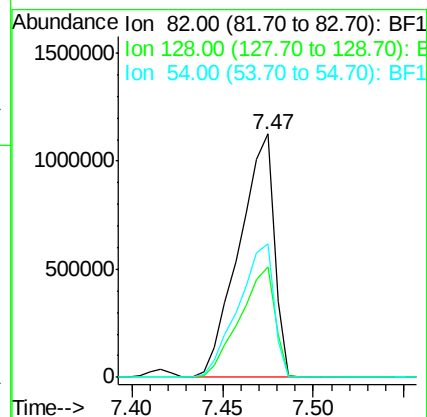
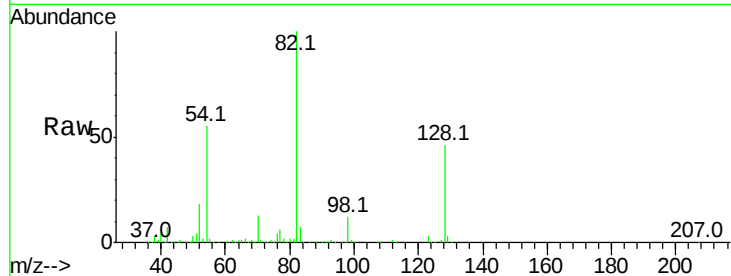




#23
 Nitrobenzene-d5
 Concen: 154.113 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

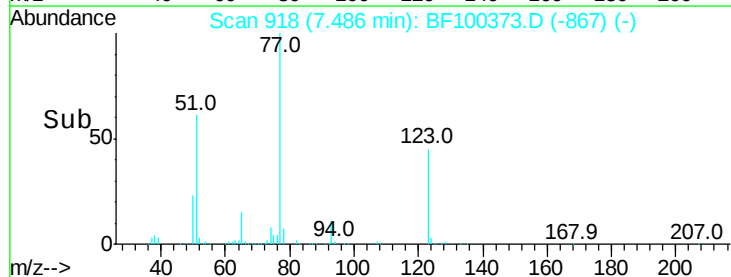
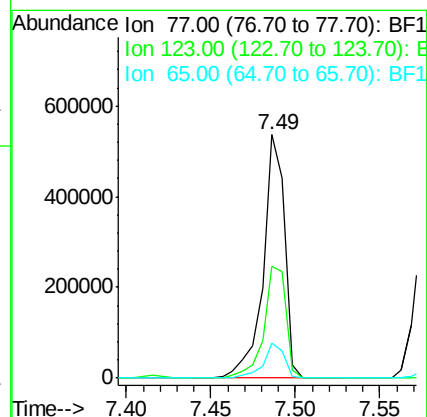
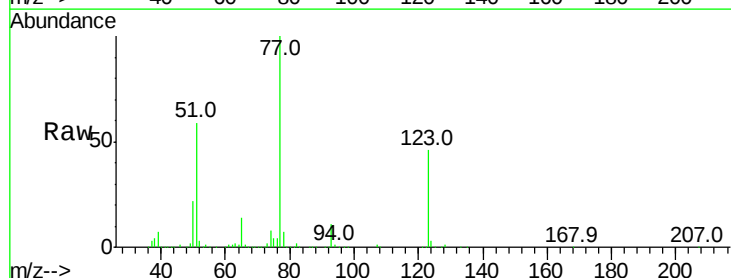
Instrument :
 BNA_F
 ClientSampled :

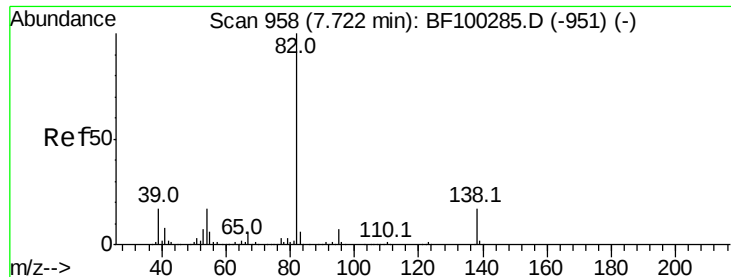
Tot Ion: 82 Resp: 1518529
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 54.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 46.575 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion: 77 Resp: 472343
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.9 56.9
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 43.040 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampled :

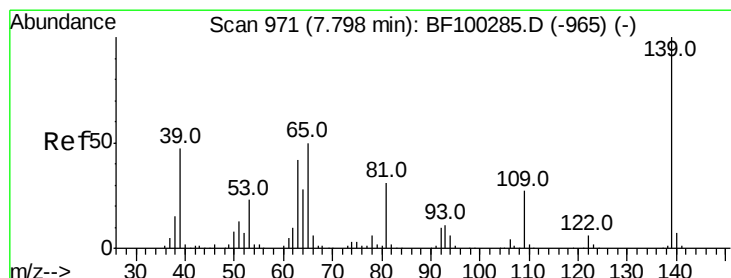
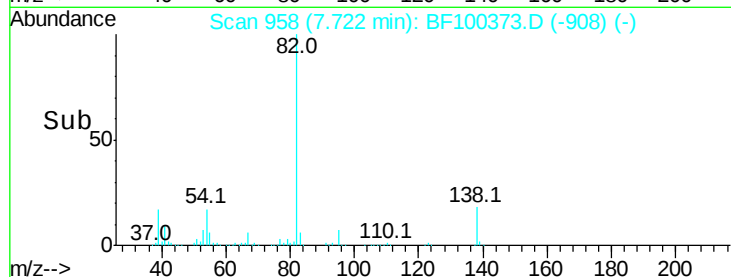
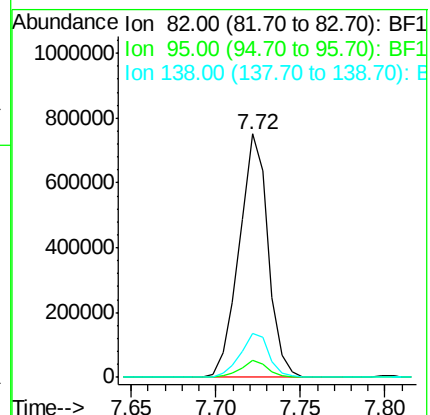
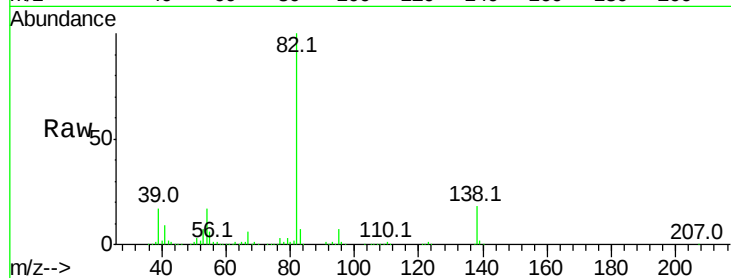
Tot Ion: 82 Resp: 891192

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 51.933 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

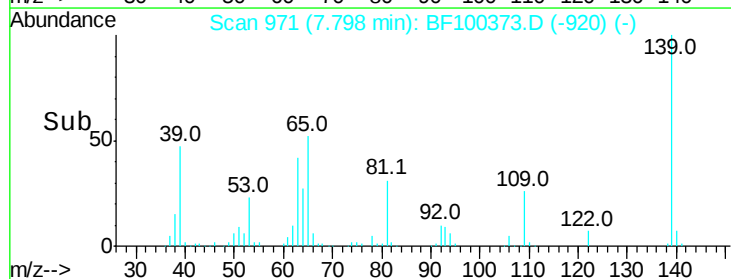
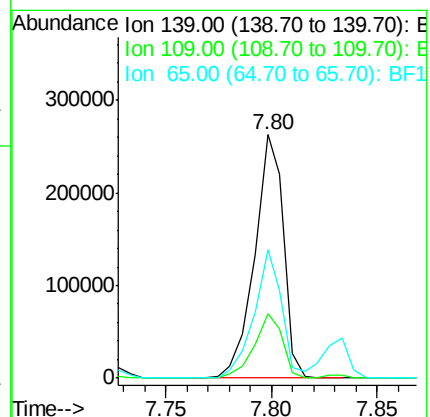
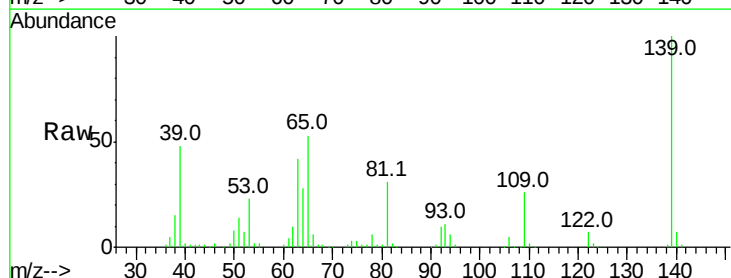
Tgt Ion: 139 Resp: 249300

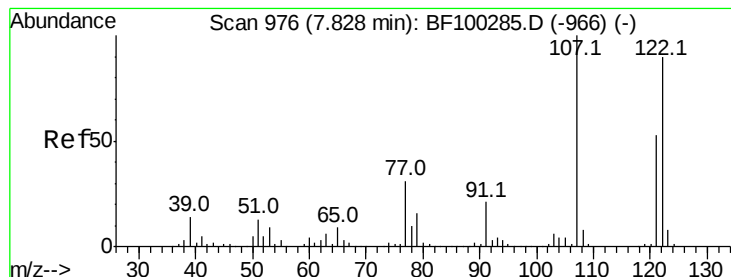
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 52.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.007 ng

RT: 7.83 min Scan# 977

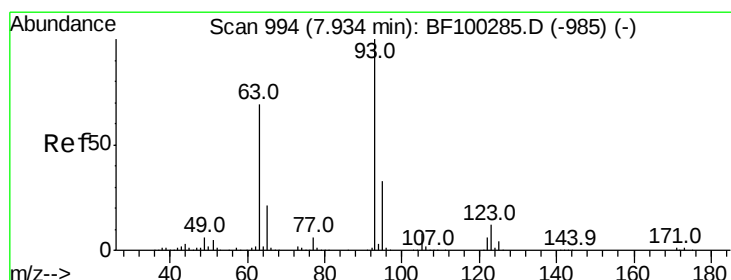
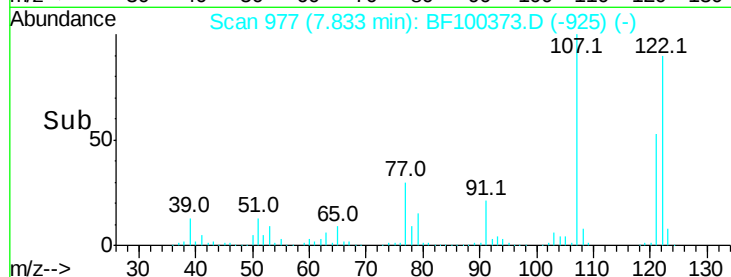
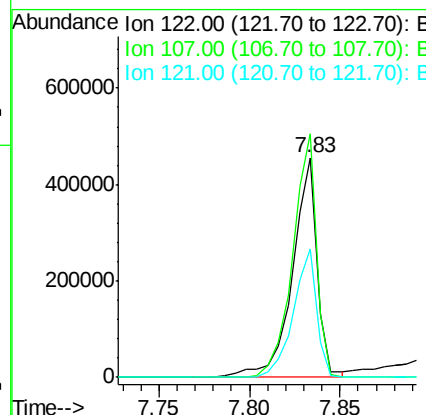
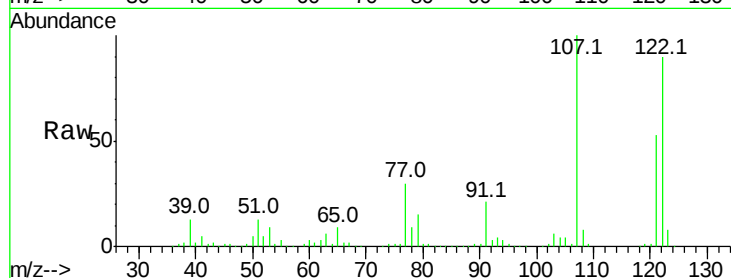
Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	122	Resp:	436317
Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.3	47.2	70.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.462 ng

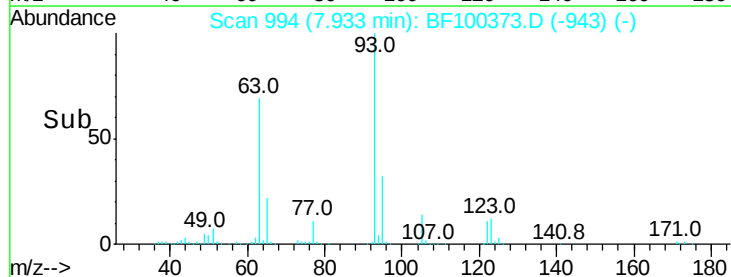
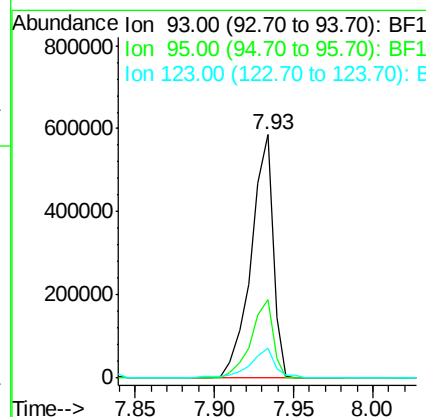
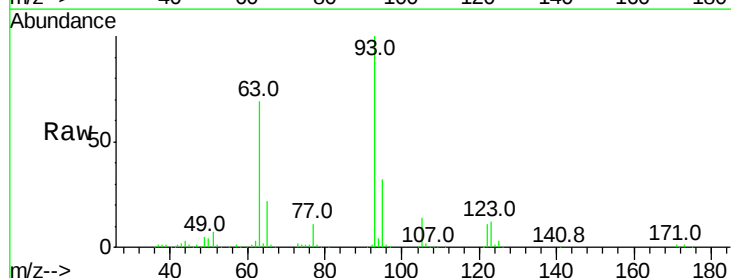
RT: 7.93 min Scan# 994

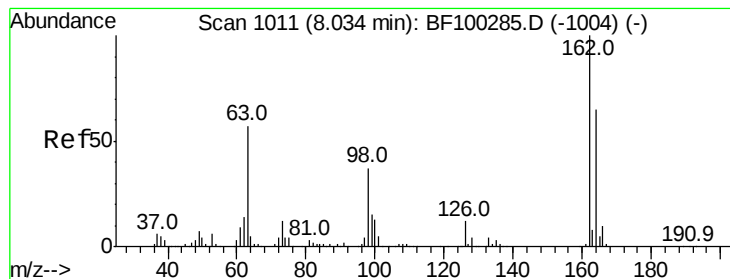
Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Tgt Ion:	93	Resp:	561564
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.099 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

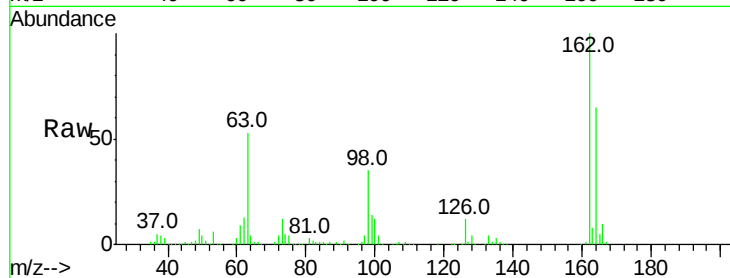
Tot Ion:162 Resp: 390763

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

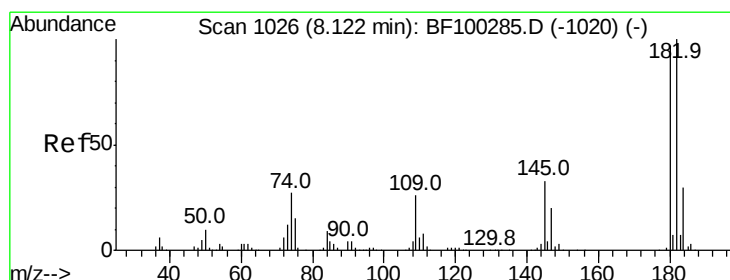
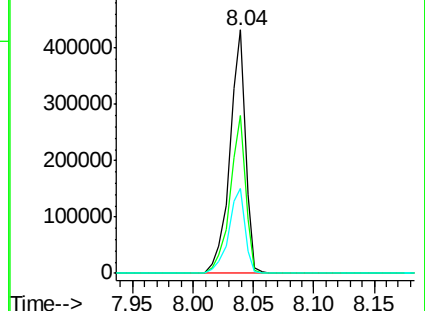
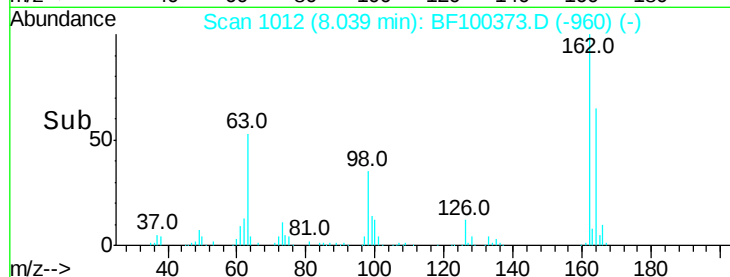
98 34.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.379 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

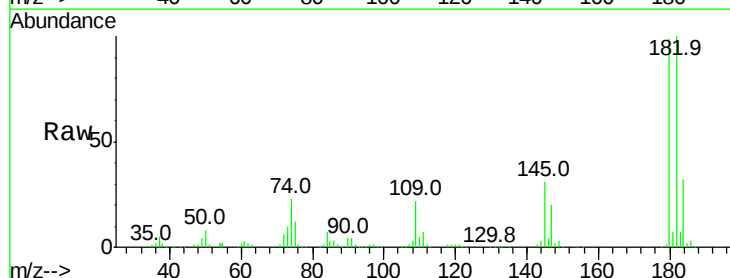
Tgt Ion:180 Resp: 396624

Ion Ratio Lower Upper

180 100

182 100.7 76.8 115.2

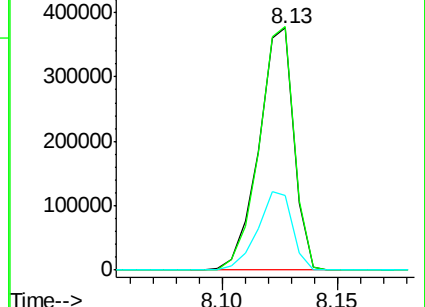
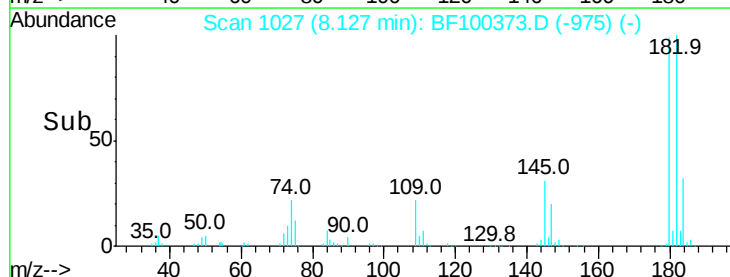
145 30.8 26.5 39.7

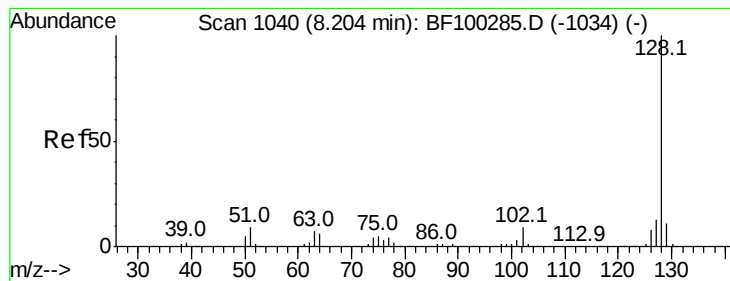


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.131 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

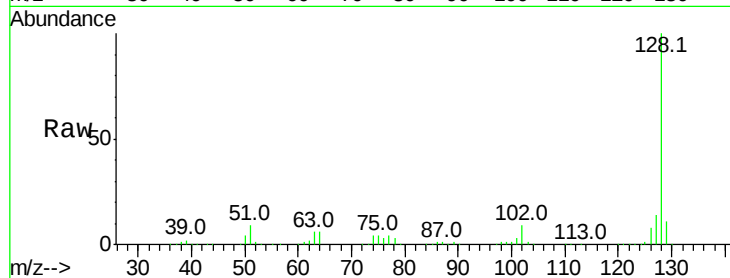
Tot Ion:128 Resp: 1259178

Ion Ratio Lower Upper

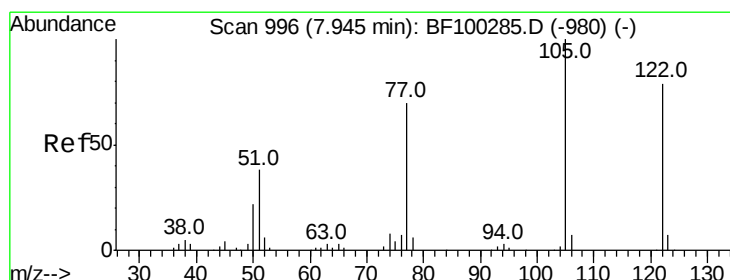
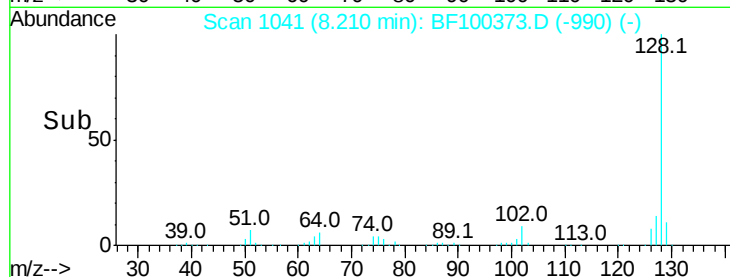
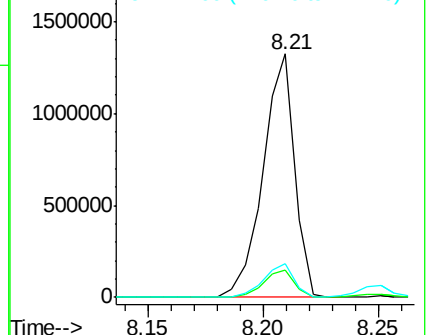
128 100

129 11.1 8.8 13.2

127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.652 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

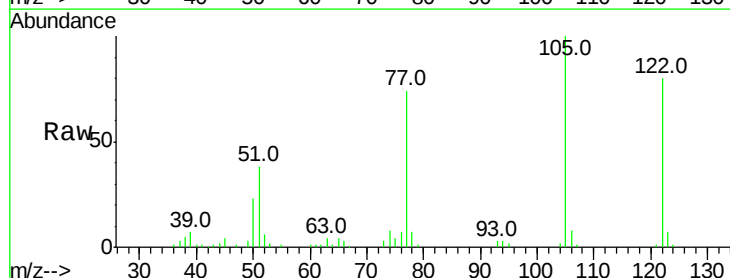
Tgt Ion:122 Resp: 293943

Ion Ratio Lower Upper

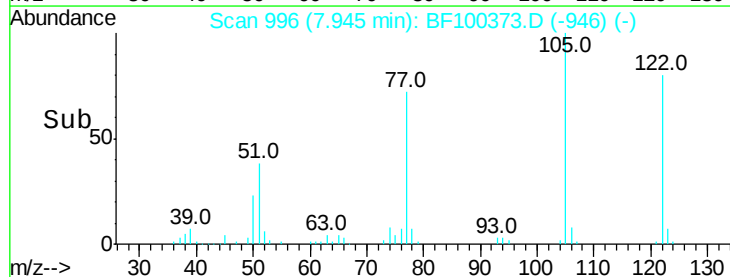
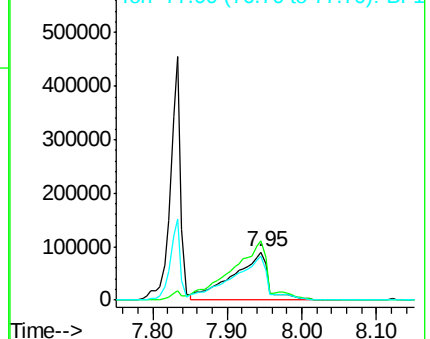
122 100

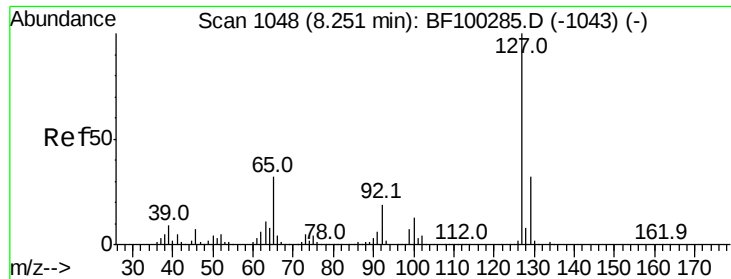
105 124.3 101.1 141.1

77 91.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

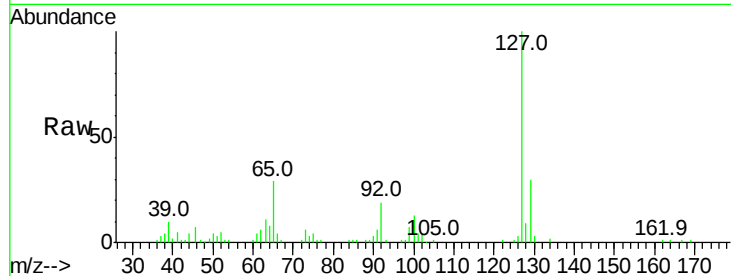




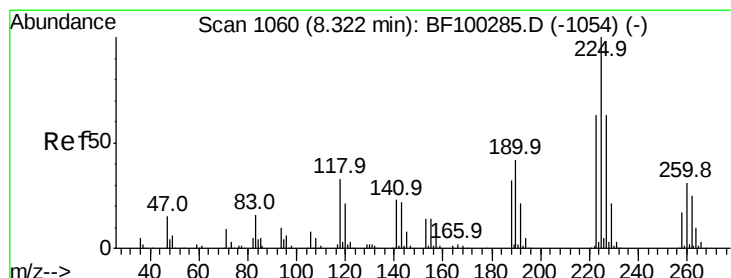
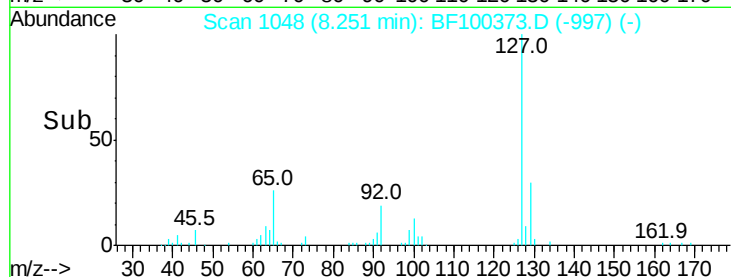
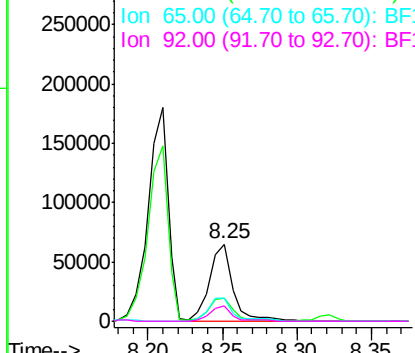
#33
4-Chloroaniline
Concen: 5.493 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	71748
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	29.1	25.0	37.4
92	19.4	15.2	22.8

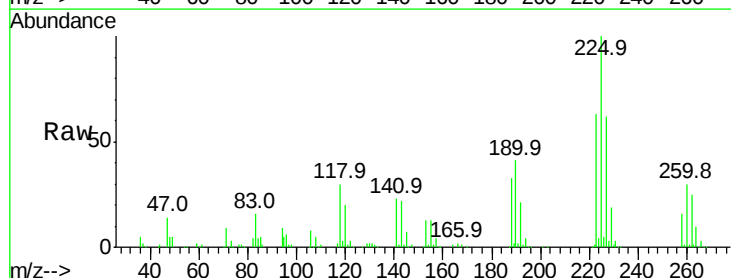


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

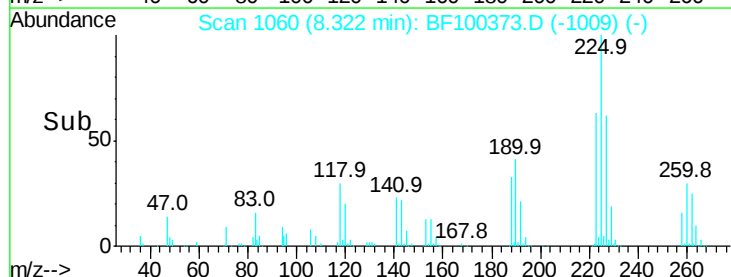
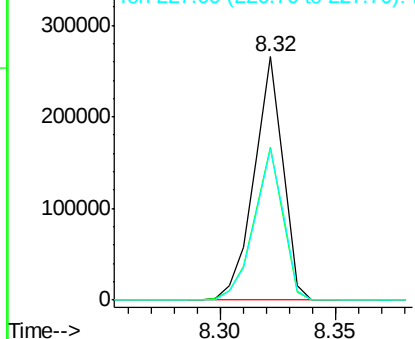


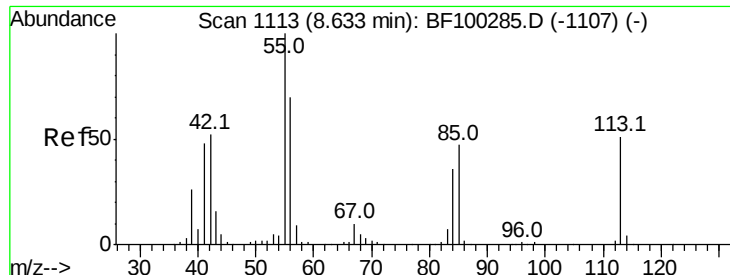
#34
Hexachlorobutadiene
Concen: 40.794 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:	225	Resp:	232486
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	62.2	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

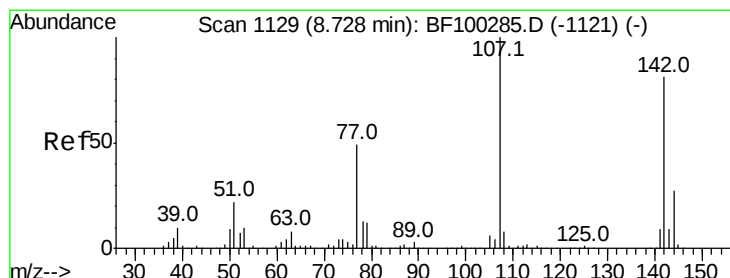
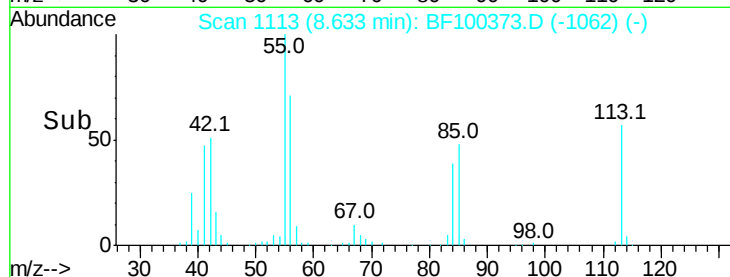
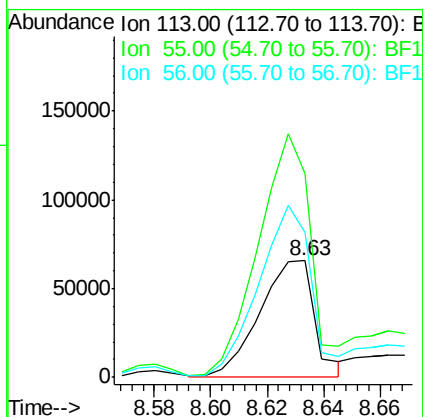
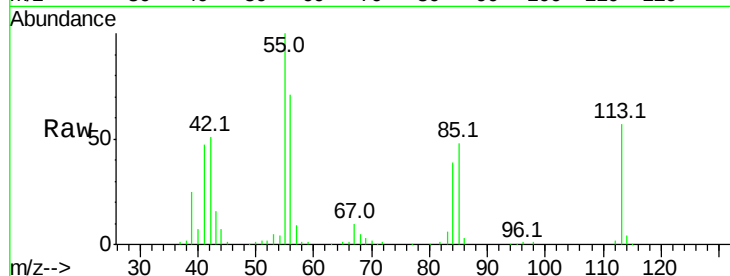




#35
 Caprolactam
 Concen: 29.226 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

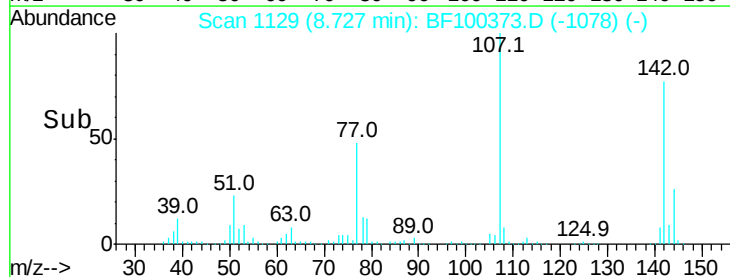
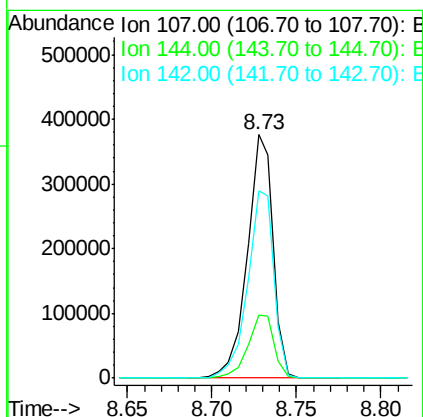
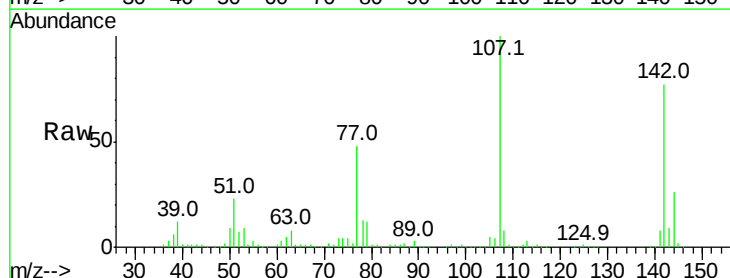
Instrument :
 BNA_F
 ClientSampleId :

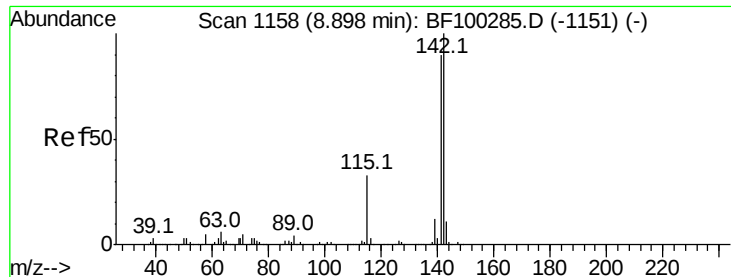
Tot Ion:113 Resp: 88876
 Ion Ratio Lower Upper
 113 100
 55 175.4 163.3 203.3
 56 124.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.171 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion:107 Resp: 401330
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.2 62.0 93.0

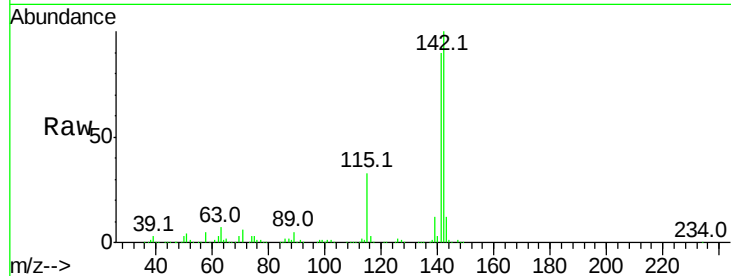




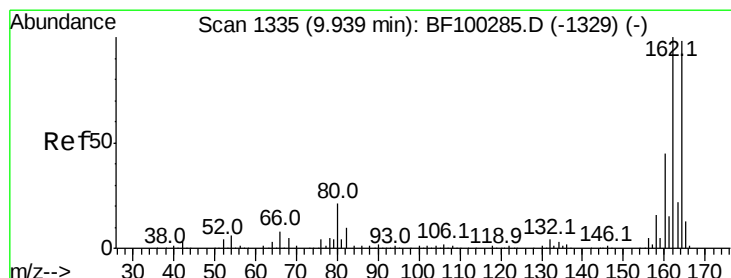
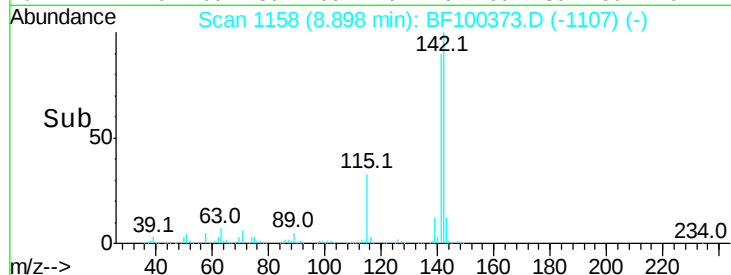
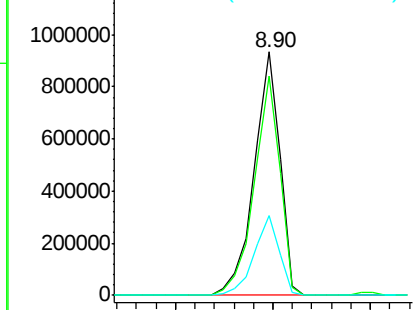
#37
 2-Methylnaphthalene
 Concen: 41.090 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	32.9	26.1	39.1

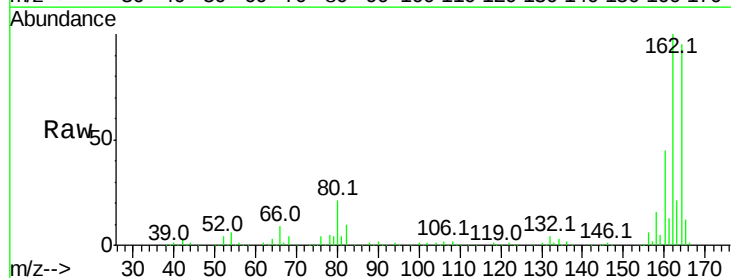


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

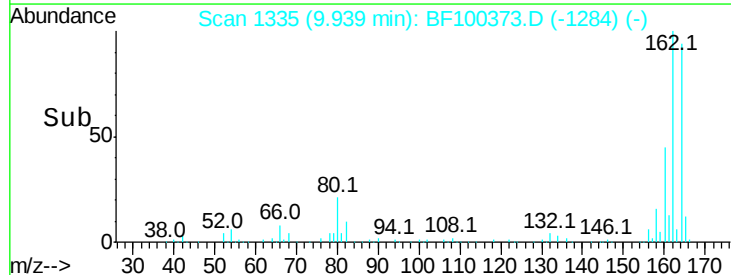
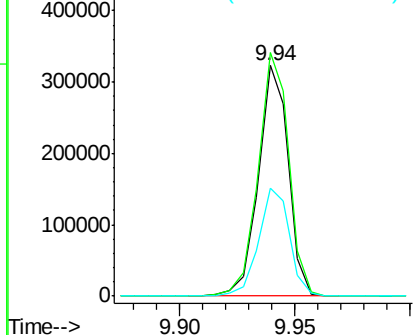


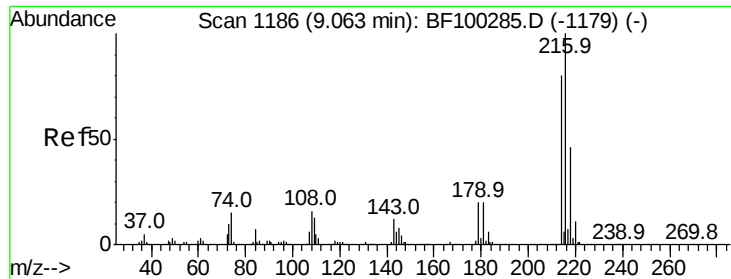
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.0	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

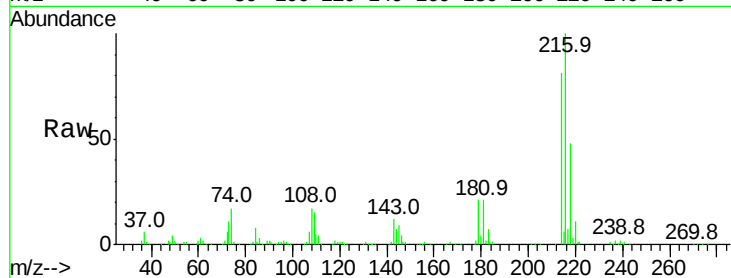




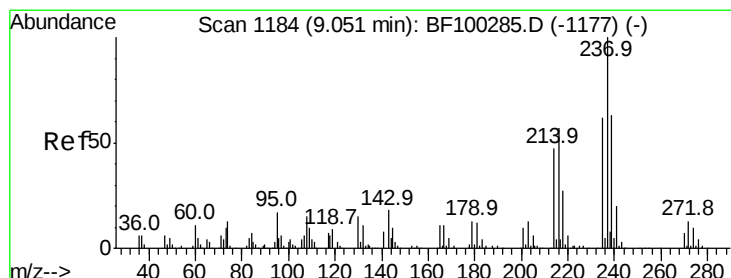
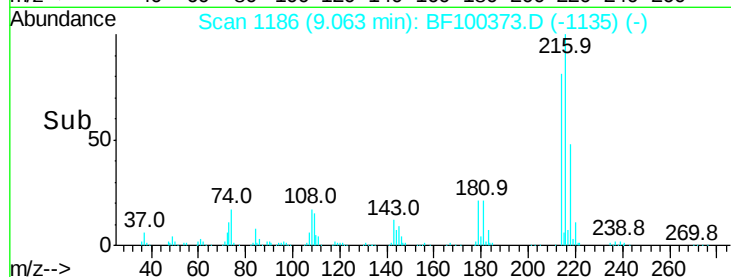
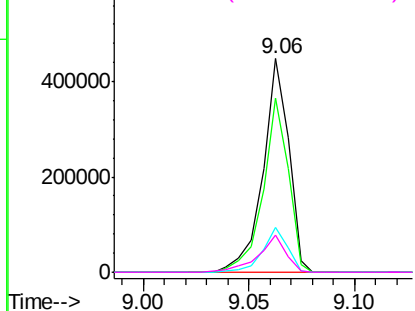
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.393 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	380898
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.5	18.1	27.1
108	18.8	17.2	25.8

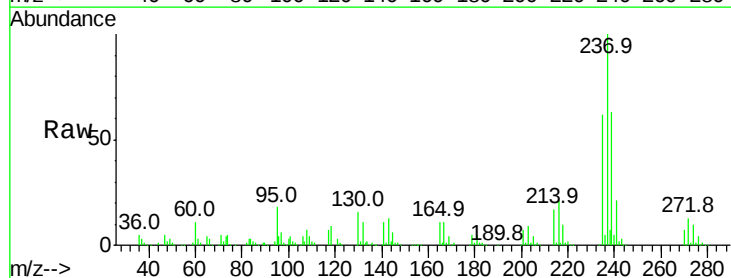


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

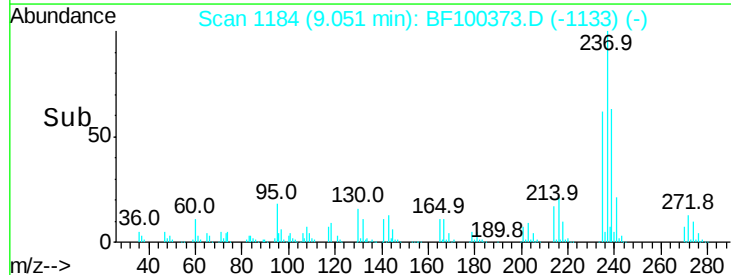
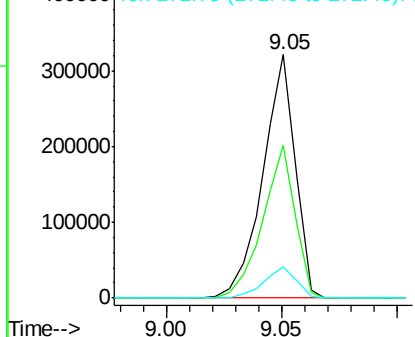


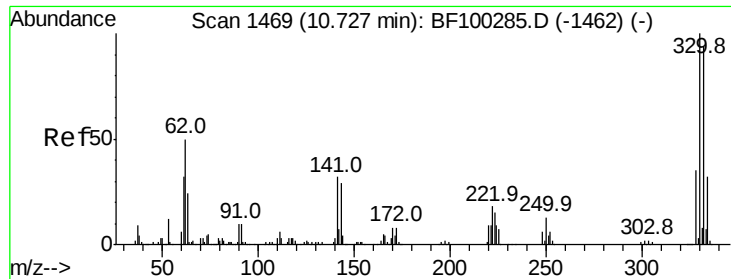
#40
 Hexachlorocyclopentadiene
 Concen: 68.686 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion:	237	Resp:	312579
Ion Ratio		Lower	Upper
237	100		
235	62.5	44.8	84.8
272	13.0	0.0	33.3



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

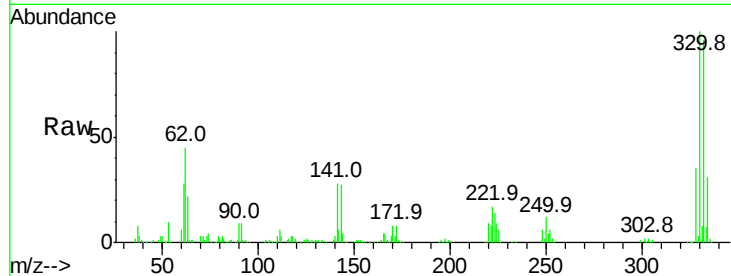




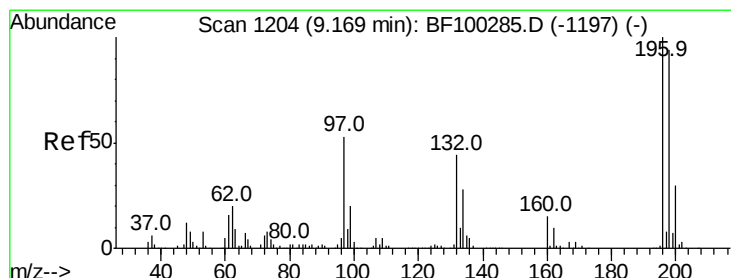
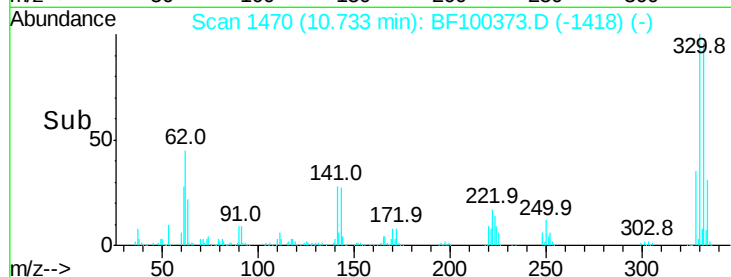
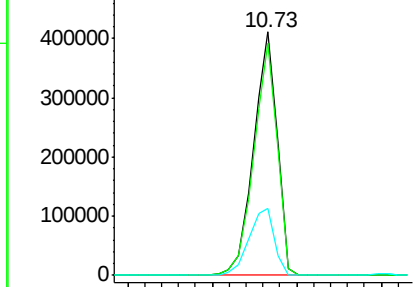
#41
 2,4,6-Tribromophenol
 Concen: 134.971 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.6	29.9	44.9#

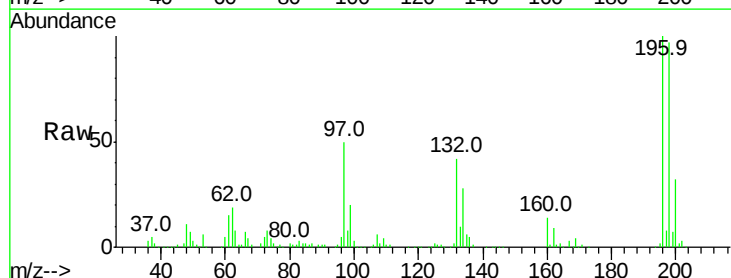


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

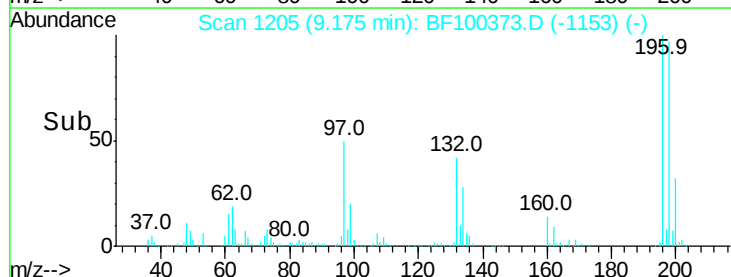
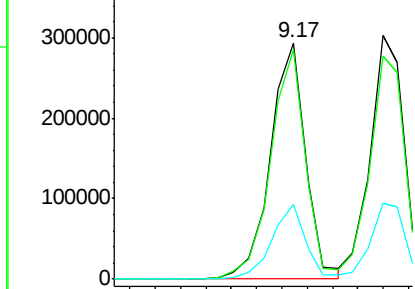


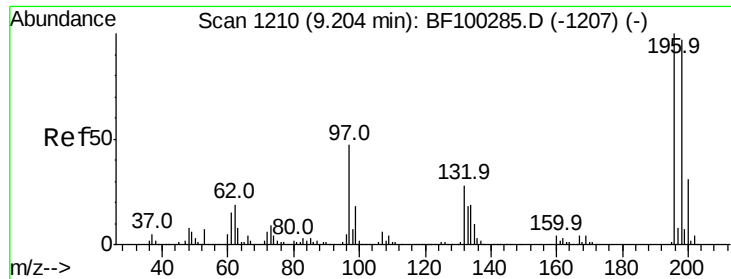
#42
 2,4,6-Trichlorophenol
 Concen: 46.156 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	31.8	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

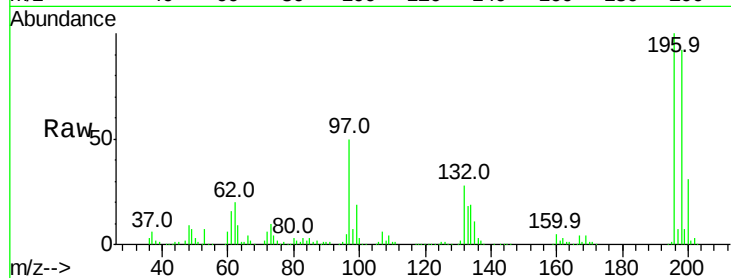




#43
 2,4,5-Trichlorophenol
 Concen: 44.276 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.9	74.6	112.0
97	50.3	42.9	64.3
132	28.1	26.3	39.5



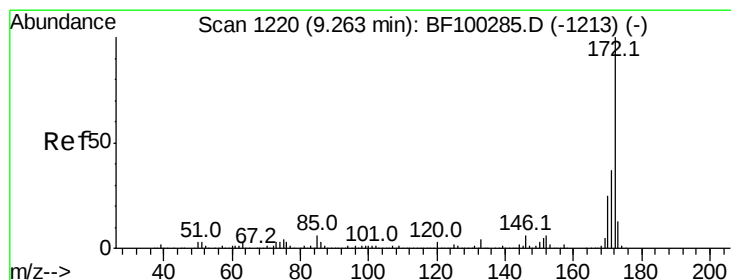
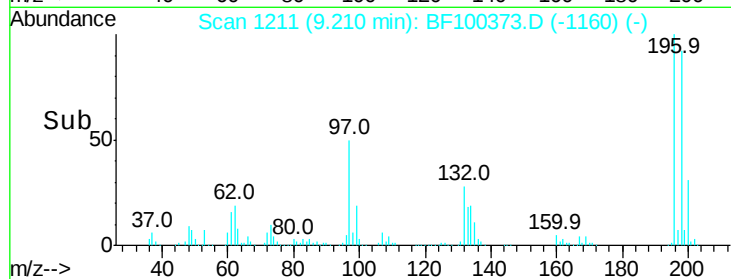
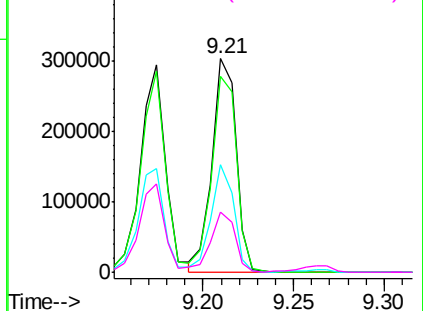
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

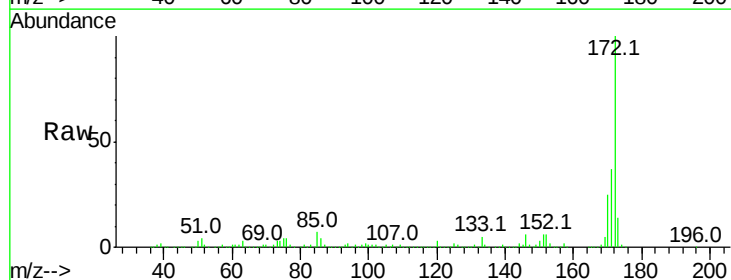
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 126.066 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.8	19.6	29.4

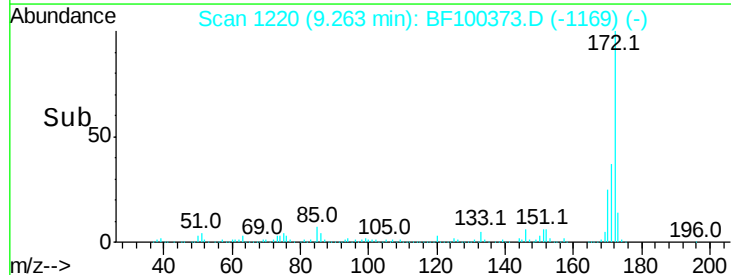
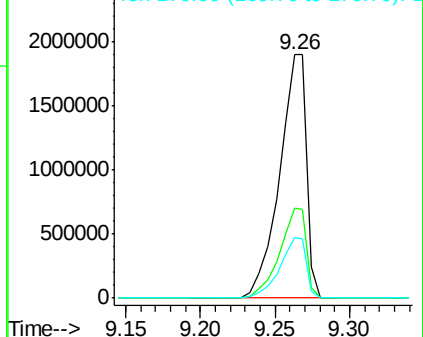


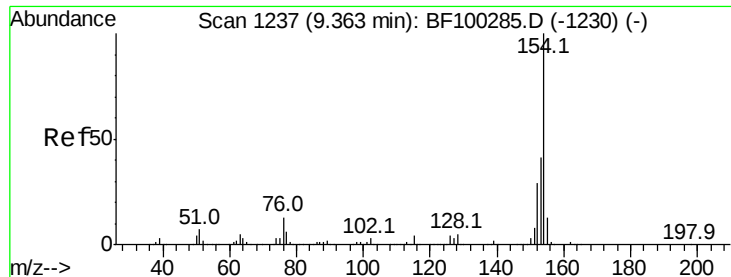
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.500 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

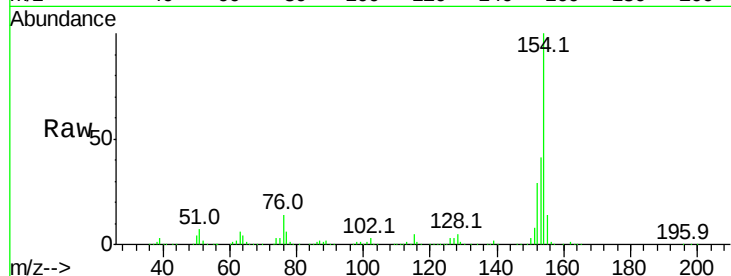
Tot Ion:154 Resp: 996032

Ion Ratio Lower Upper

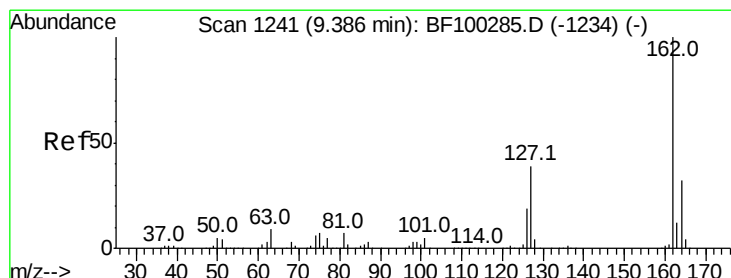
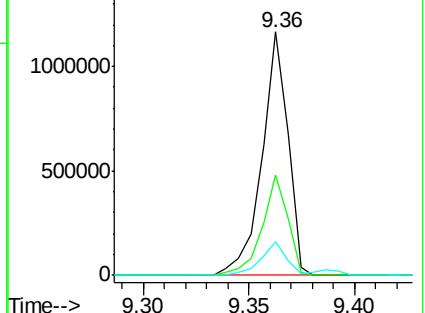
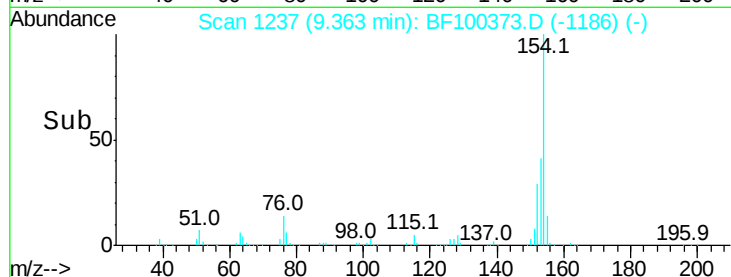
154 100

153 41.0 21.3 61.3

76 13.9 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: 42.243 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

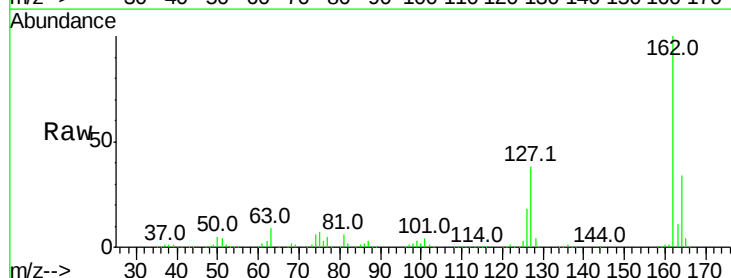
Tgt Ion:162 Resp: 772765

Ion Ratio Lower Upper

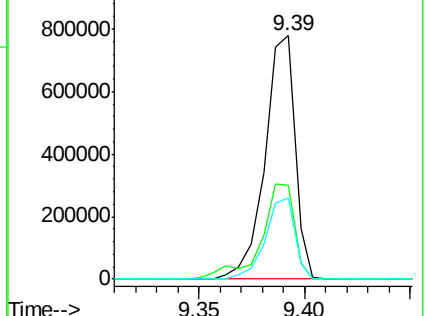
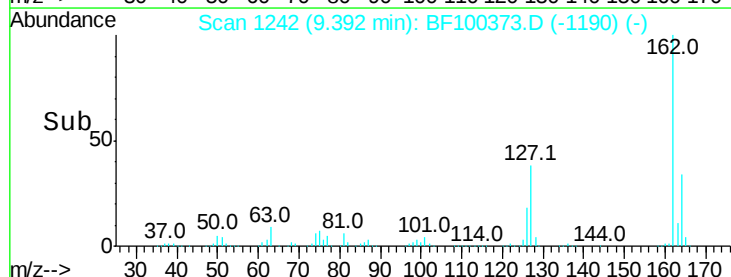
162 100

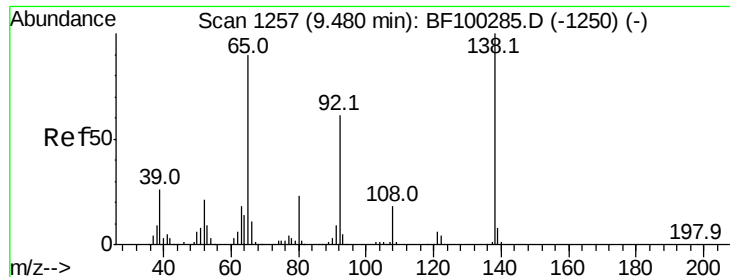
127 38.4 33.9 50.9

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: 47.295 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

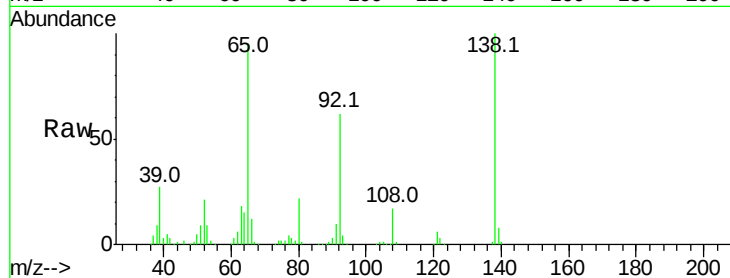
Tot Ion: 65 Resp: 255410

Ion Ratio Lower Upper

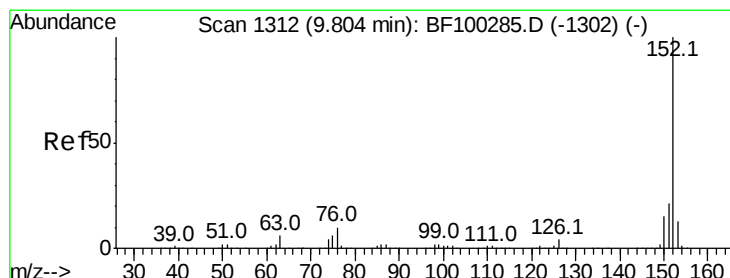
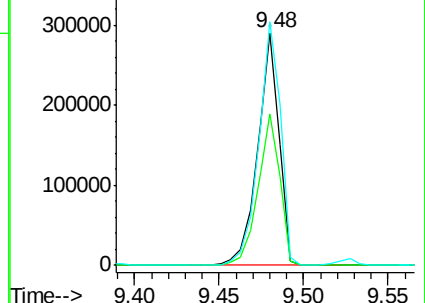
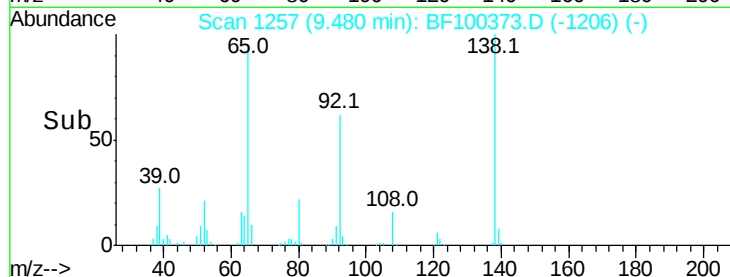
65 100

92 65.1 55.8 83.6

138 104.8 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 39.660 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

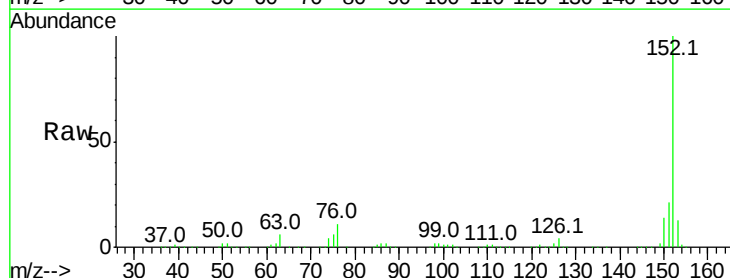
Tgt Ion: 152 Resp: 1202340

Ion Ratio Lower Upper

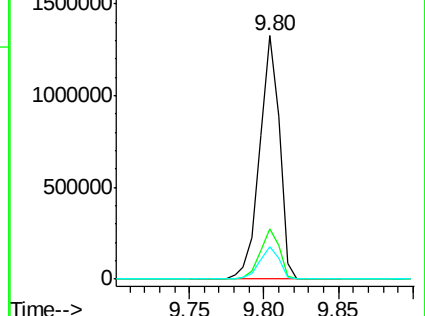
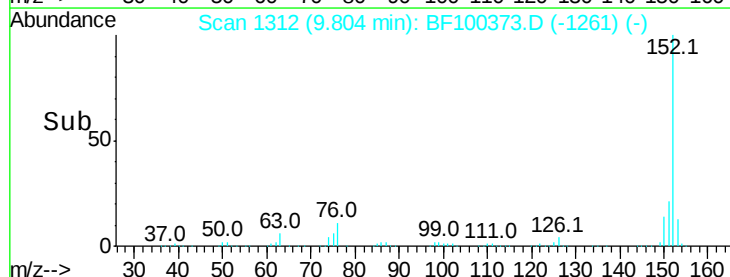
152 100

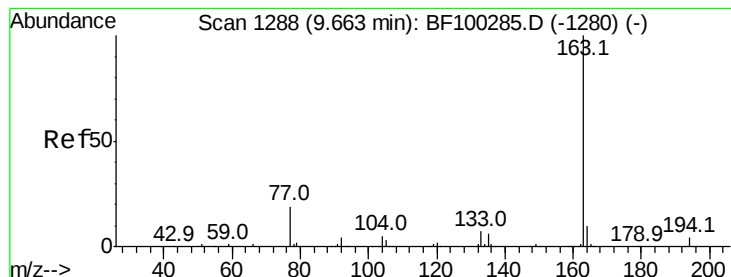
151 20.5 16.3 24.5

153 13.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 41.515 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

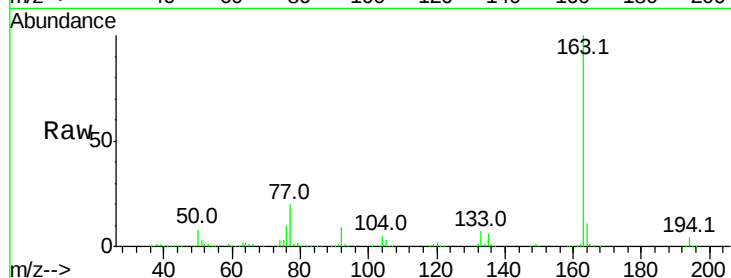
Tot Ion:163 Resp: 924132

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

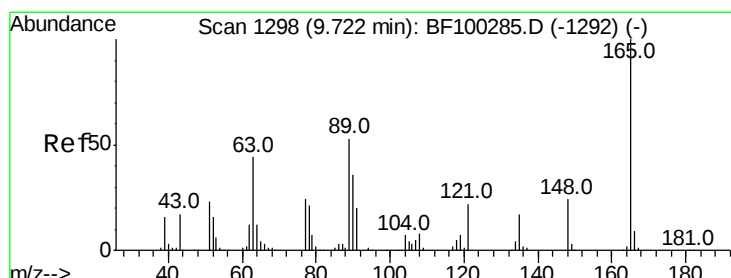
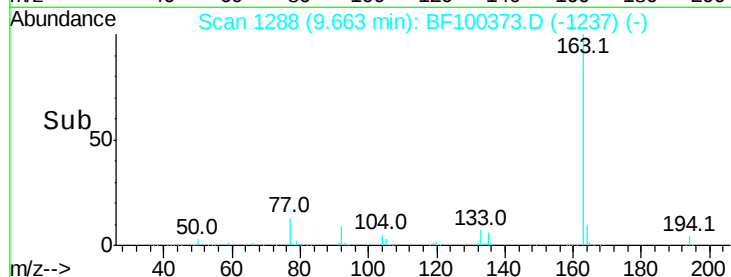
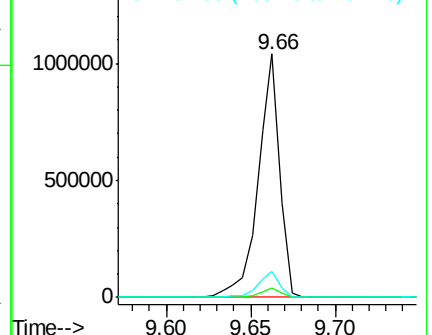
164 10.6 8.2 12.2



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: 47.082 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

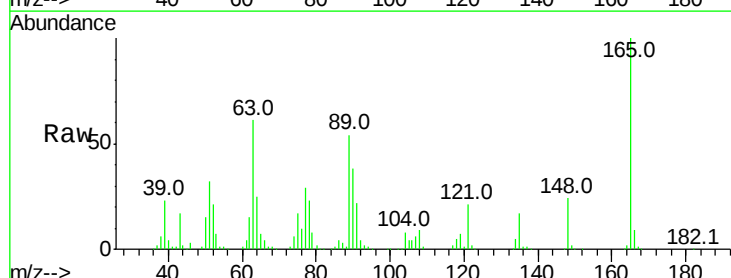
Tgt Ion:165 Resp: 207458

Ion Ratio Lower Upper

165 100

63 60.5 44.7 67.1

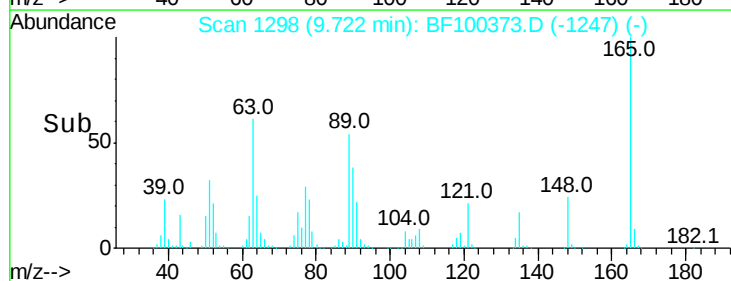
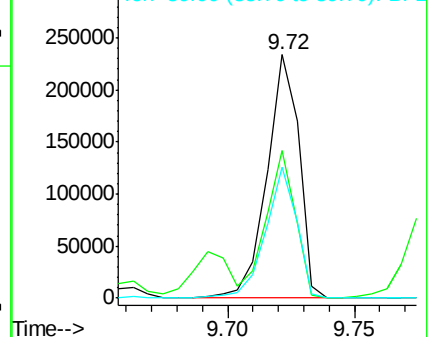
89 53.8 44.0 66.0

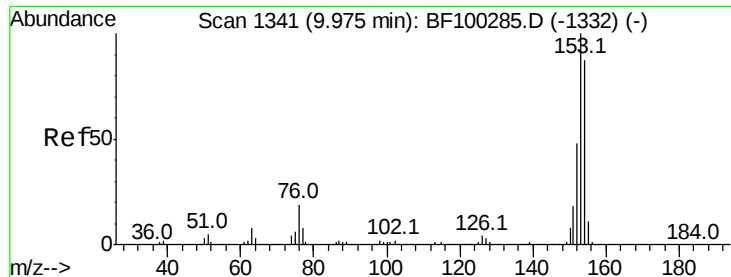


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.845 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

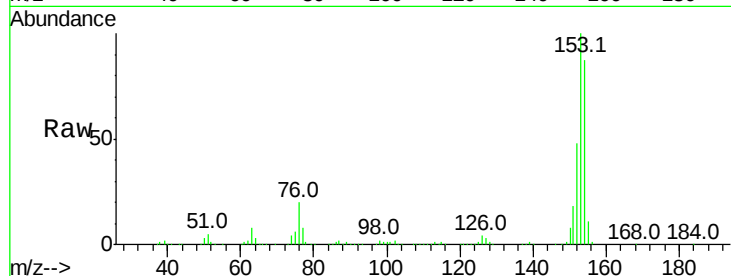
Tot Ion:154 Resp: 771532

Ion Ratio Lower Upper

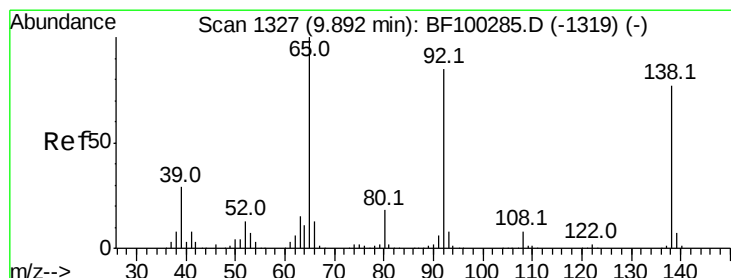
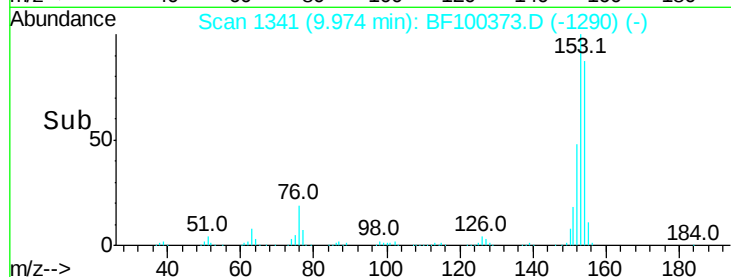
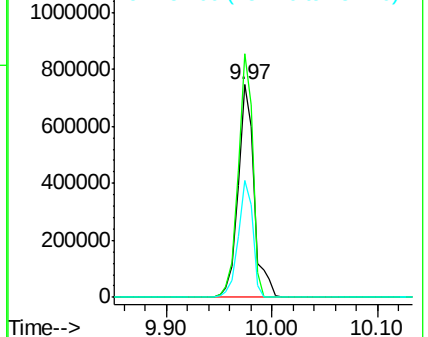
154 100

153 114.5 91.2 136.8

152 54.7 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: 16.108 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

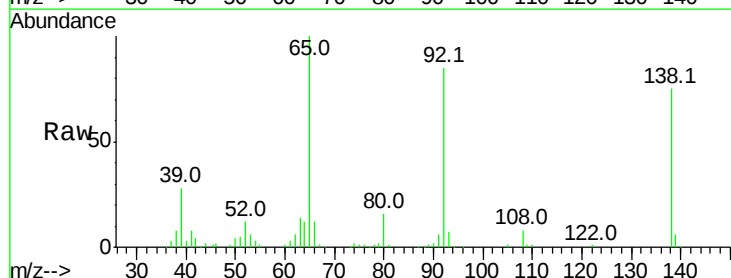
Tgt Ion:138 Resp: 83813

Ion Ratio Lower Upper

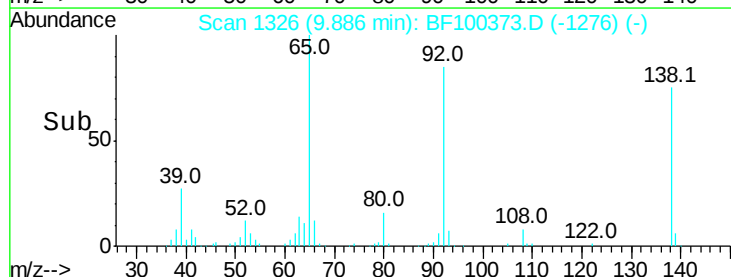
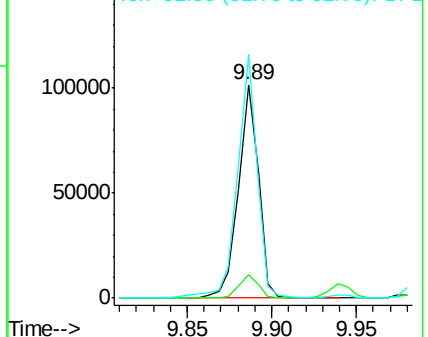
138 100

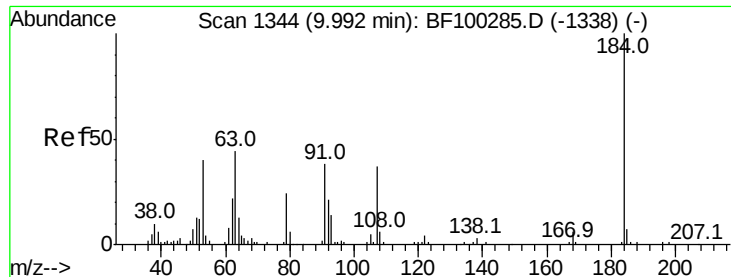
108 11.0 9.4 14.0

92 114.1 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

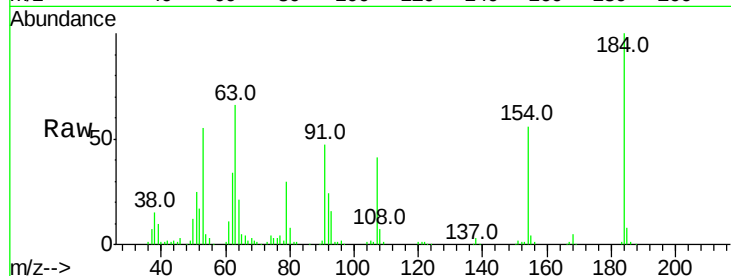




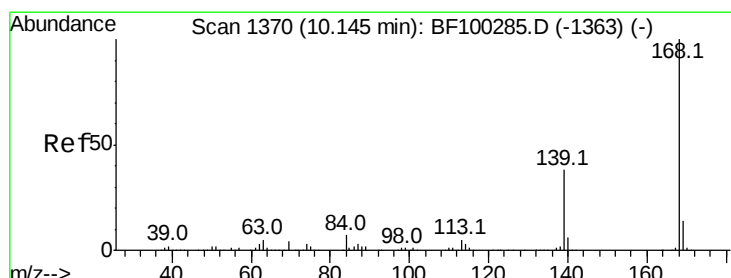
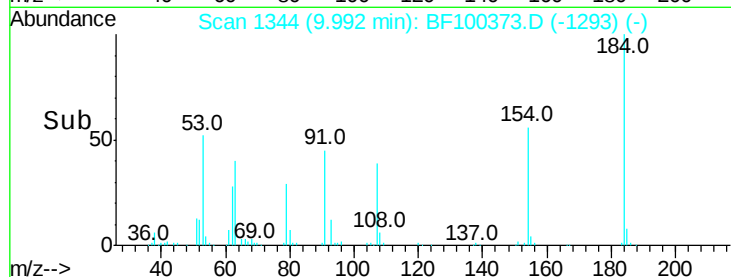
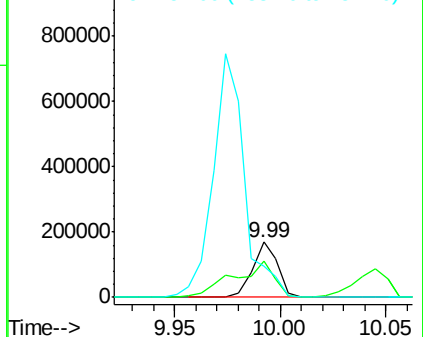
#53
2,4-Dinitrophenol
Concen: 74.862 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 139852
Ion Ratio Lower Upper
184 100
63 66.2 54.2 81.2
154 56.3 184.0 276.0#

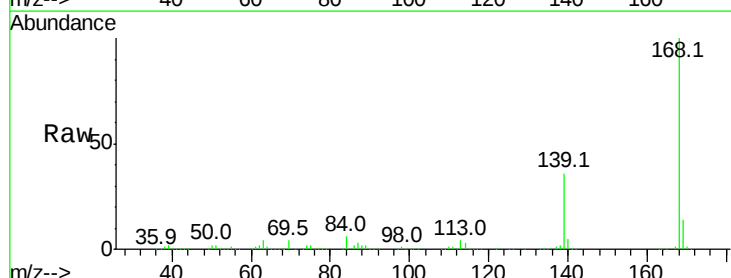


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

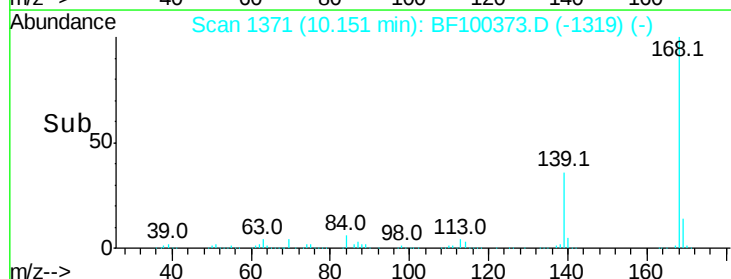
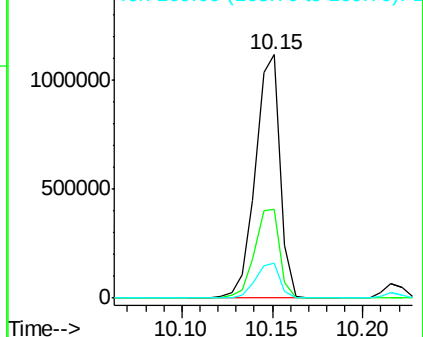


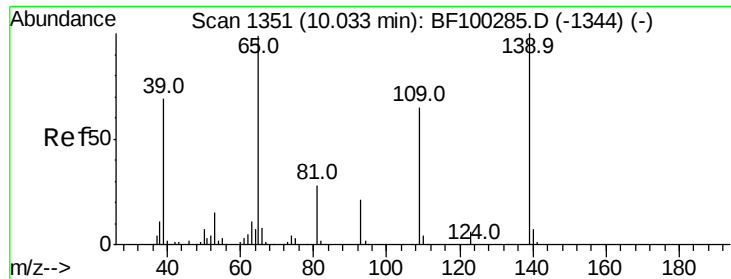
#54
Dibenzofuran
Concen: 40.824 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:168 Resp: 1054968
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 14.3 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

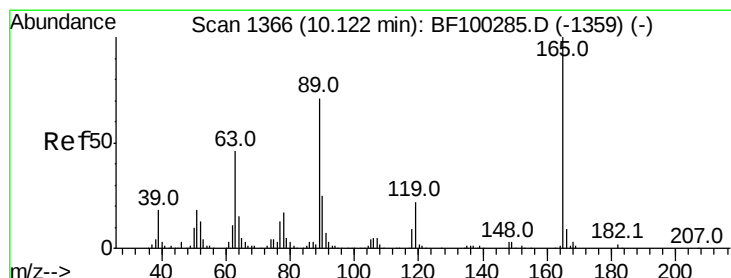
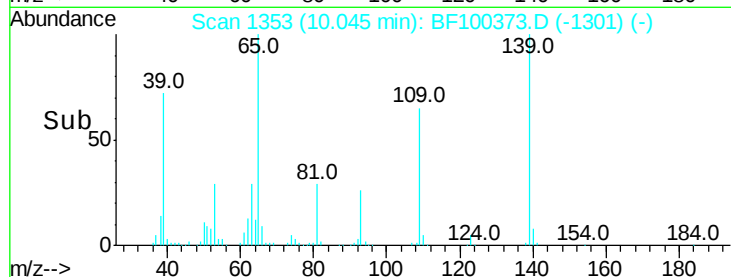
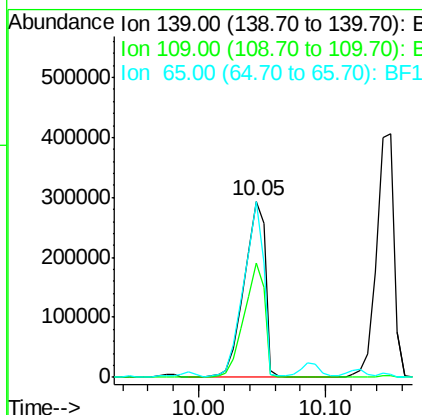
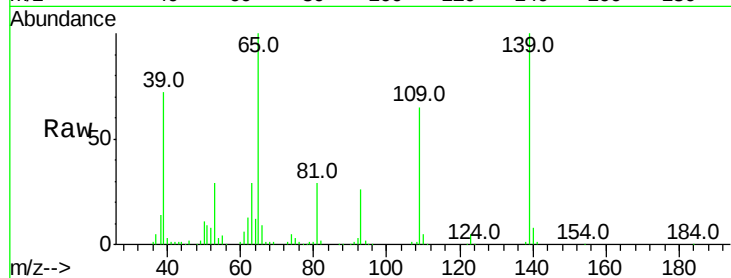




#55
4-Nitrophenol
Concen: 80.407 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

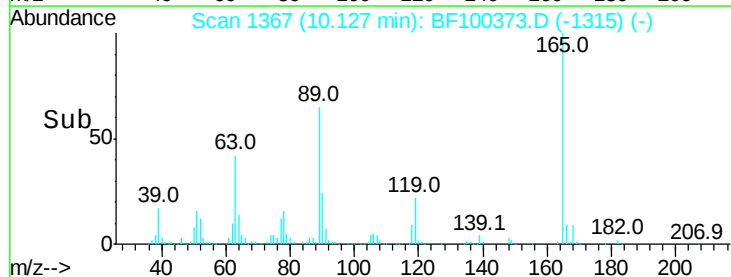
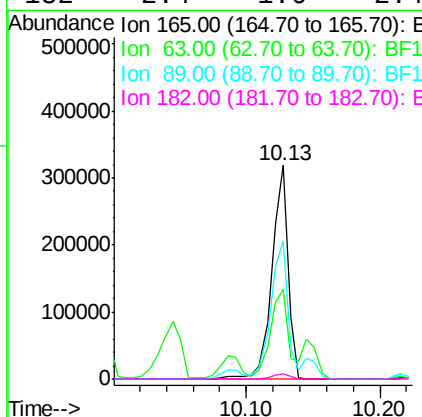
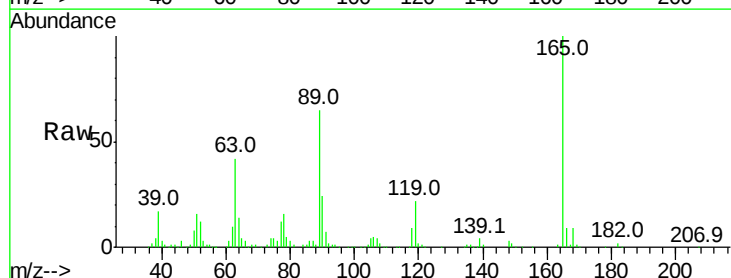
Instrument :
BNA_F
ClientSampleId :

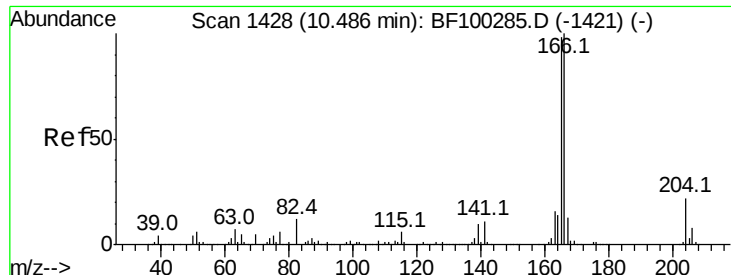
Tot Ion:139 Resp: 339710
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 99.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.685 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:165 Resp: 270626
Ion Ratio Lower Upper
165 100
63 42.2 36.4 54.6
89 64.8 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 40.629 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

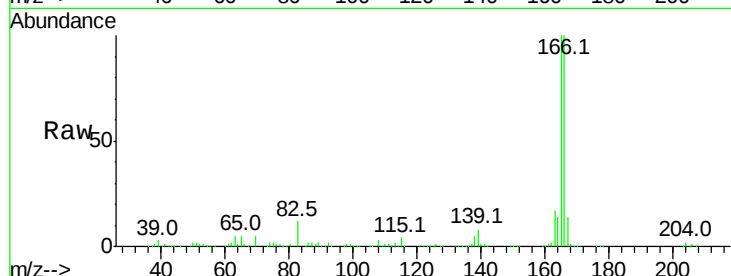
Tot Ion:166 Resp: 769135

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

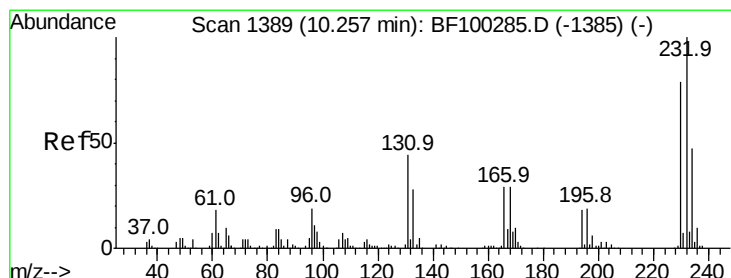
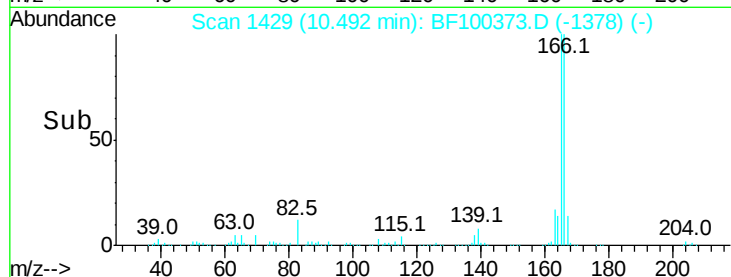
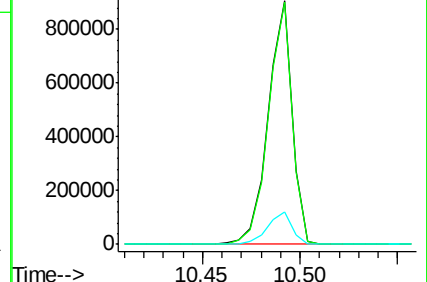
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.468 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Tgt Ion:232 Resp: 231399

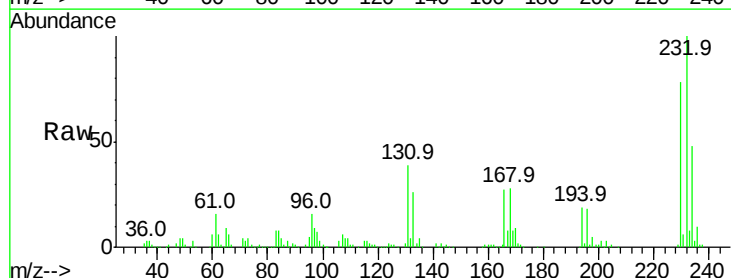
Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.1 2.1 3.1

166 29.1 27.8 41.6

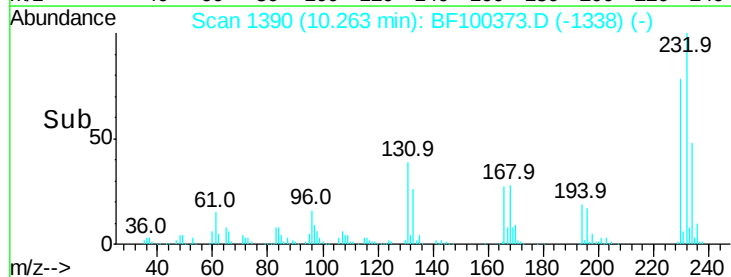
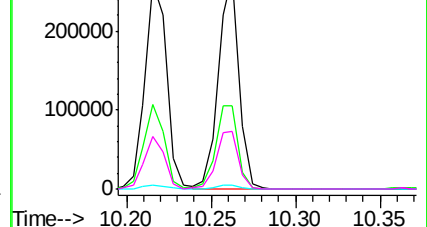


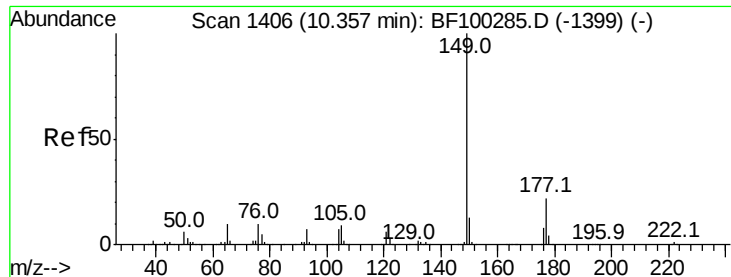
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

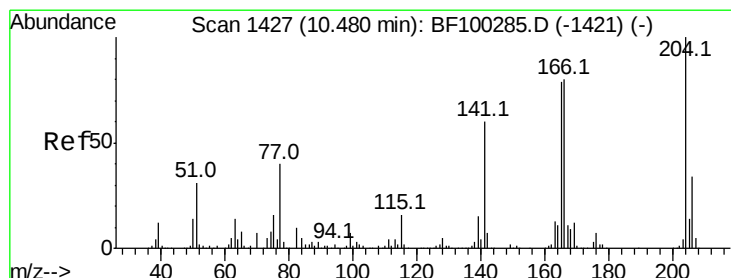
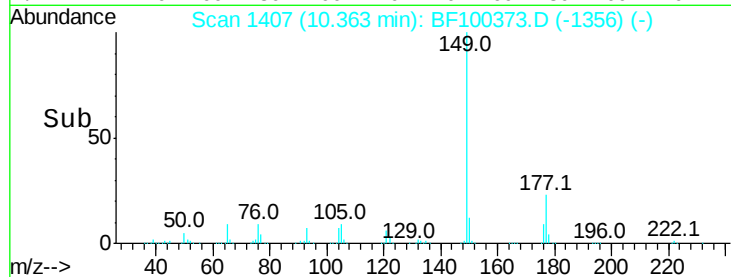
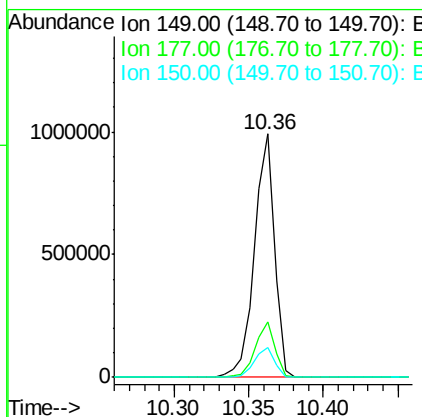
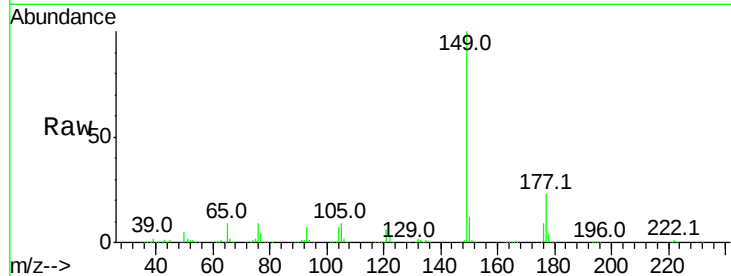




#59
Diethylphthalate
Concen: 41.049 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

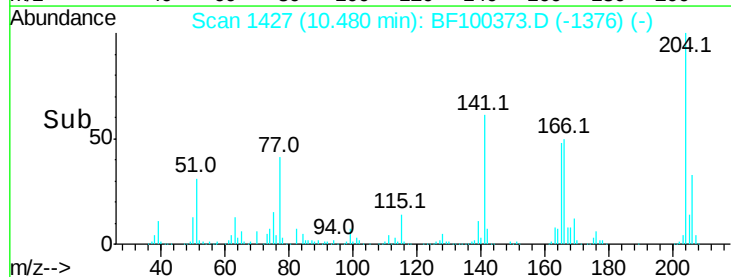
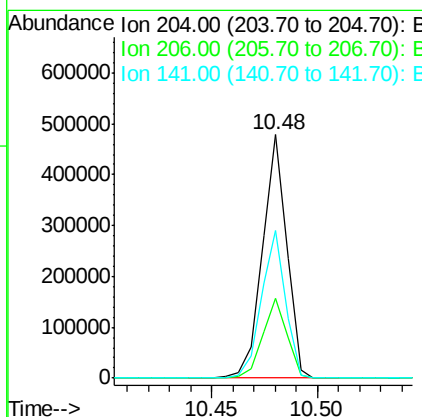
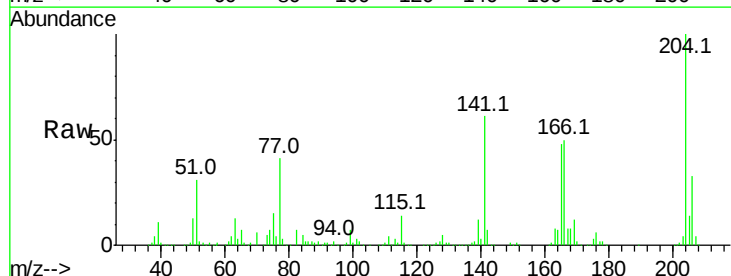
Instrument :
BNA_F
ClientSampled :

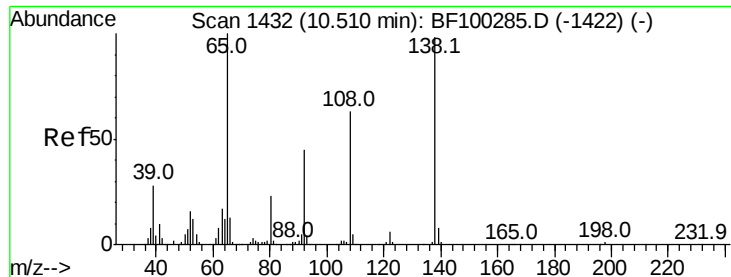
Tot Ion:149 Resp: 914425
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.213 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:204 Resp: 382733
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.9 54.6 81.8

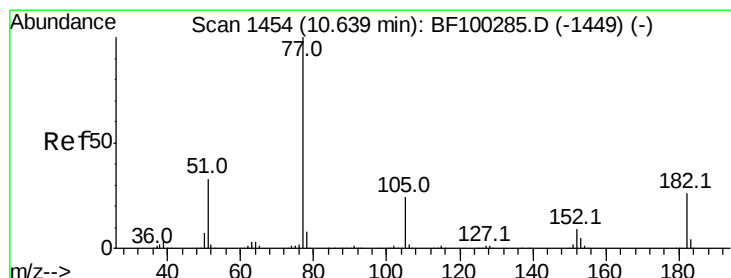
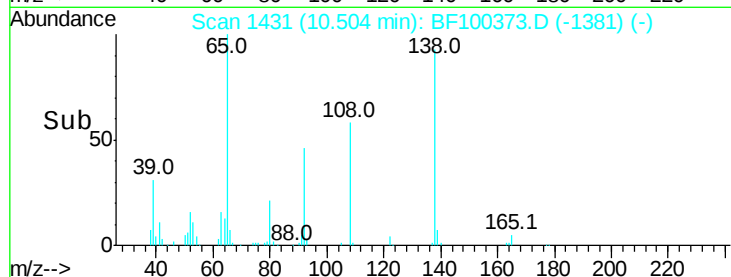
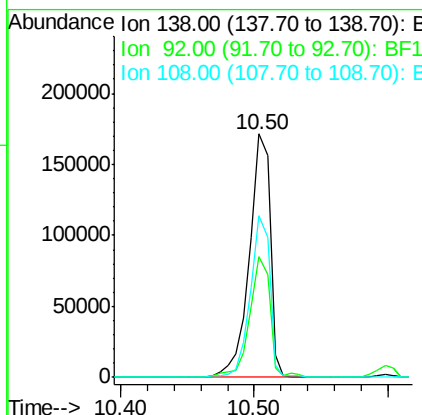
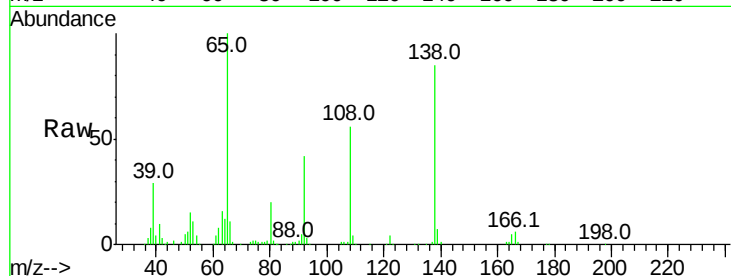




#61
4-Nitroaniline
Concen: 36.965 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

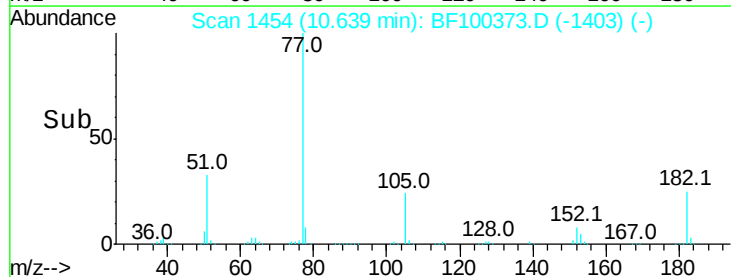
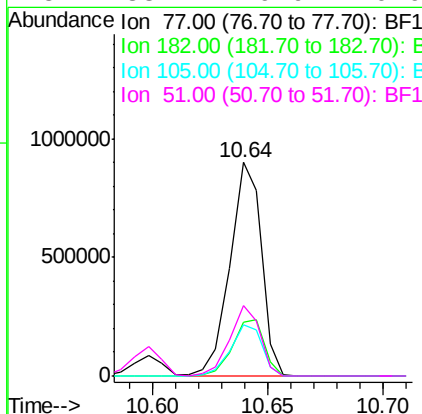
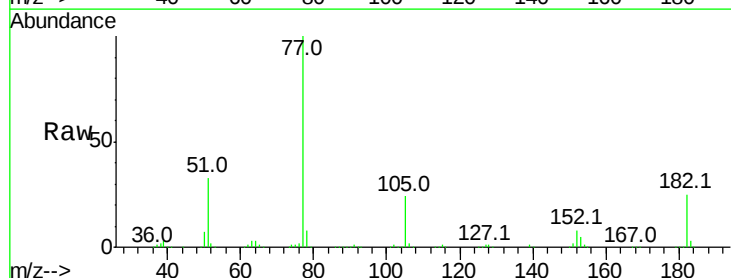
Instrument :
BNA_F
ClientSampleId :

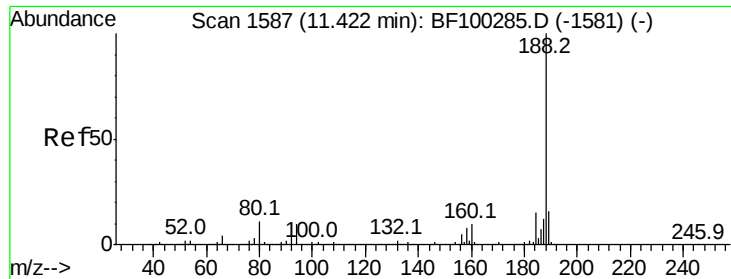
Tot Ion:138 Resp: 182374
Ion Ratio Lower Upper
138 100
92 49.4 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 40.774 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion: 77 Resp: 855465
Ion Ratio Lower Upper
77 100
182 25.1 1.7 41.7
105 23.8 3.0 43.0
51 33.1 9.9 49.9

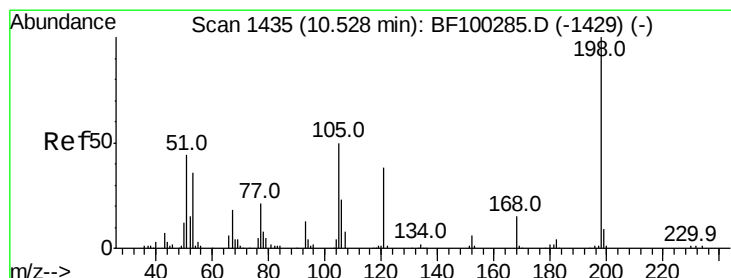
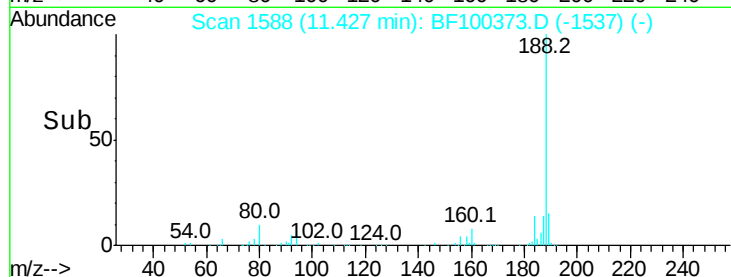
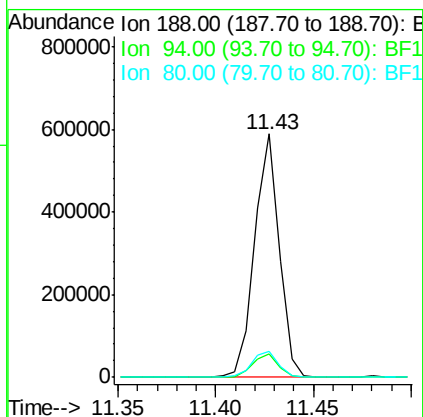
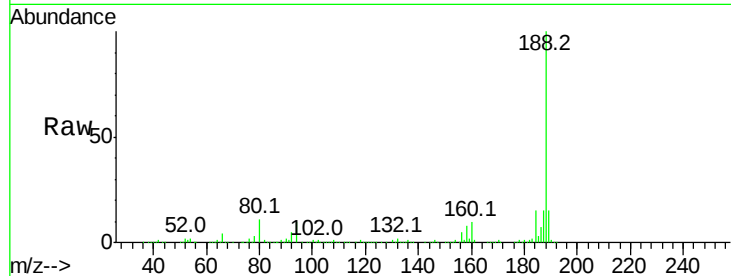




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

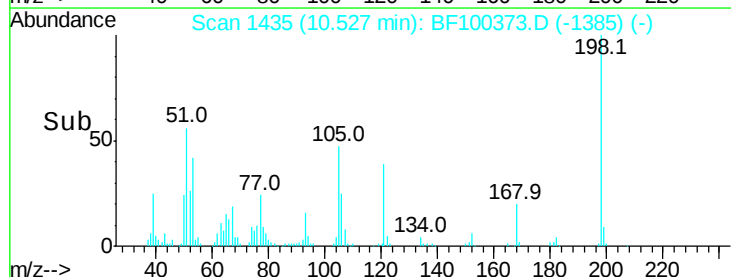
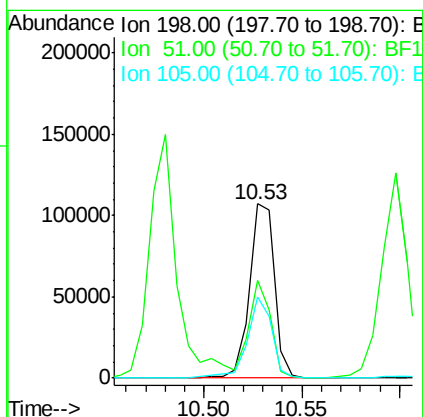
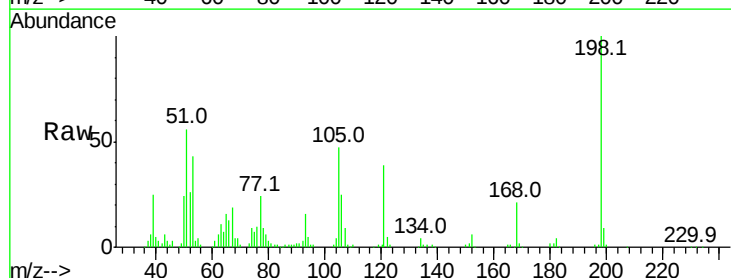
Instrument :
BNA_F
ClientSampleId :

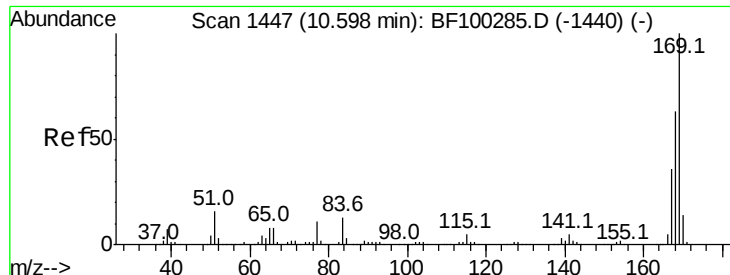
Tot Ion:188 Resp: 513612
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.698 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:198 Resp: 95111
Ion Ratio Lower Upper
198 100
51 55.8 37.7 77.7
105 46.8 36.3 76.3

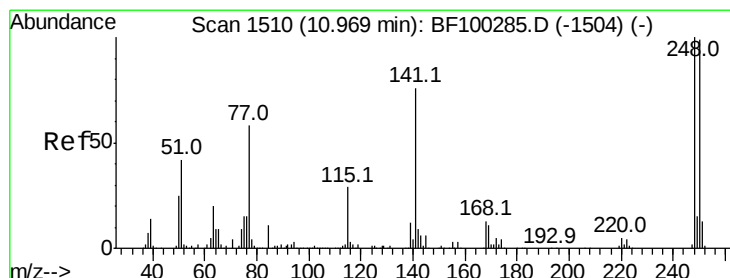
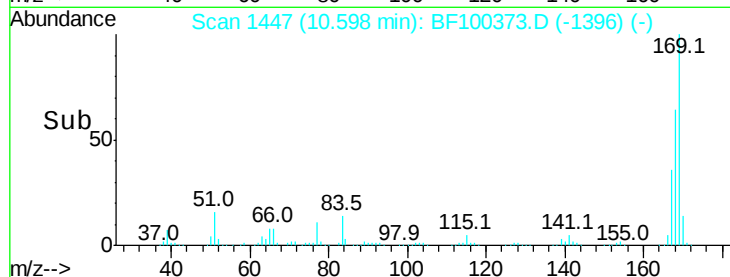
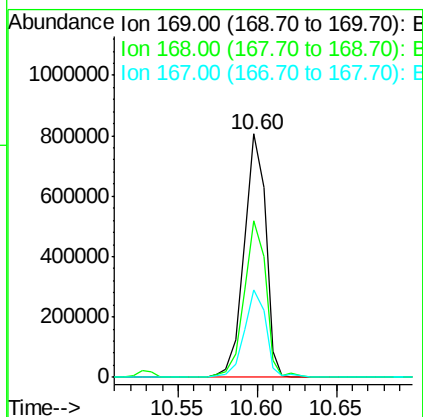
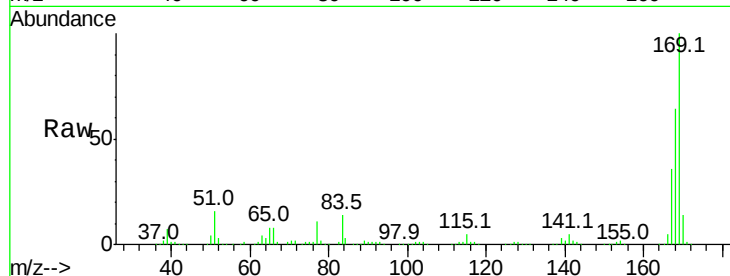




#65
 n-Nitrosodiphenylamine
 Concen: 42.443 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

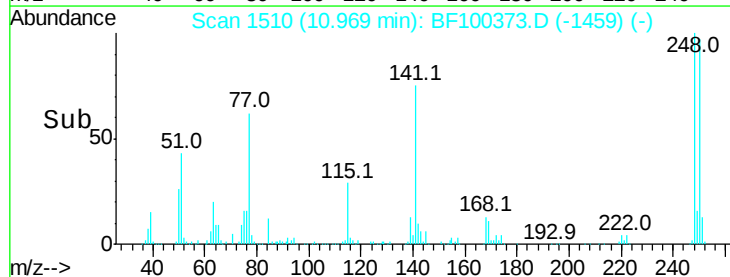
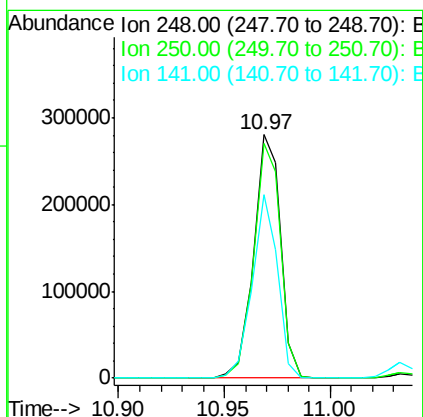
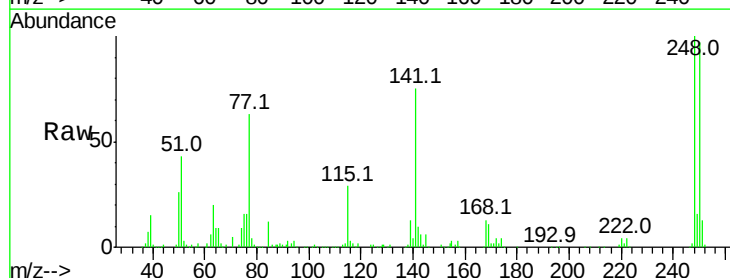
Instrument :
 BNA_F
 ClientSampleId :

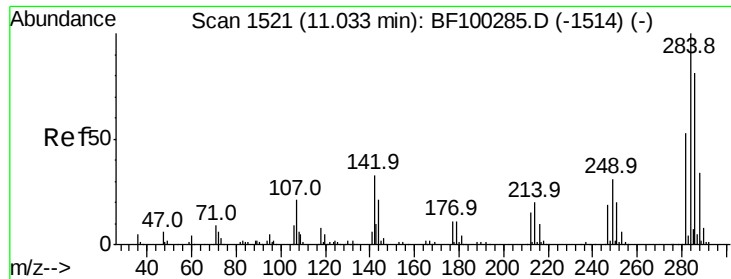
Tot Ion:169 Resp: 757973
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 36.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.179 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion:248 Resp: 248750
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 75.3 74.4 111.6

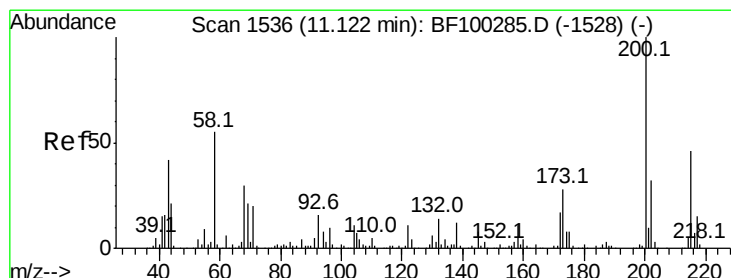
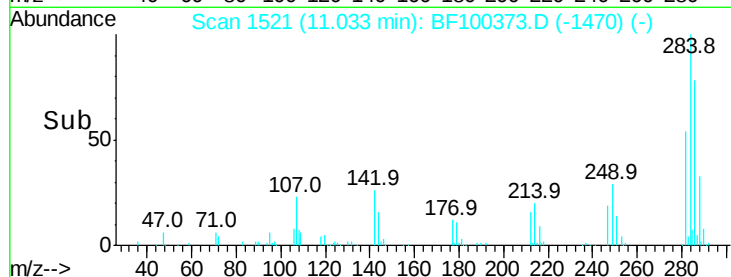
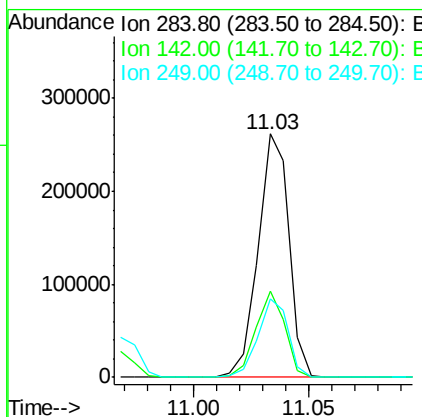
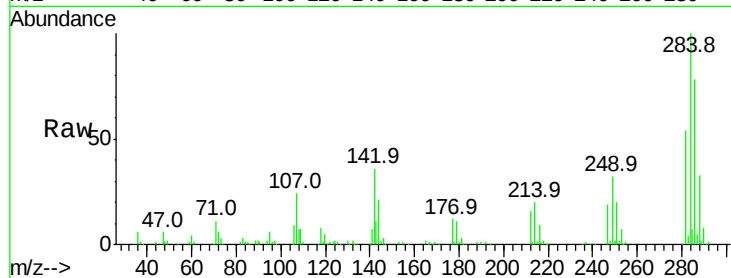




#67
Hexachlorobenzene
Concen: 42.299 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

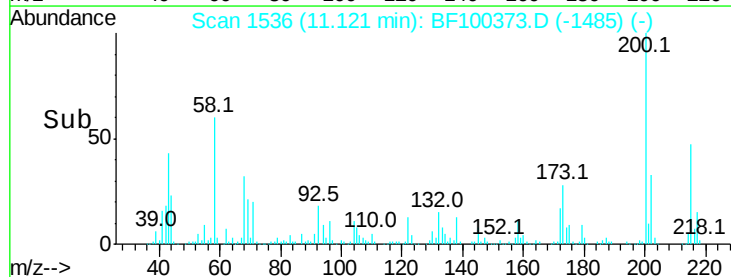
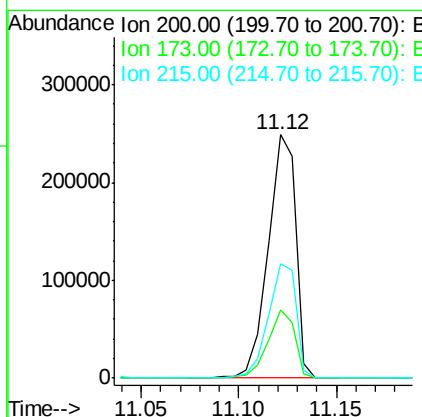
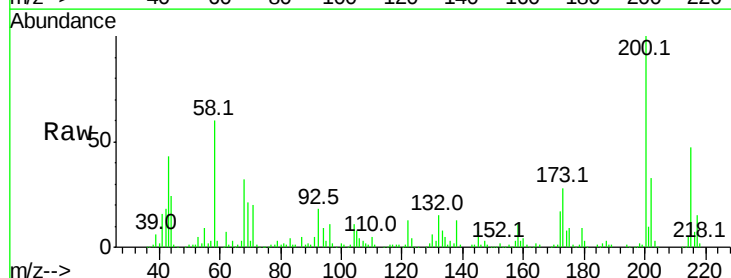
Instrument :
BNA_F
ClientSampleId :

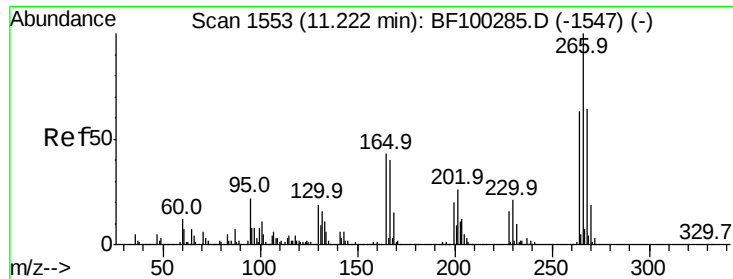
Tot Ion:284 Resp: 243576
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 32.4 24.8 37.2



#68
Atrazine
Concen: 44.928 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:200 Resp: 242877
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.7 25.1 65.1

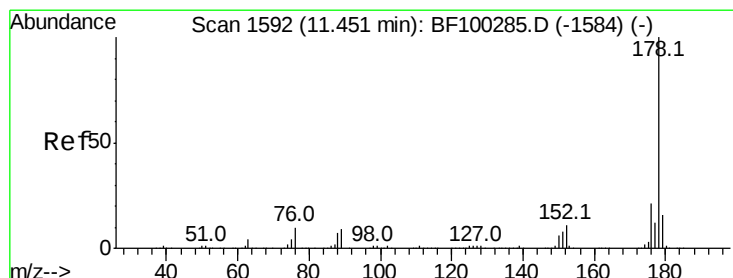
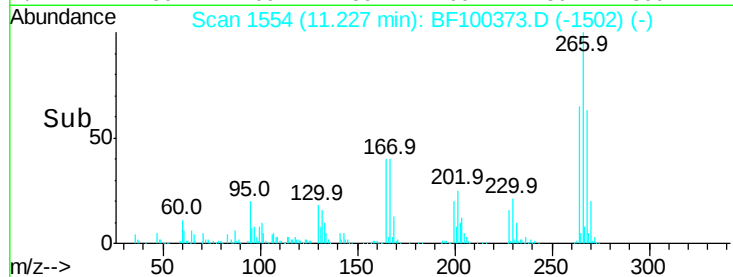
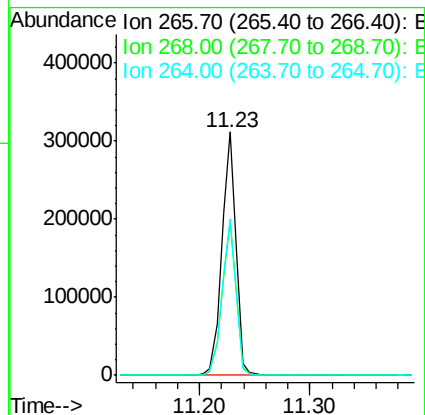
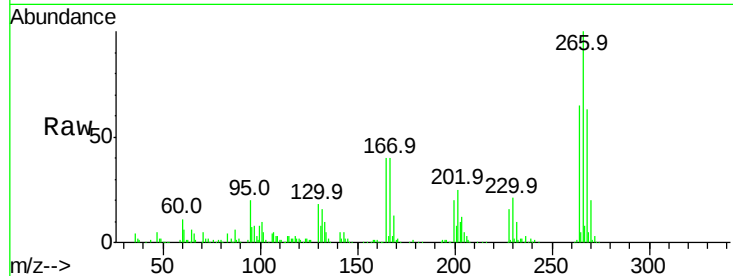




#69
 Pentachlorophenol
 Concen: 67.023 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

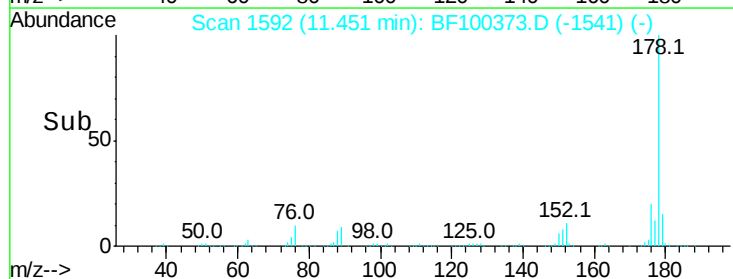
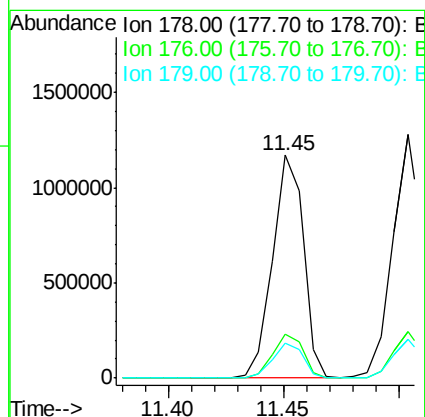
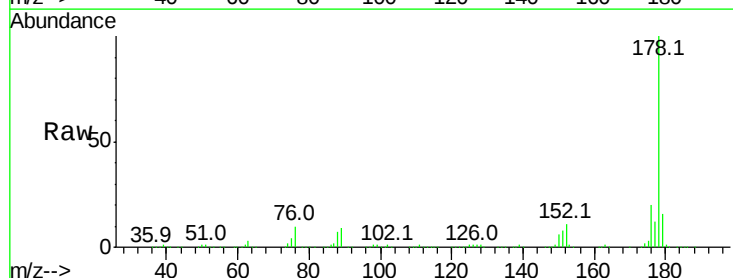
Instrument :
 BNA_F
 ClientSampleId :

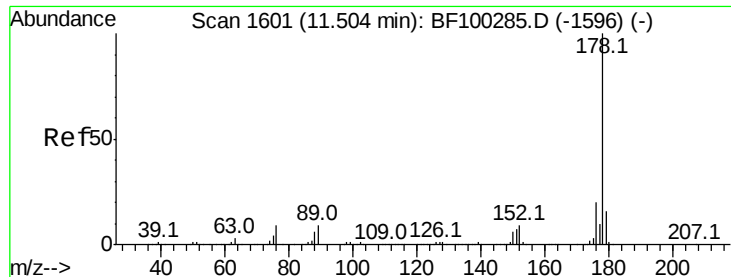
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	64.5	49.5	74.3



#70
 Phenanthrene
 Concen: 40.338 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

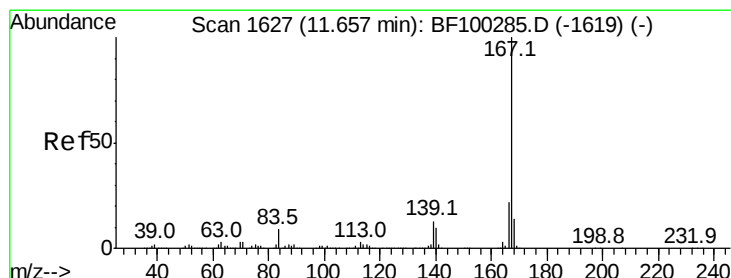
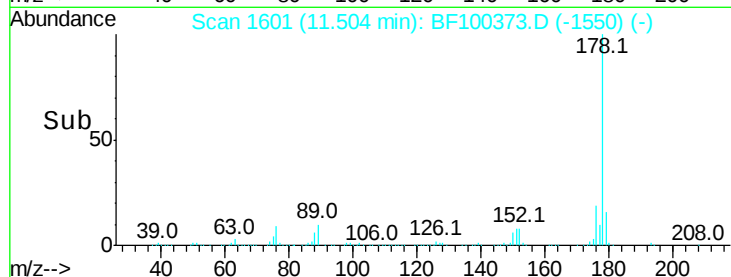
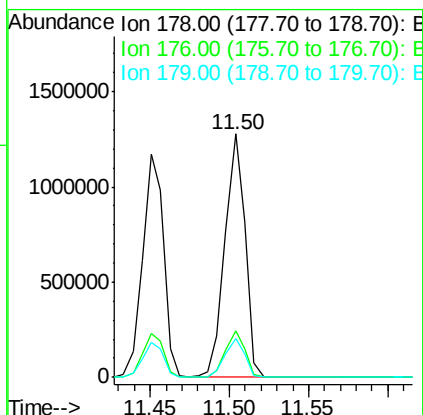
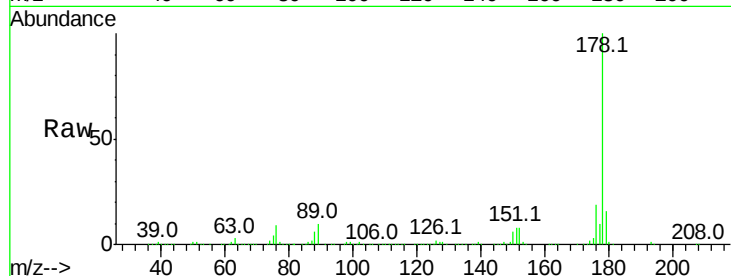




#71
 Anthracene
 Concen: 41.173 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

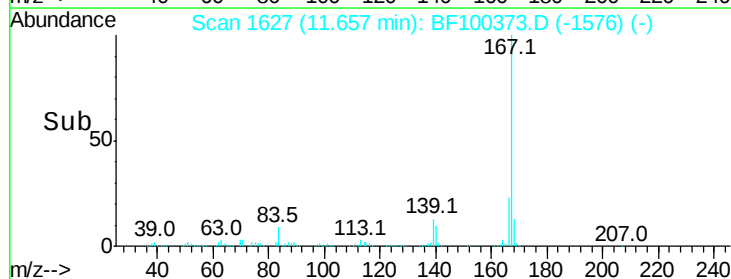
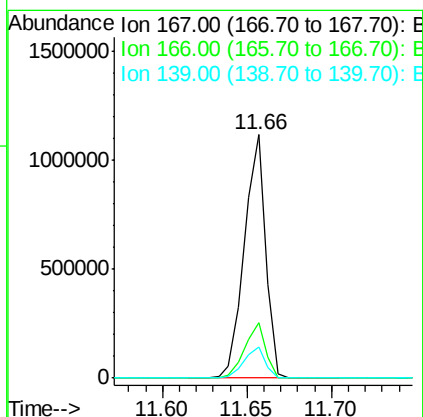
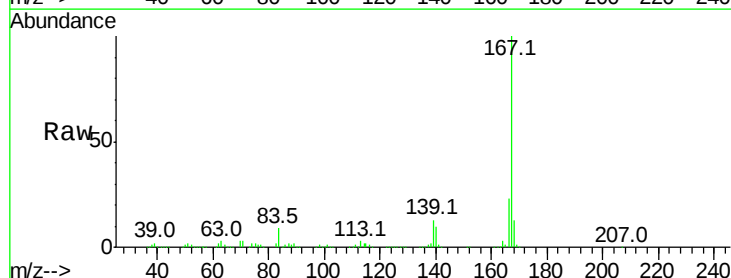
Instrument :
 BNA_F
 ClientSampleId :

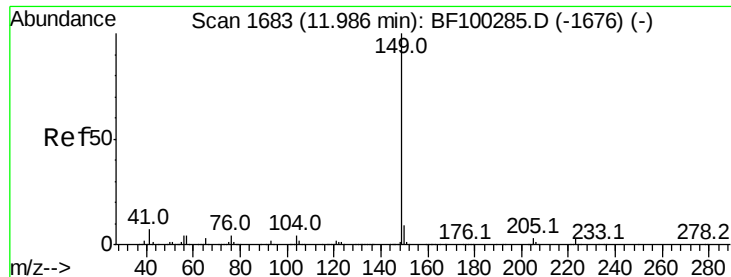
Tot Ion:178 Resp: 1129625
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.003 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion:167 Resp: 987378
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.710 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

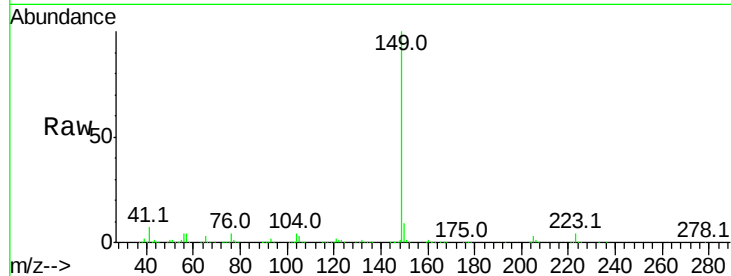
Tot Ion:149 Resp: 1324528

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

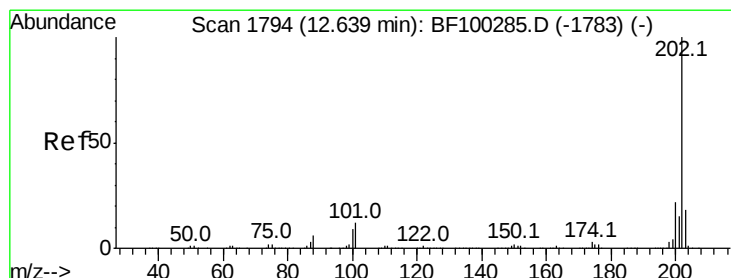
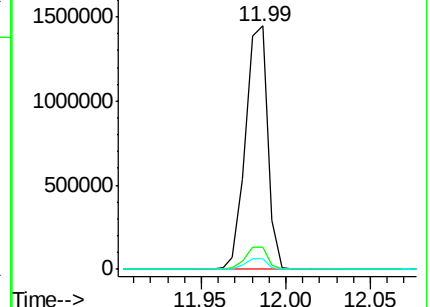
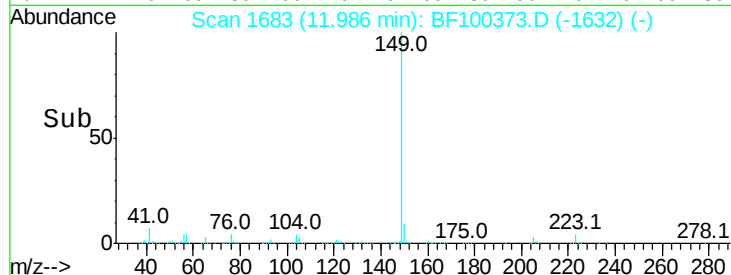
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.567 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

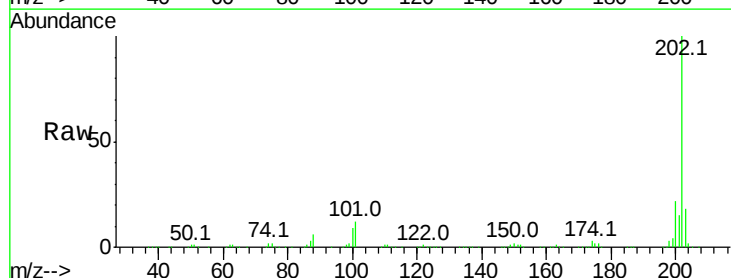
Tgt Ion:202 Resp: 990696

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

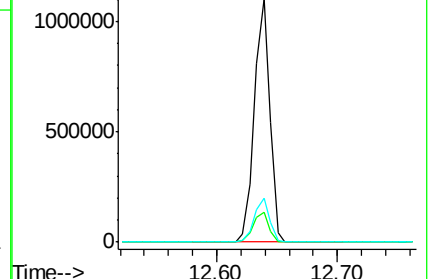
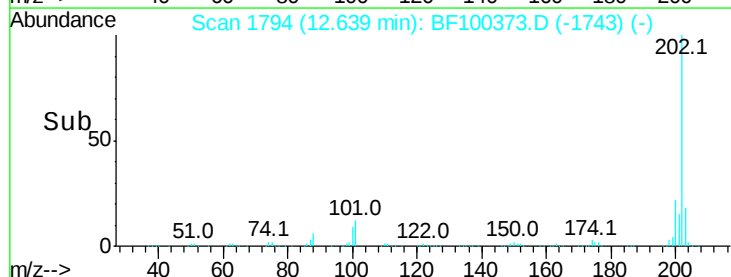
203 17.9 0.0 38.1

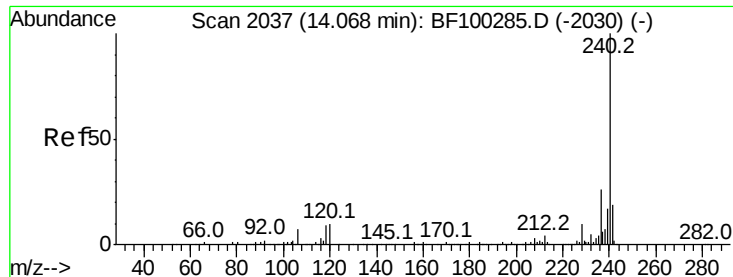


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

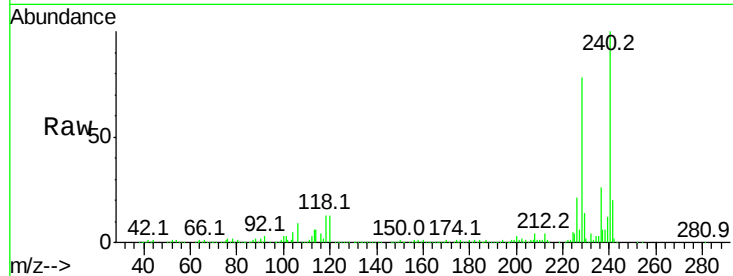
Tot Ion:240 Resp: 321164

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

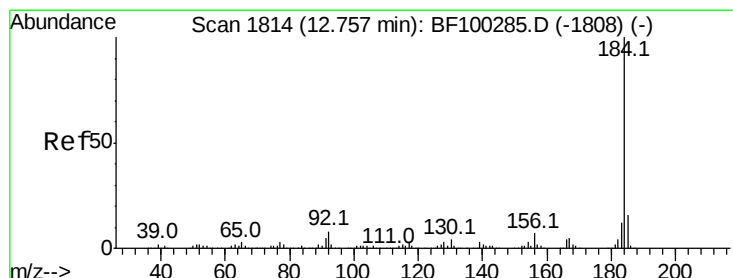
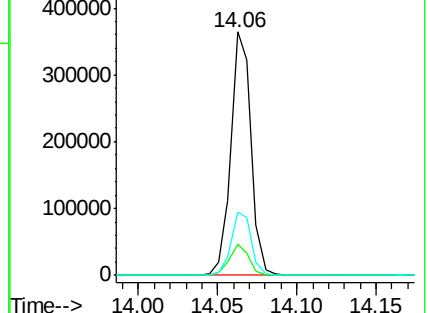
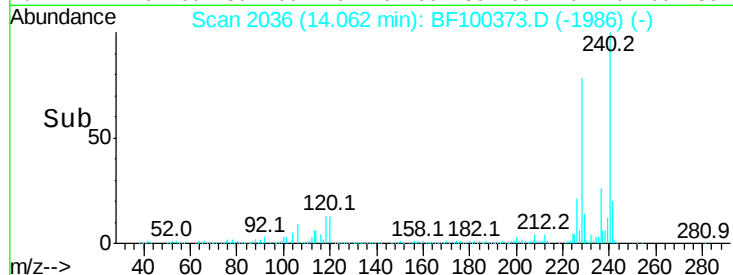
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.731 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

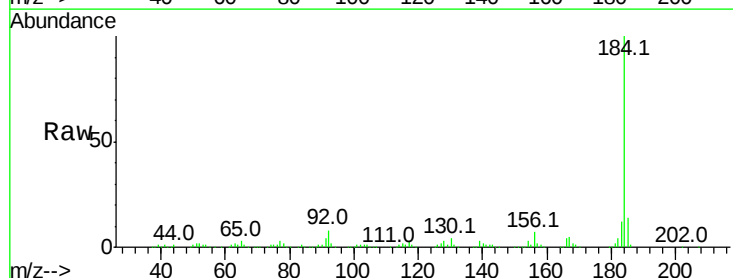
Tgt Ion:184 Resp: 395259

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

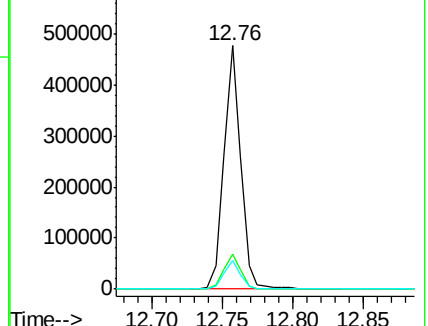
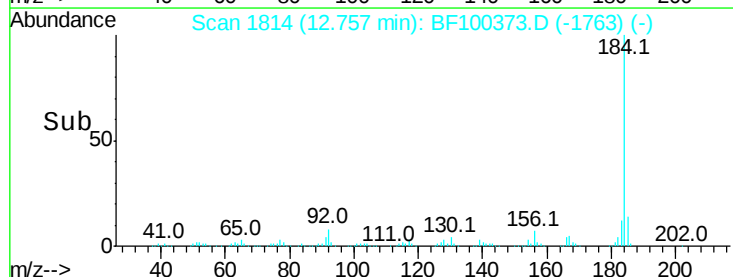
183 11.6 9.3 13.9

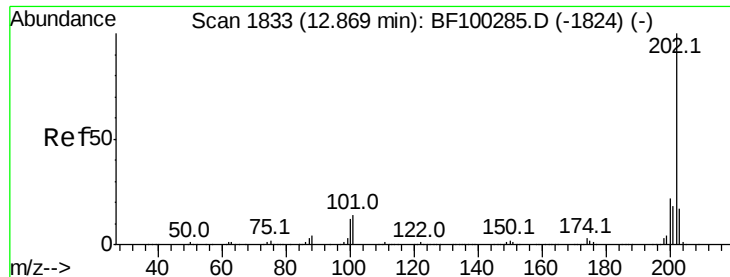


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

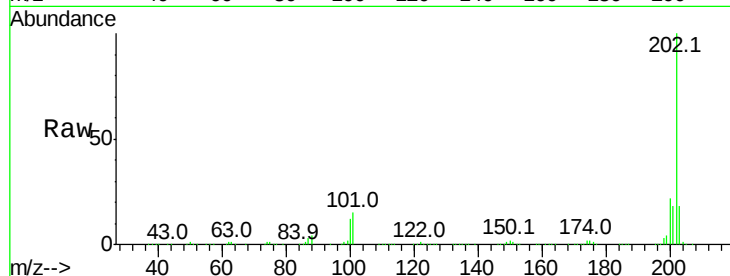




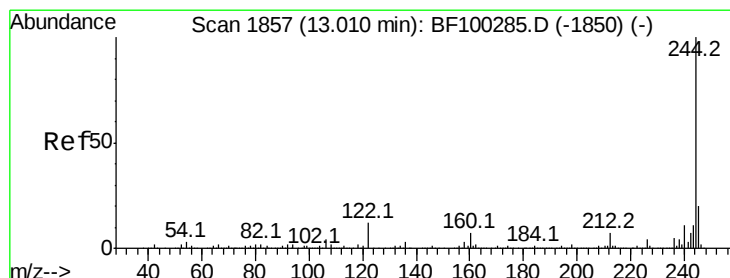
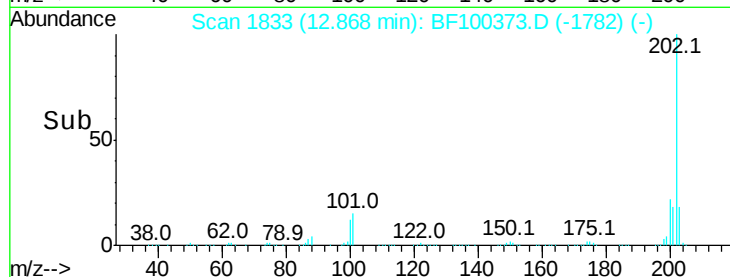
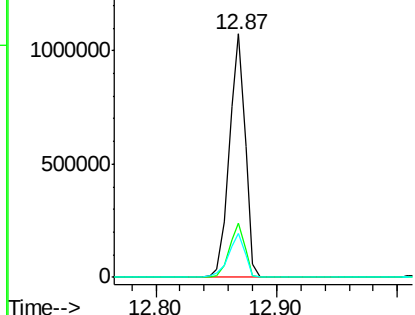
#77
Pvrene
Concen: 42.598 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 975234
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.3 21.5

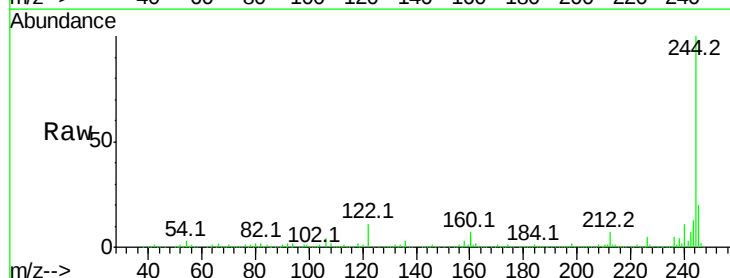


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

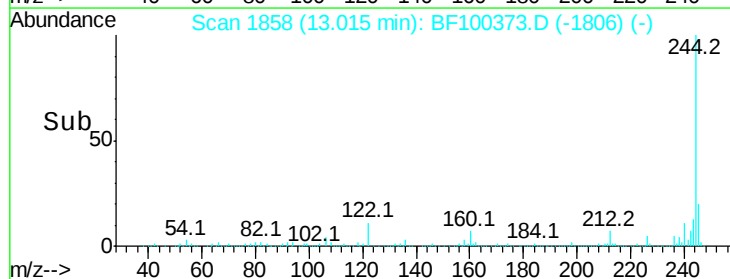
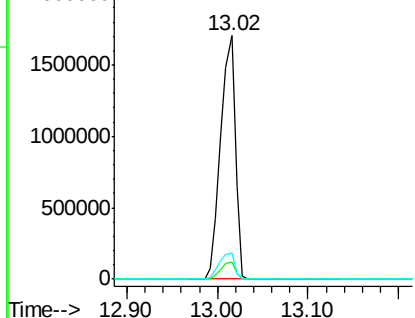


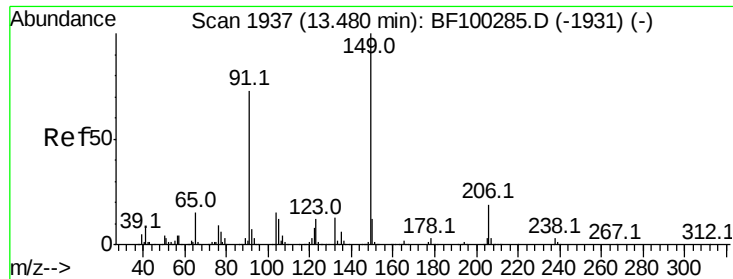
#78
Terphenyl-d14
Concen: 135.884 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion:244 Resp: 1899332
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 10.9 11.0 16.4#



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

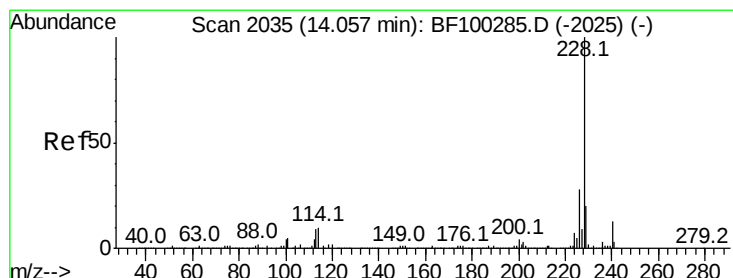
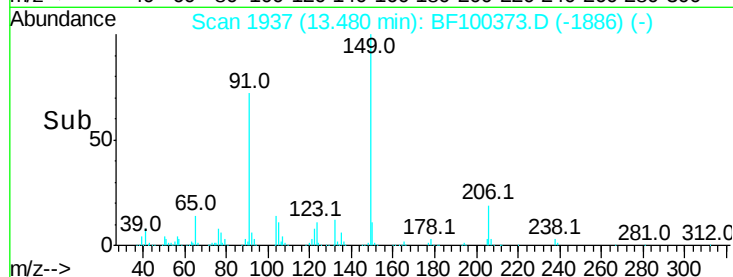
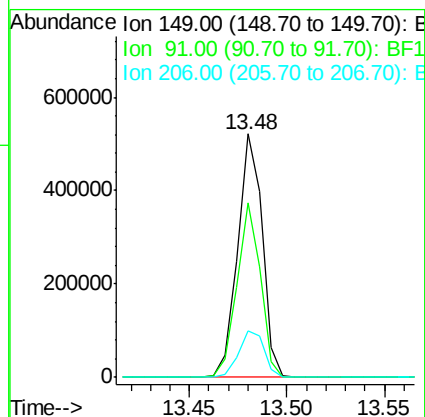
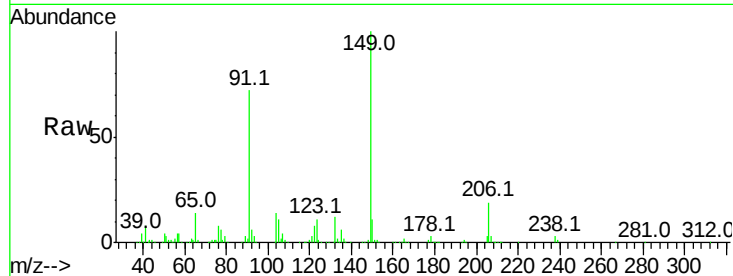




#79
Butylbenzylphthalate
Concen: 48.612 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

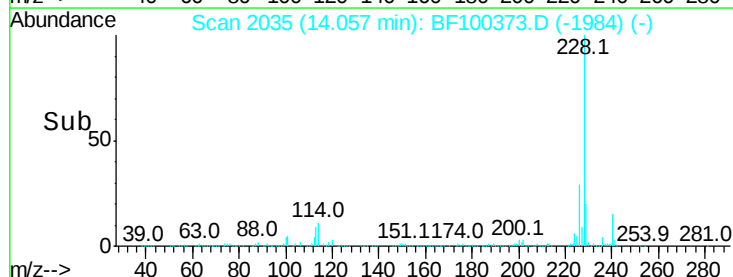
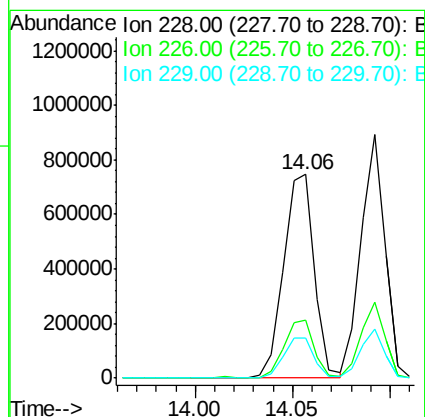
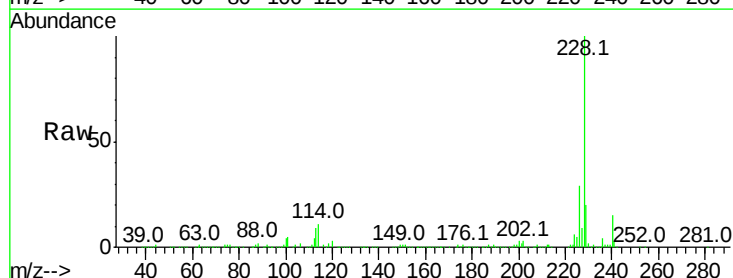
Instrument :
BNA_F
ClientSampleId :

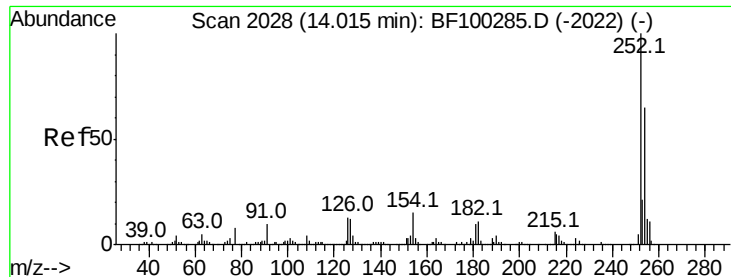
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.852 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.7	15.8	23.6

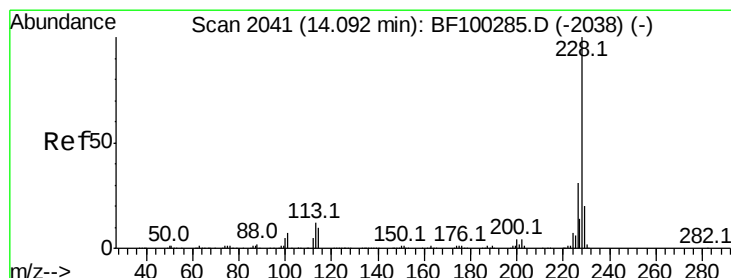
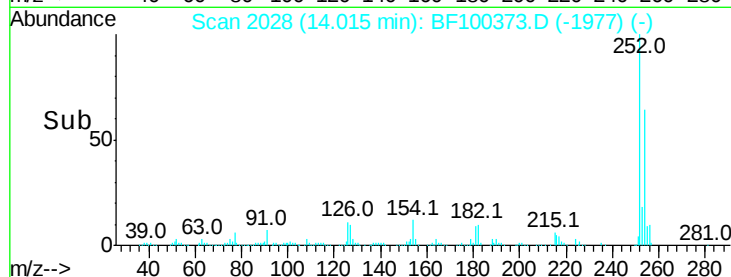
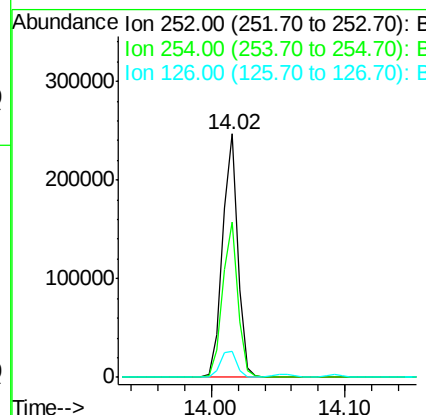
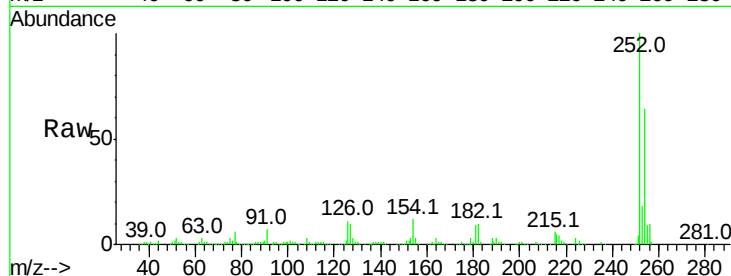




#81
 3,3'-Dichlorobenzidine
 Concen: 29.071 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

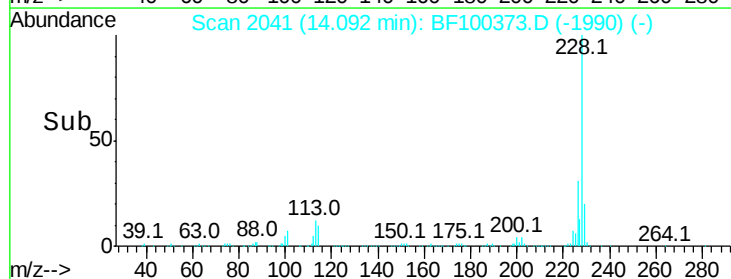
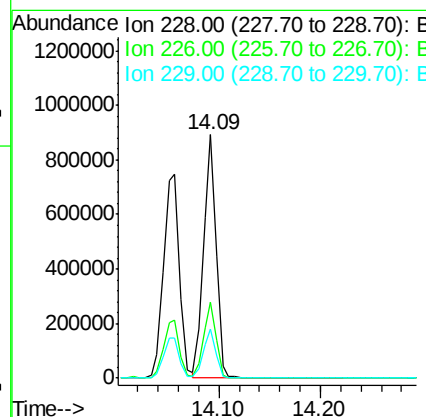
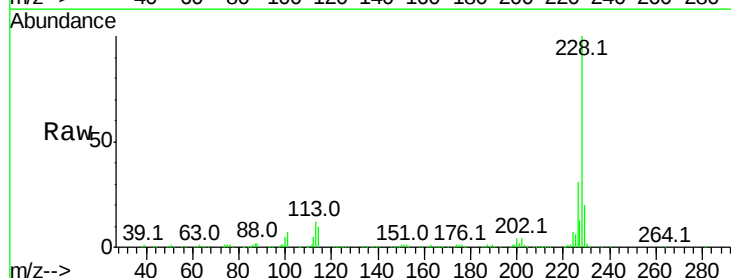
Instrument :
 BNA_F
 ClientSampleId :

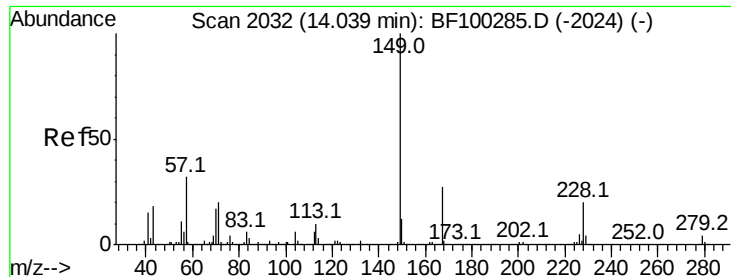
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	10.6	11.3	16.9#



#82
 Chrysene
 Concen: 41.093 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4

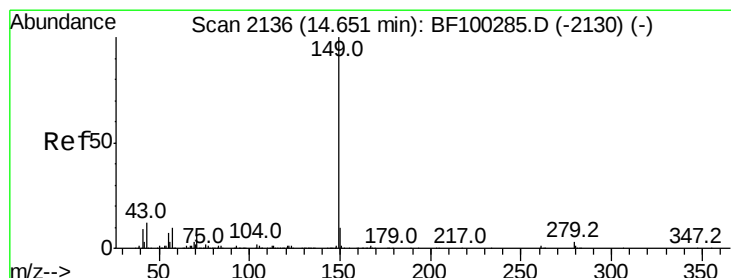
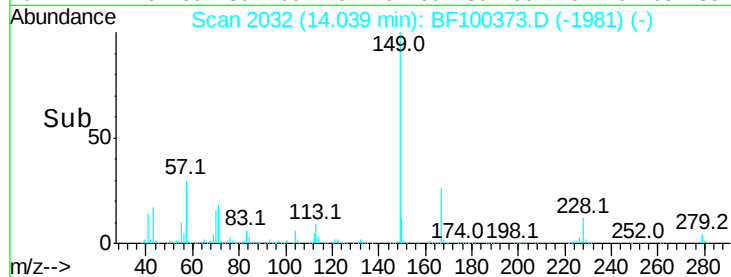
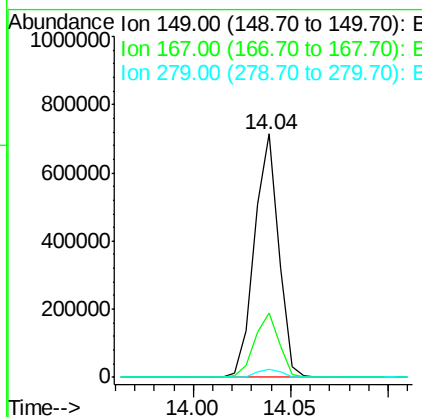
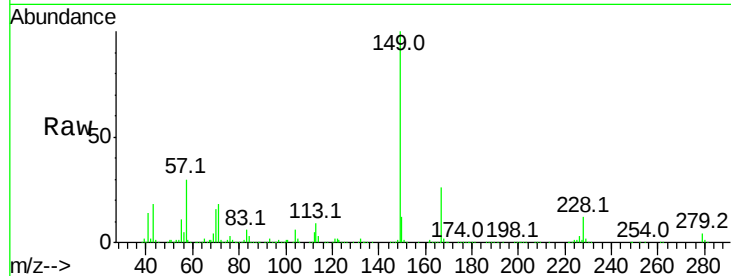




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.769 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

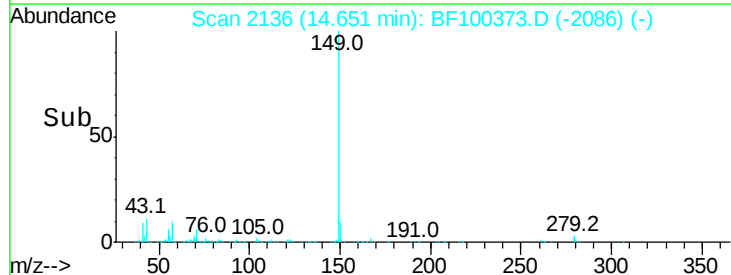
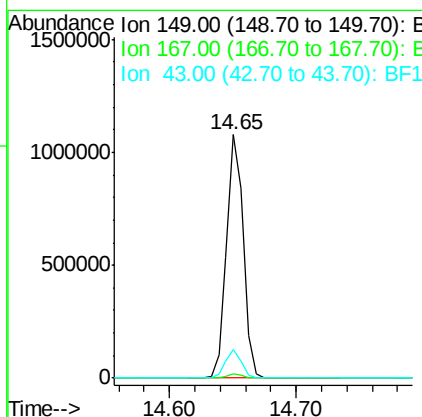
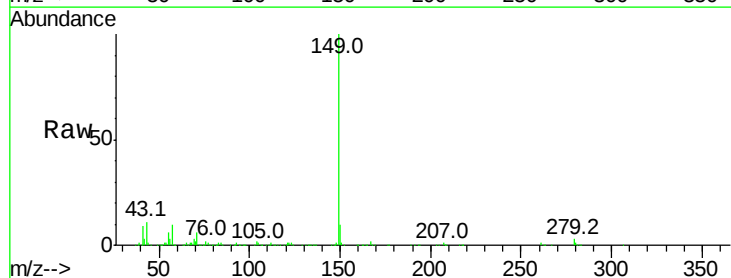
Instrument :
 BNA_F
 ClientSampleId :

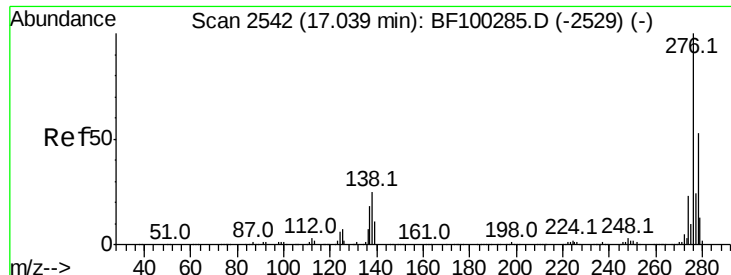
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 46.636 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BF100373.D
 Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	8.4	12.6

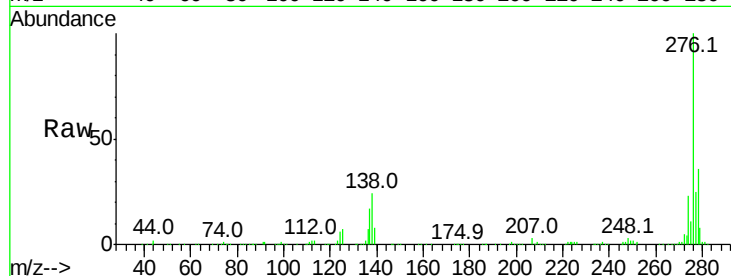




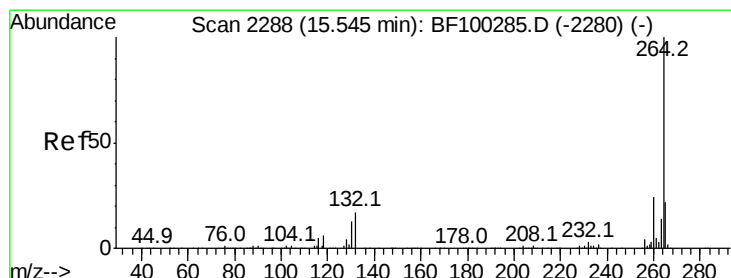
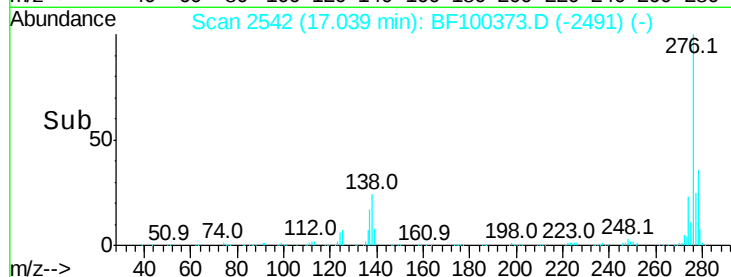
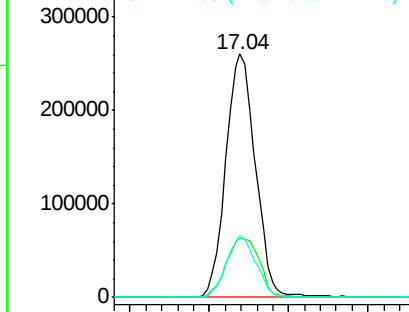
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.337 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.1	20.1	30.1

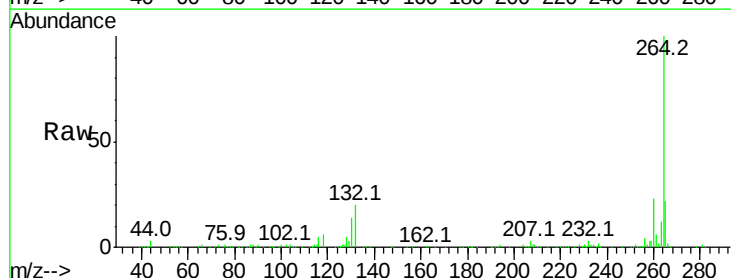


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

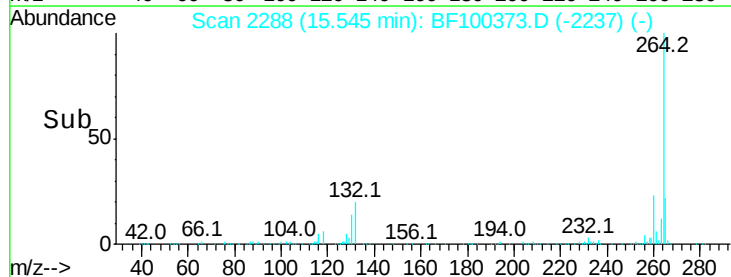
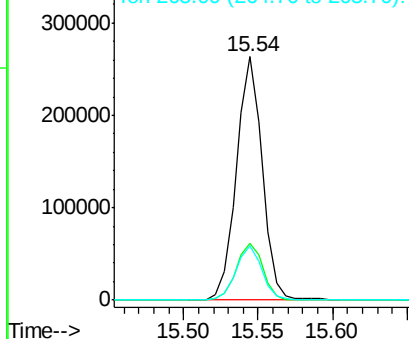


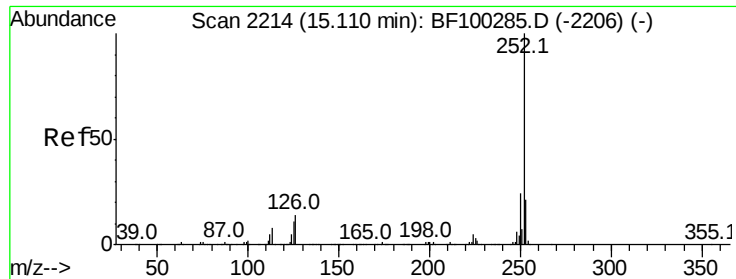
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100373.D
Acq: 10 Nov 2017 6:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 43.734 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

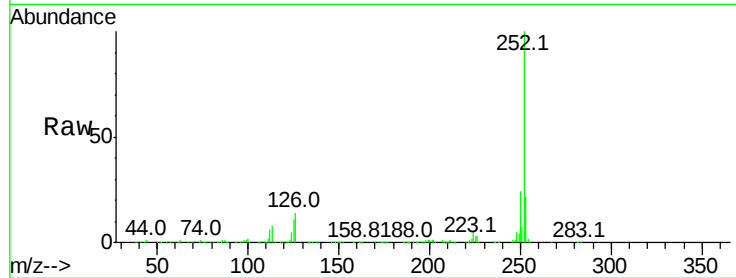
Tot Ion:252 Resp: 824897

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

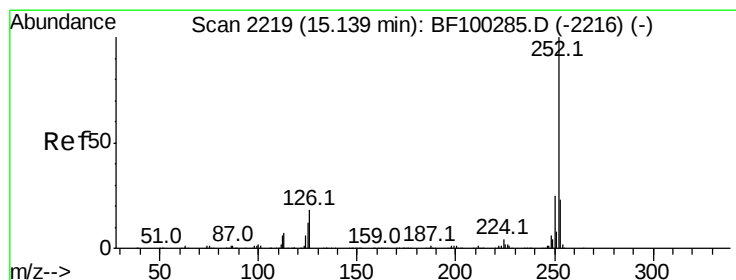
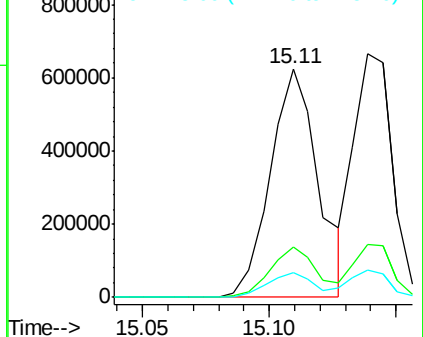
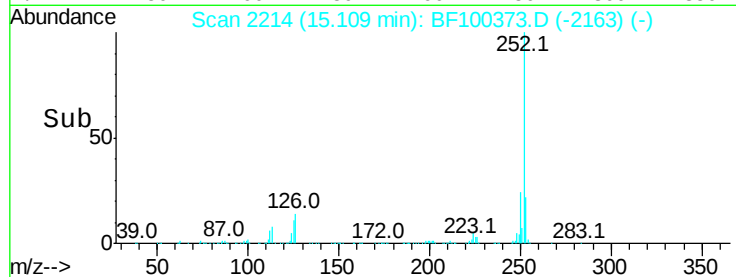
125 10.8 9.0 13.6



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: 39.956 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

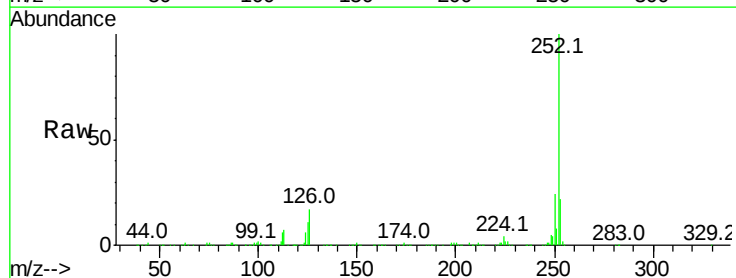
Tgt Ion:252 Resp: 712088

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

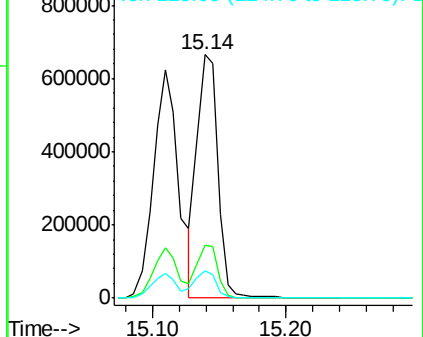
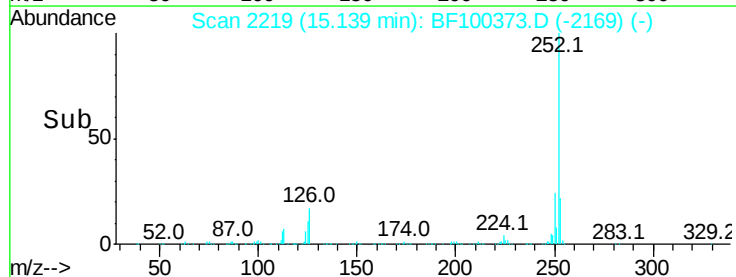
125 11.3 10.2 15.2

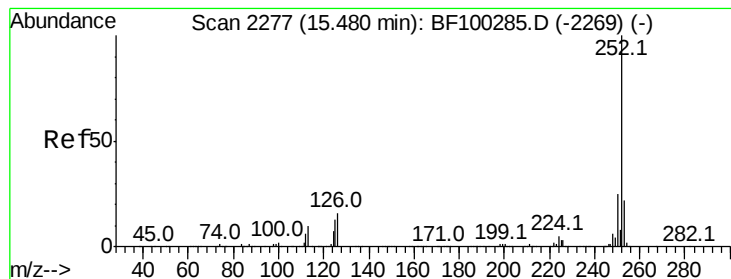


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.465 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :

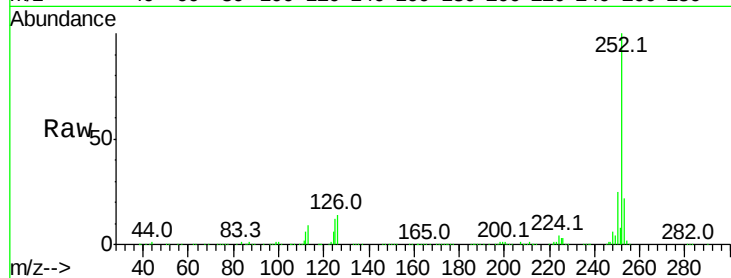
Tot Ion:252 Resp: 726814

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

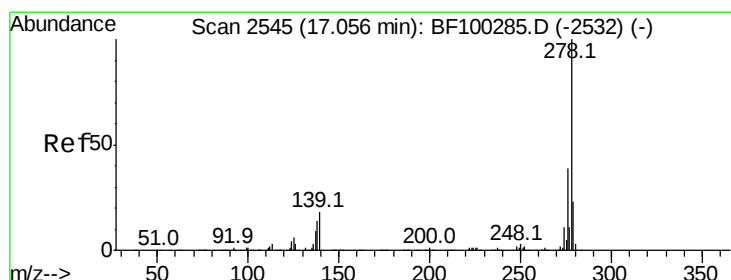
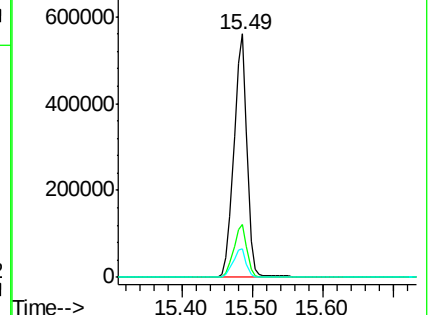
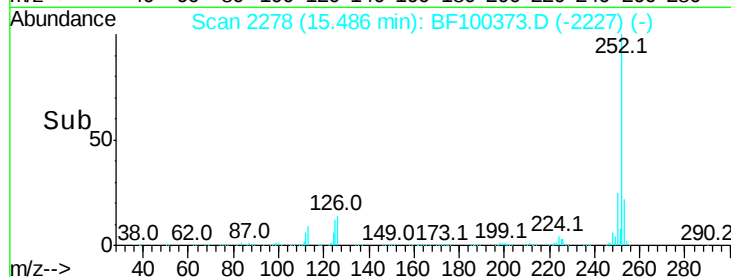
125 11.6 9.8 14.6



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: 41.192 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

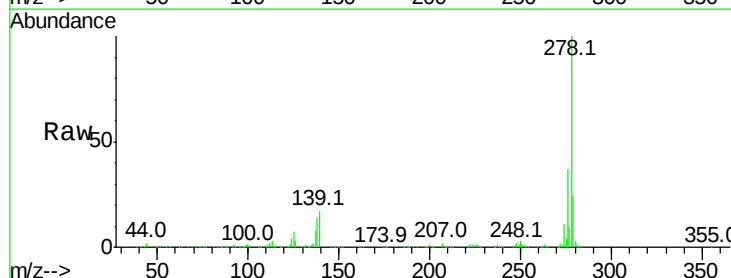
Tgt Ion:278 Resp: 563300

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

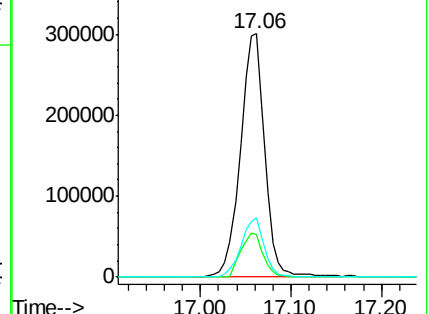
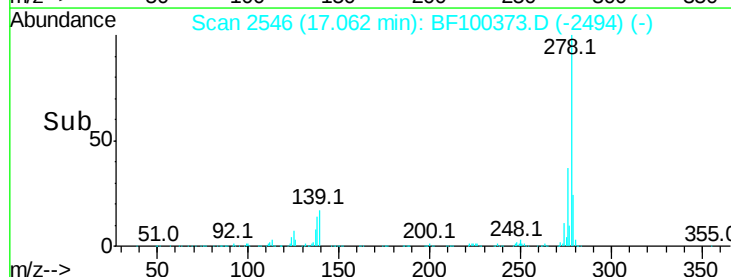
279 24.4 19.0 28.4

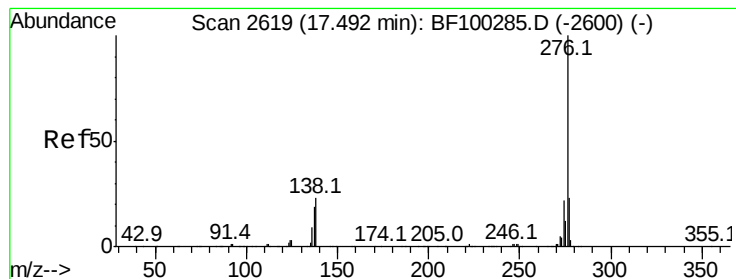


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.524 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.00 min

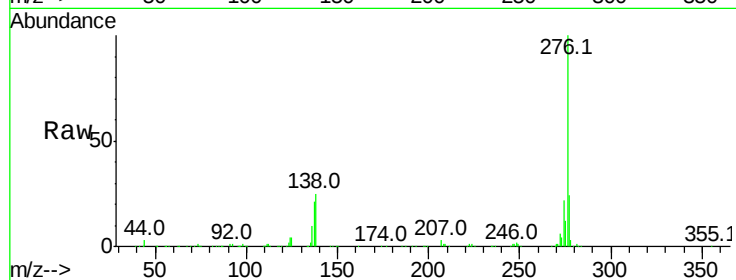
Lab File: BF100373.D

Acq: 10 Nov 2017 6:58

Instrument :

BNA_F

ClientSampleId :



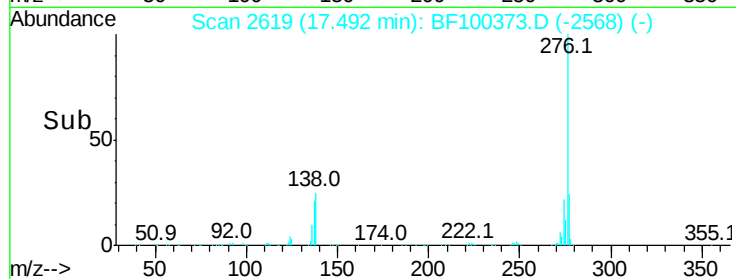
Tot Ion: 276 Resp: 529085

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 25.0 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

