

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100829.D
 Acq On : 22 Nov 2017 18:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:34:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83718	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	341622	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	163674	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	322679	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	254744	20.00	ng	-0.01
86) Perylene-d12	15.50	264	221347	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	411580	78.81	ng	-0.02
7) Phenol-d6	6.49	99	506315	78.62	ng	-0.02
23) Nitrobenzene-d5	7.43	82	464438	89.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	153964	92.31	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	950920	88.47	ng	-0.02
78) Terphenyl-d14	12.97	244	922683	83.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	91288	35.867	ng	97
3) Pyridine	3.40	79	253402	36.493	ng	96
4) n-Nitrosodimethylamine	3.36	42	118424	35.127	ng	94
6) Aniline	6.53	93	342903	37.688	ng	98
8) 2-Chlorophenol	6.65	128	229482	41.535	ng	98
9) Benzaldehyde	6.42	77	155468	33.803	ng	94
10) Phenol	6.50	94	282281	41.752	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	220361	38.804	ng	97
12) 1,3-Dichlorobenzene	6.80	146	266842	41.891	ng	98
13) 1,4-Dichlorobenzene	6.88	146	271834	42.163	ng	97
14) 1,2-Dichlorobenzene	7.03	146	252145	42.299	ng	98
15) Benzyl Alcohol	7.00	79	199333	39.658	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	325533	35.841	ng	97
17) 2-Methylphenol	7.11	107	189152	40.062	ng	98
18) Hexachloroethane	7.37	117	89592	42.147	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	170011	38.065	ng	94
20) 3+4-Methylphenols	7.27	107	233665	39.109	ng	# 80
22) Acetophenone	7.27	105	324106	38.907	ng	97
24) Nitrobenzene	7.45	77	231848	43.594	ng	94
25) Isophorone	7.69	82	403267	37.138	ng	100
26) 2-Nitrophenol	7.76	139	127142	50.653	ng	91
27) 2,4-Dimethylphenol	7.80	122	194883	40.037	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	275613	38.804	ng	99
29) 2,4-Dichlorophenol	8.00	162	202329	43.541	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	218262	43.422	ng	95
31) Naphthalene	8.17	128	676550	41.117	ng	99
32) Benzoic acid	7.93	122	173759	46.886	ng	98
33) 4-Chloroaniline	8.22	127	277220	40.475	ng	99
34) Hexachlorobutadiene	8.28	225	131258	43.919	ng	98
35) Caprolactam	8.60	113	60203	37.751	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	201001	40.275	ng	94
37) 2-Methylnaphthalene	8.86	142	458885	42.007	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243924	44.936	ng	# 97
40) Hexachlorocyclopentadiene	9.01	237	98295	38.475	ng	100

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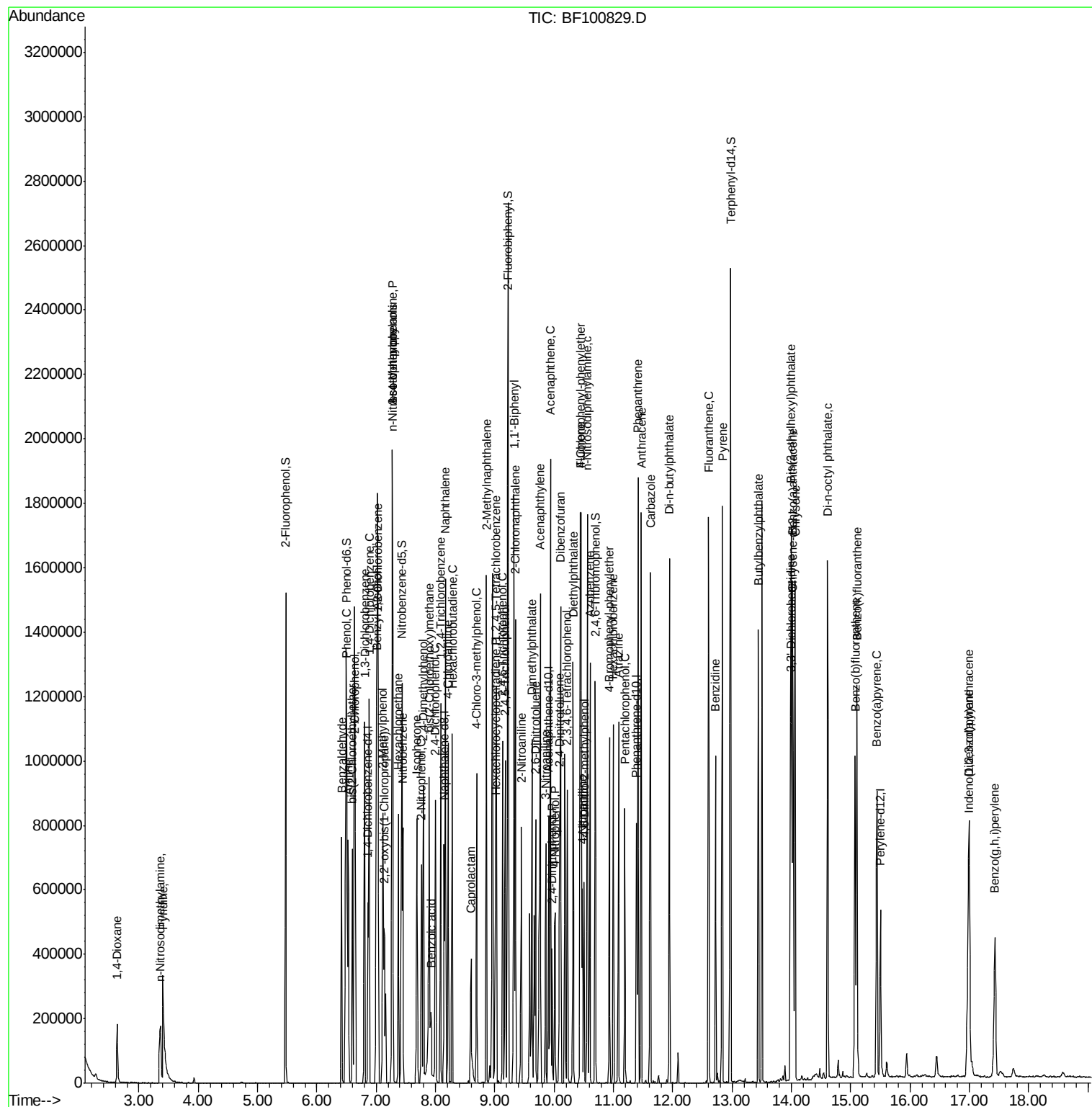
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	148459	43.152	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	164633	46.187	ng	94
45) 1,1'-Biphenyl	9.32	154	604036	42.670	ng	99
46) 2-Chloronaphthalene	9.35	162	434433	42.302	ng	96
47) 2-Nitroaniline	9.45	65	128156	42.567	ng	98
48) Acenaphthylene	9.77	152	698534	41.043	ng	100
49) Dimethylphthalate	9.63	163	519512	41.572	ng	99
50) 2,6-Dinitrotoluene	9.69	165	113765	45.991	ng	94
51) Acenaphthene	9.94	154	413796	39.977	ng	99
52) 3-Nitroaniline	9.86	138	129075	44.188	ng	97
53) 2,4-Dinitrophenol	9.96	184	55809	59.475	ng	# 17
54) Dibenzofuran	10.11	168	595527	41.050	ng	98
55) 4-Nitrophenol	10.02	139	94652	39.907	ng	86
56) 2,4-Dinitrotoluene	10.09	165	146917	47.080	ng	# 93
57) Fluorene	10.45	166	470293	44.252	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	123523	42.283	ng	# 86
59) Diethylphthalate	10.32	149	508897	40.693	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	233361	44.761	ng	94
61) 4-Nitroaniline	10.47	138	126312	45.604	ng	90
62) Azobenzene	10.60	77	441017	37.443	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	90371	54.134	ng	78
65) n-Nitrosodiphenylamine	10.56	169	462509	41.222	ng	94
66) 4-Bromophenyl-phenylether	10.93	248	146607	42.383	ng	# 84
67) Hexachlorobenzene	11.00	284	153454	42.417	ng	# 91
68) Atrazine	11.09	200	143947	42.384	ng	98
69) Pentachlorophenol	11.19	266	101699	39.203	ng	99
70) Phenanthrene	11.42	178	687476	40.465	ng	99
71) Anthracene	11.47	178	701344	40.689	ng	99
72) Carbazole	11.62	167	632883	39.793	ng	98
73) Di-n-butylphthalate	11.94	149	804652	43.233	ng	98
74) Fluoranthene	12.60	202	725822	40.311	ng	96
76) Benzidine	12.72	184	366250	35.900	ng	99
77) Pyrene	12.83	202	743367	40.936	ng	99
79) Butylbenzylphthalate	13.44	149	329052	44.433	ng	90
80) Benzo(a)anthracene	14.02	228	650113	42.379	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	237878	43.279	ng	97
82) Chrysene	14.06	228	601088	40.463	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	456175	46.835	ng	100
84) Di-n-octyl phthalate	14.61	149	753417	45.027	ng	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	470026	39.118	ng	94
87) Benzo(b)fluoranthene	15.07	252	562532	42.897	ng	98
88) Benzo(k)fluoranthene	15.10	252	527684	42.588	ng	# 97
89) Benzo(a)pyrene	15.44	252	495663	42.635	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	396128	41.664	ng	96
91) Benzo(g,h,i)perylene	17.43	276	377464	40.557	ng	93

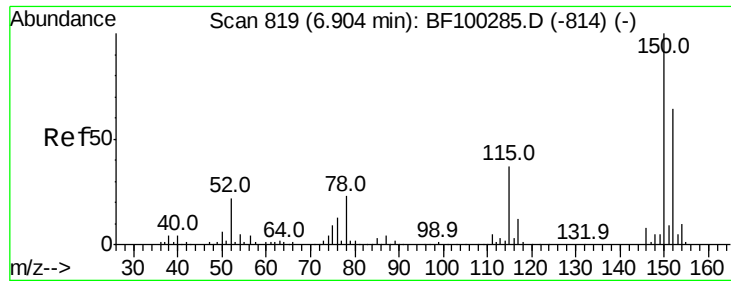
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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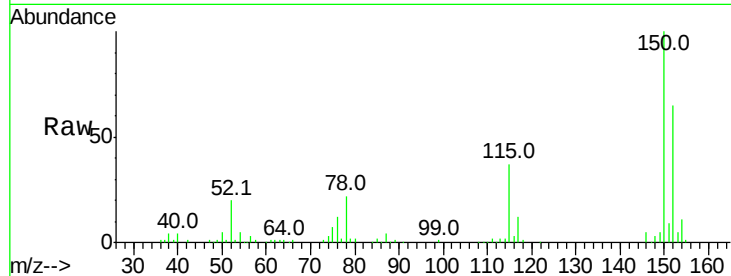


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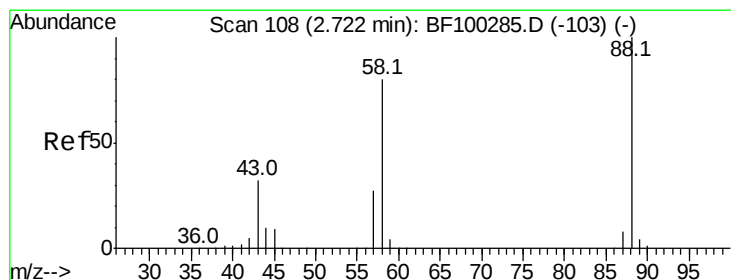
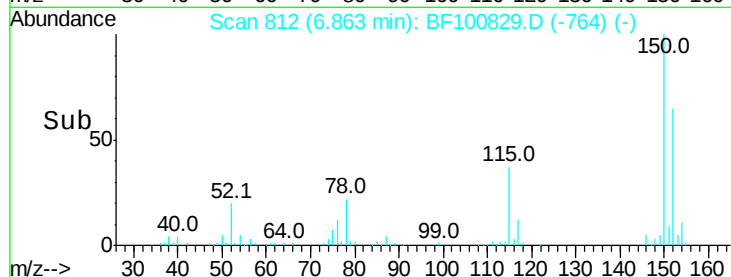
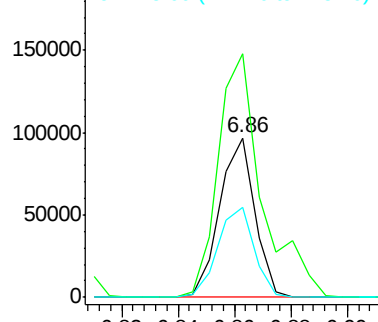
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83718
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 56.6 50.1 75.1



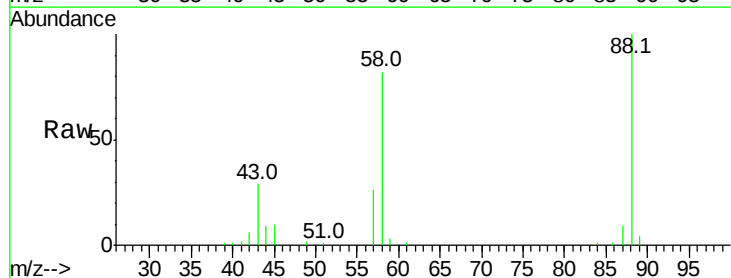
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



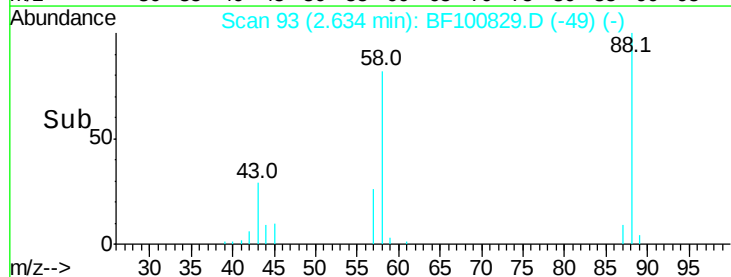
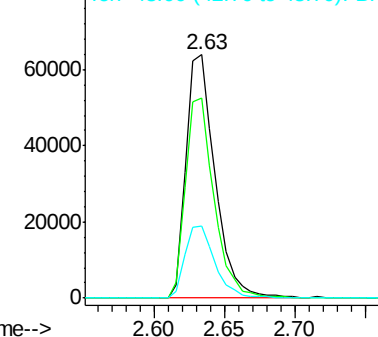
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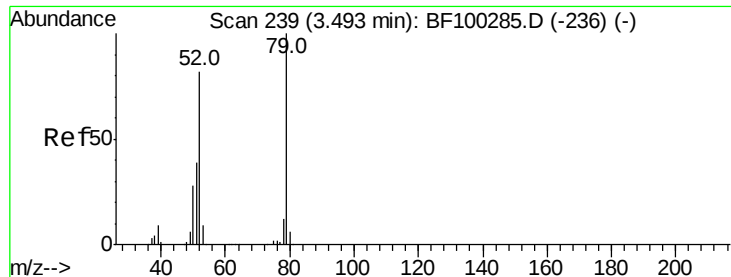
1,4-Dioxane
Concen: 35.867 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.04 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion: 88 Resp: 91288
Ion Ratio Lower Upper
88 100
58 81.1 62.6 93.8
43 30.5 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

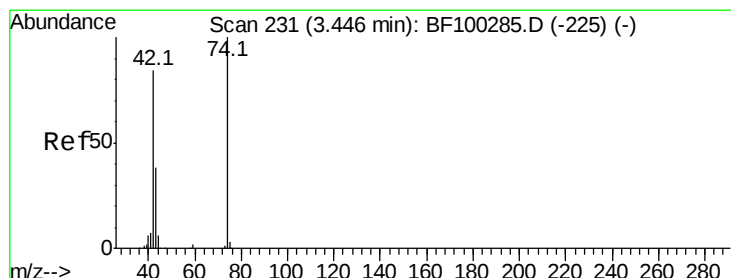
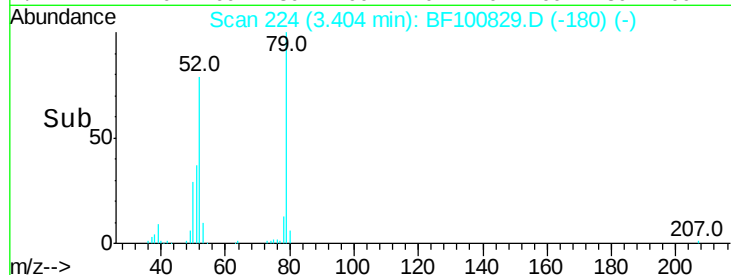
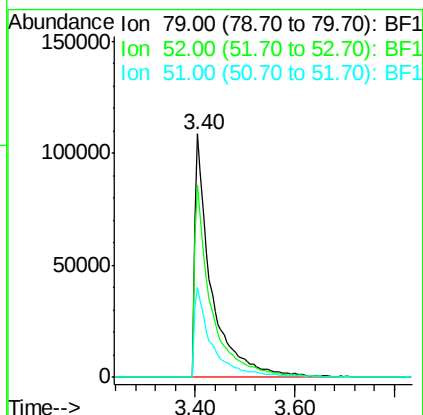
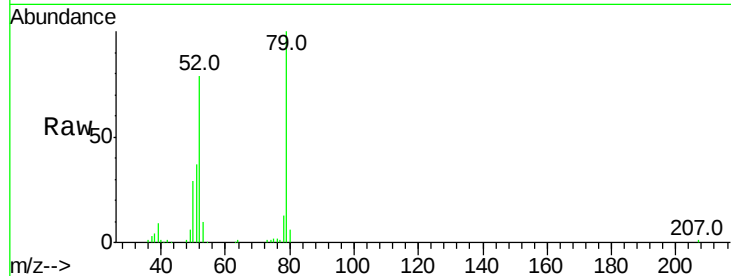




#3
 Pvridine
 Concen: 36.493 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.04 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

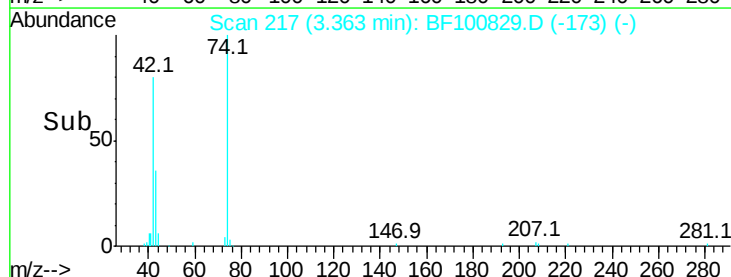
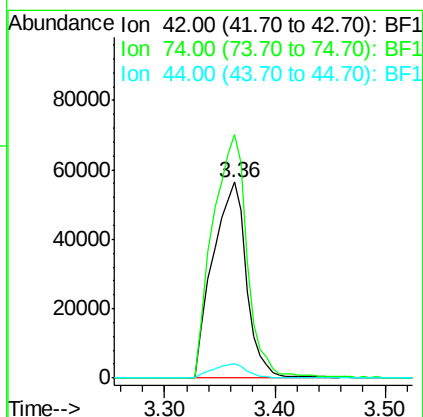
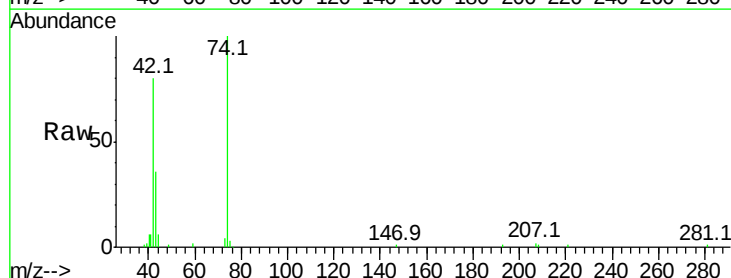
Instrument :
 BNA_F
 ClientSampled :

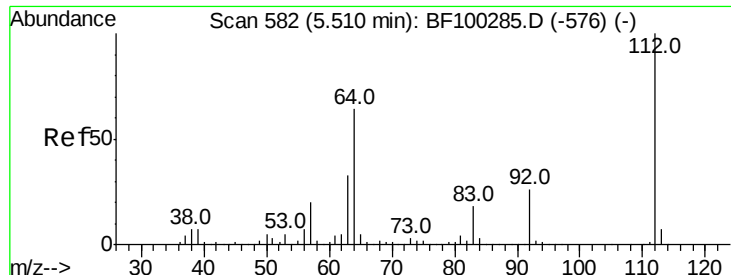
Tot Ion: 79 Resp: 253402
 Ion Ratio Lower Upper
 79 100
 52 79.1 59.8 89.6
 51 37.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.127 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.04 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion: 42 Resp: 118424
 Ion Ratio Lower Upper
 42 100
 74 124.4 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 78.807 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampled :

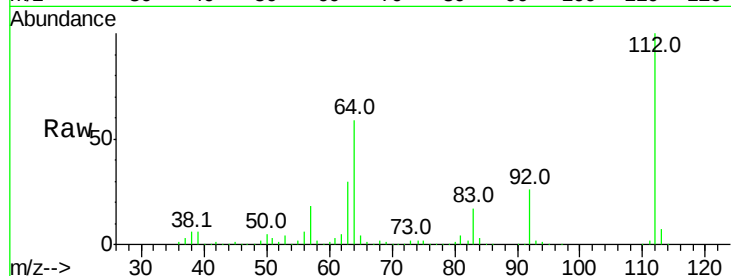
Tot Ion:112 Resp: 411580

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

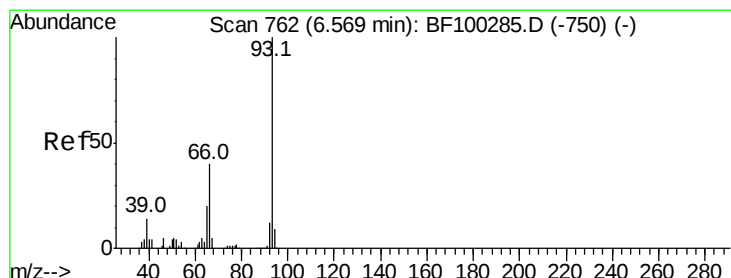
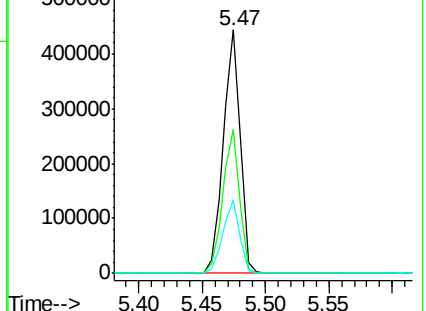
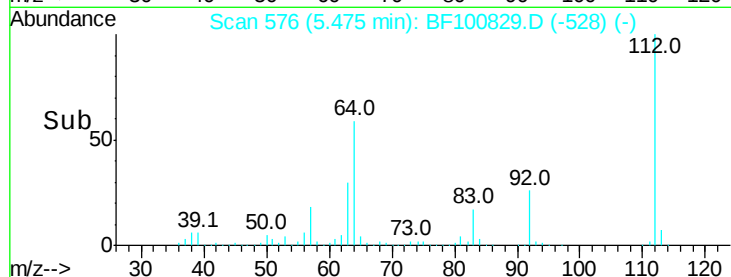
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.688 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

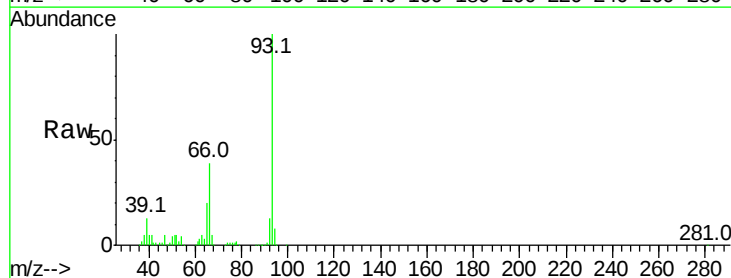
Tgt Ion: 93 Resp: 342903

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

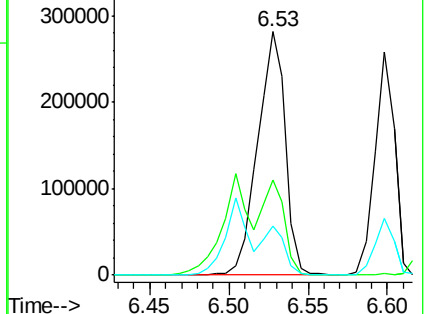
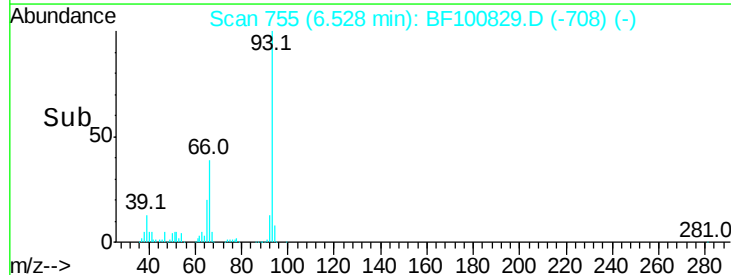
65 20.0 16.4 24.6



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: 78.618 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

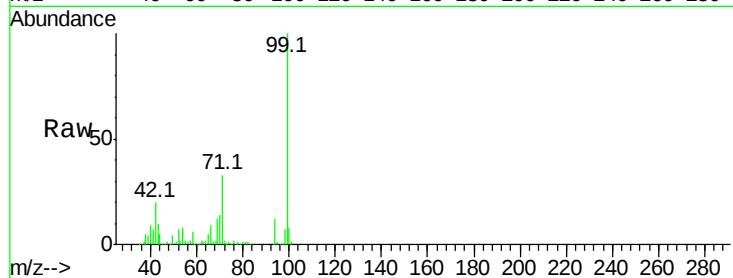
Tot Ion: 99 Resp: 506315

Ion Ratio Lower Upper

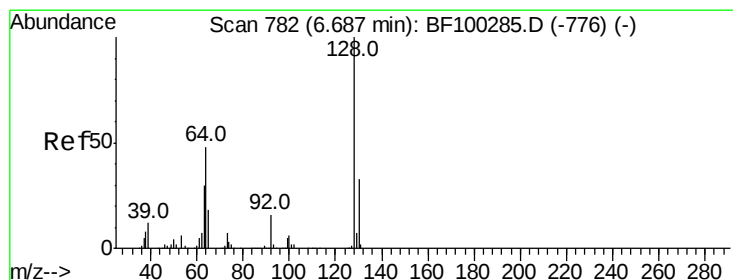
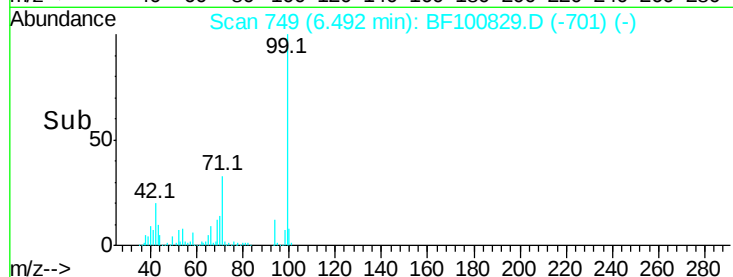
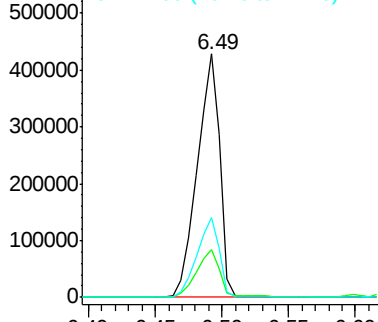
99 100

42 19.8 14.5 21.7

71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.535 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

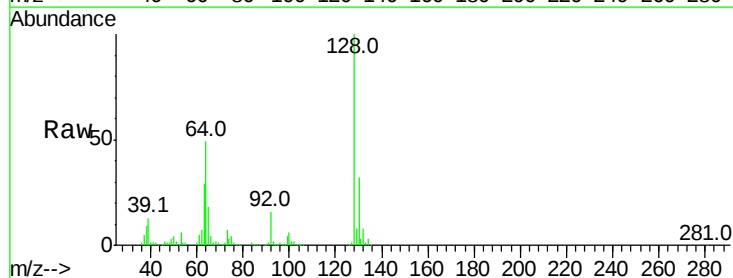
Tgt Ion: 128 Resp: 229482

Ion Ratio Lower Upper

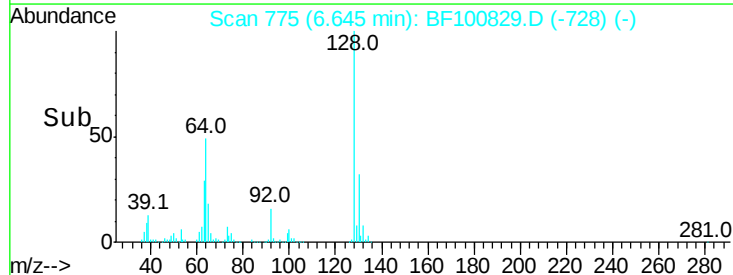
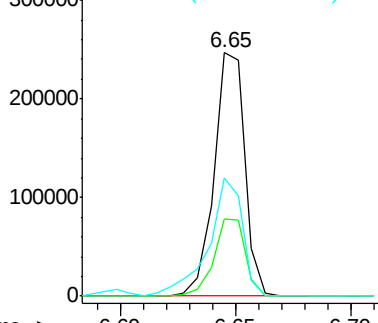
128 100

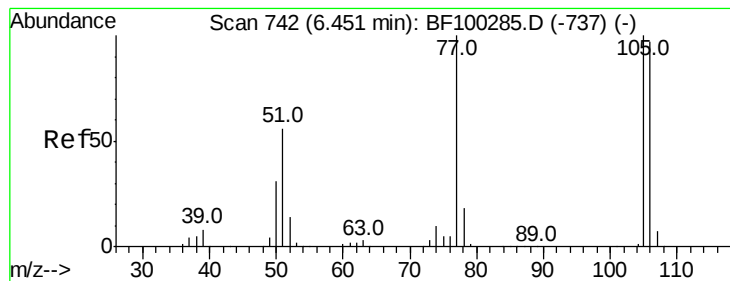
130 31.8 13.0 53.0

64 48.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.803 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

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ClientSampled :

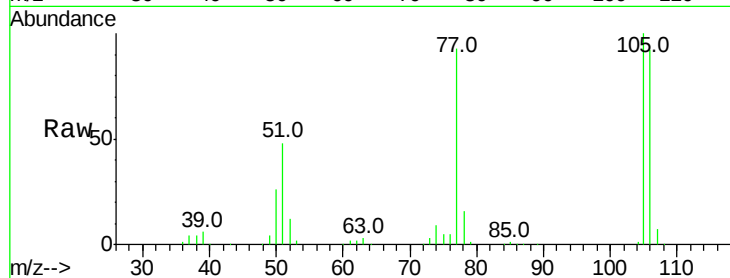
Tot Ion: 77 Resp: 155468

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

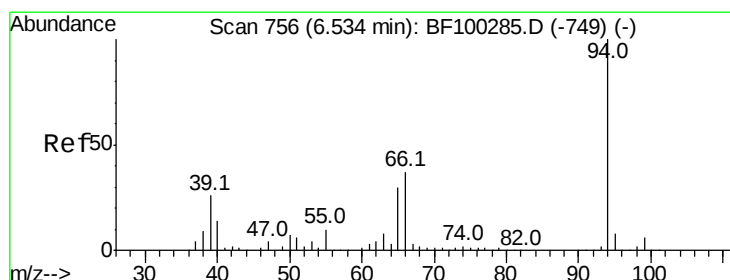
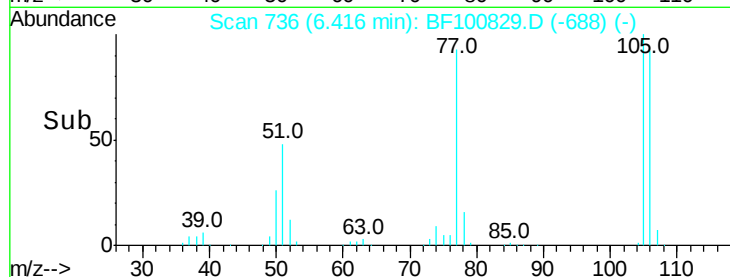
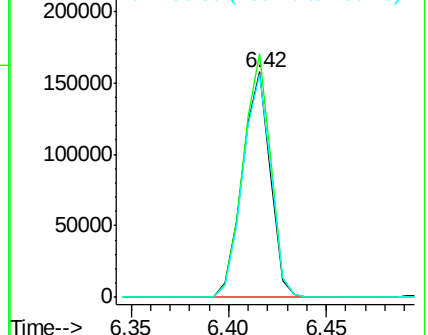
106 99.1 74.5 114.5



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: 41.752 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

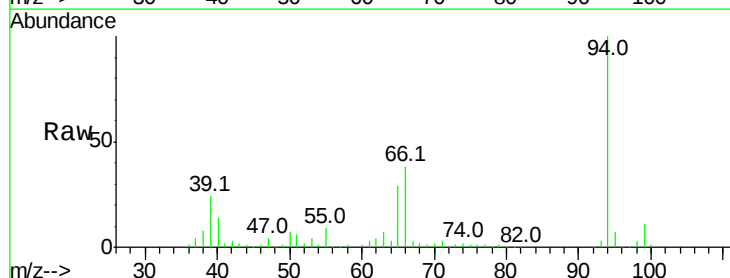
Tgt Ion: 94 Resp: 282281

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

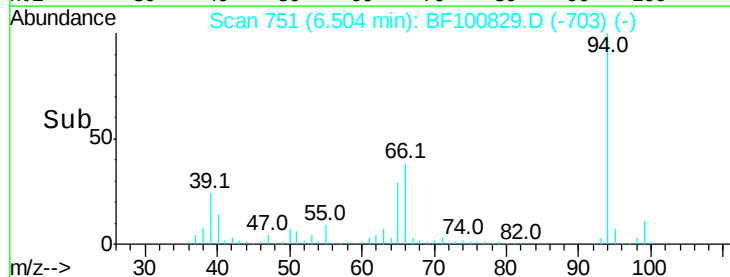
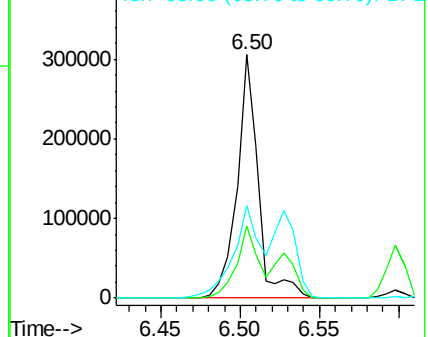
66 38.3 16.2 56.2

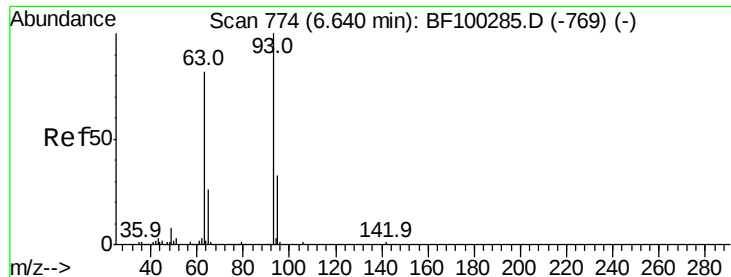


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.804 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

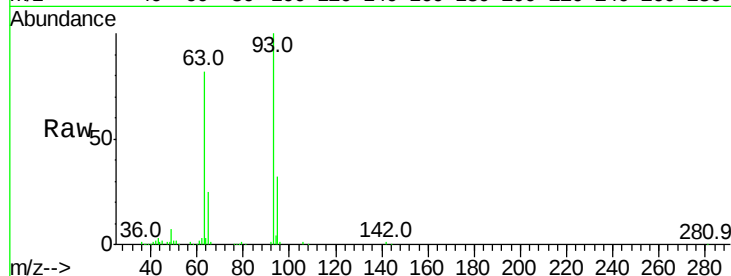
Tot Ion: 93 Resp: 220361

Ion Ratio Lower Upper

93 100

63 81.7 58.6 98.6

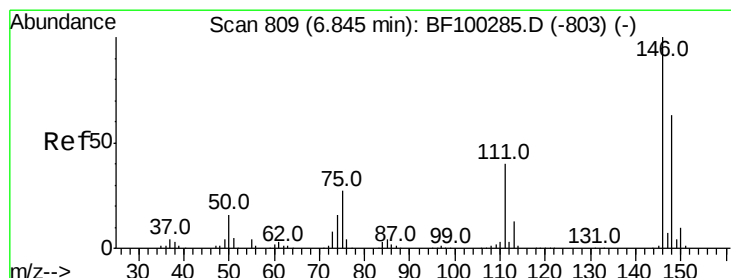
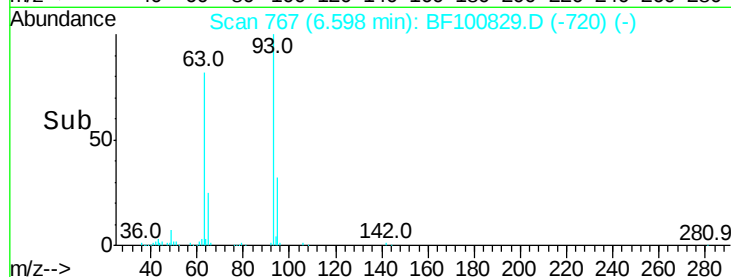
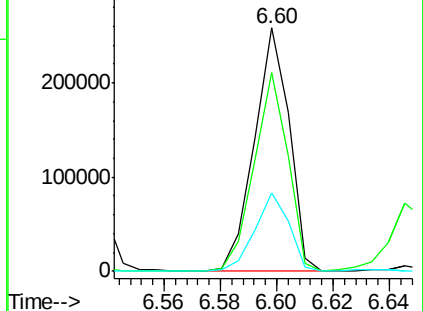
95 32.4 11.8 51.8



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: 41.891 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

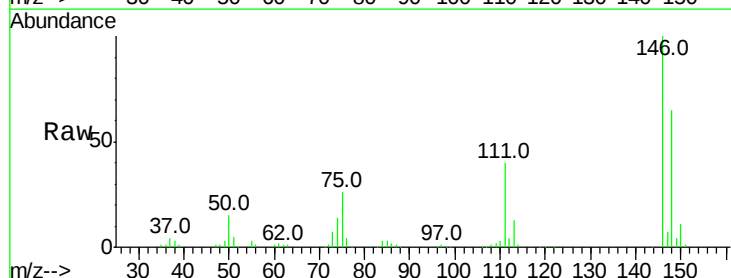
Tgt Ion: 146 Resp: 266842

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

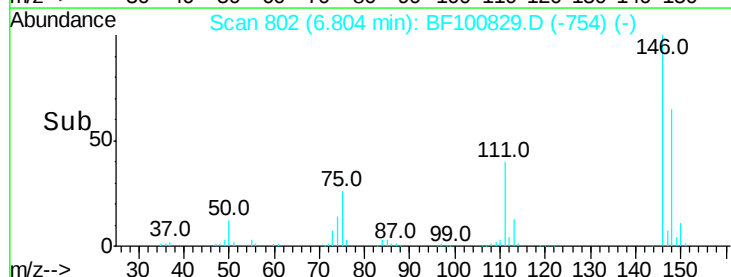
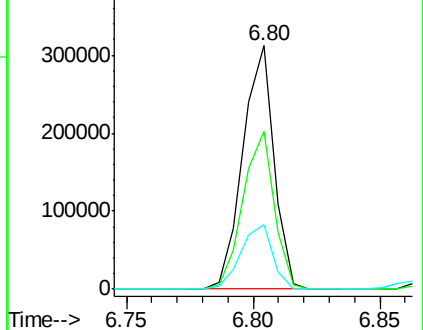
75 26.5 24.2 36.4



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

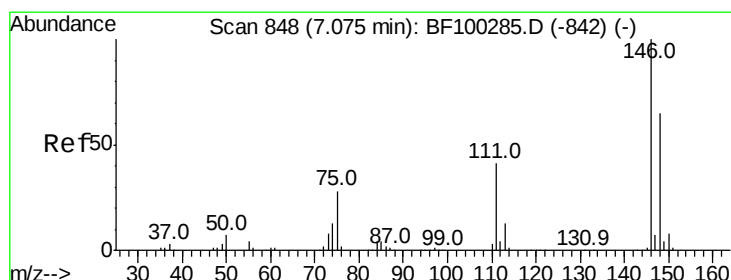
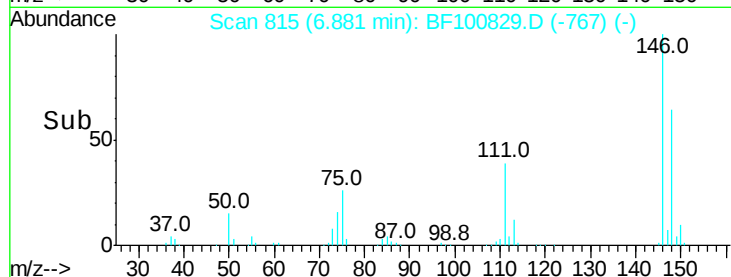
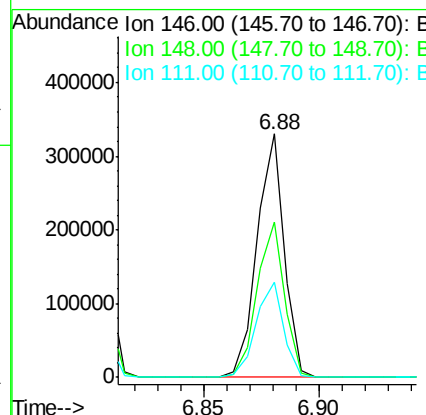
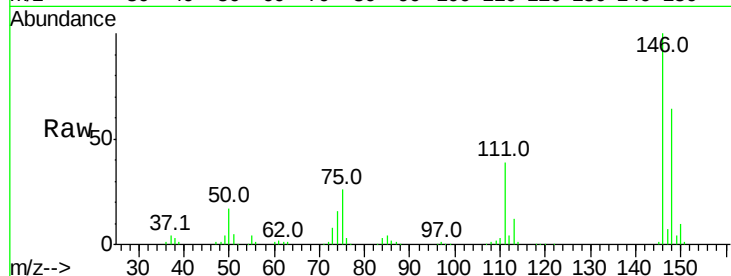




#13
 1,4-Dichlorobenzene
 Concen: 42.163 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

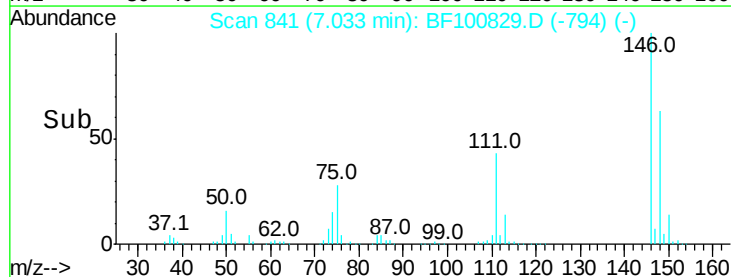
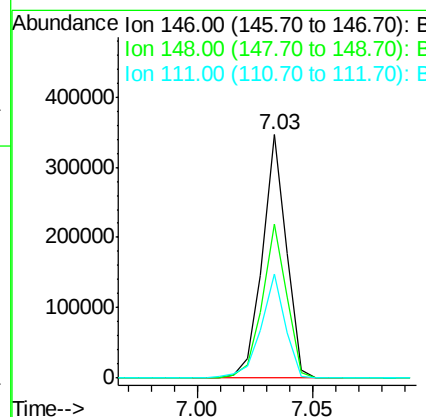
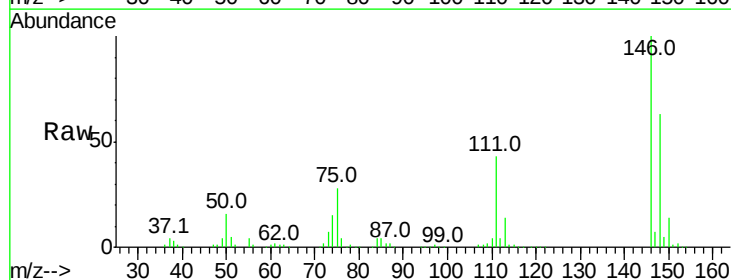
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 271834
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 38.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.299 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:146 Resp: 252145
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 42.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.658 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

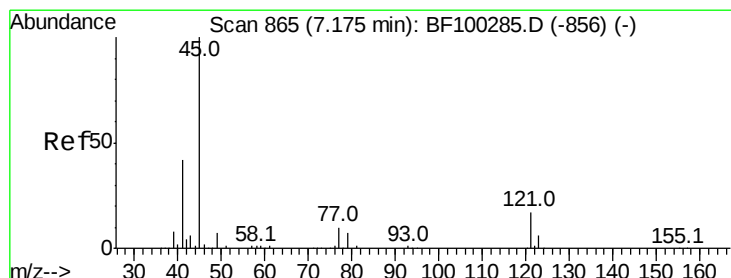
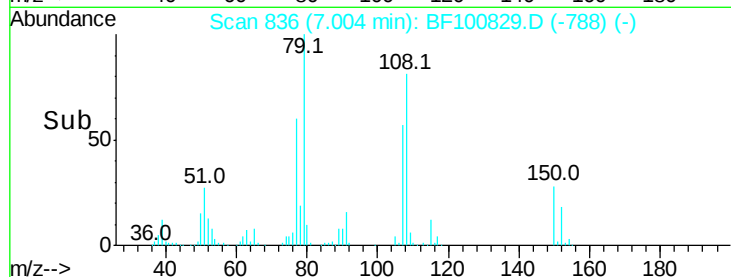
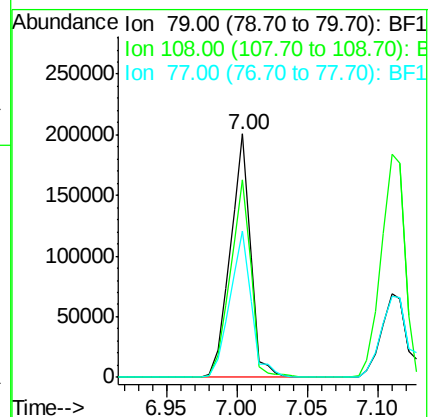
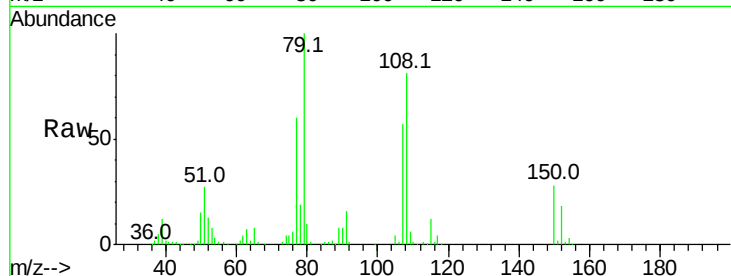
Tot Ion: 79 Resp: 199333

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

77 60.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.841 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

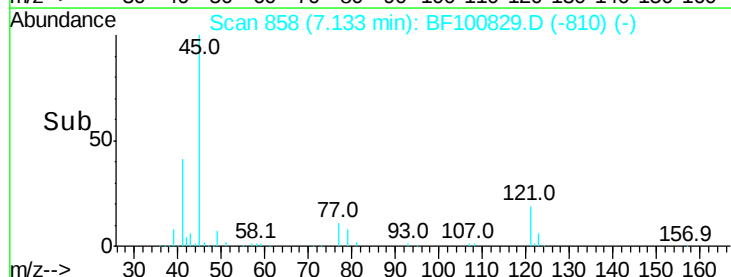
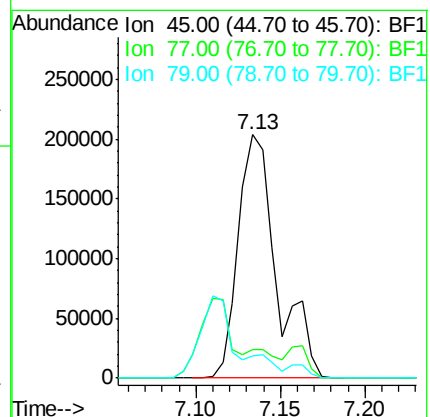
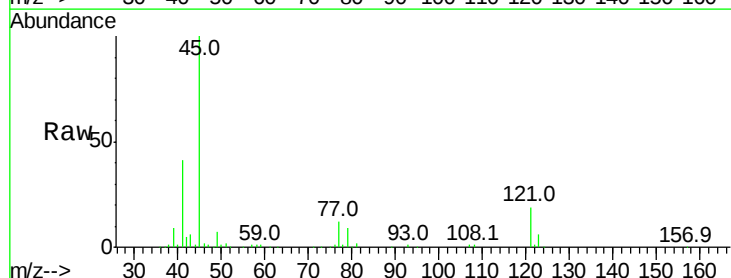
Tgt Ion: 45 Resp: 325533

Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 8.9 0.0 29.6





#17

2-Methylphenol

Concen: 40.062 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 189152

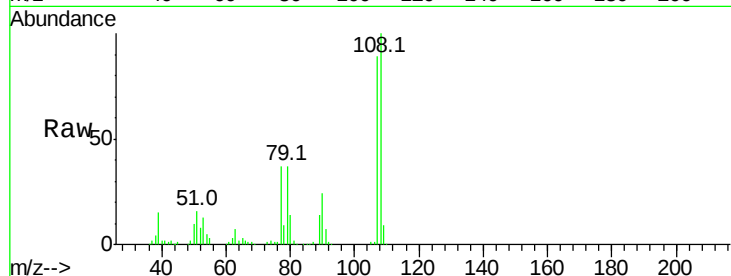
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 41.1 33.8 50.8

79 42.1 33.8 50.8

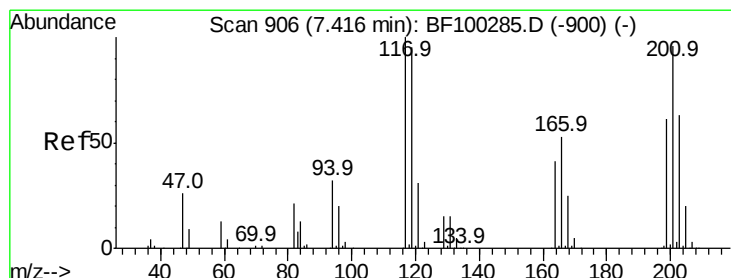
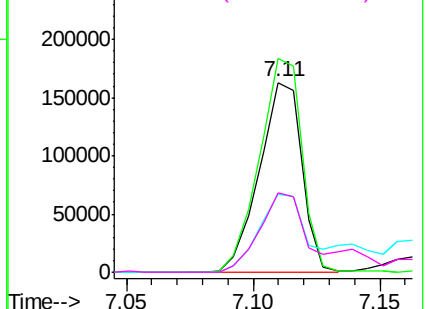
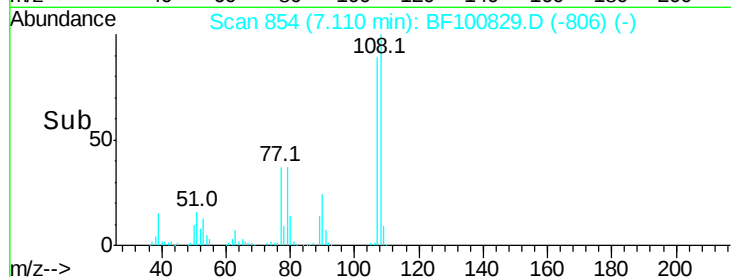


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.147 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

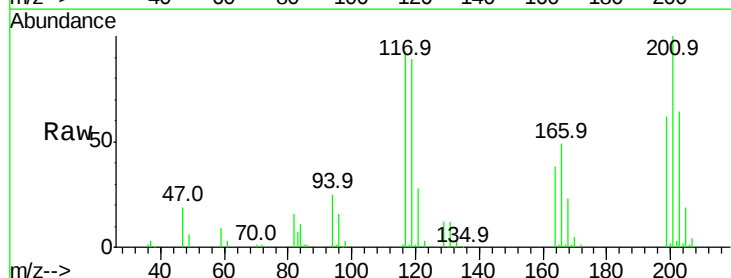
Tgt Ion:117 Resp: 89592

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

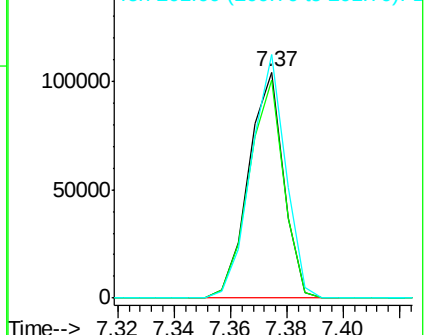
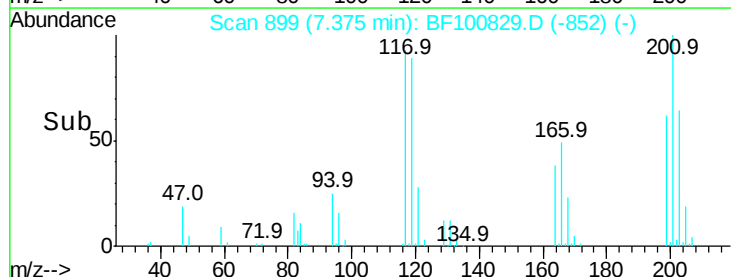
201 107.8 75.7 113.5

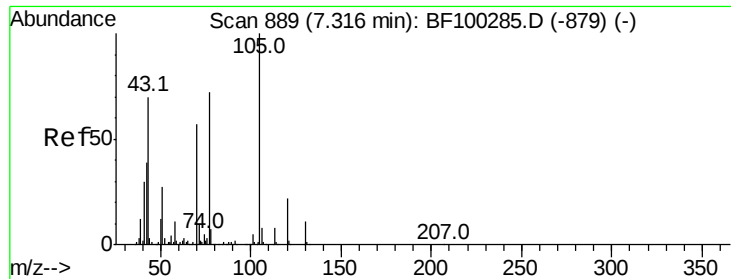


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

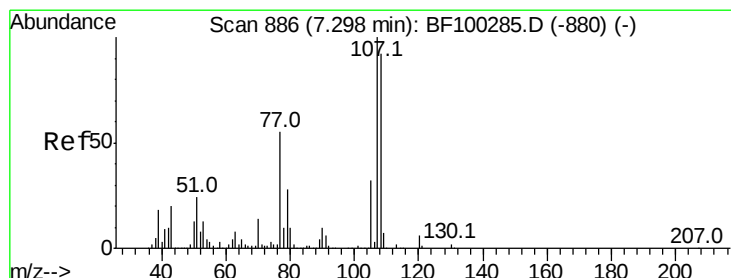
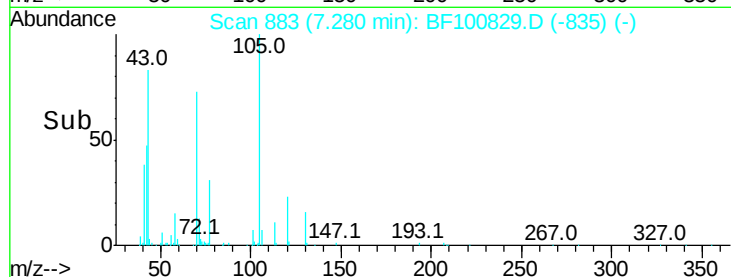
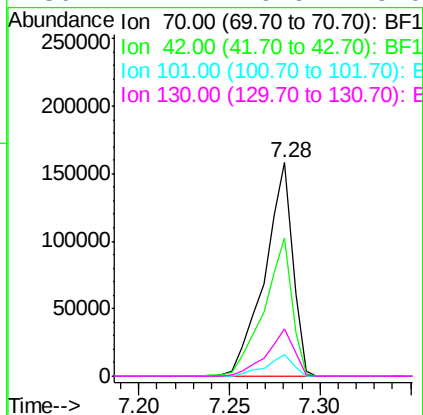
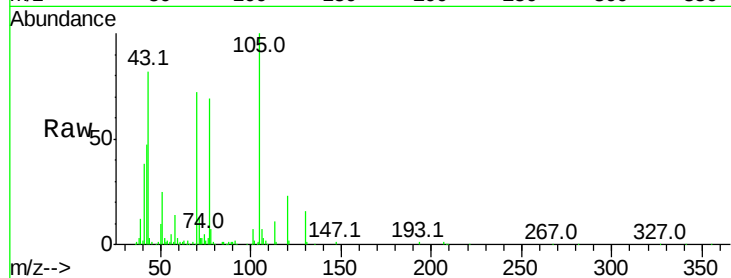




#19
n-Nitroso-di-n-propylamine
Concen: 38.065 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

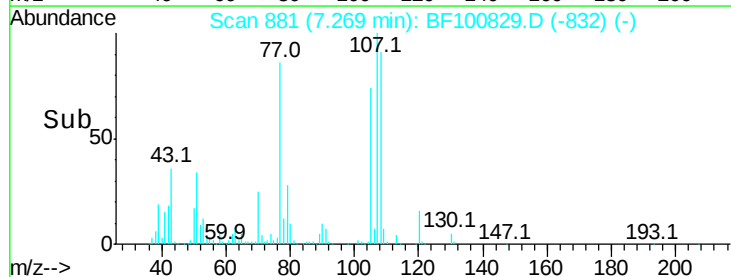
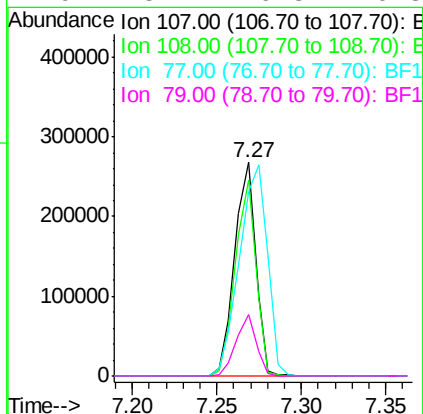
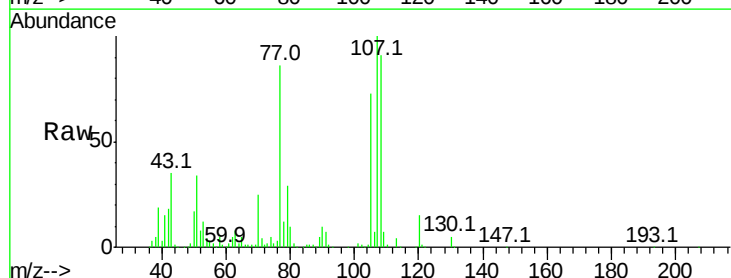
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 170011
Ion Ratio Lower Upper
70 100
42 64.9 47.5 71.3
101 10.2 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.109 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion: 107 Resp: 233665
Ion Ratio Lower Upper
107 100
108 91.5 68.2 108.2
77 86.1 26.7 66.7#
79 28.7 6.3 46.3

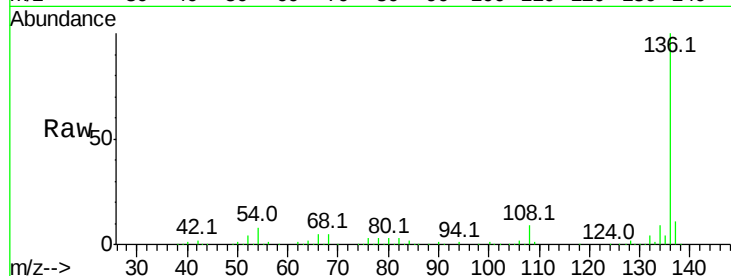




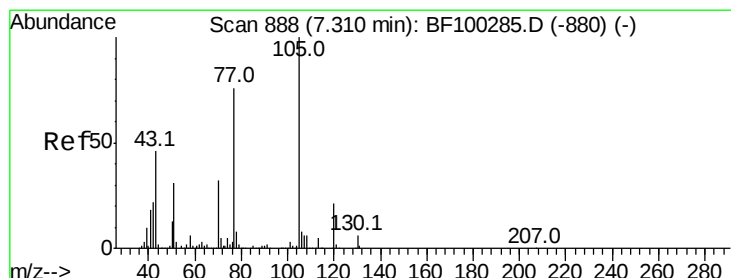
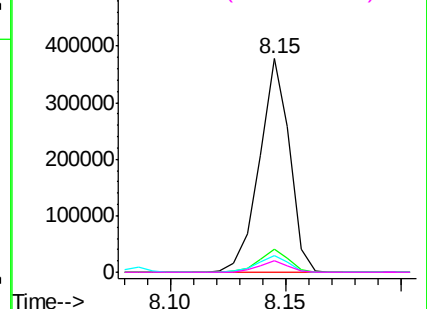
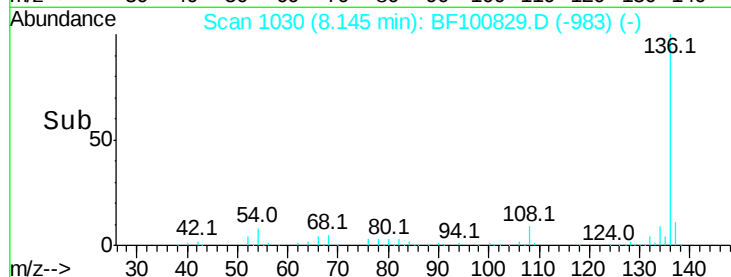
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	341622
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.4	5.0	7.4

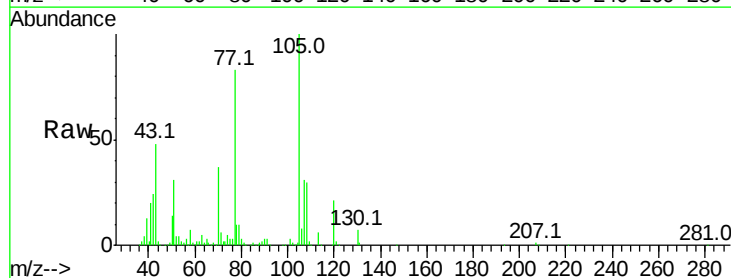


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

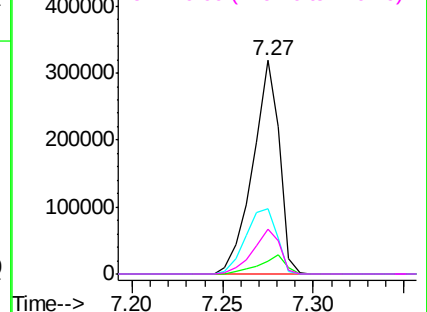
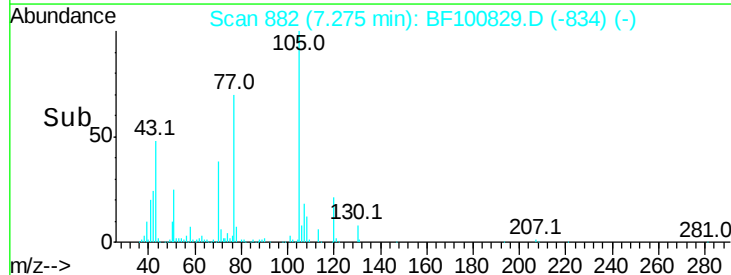


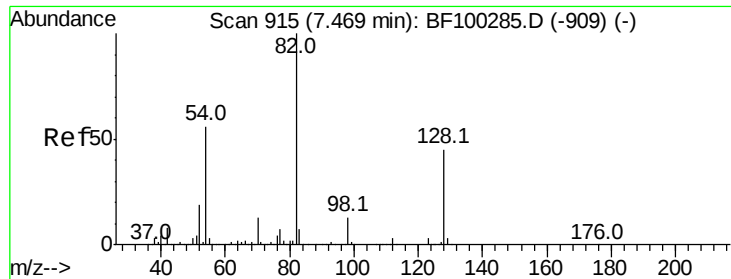
#22
Acetophenone
Concen: 38.907 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:	105	Resp:	324106
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	30.8	22.3	33.5
120	20.8	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

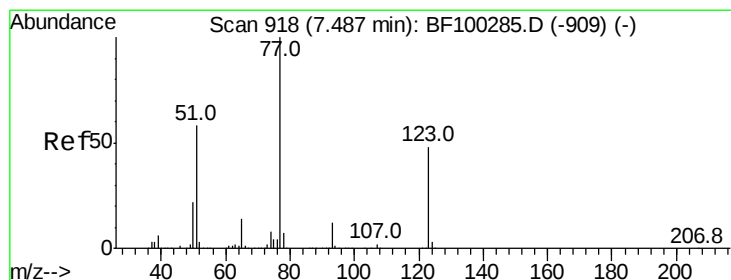
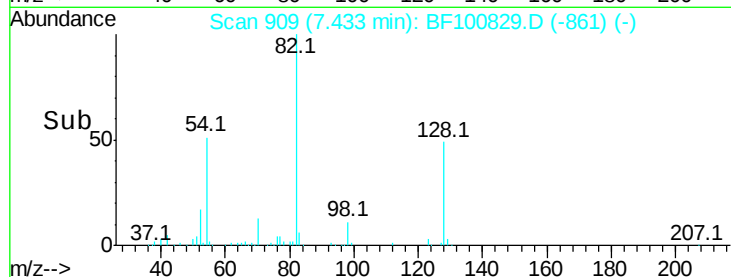
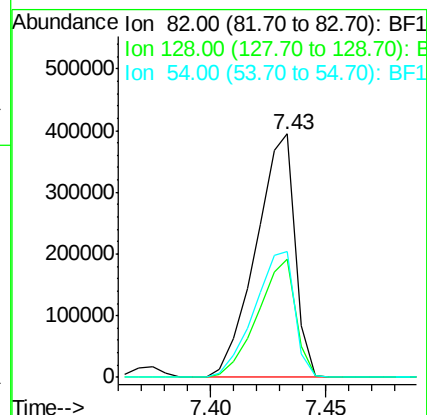
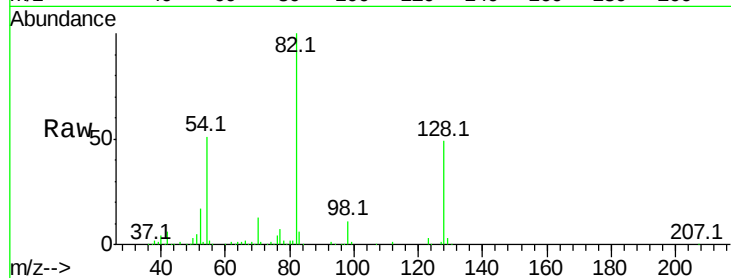




#23
 Nitrobenzene-d5
 Concen: 89.882 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

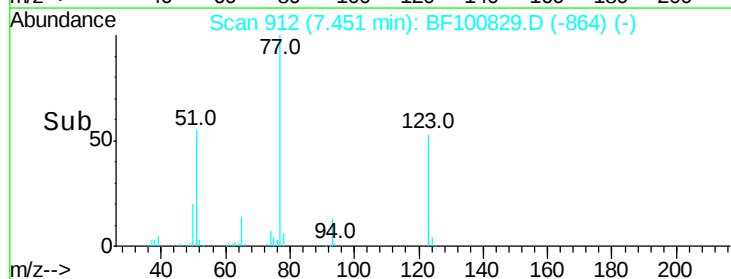
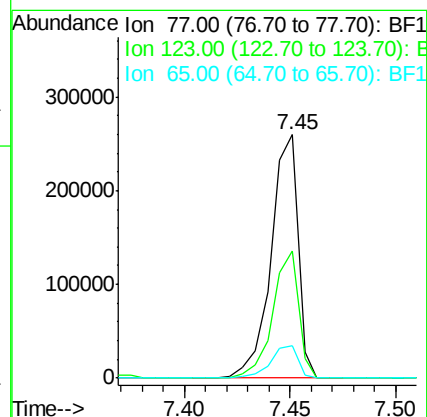
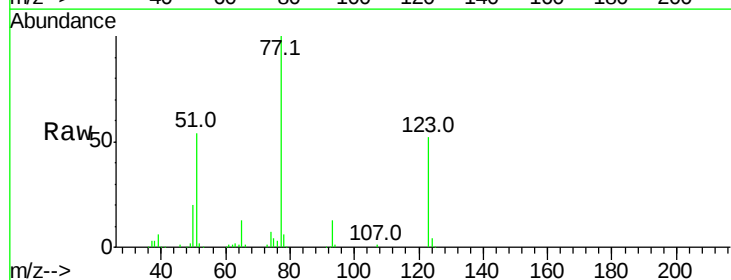
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 464438
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 51.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.594 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion: 77 Resp: 231848
 Ion Ratio Lower Upper
 77 100
 123 52.2 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 37.138 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

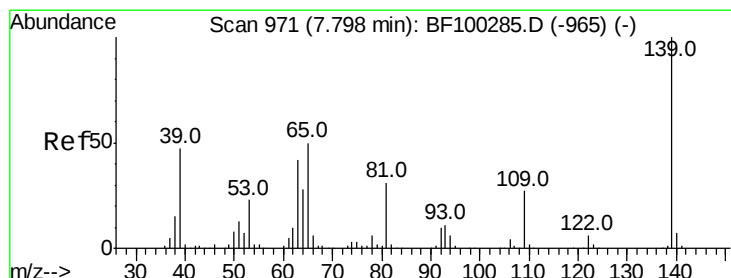
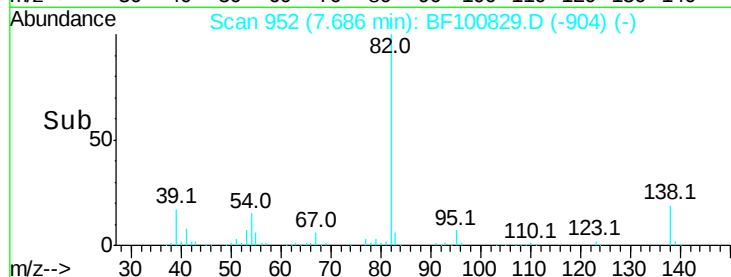
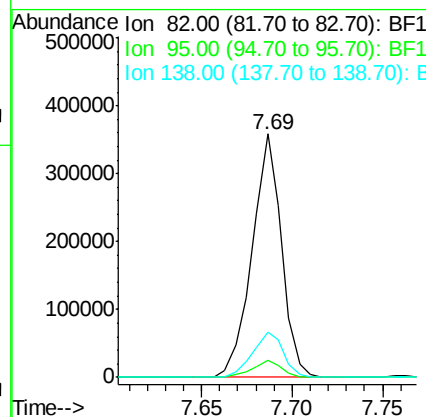
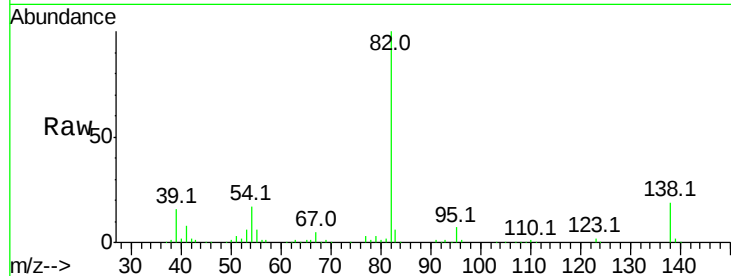
Tot Ion: 82 Resp: 403267

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 50.653 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

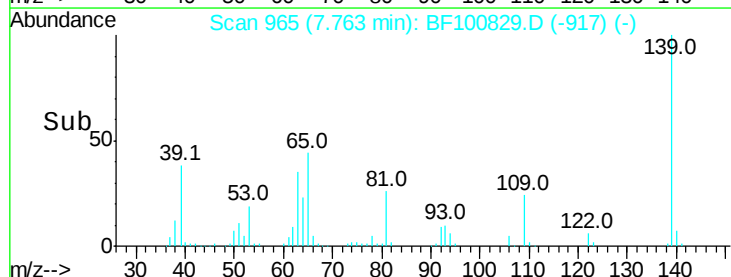
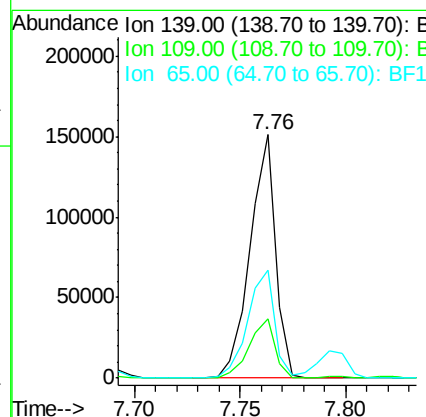
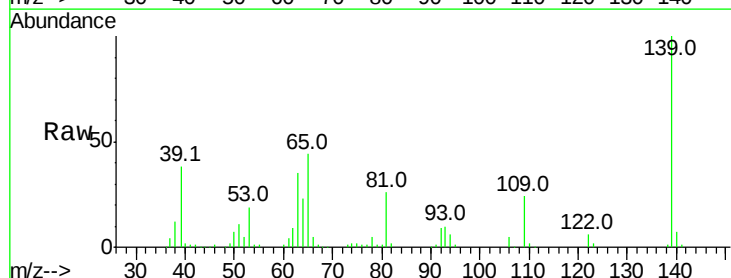
Tgt Ion: 139 Resp: 127142

Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

65 44.2 40.5 60.7

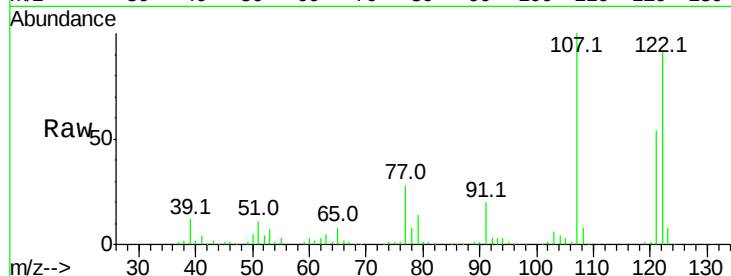




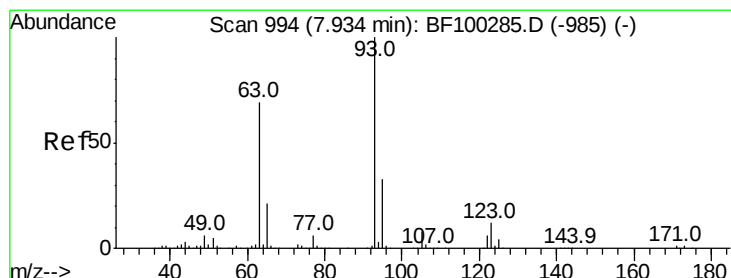
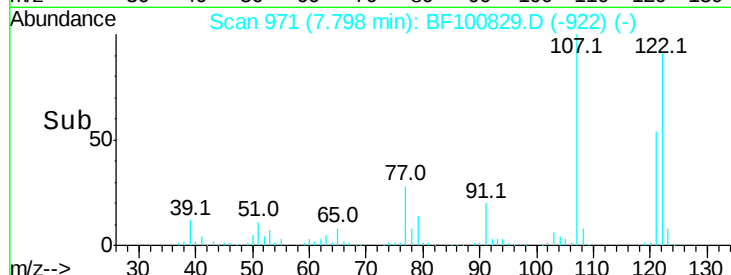
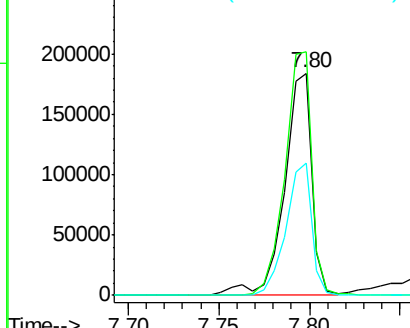
#27
2,4-Dimethylphenol
Concen: 40.037 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 194883
Ion Ratio Lower Upper
122 100
107 109.6 91.2 136.8
121 59.3 47.2 70.8

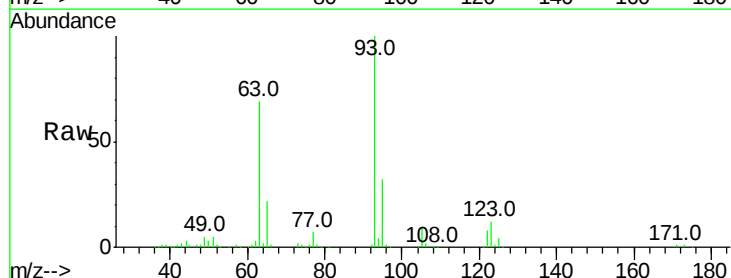


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

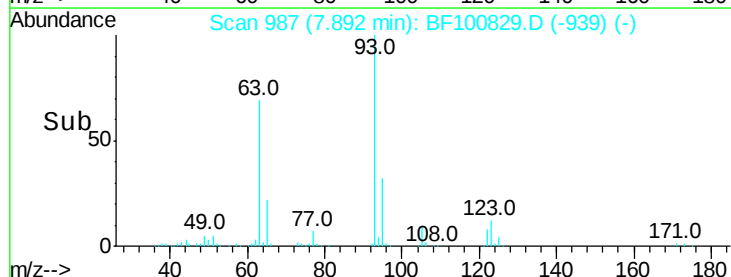
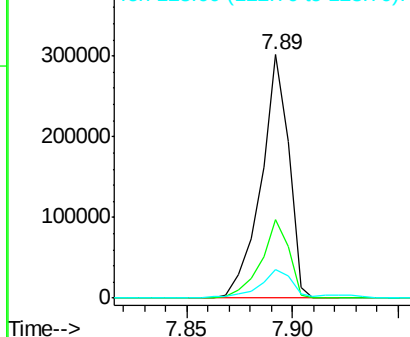


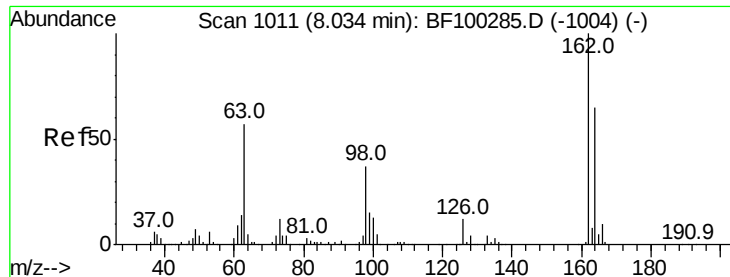
#28
bis(2-Chloroethoxy)methane
Concen: 38.804 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion: 93 Resp: 275613
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 11.8 9.8 14.6



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

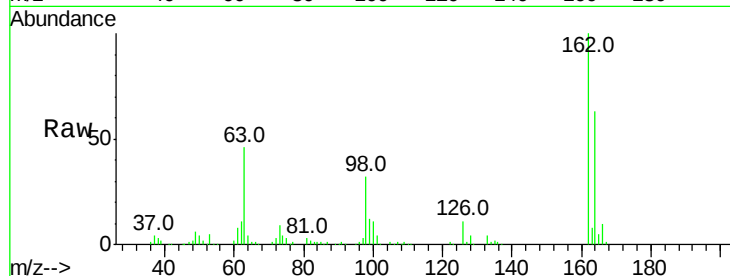




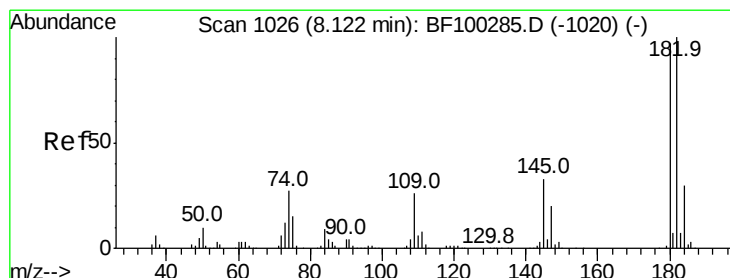
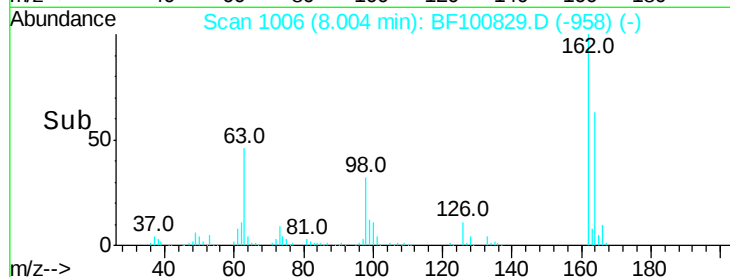
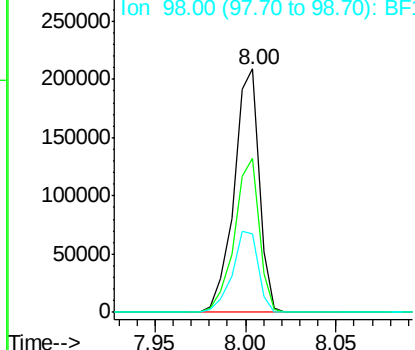
#29
2,4-Dichlorophenol
Concen: 43.541 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 202329
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 32.0 18.1 58.1

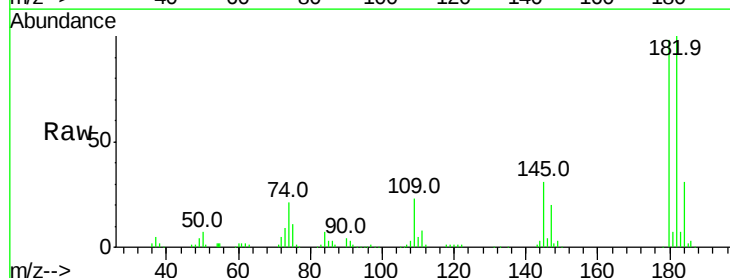


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

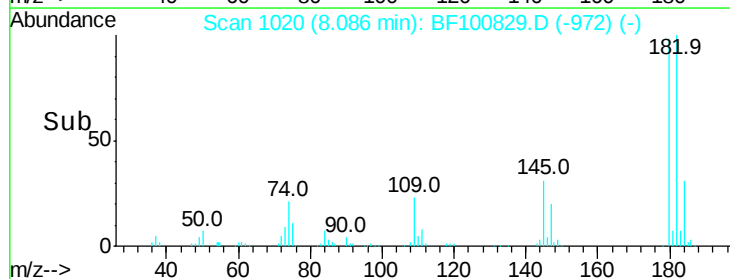
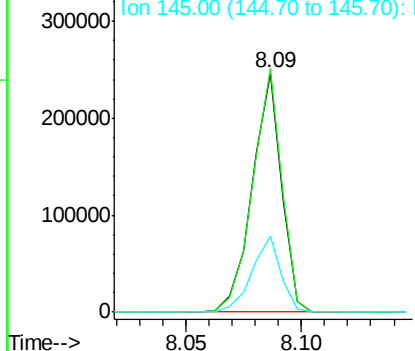


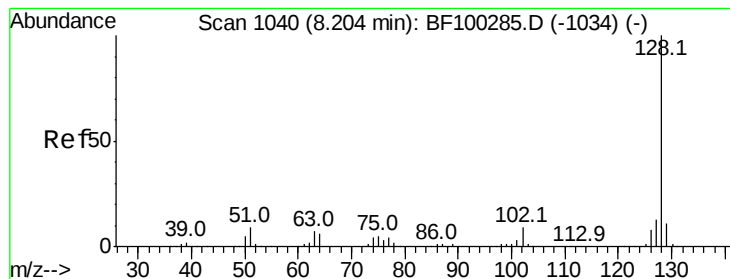
#30
1,2,4-Trichlorobenzene
Concen: 43.422 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:180 Resp: 218262
Ion Ratio Lower Upper
180 100
182 102.0 76.8 115.2
145 32.0 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: 41.117 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampled :

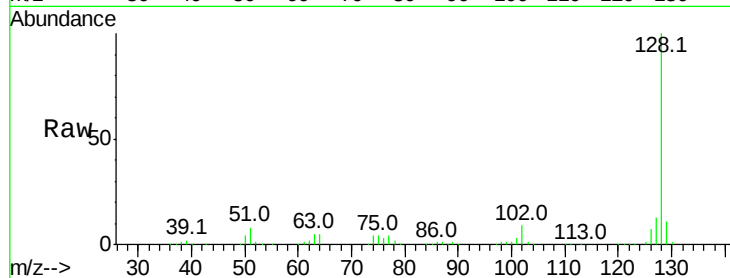
Tot Ion:128 Resp: 676550

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

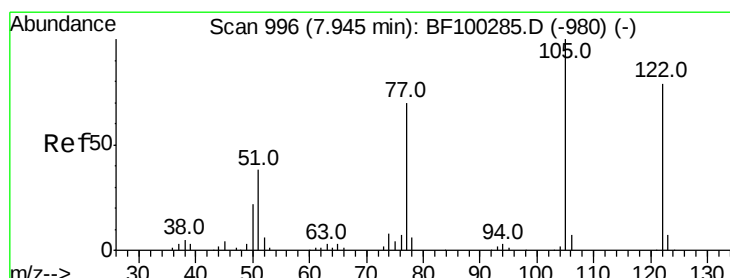
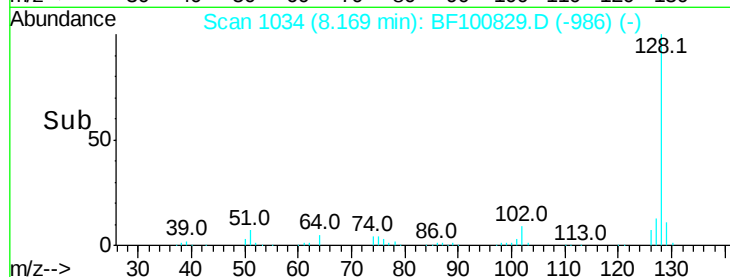
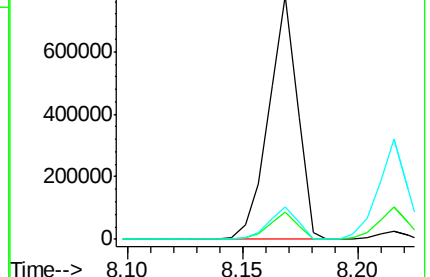
127 13.2 10.9 16.3



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: 46.886 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

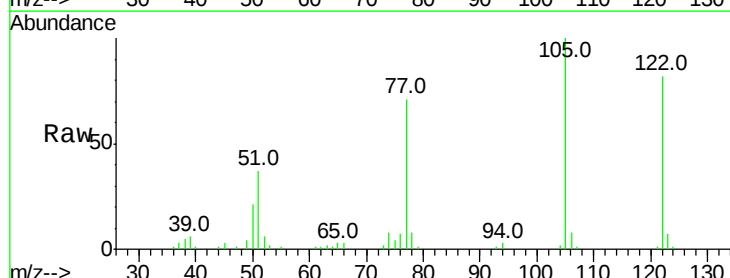
Tgt Ion:122 Resp: 173759

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

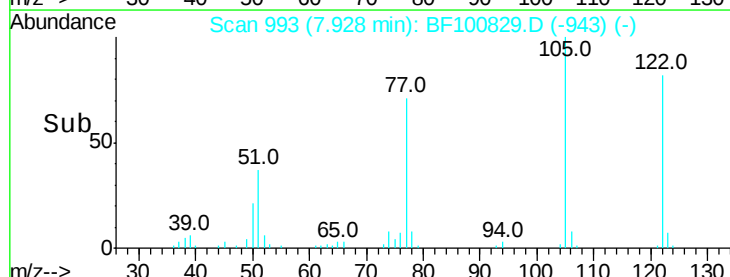
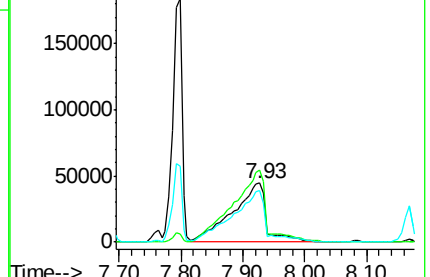
77 87.2 70.7 110.7

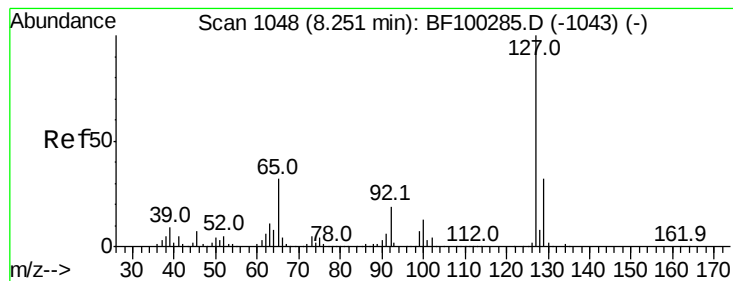


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.475 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 277220

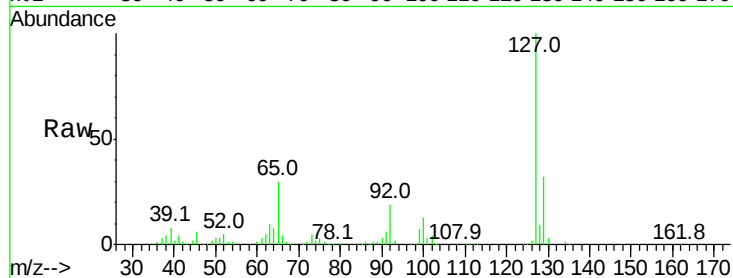
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 29.8 25.0 37.4

92 19.0 15.2 22.8

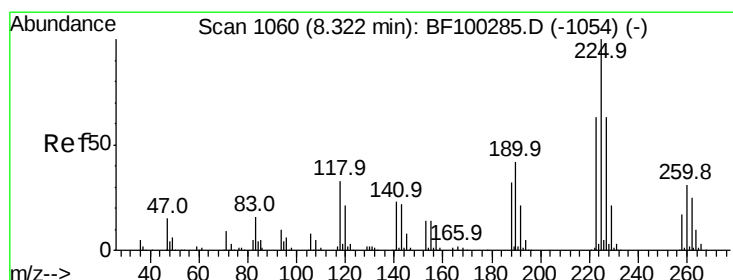
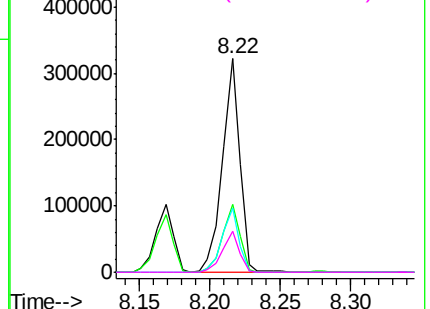
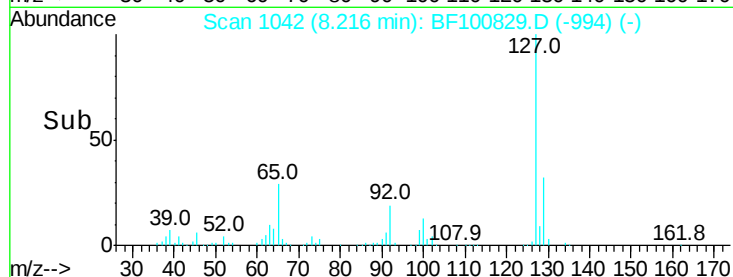


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.919 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

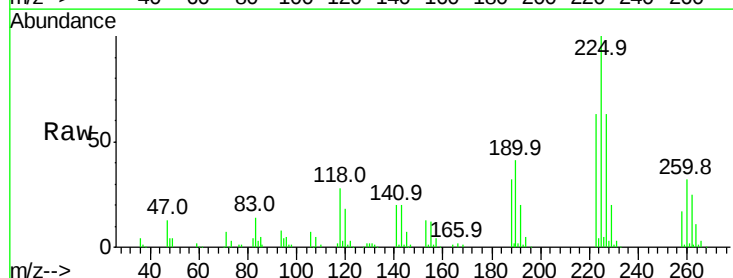
Tgt Ion:225 Resp: 131258

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

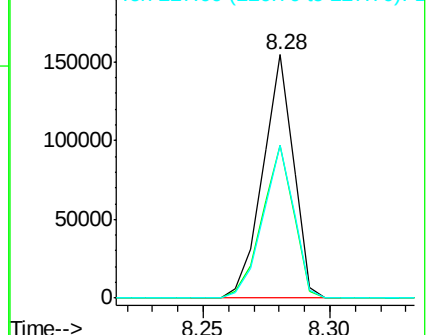
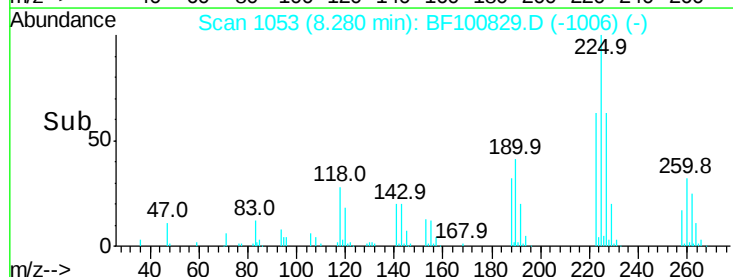
227 62.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

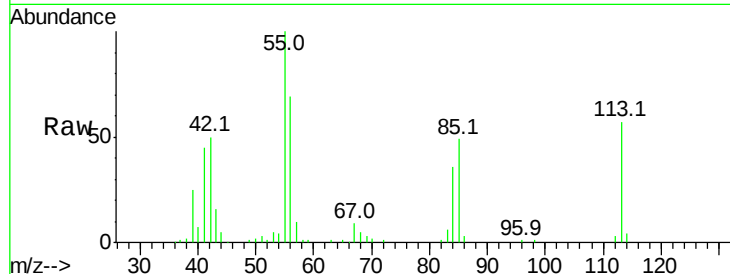




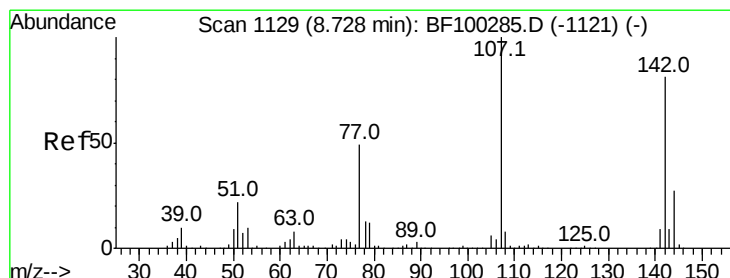
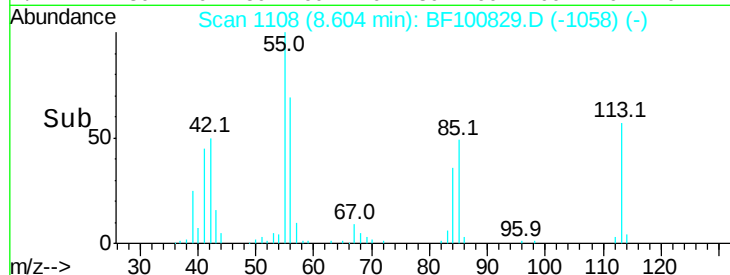
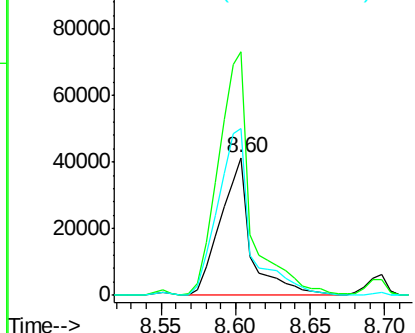
#35
 Caprolactam
 Concen: 37.751 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 60203
 Ion Ratio Lower Upper
 113 100
 55 176.6 163.3 203.3
 56 121.1 115.7 155.7

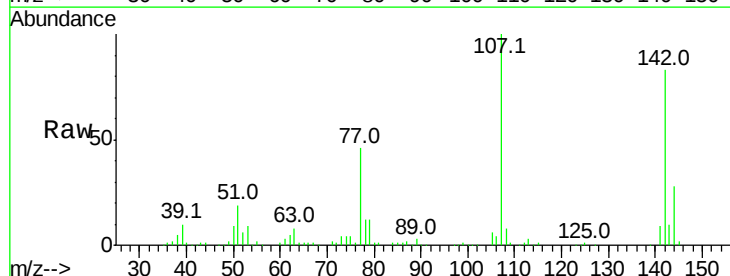


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

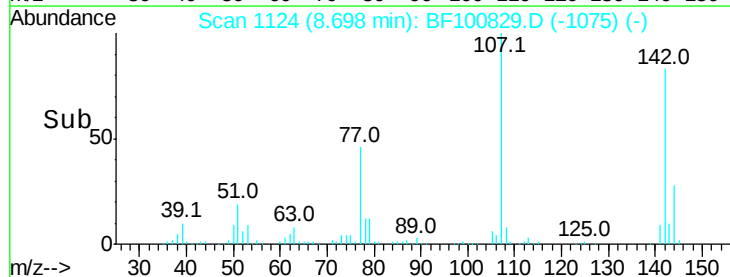
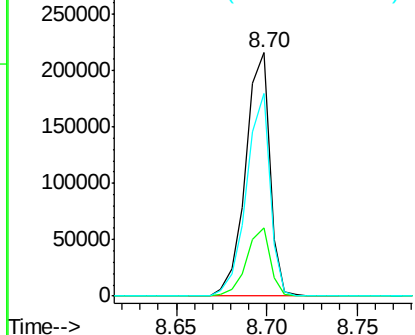


#36
 4-Chloro-3-methylphenol
 Concen: 40.275 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:107 Resp: 201001
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.5 30.7
 142 83.3 62.0 93.0



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

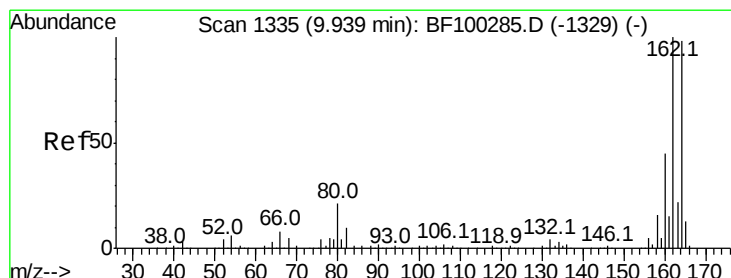
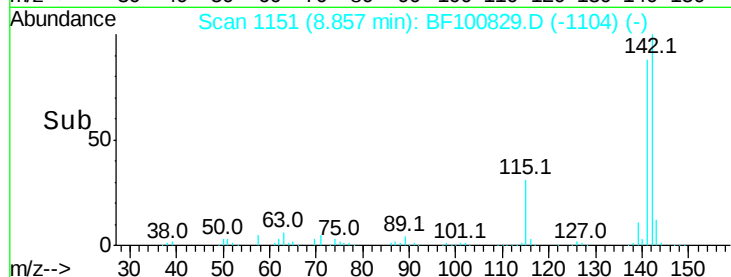
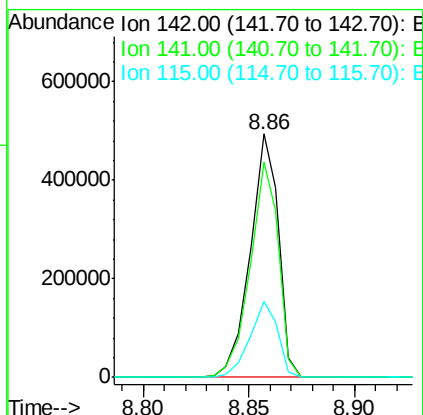
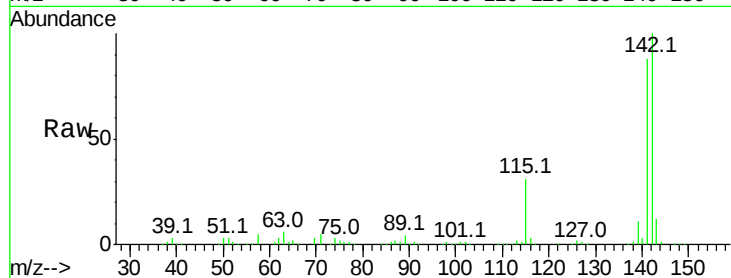




#37
2-Methylnaphthalene
Concen: 42.007 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

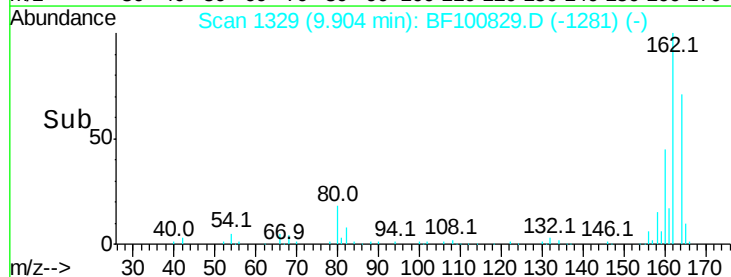
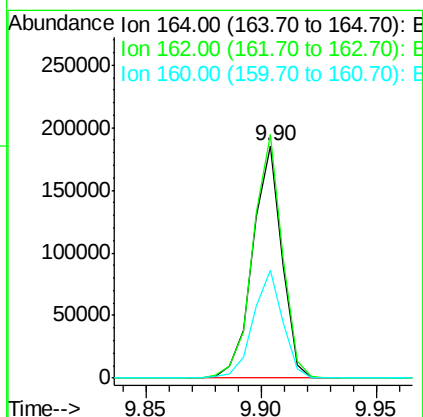
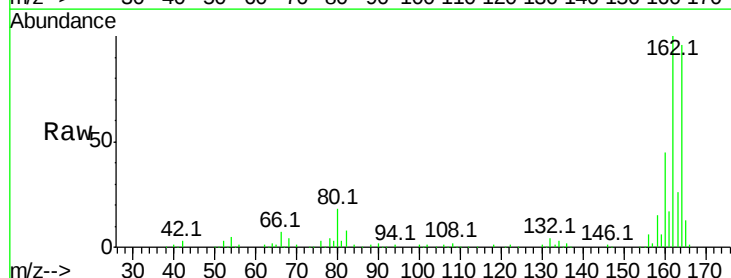
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 458885
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 31.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:164 Resp: 163674
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.936 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF100829.D

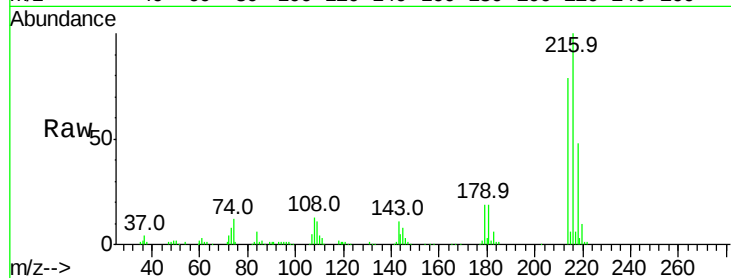
Acq: 22 Nov 2017 18:04

Instrument :

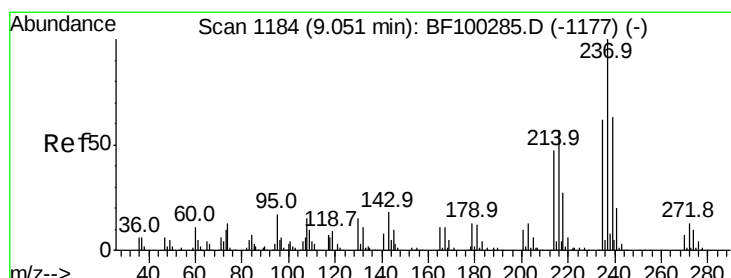
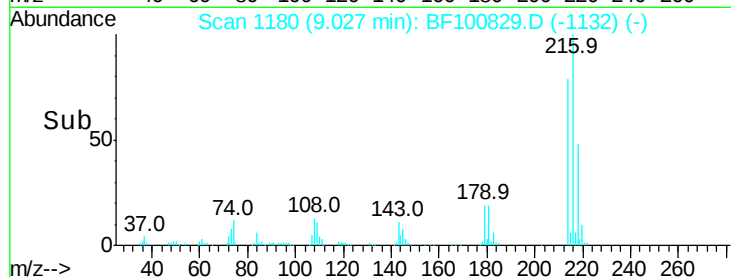
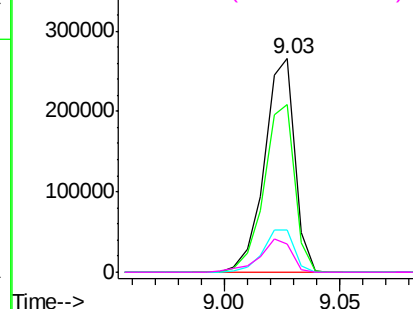
BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	243924
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.5	18.1	27.1
108	16.4	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: 38.475 ng

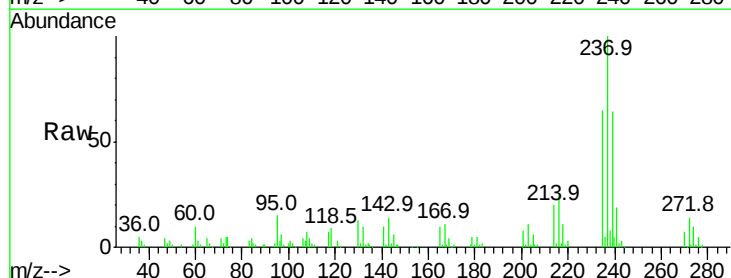
RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

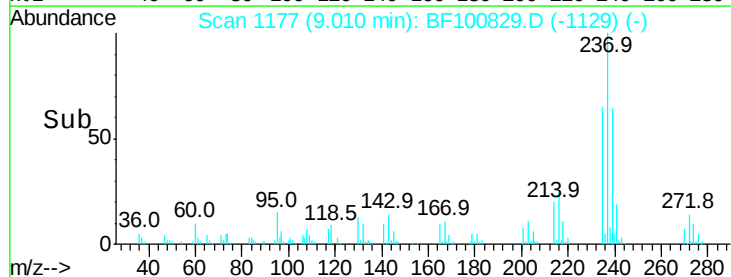
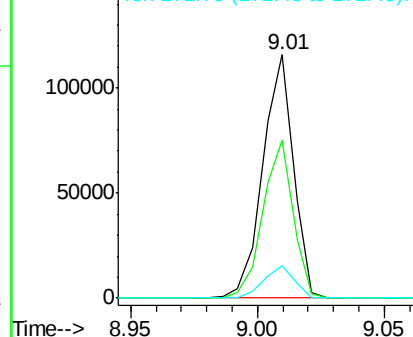
Lab File: BF100829.D

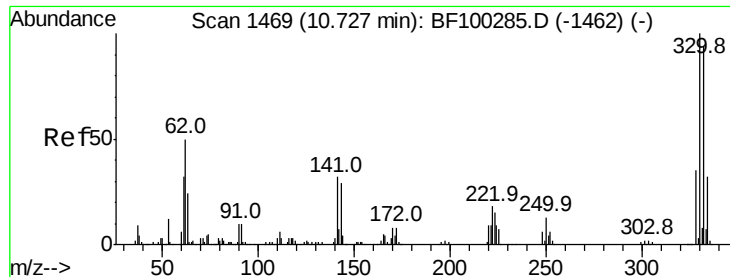
Acq: 22 Nov 2017 18:04

Tgt Ion:	237	Resp:	98295
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.5	0.0	33.3



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

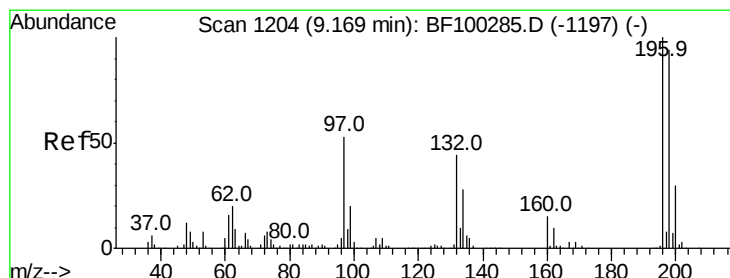
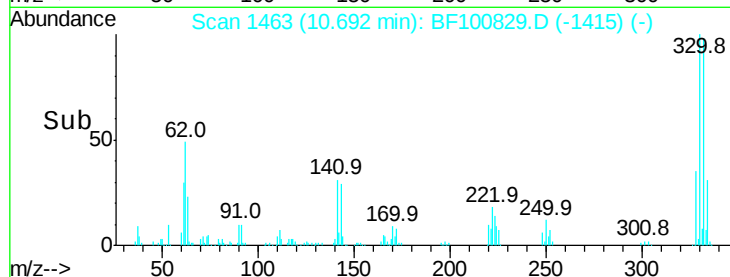
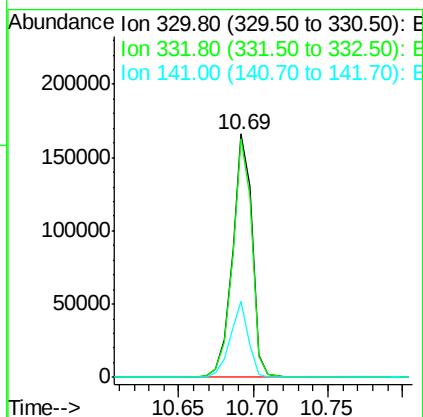
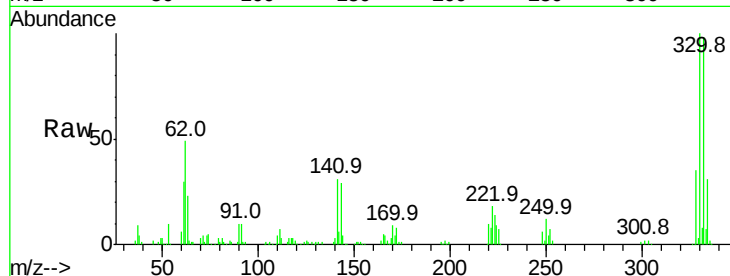




#41
 2,4,6-Tribromophenol
 Concen: 92.313 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

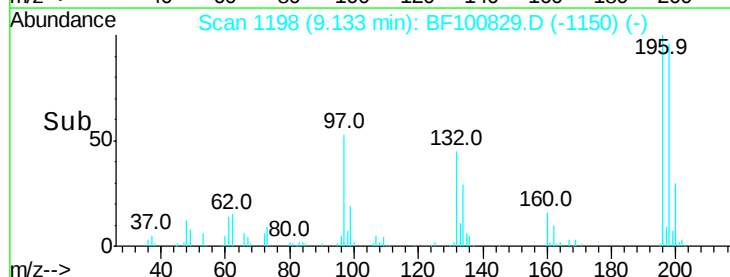
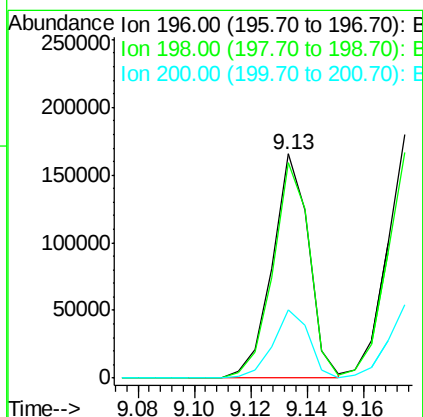
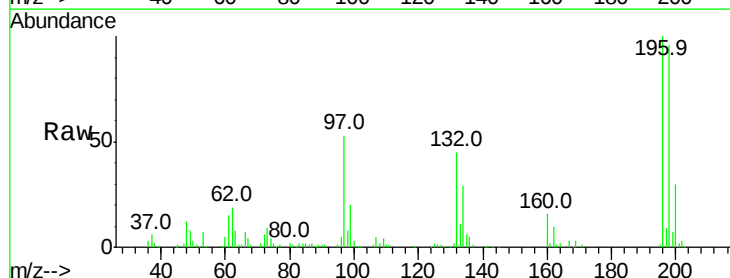
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.3	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.152 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	30.2	24.5	36.7

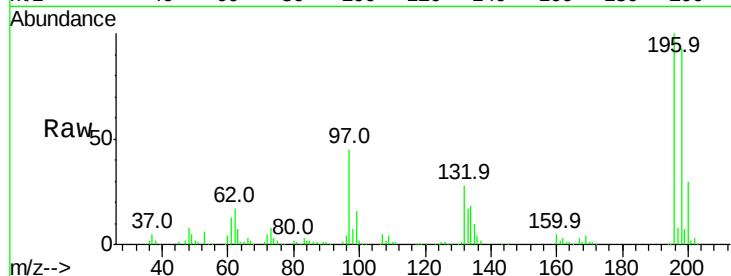




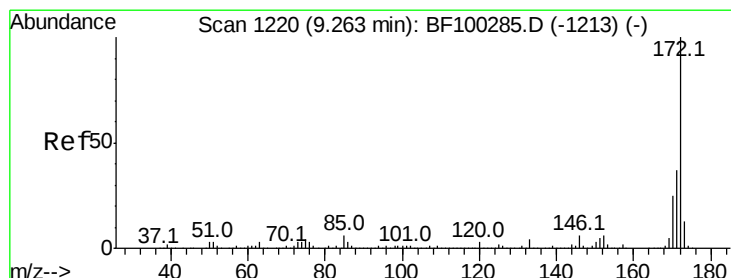
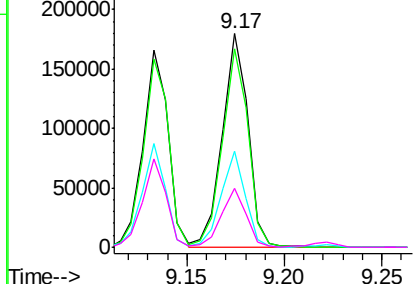
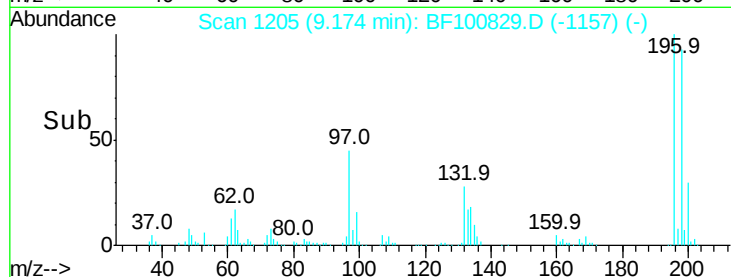
#43
 2,4,5-Trichlorophenol
 Concen: 46.187 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	164633
Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.6	112.0
97	44.7	42.9	64.3
132	27.5	26.3	39.5

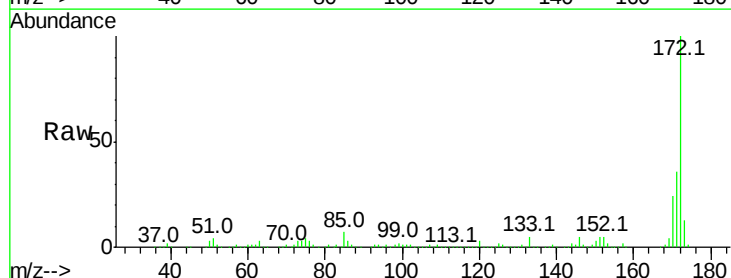


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

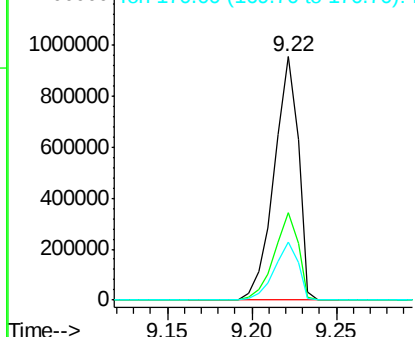
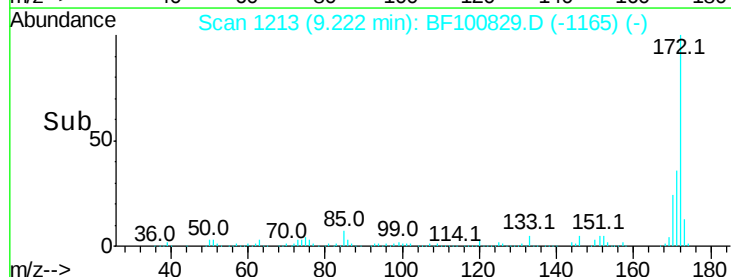


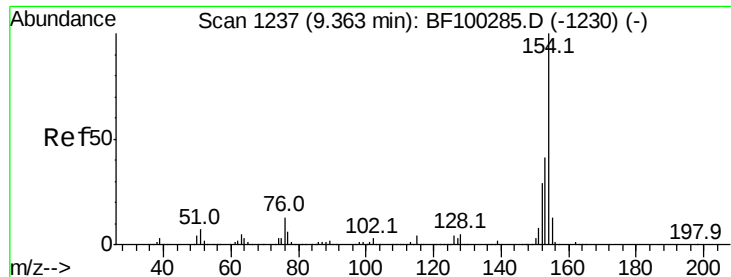
#44
 2-Fluorobiphenyl
 Concen: 88.467 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:	172	Resp:	950920
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



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

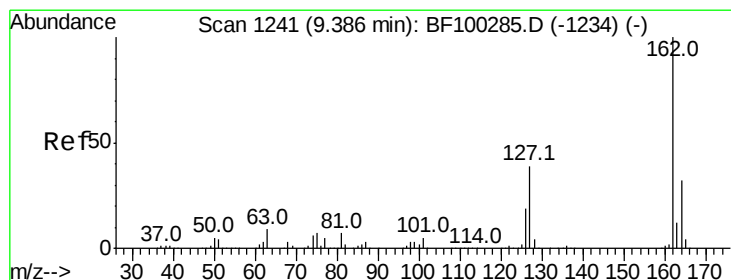
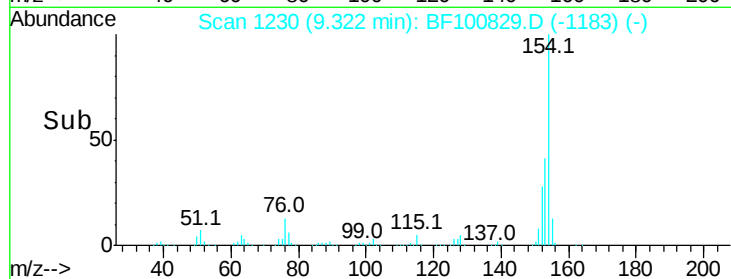
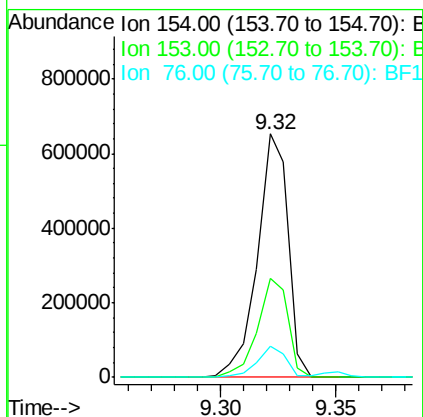
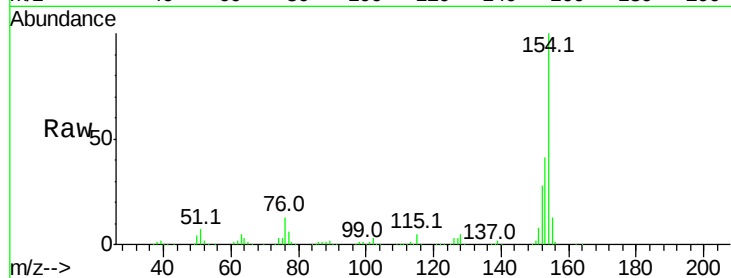




#45
 1,1'-Biphenyl
 Concen: 42.670 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

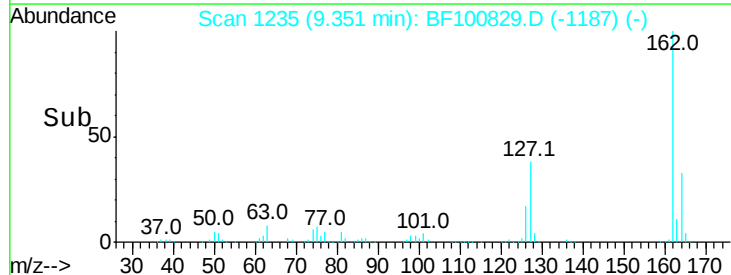
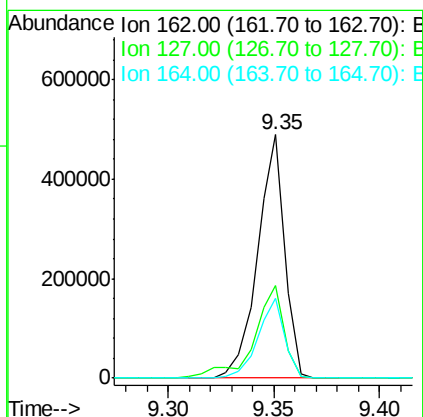
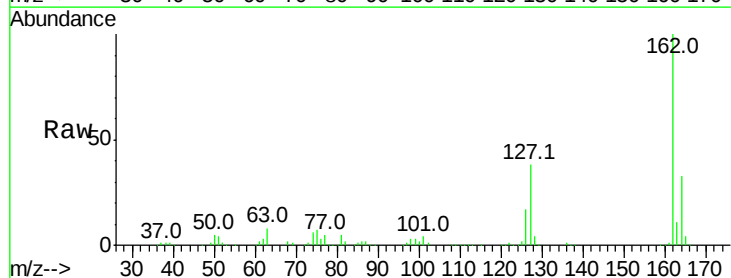
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 42.302 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.9	50.9
164	32.9	26.5	39.7

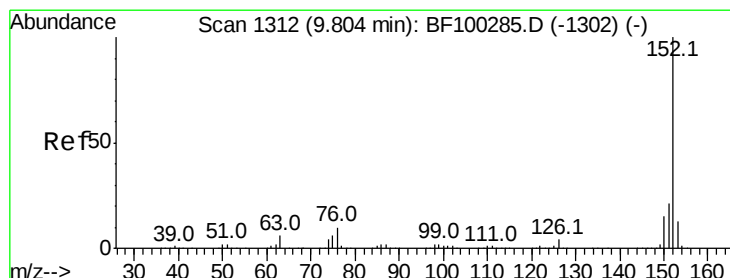
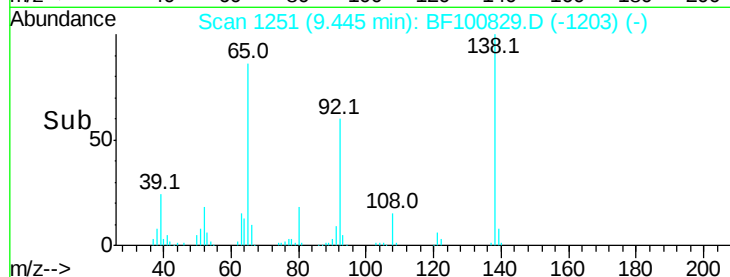
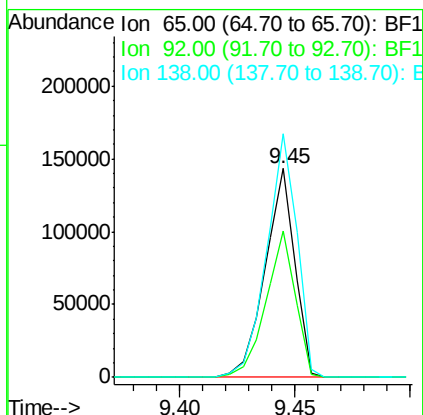
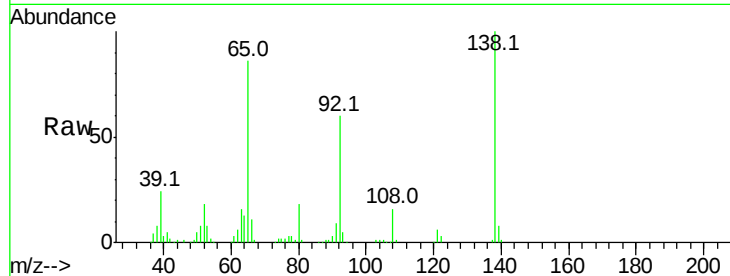




#47
2-Nitroaniline
Concen: 42.567 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

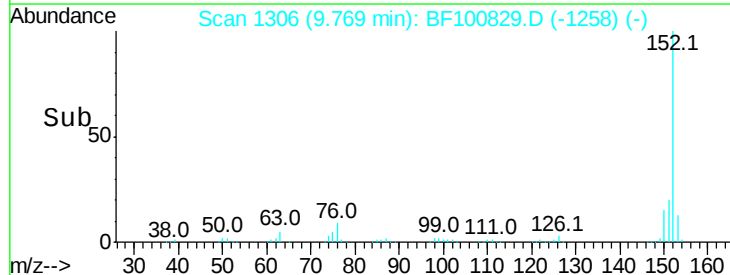
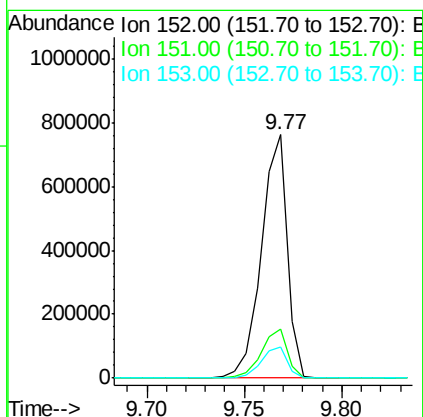
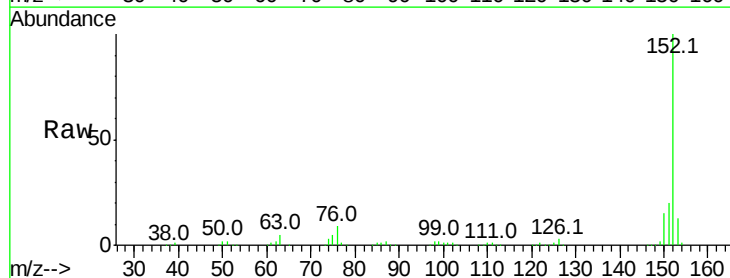
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 128156
Ion Ratio Lower Upper
65 100
92 70.5 55.8 83.6
138 116.8 91.2 136.8



#48
Acenaphthylene
Concen: 41.043 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion: 152 Resp: 698534
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.0 10.7 16.1

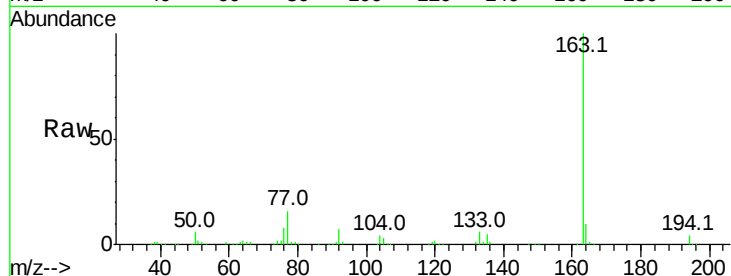




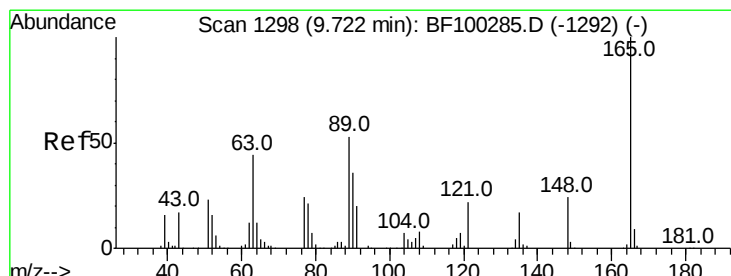
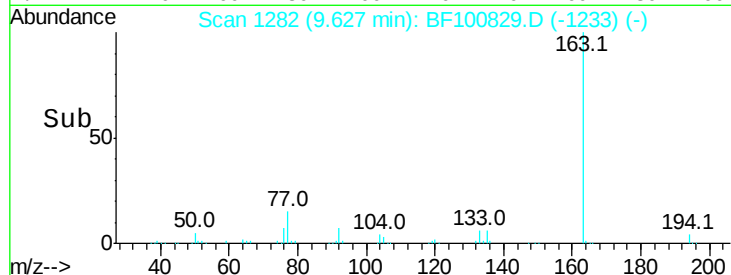
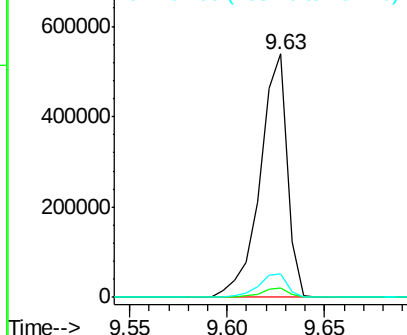
#49
Dimethylphthalate
Concen: 41.572 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 519512
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2

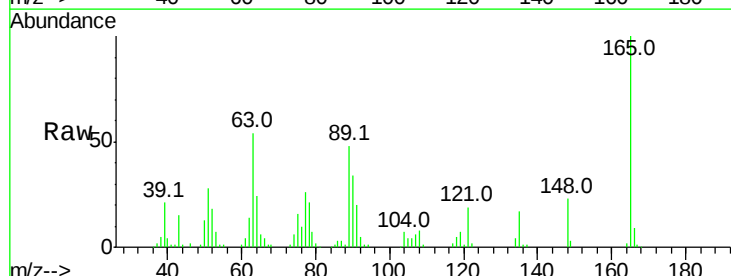


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

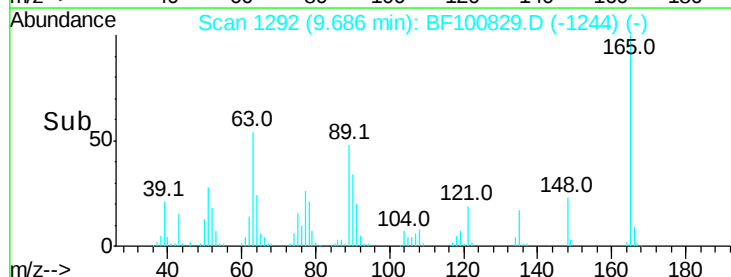
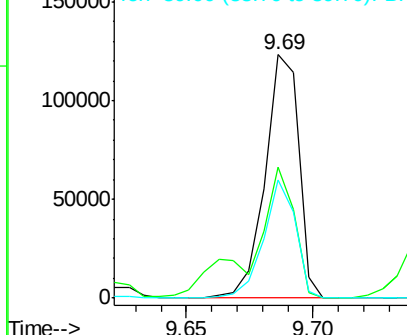


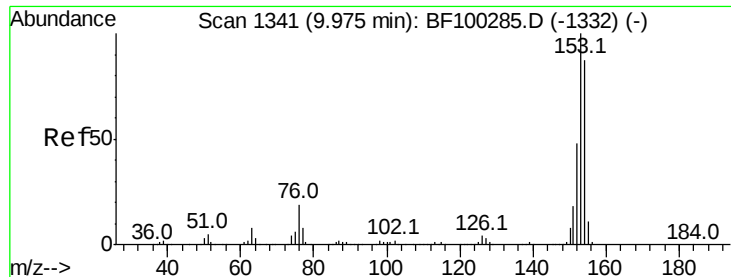
#50
2,6-Dinitrotoluene
Concen: 45.991 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:165 Resp: 113765
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 48.4 44.0 66.0



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





#51

Acenaphthene

Concen: 39.977 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

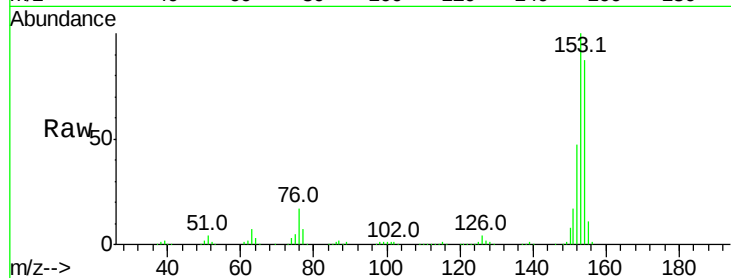
Tot Ion:154 Resp: 413796

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

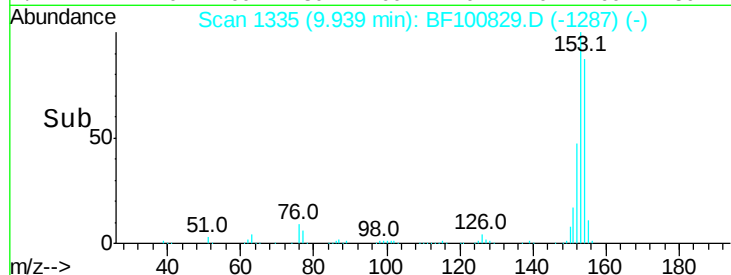
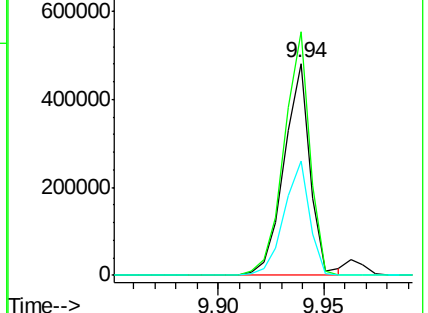
152 54.1 43.8 65.8



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: 44.188 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

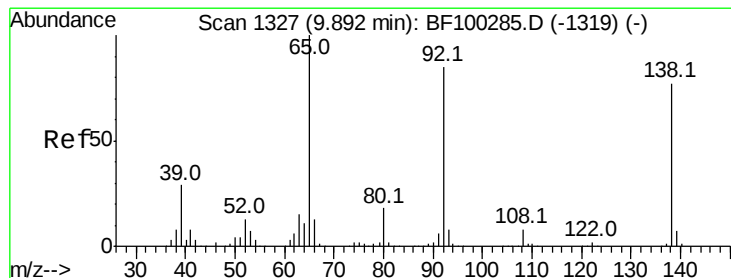
Tgt Ion:138 Resp: 129075

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

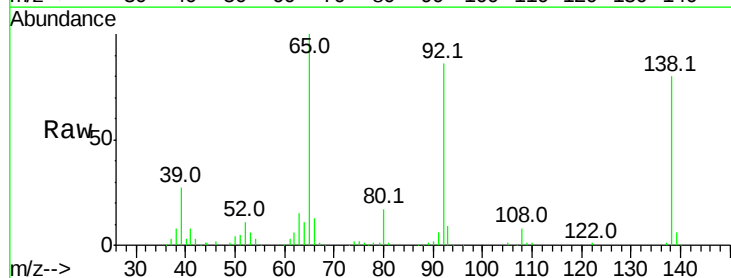
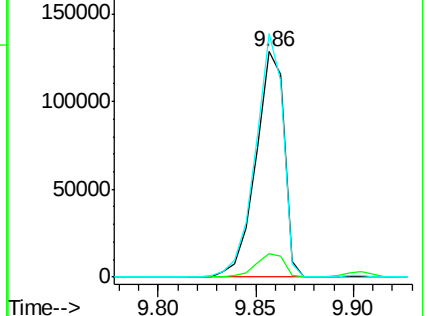
92 108.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

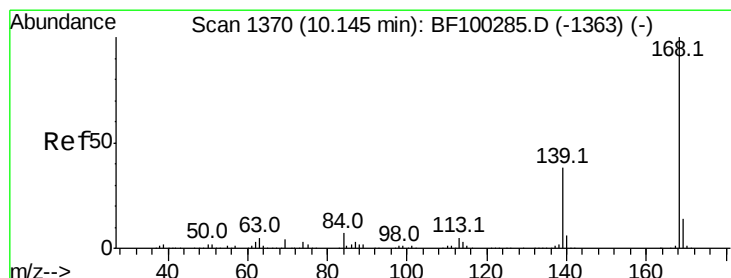
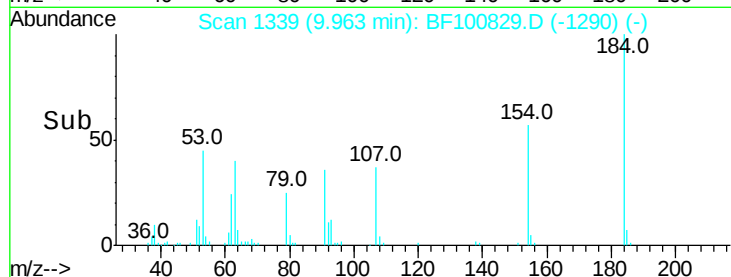
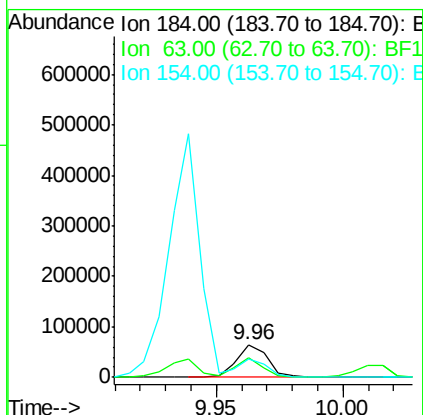
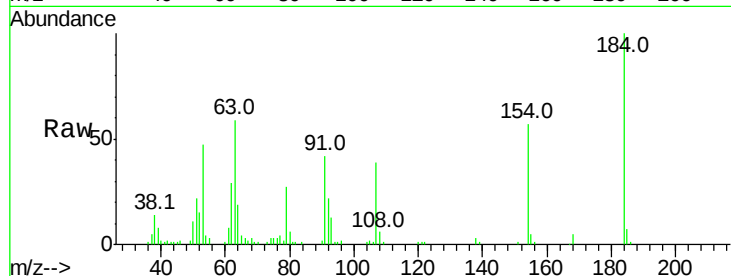




#53
2,4-Dinitrophenol
Concen: 59.475 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

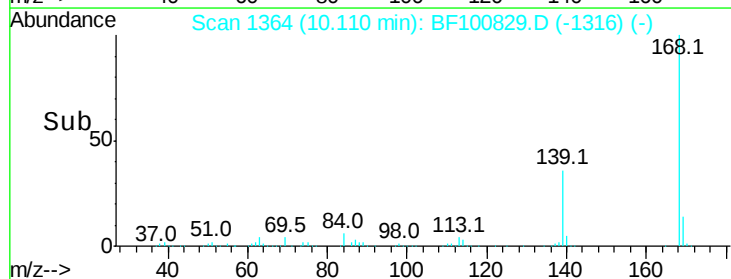
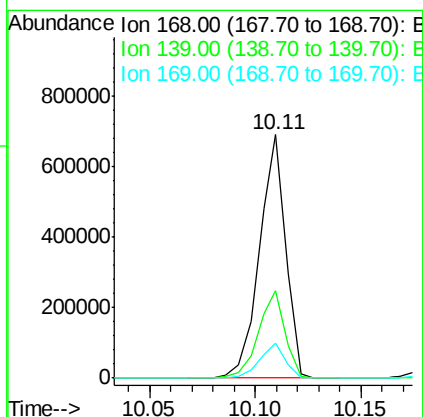
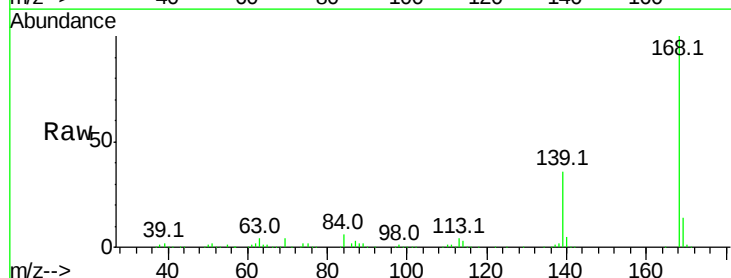
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 55809
Ion Ratio Lower Upper
184 100
63 58.8 54.2 81.2
154 56.7 184.0 276.0#



#54
Dibenzofuran
Concen: 41.050 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:168 Resp: 595527
Ion Ratio Lower Upper
168 100
139 36.0 30.1 45.1
169 14.2 10.9 16.3

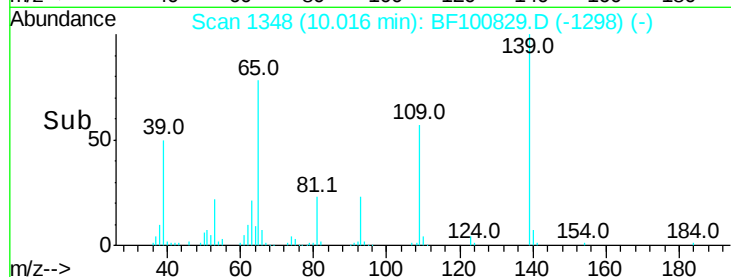
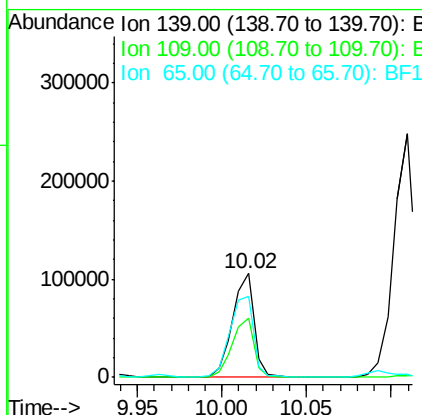
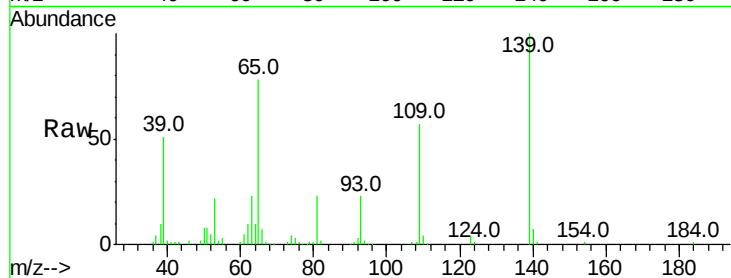




#55
4-Nitrophenol
Concen: 39.907 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

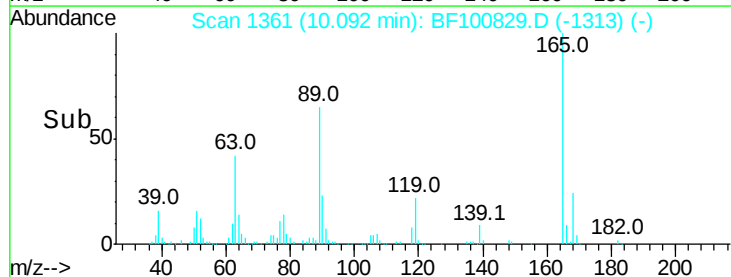
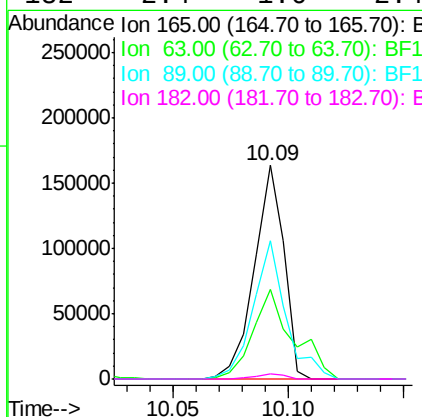
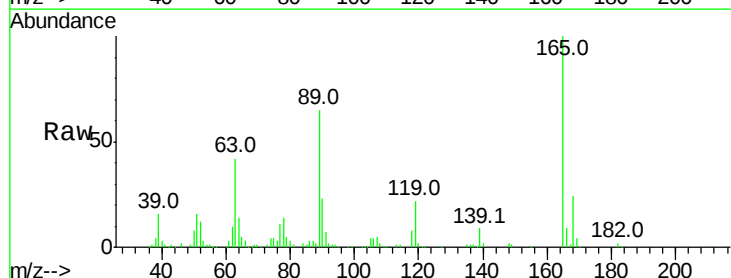
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 94652
Ion Ratio Lower Upper
139 100
109 57.2 48.4 88.4
65 78.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.080 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:165 Resp: 146917
Ion Ratio Lower Upper
165 100
63 42.0 36.4 54.6
89 64.7 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 44.252 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

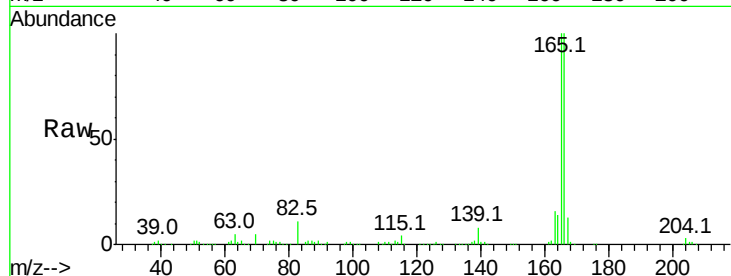
Tot Ion:166 Resp: 470293

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

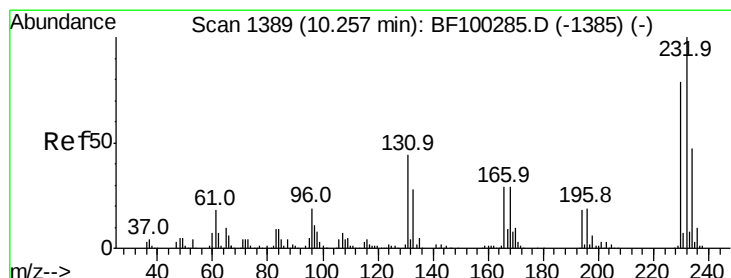
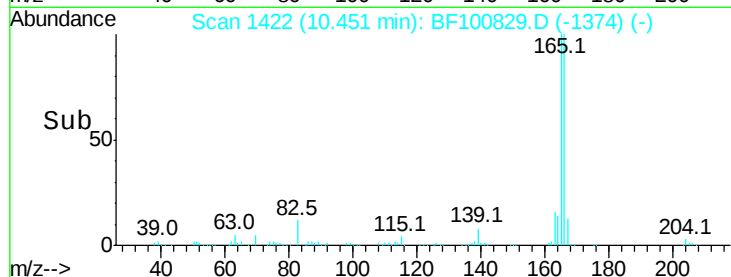
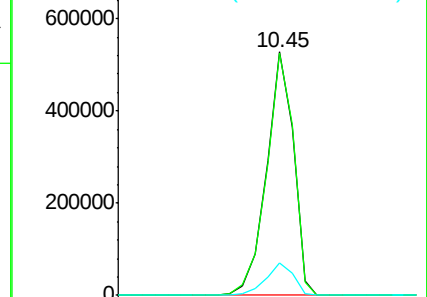
167 13.5 10.6 16.0



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: 42.283 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Tgt Ion:232 Resp: 123523

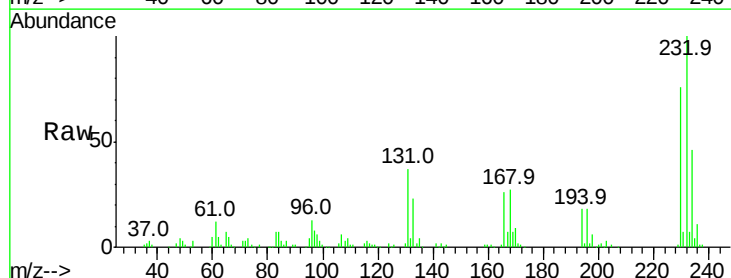
Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

130 1.8 2.1 3.1#

166 29.1 27.8 41.6

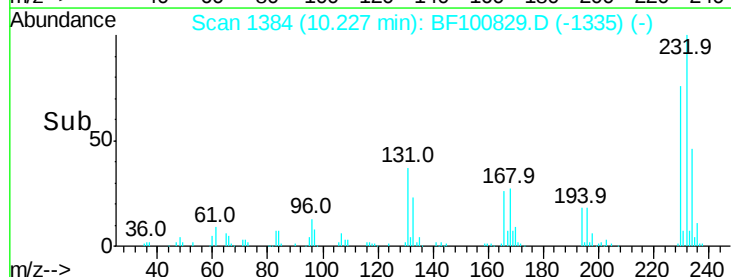
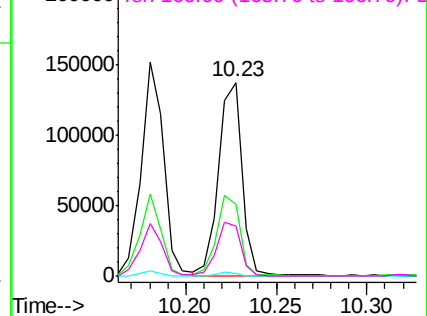


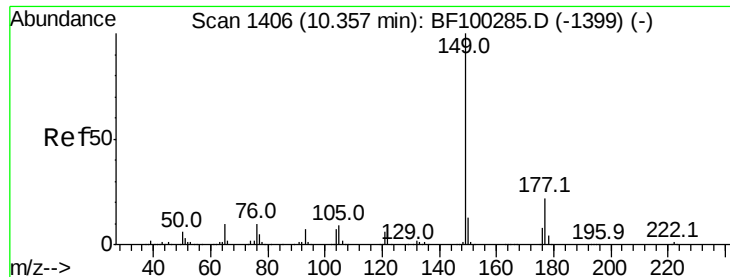
Abundance Ion 232.00 (231.70 to 232.70): E

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

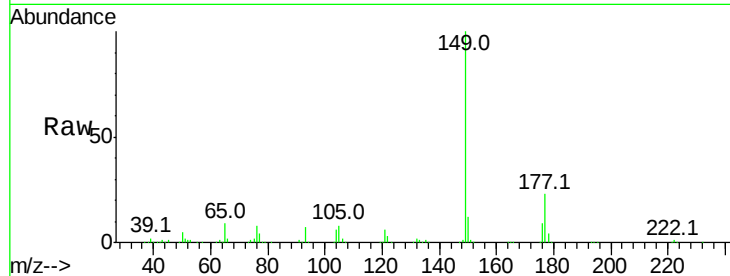




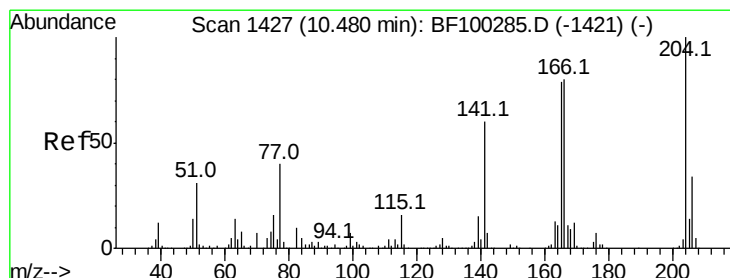
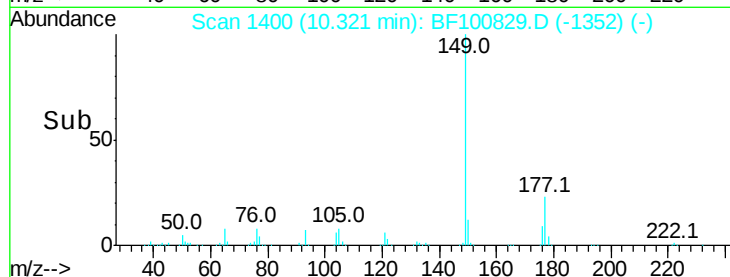
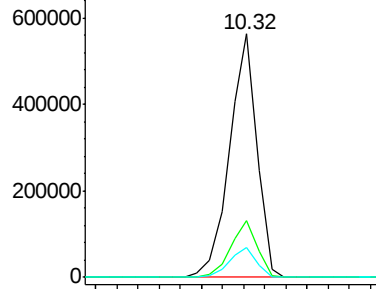
#59
Diethylphthalate
Concen: 40.693 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 508897
Ion Ratio Lower Upper
149 100
177 23.1 16.1 24.1
150 12.3 10.1 15.1

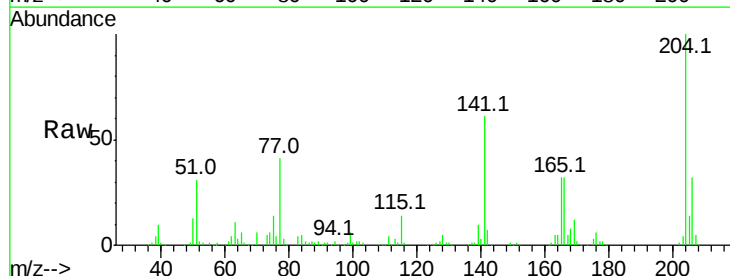


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

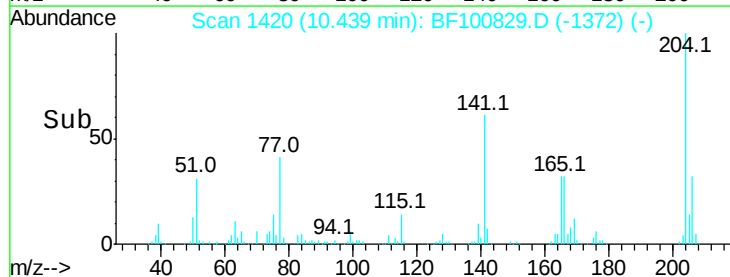
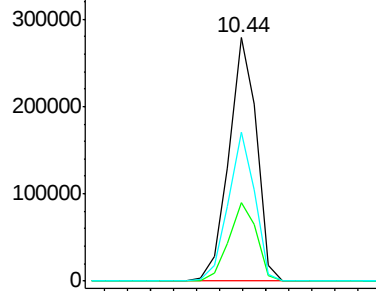


#60
4-Chlorophenyl-phenylether
Concen: 44.761 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:204 Resp: 233361
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 61.2 54.6 81.8



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





#61

4-Nitroaniline

Concen: 45.604 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampled :

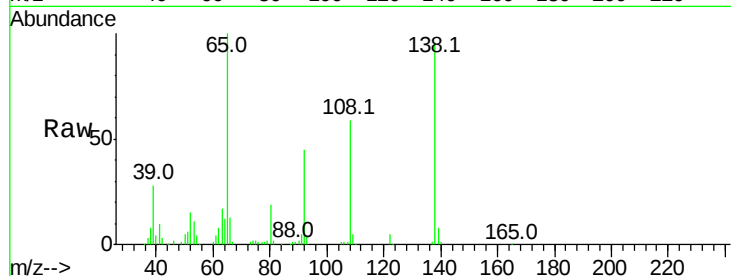
Tot Ion:138 Resp: 126312

Ion Ratio Lower Upper

138 100

92 46.8 30.2 70.2

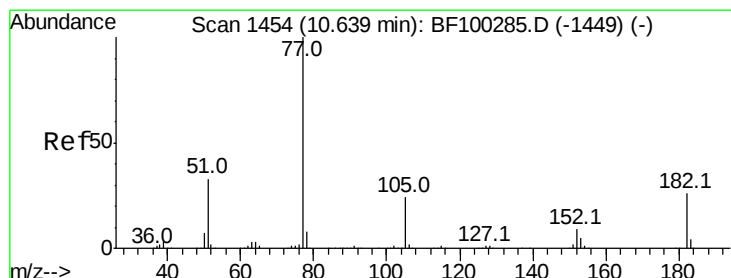
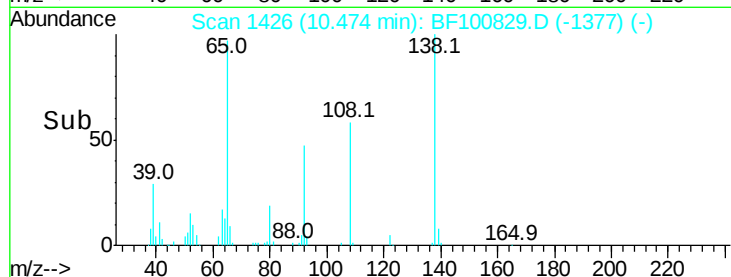
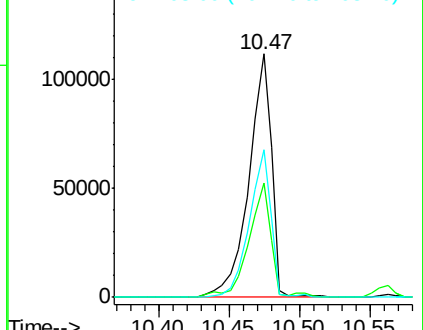
108 60.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.443 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Tgt Ion: 77 Resp: 441017

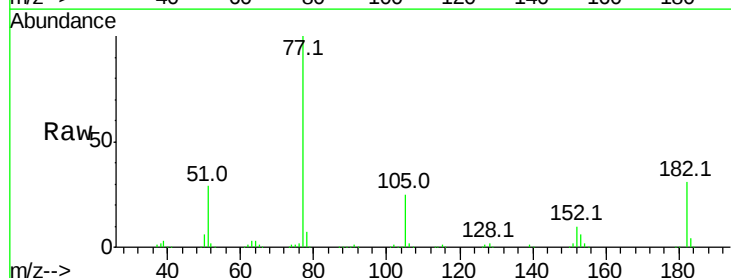
Ion Ratio Lower Upper

77 100

182 31.1 1.7 41.7

105 24.7 3.0 43.0

51 29.1 9.9 49.9

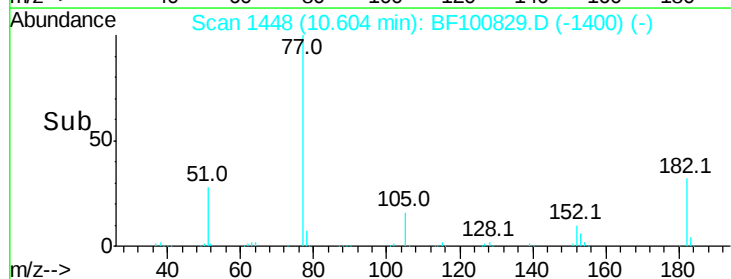
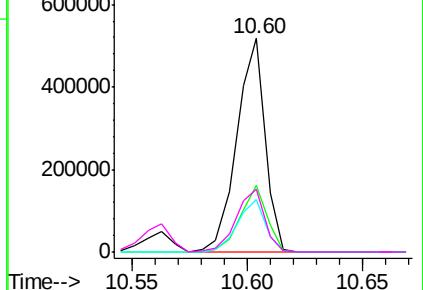


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

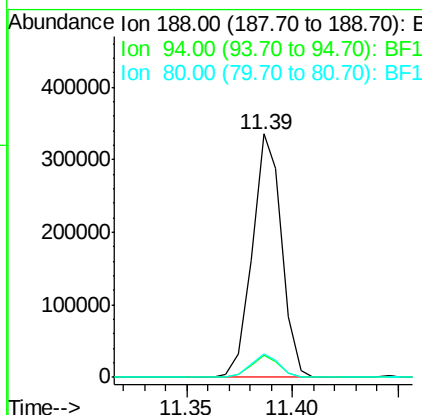
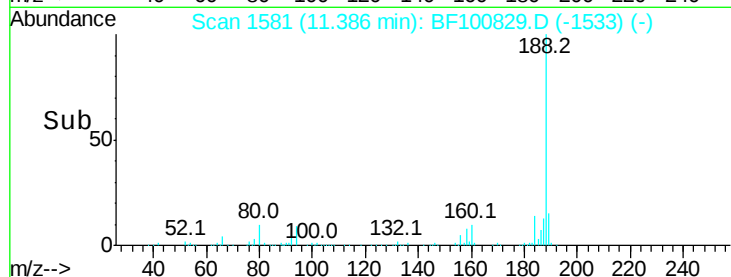
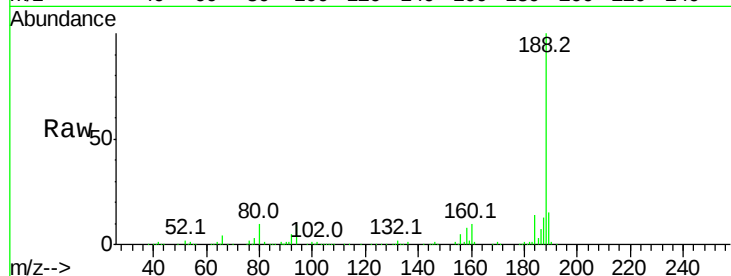




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

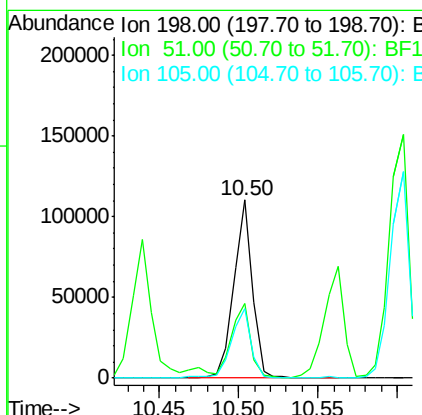
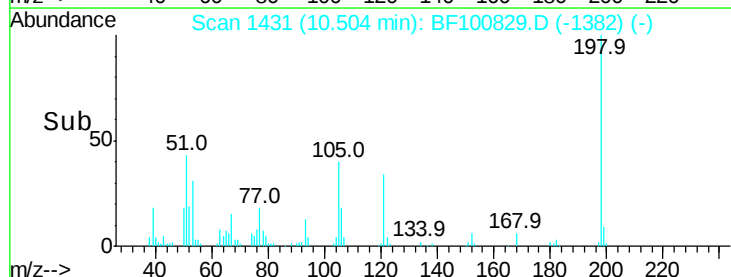
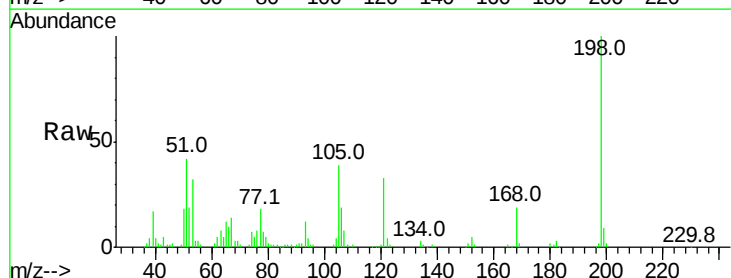
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 322679
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 54.134 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:198 Resp: 90371
Ion Ratio Lower Upper
198 100
51 42.2 37.7 77.7
105 39.3 36.3 76.3

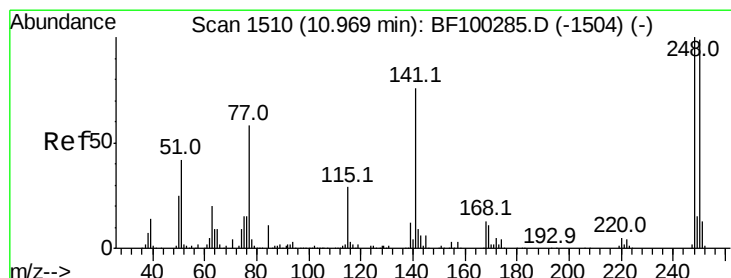
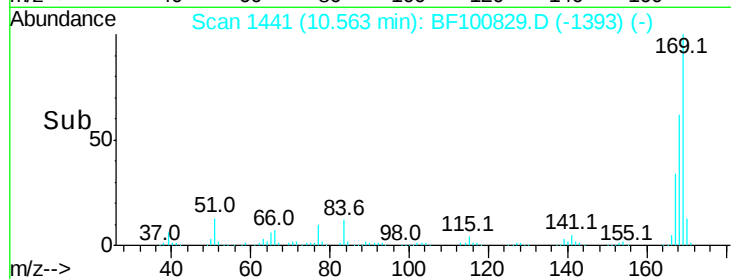
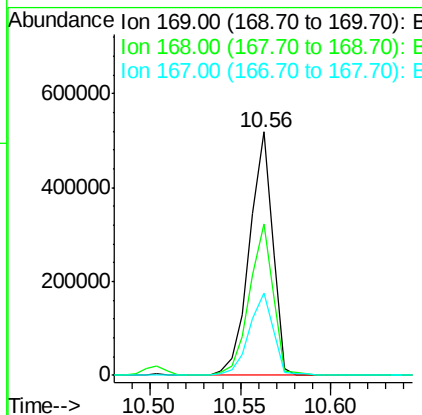
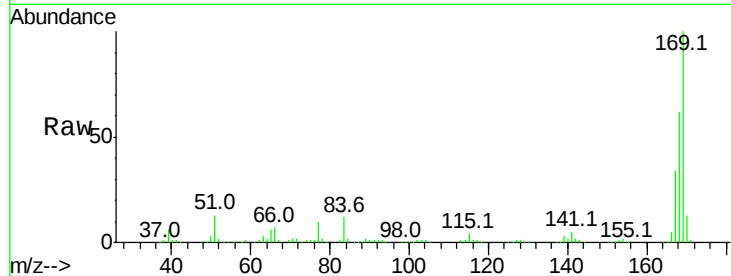




#65
 n-Nitrosodiphenylamine
 Concen: 41.222 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

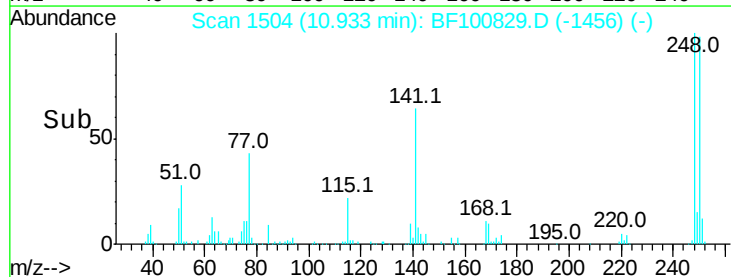
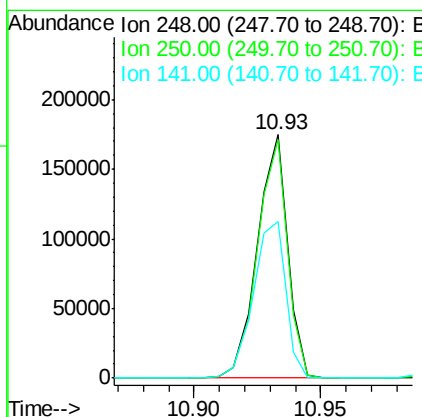
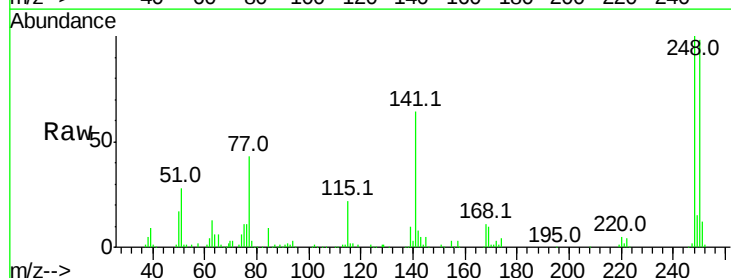
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.3	54.4	81.6
167	34.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.383 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	64.1	74.4	111.6#





#67

Hexachlorobenzene

Concen: 42.417 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

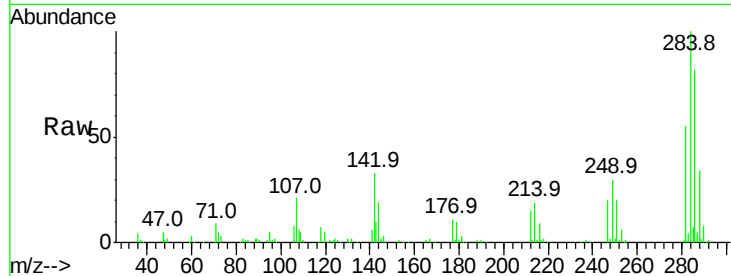
Tot Ion:284 Resp: 153454

Ion Ratio Lower Upper

284 100

142 33.5 34.6 52.0#

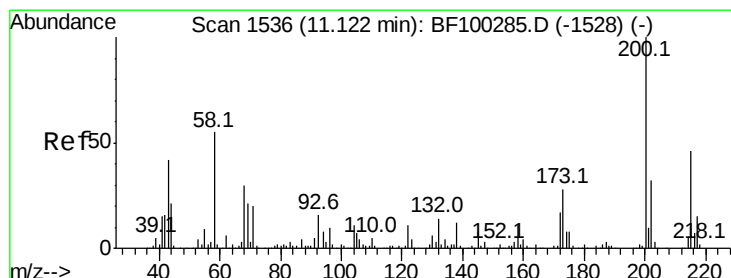
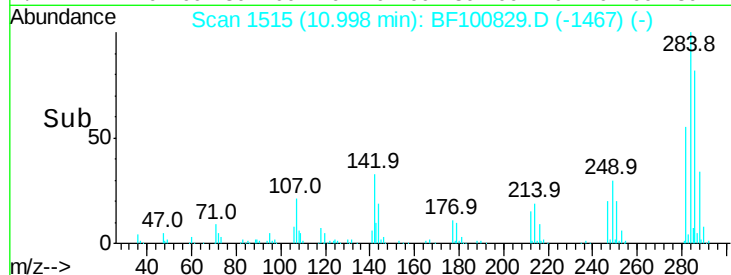
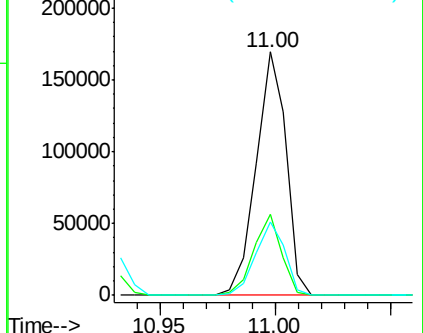
249 30.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.384 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

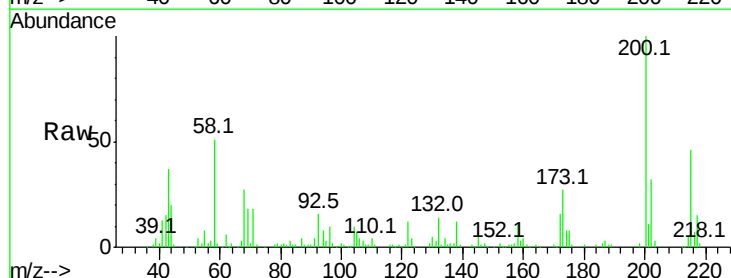
Tgt Ion:200 Resp: 143947

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

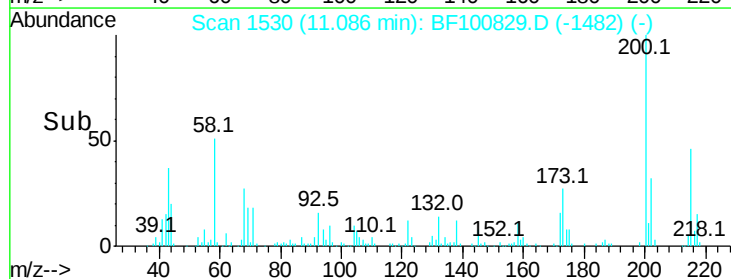
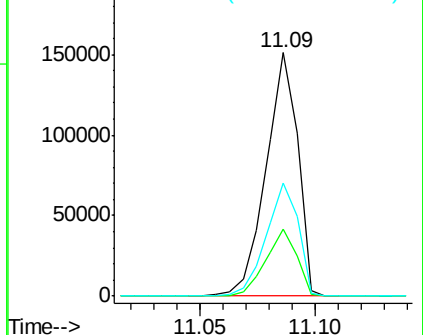
215 46.2 25.1 65.1

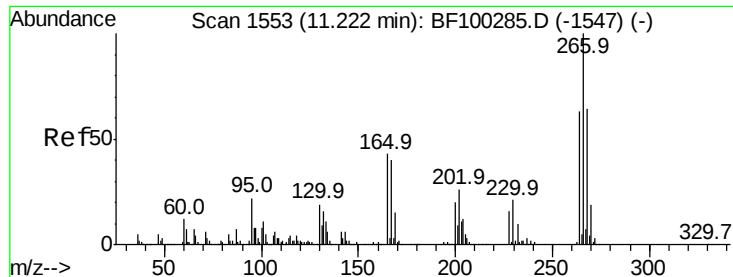


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

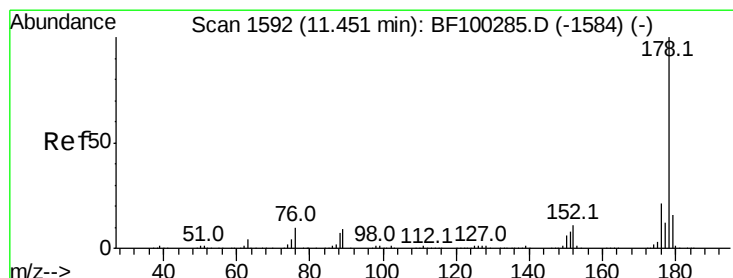
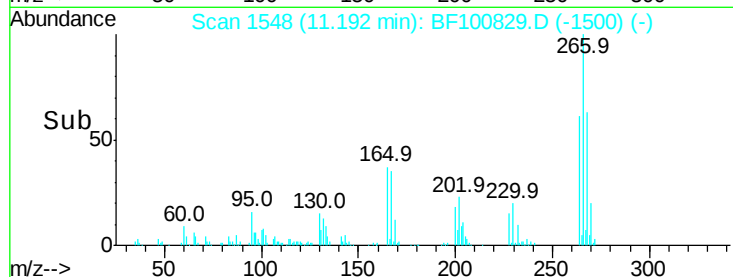
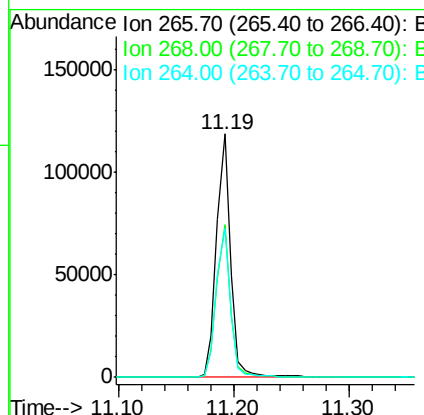
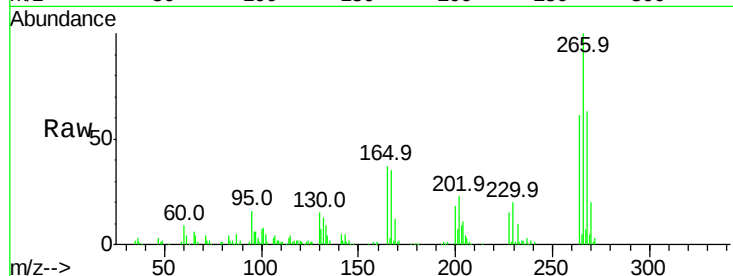




#69
 Pentachlorophenol
 Concen: 39.203 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

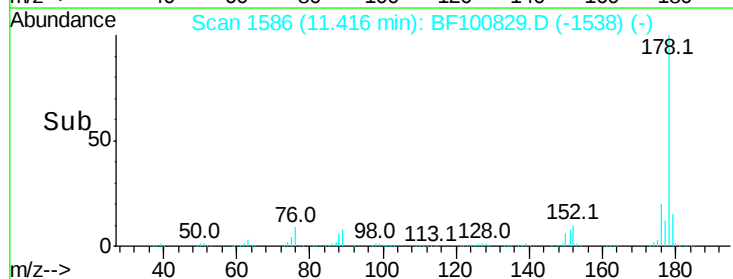
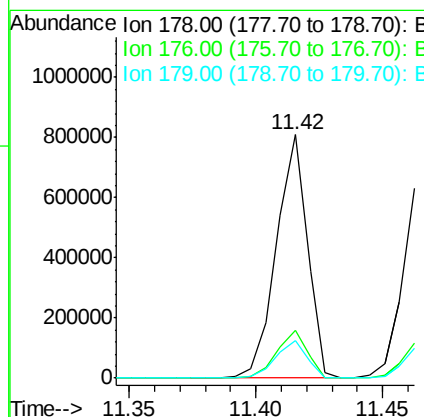
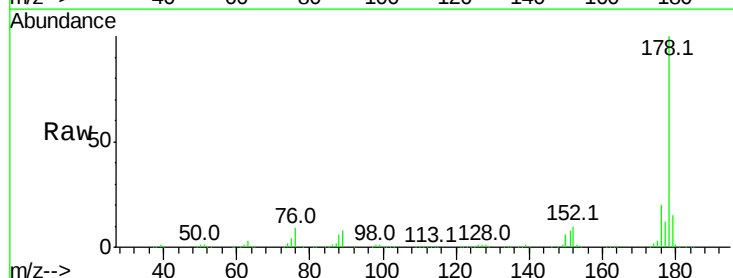
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 101699
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 40.465 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:178 Resp: 687476
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 13.0 19.6

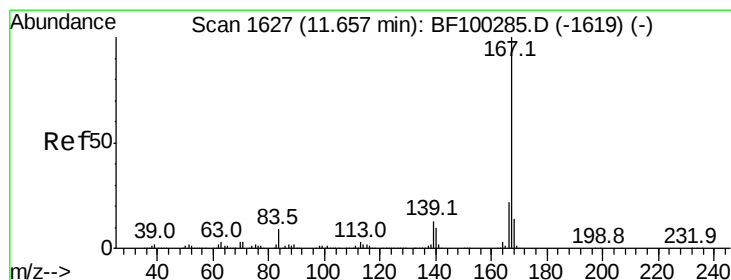
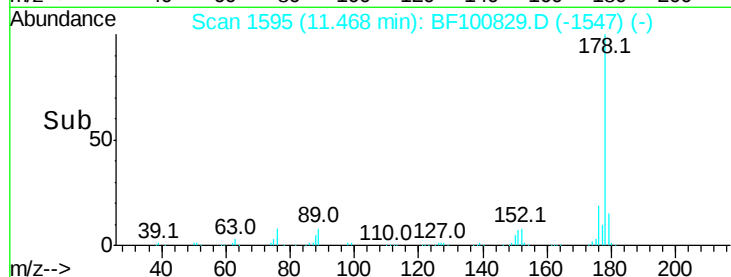
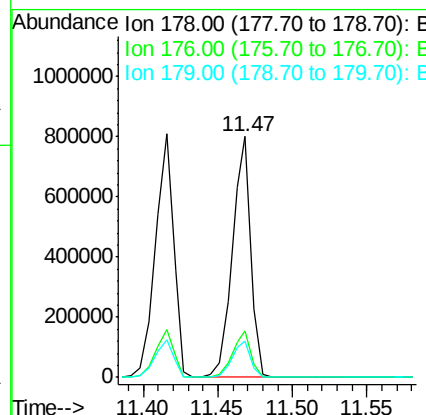
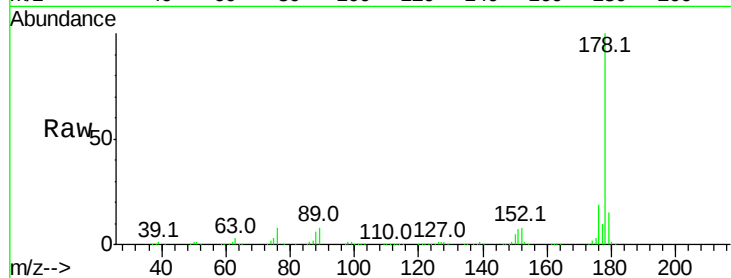




#71
 Anthracene
 Concen: 40.689 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

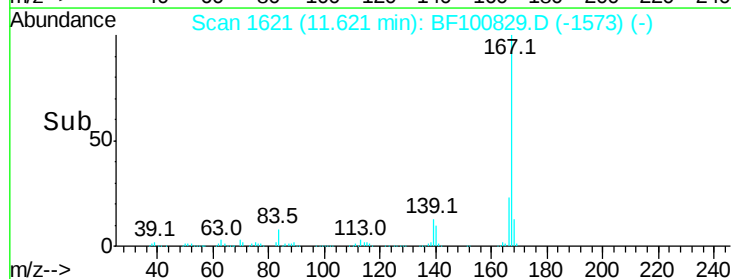
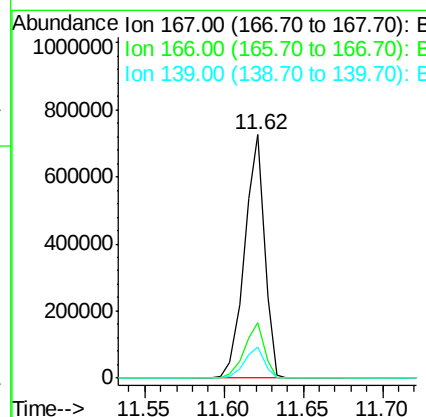
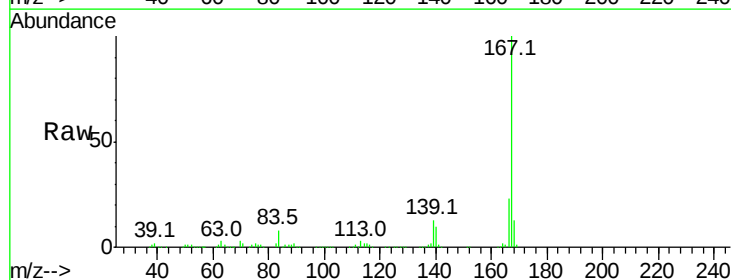
Instrument :
 BNA_F
 ClientSampled :

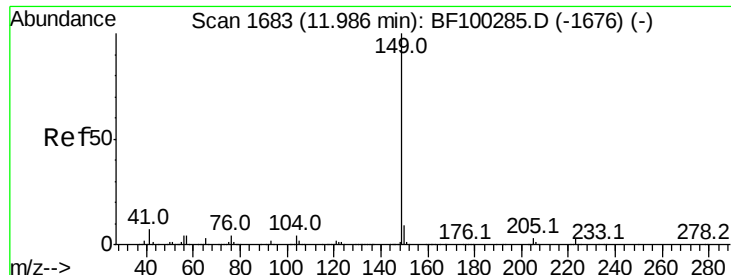
Tot Ion:178 Resp: 701344
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.793 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:167 Resp: 632883
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.233 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

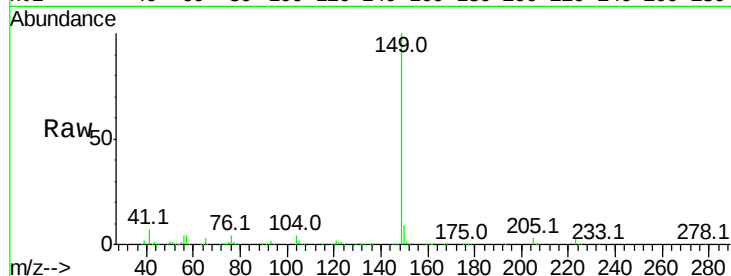
Tot Ion:149 Resp: 804652

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

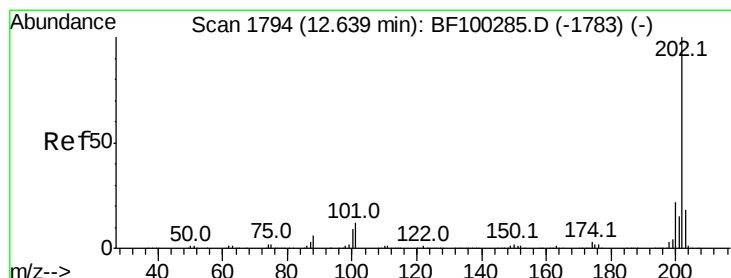
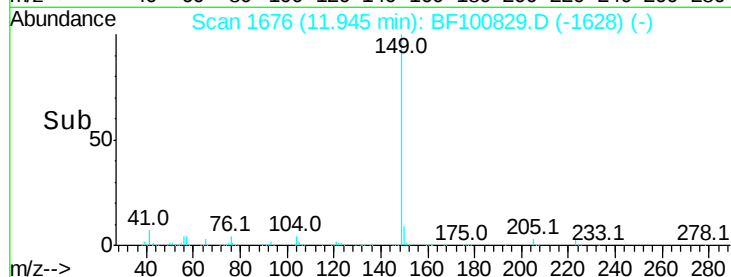
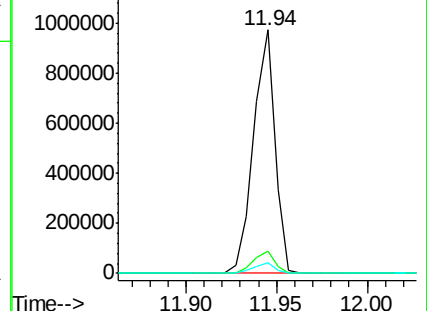
104 4.2 3.8 5.8



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: 40.311 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

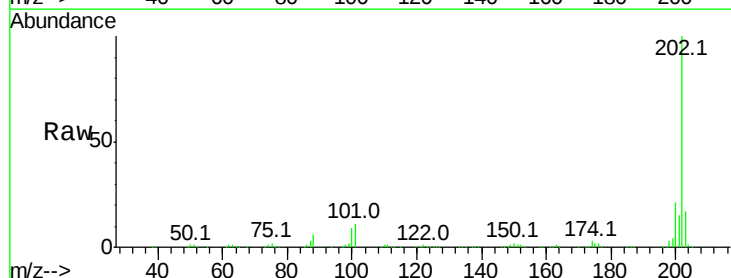
Tgt Ion:202 Resp: 725822

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

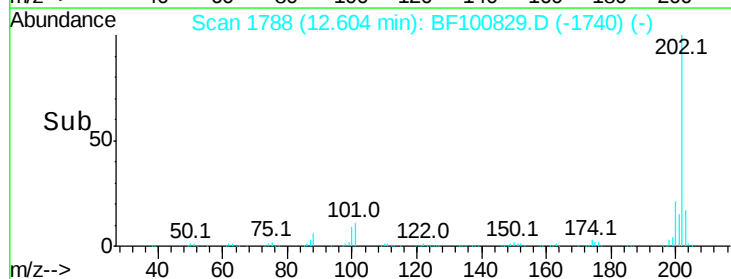
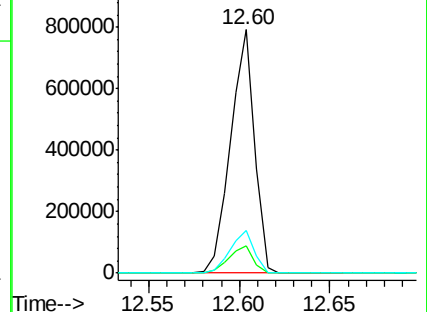
203 17.3 0.0 38.1

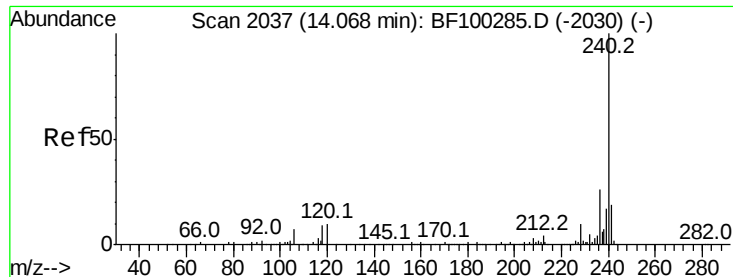


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

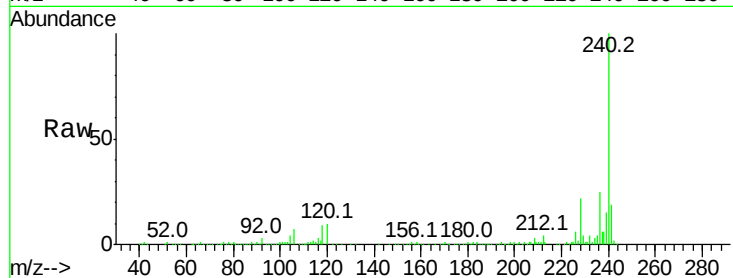
Tot Ion:240 Resp: 254744

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

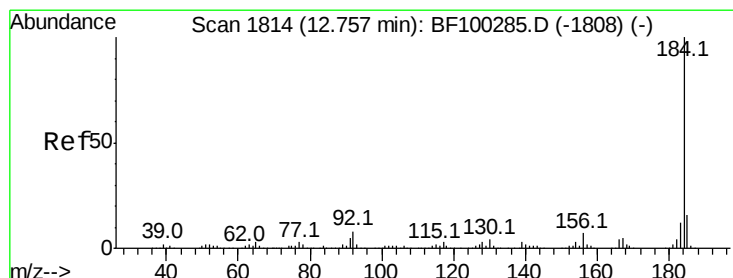
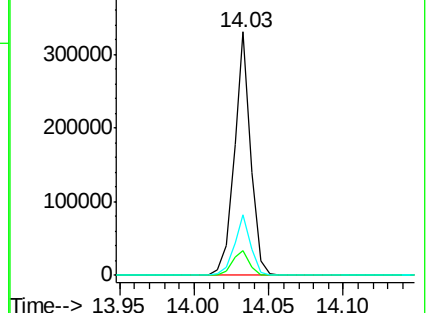
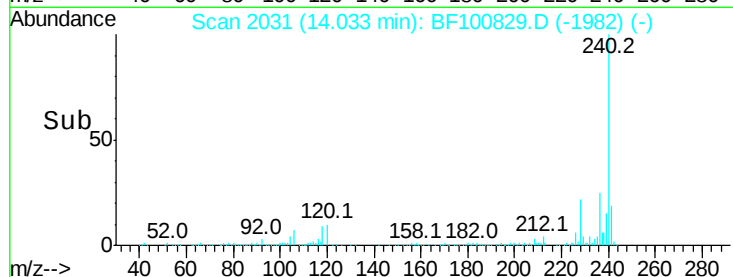
236 25.0 20.7 31.1



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: 35.900 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

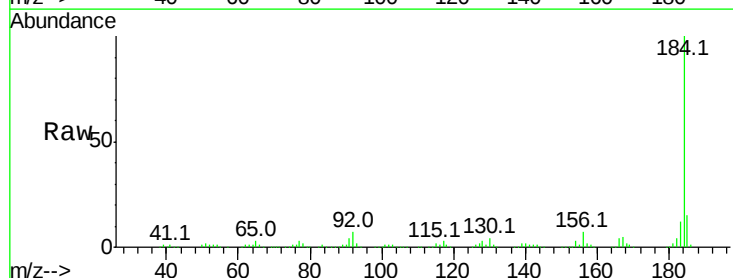
Tgt Ion:184 Resp: 366250

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

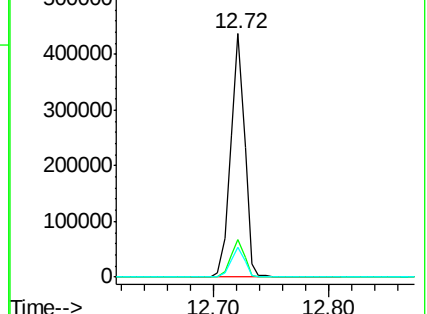
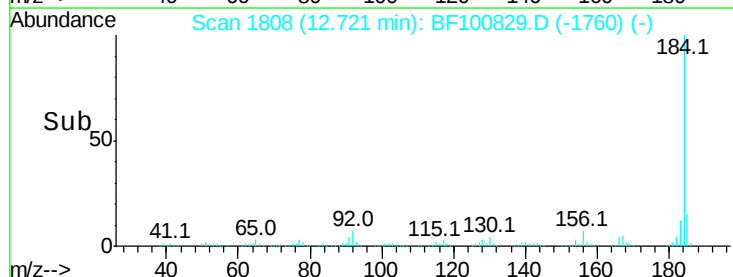
183 12.3 9.3 13.9

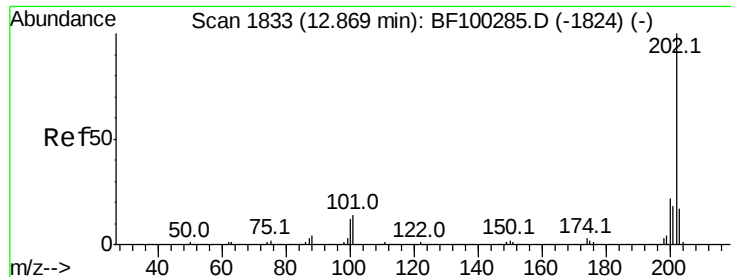


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

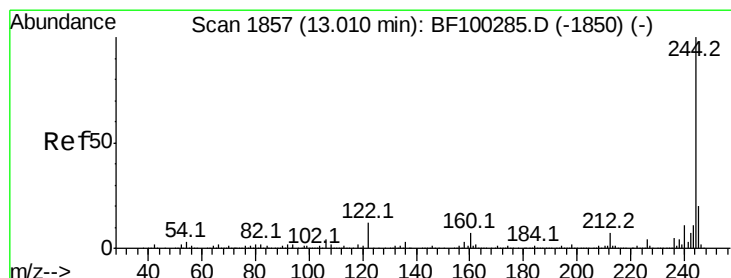
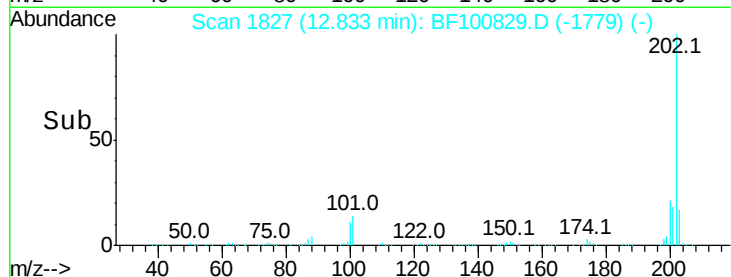
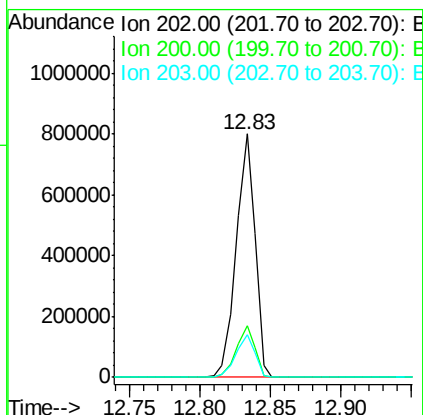
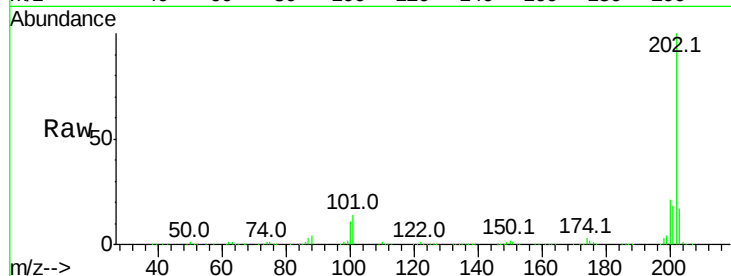




#77
Pvrene
Concen: 40.936 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

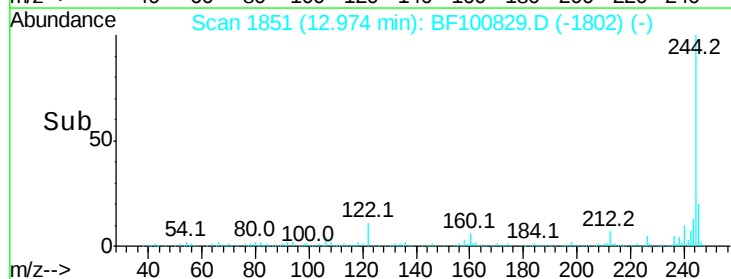
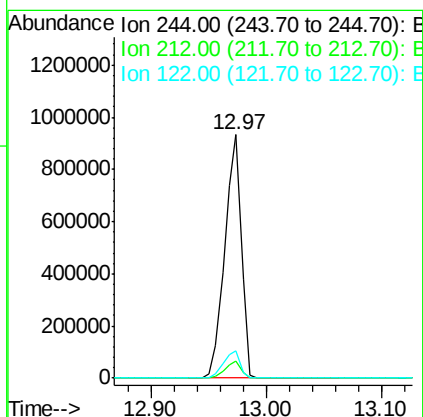
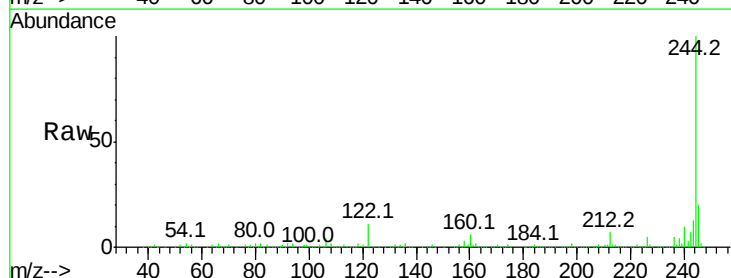
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 743367
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 83.223 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:244 Resp: 922683
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.4 11.0 16.4

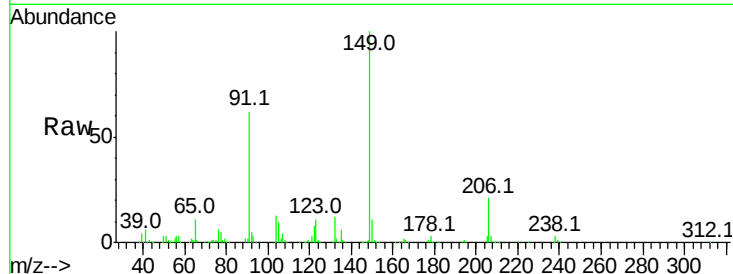




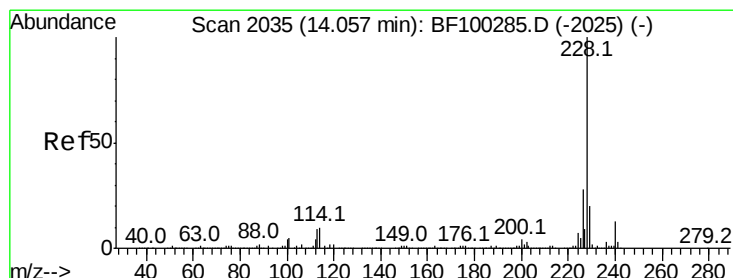
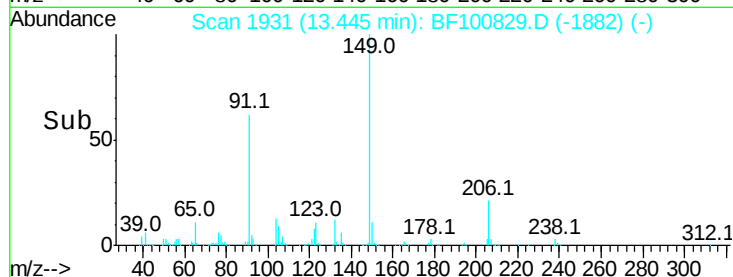
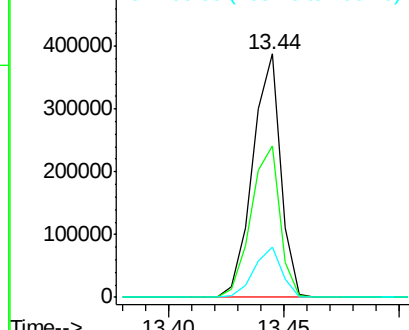
#79
Butylbenzylphthalate
Concen: 44.433 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 329052
Ion Ratio Lower Upper
149 100
91 62.0 56.8 85.2
206 20.9 14.1 21.1

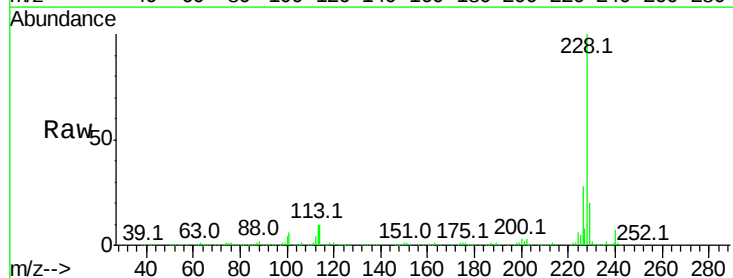


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

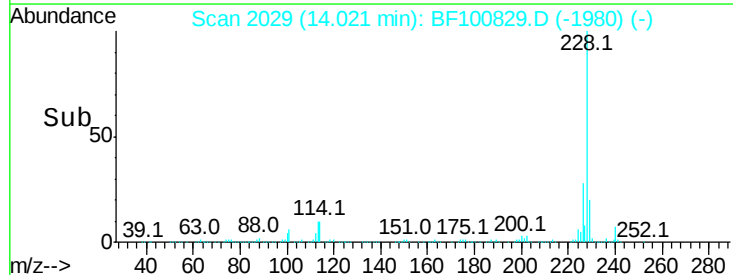
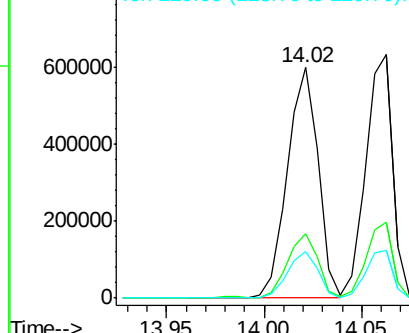


#80
Benzo(a)anthracene
Concen: 42.379 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:228 Resp: 650113
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

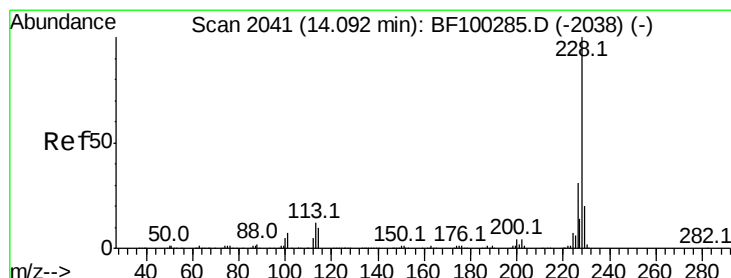
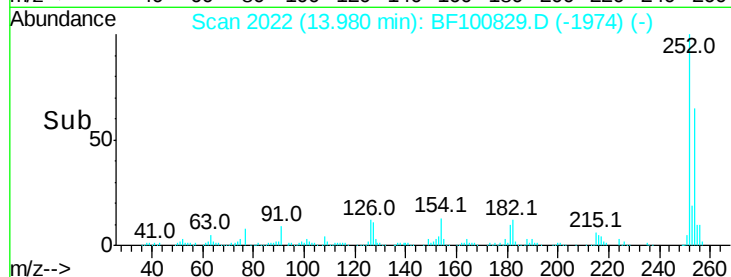
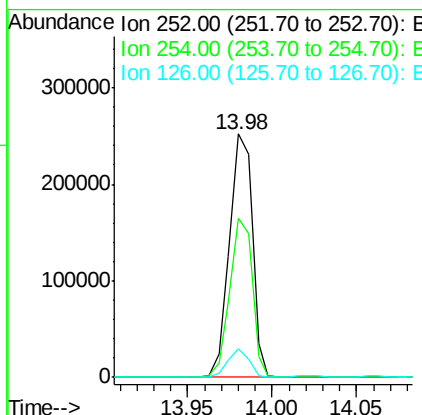
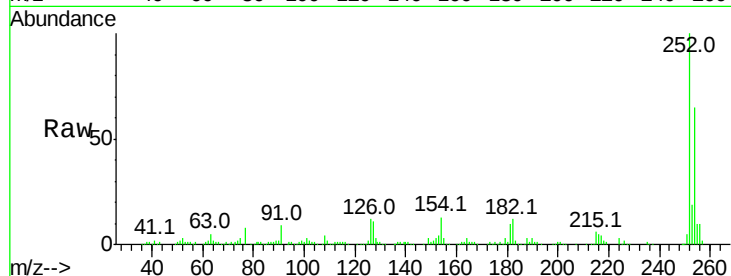




#81
 3,3'-Dichlorobenzidine
 Concen: 43.279 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

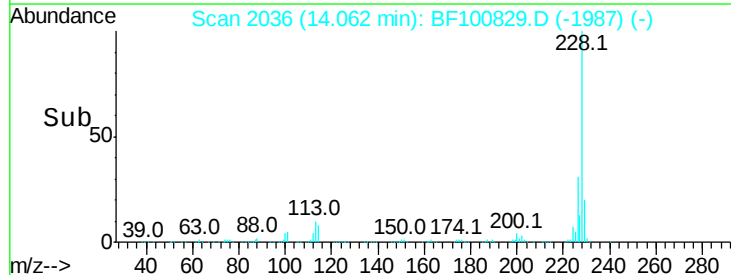
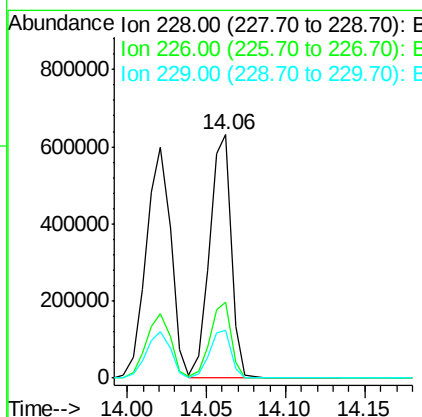
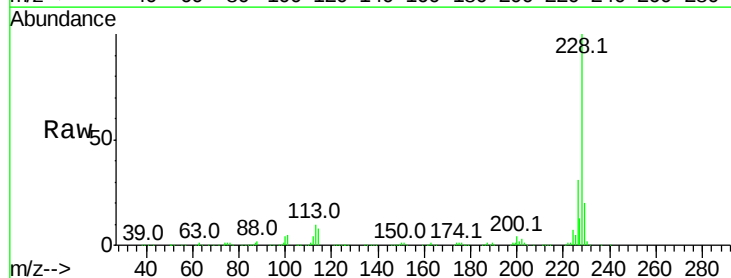
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 237878
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 11.8 11.3 16.9



#82
 Chrysene
 Concen: 40.463 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion:228 Resp: 601088
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.6 16.2 24.4

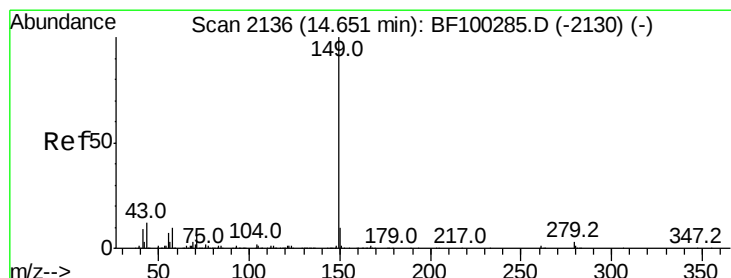
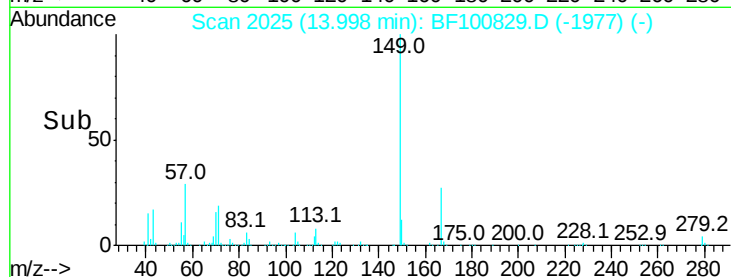
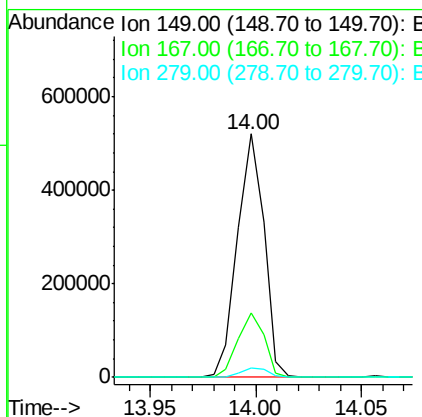
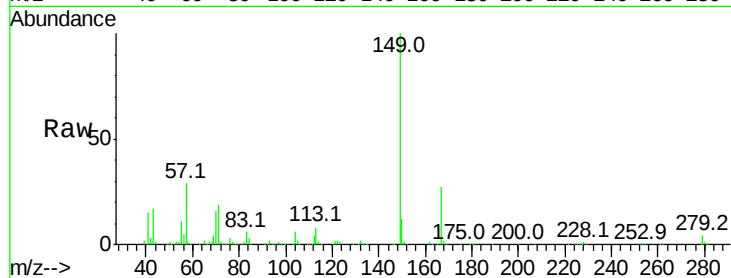




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.835 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

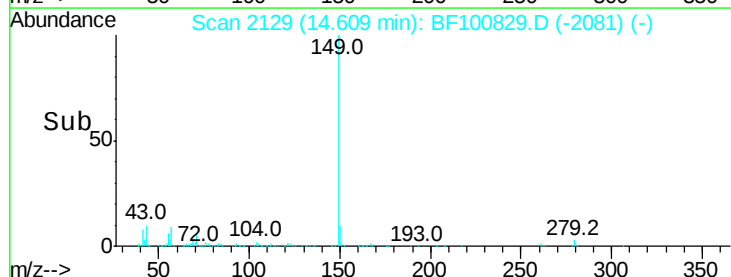
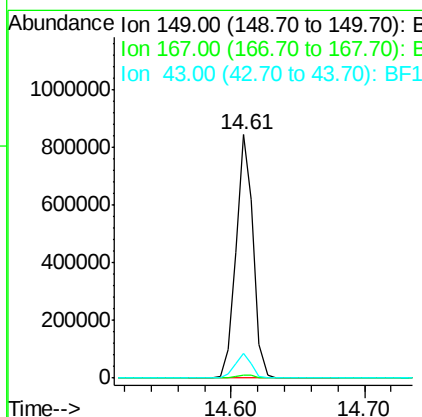
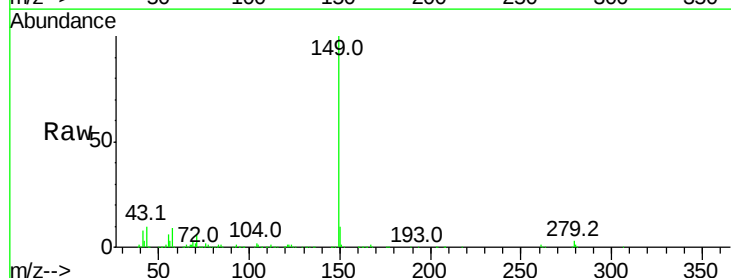
Instrument :
 BNA_F
 ClientSampleId :

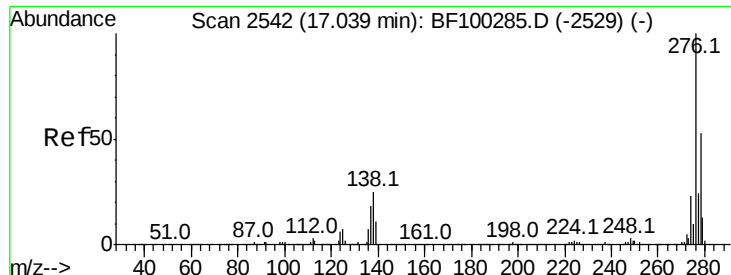
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.9	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.027 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6

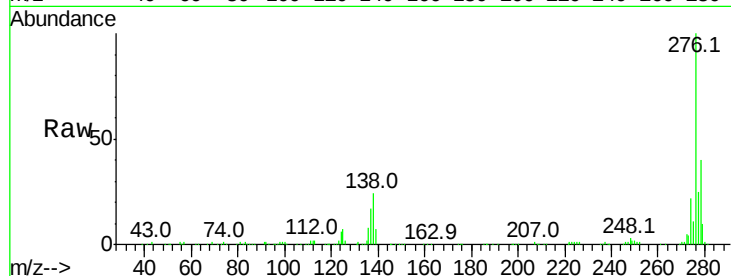




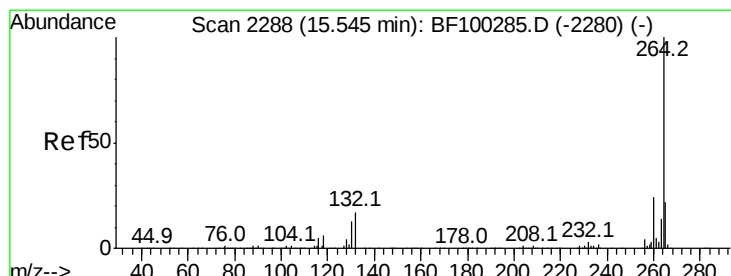
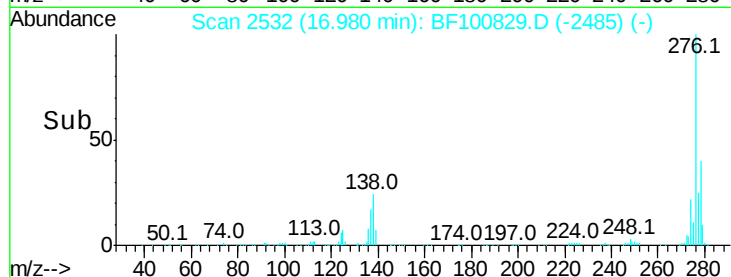
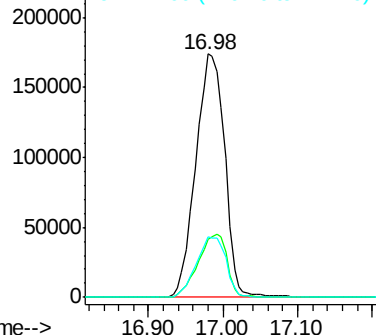
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.118 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	25.5	20.1	30.1

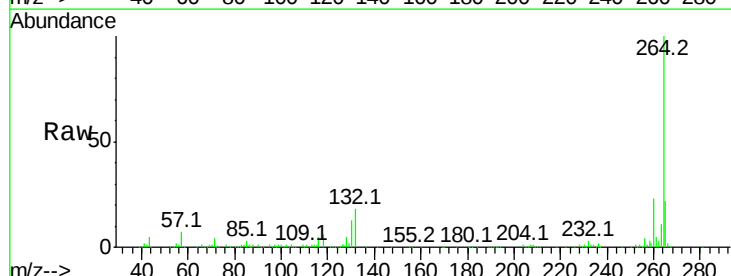


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

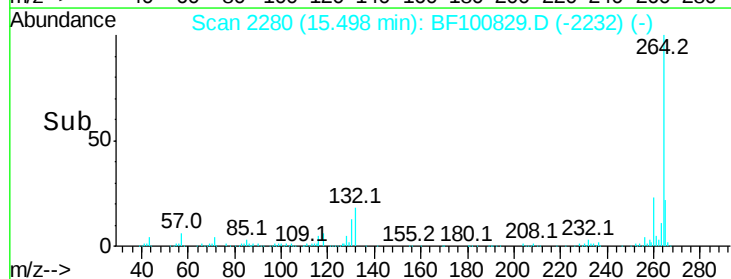
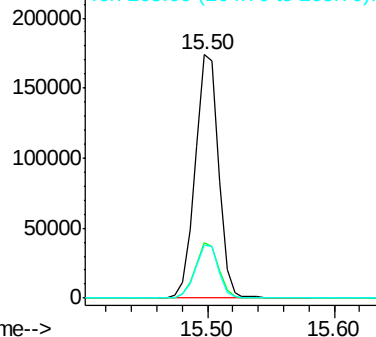


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	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: 42.897 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

Instrument :

BNA_F

ClientSampleId :

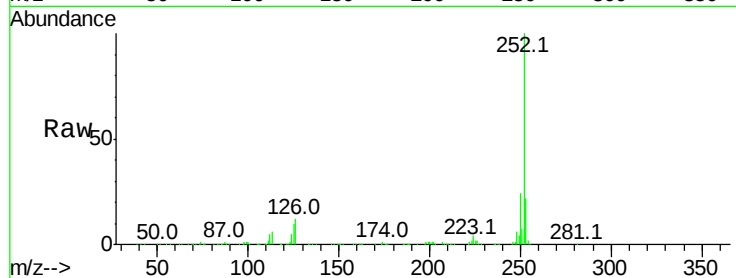
Tot Ion:252 Resp: 562532

Ion Ratio Lower Upper

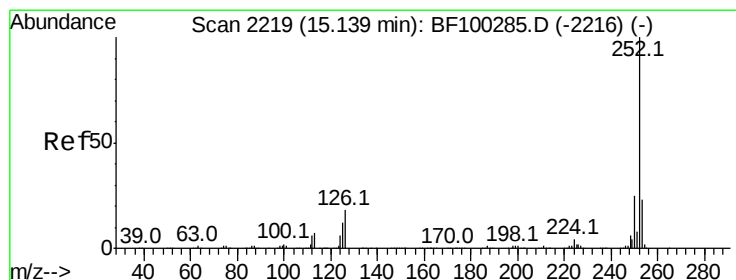
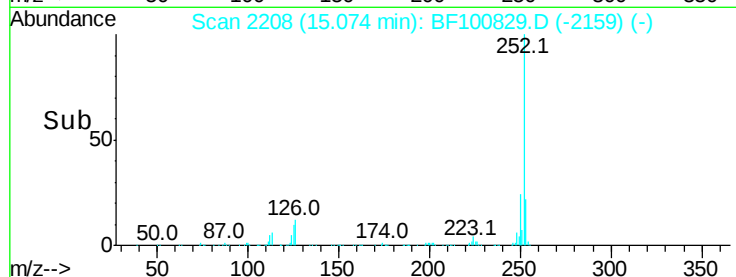
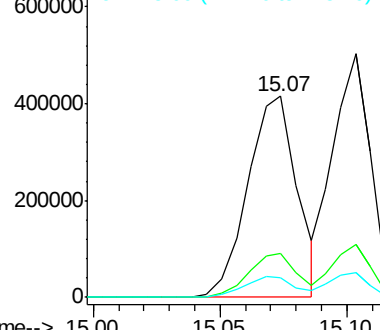
252 100

253 21.7 17.0 25.6

125 9.6 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: 42.588 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF100829.D

Acq: 22 Nov 2017 18:04

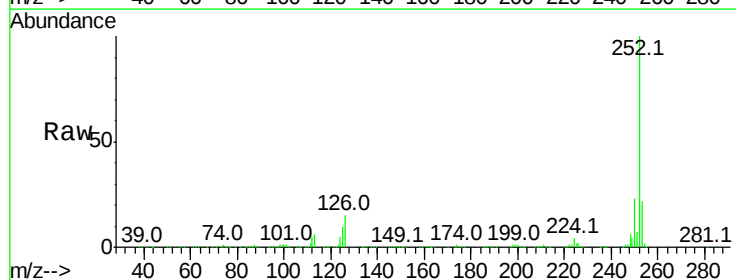
Tgt Ion:252 Resp: 527684

Ion Ratio Lower Upper

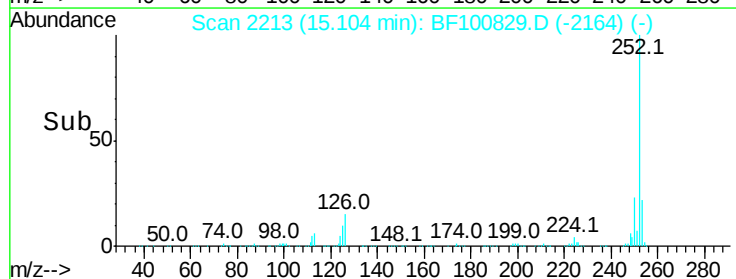
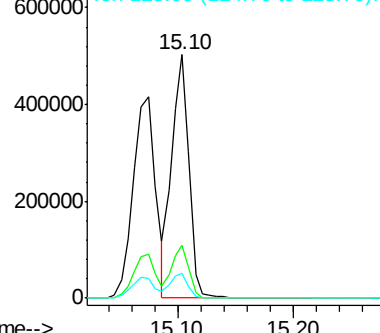
252 100

253 21.6 17.9 26.9

125 10.1 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

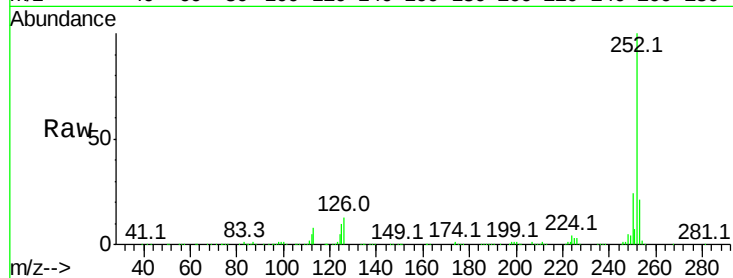




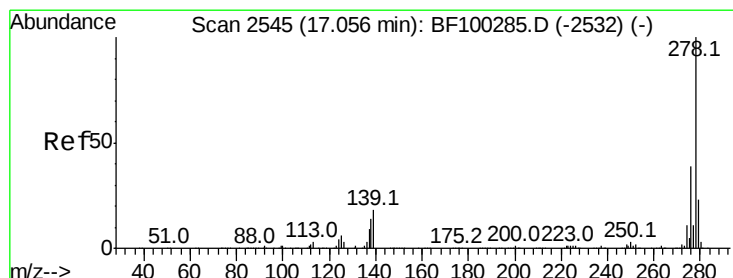
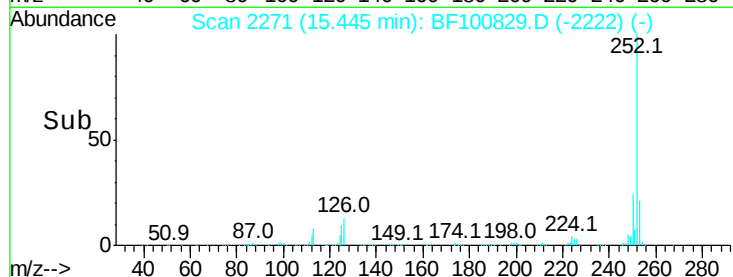
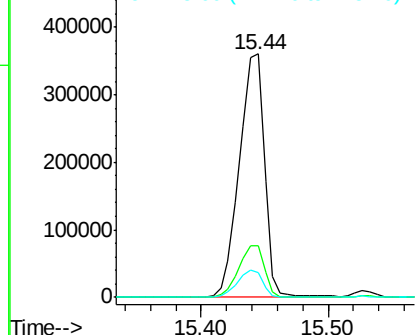
#89
Benzo(a)pyrene
Concen: 42.635 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 495663
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 10.1 9.8 14.6

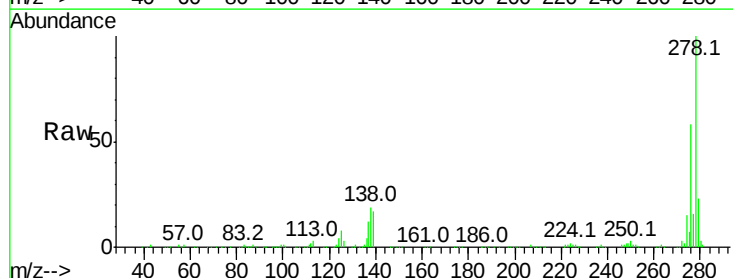


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

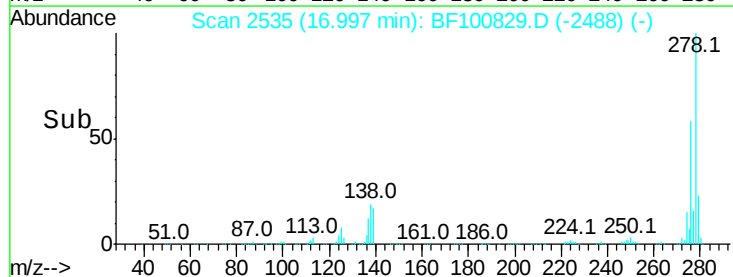
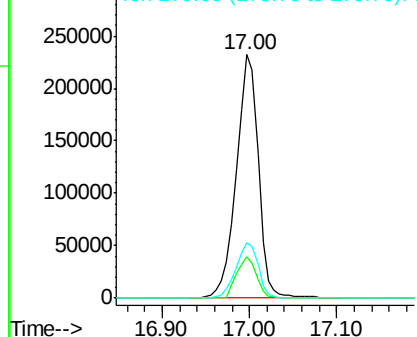


#90
Dibenzo(a,h)anthracene
Concen: 41.664 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF100829.D
Acq: 22 Nov 2017 18:04

Tgt Ion:278 Resp: 396128
Ion Ratio Lower Upper
278 100
139 16.9 15.9 23.9
279 23.0 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 40.557 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF100829.D
 Acq: 22 Nov 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	22.0	21.8	32.8

