

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100978.D
 Acq On : 29 Nov 2017 15:22
 Operator : SJ/JU
 Sample : I6616-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:40:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68702	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	274511	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	123044	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	189519	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129820	20.00	ng	0.00
86) Perylene-d12	15.49	264	124460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	451377	105.32	ng	0.00
7) Phenol-d6	6.49	99	555812	105.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	348656	83.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	134536	107.30	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	694203	85.91	ng	0.00
78) Terphenyl-d14	12.96	244	446417	79.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	50713	24.280	ng	# 93
3) Pyridine	3.45	79	147671	25.915	ng	93
4) n-Nitrosodimethylamine	3.39	42	80682	29.163	ng	# 91
6) Aniline	6.52	93	144840	19.399	ng	98
8) 2-Chlorophenol	6.65	128	169965	37.486	ng	95
9) Benzaldehyde	6.40	77	77074	20.421	ng	98
10) Phenol	6.50	94	210939	38.020	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	153962	33.038	ng	98
12) 1,3-Dichlorobenzene	6.79	146	189045	36.164	ng	98
13) 1,4-Dichlorobenzene	6.87	146	191383	36.173	ng	98
14) 1,2-Dichlorobenzene	7.03	146	183626	37.538	ng	95
15) Benzyl Alcohol	7.00	79	145986	35.393	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	254148	34.098	ng	99
17) 2-Methylphenol	7.11	107	137462	35.478	ng	98
18) Hexachloroethane	7.36	117	60217	34.519	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	116780	31.862	ng	94
20) 3+4-Methylphenols	7.26	107	171353	34.948	ng	# 72
22) Acetophenone	7.26	105	224499	33.538	ng	# 86
24) Nitrobenzene	7.44	77	169605	39.687	ng	98
25) Isophorone	7.67	82	312152	35.775	ng	99
26) 2-Nitrophenol	7.75	139	92263	46.265	ng	97
27) 2,4-Dimethylphenol	7.79	122	147434	37.693	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	201210	35.254	ng	99
29) 2,4-Dichlorophenol	8.00	162	152505	40.842	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	156666	38.788	ng	97
31) Naphthalene	8.16	128	489032	36.986	ng	99
32) Benzoic acid	7.86	122	10765	12.263	ng	95
33) 4-Chloroaniline	8.21	127	82928	15.068	ng	96
34) Hexachlorobutadiene	8.27	225	91877	38.258	ng	99
35) Caprolactam	8.58	113	43139	33.664	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	148644	37.065	ng	99
37) 2-Methylnaphthalene	8.85	142	335215	38.188	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	153037	37.502	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	42408	22.081	ng	96

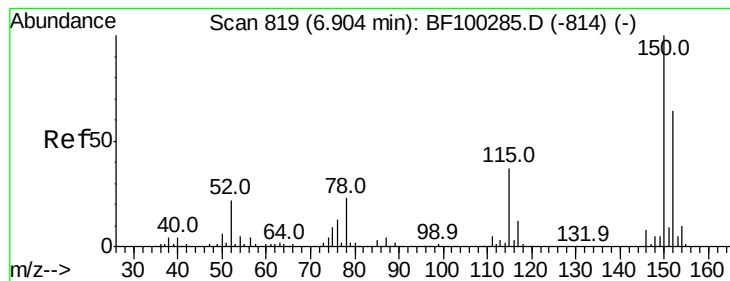
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100978.D
 Acq On : 29 Nov 2017 15:22
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	104398	40.365	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	108104	40.343	nq	# 89
45) 1,1'-Biphenyl	9.32	154	387573	36.419	nq	96
46) 2-Chloronaphthalene	9.34	162	306850	39.745	nq	96
47) 2-Nitroaniline	9.44	65	89894	39.904	nq	98
48) Acenaphthylene	9.76	152	457029	35.721	nq	99
49) Dimethylphthalate	9.62	163	404194	43.024	nq	99
50) 2,6-Dinitrotoluene	9.68	165	77607	41.733	nq	90
51) Acenaphthene	9.93	154	264480	33.989	nq	99
52) 3-Nitroaniline	9.85	138	64388	29.322	nq	85
53) 2,4-Dinitrophenol	9.96	184	19563	35.524	nq	# 18
54) Dibenzofuran	10.10	168	396325	36.340	nq	99
55) 4-Nitrophenol	10.02	139	102154	57.292	nq	89
56) 2,4-Dinitrotoluene	10.09	165	97136	41.406	nq	# 88
57) Fluorene	10.44	166	305131	38.192	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	83103	37.840	nq	# 86
59) Diethylphthalate	10.31	149	350413	37.273	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	154804	39.498	nq	90
61) 4-Nitroaniline	10.46	138	66914	32.136	nq	90
62) Azobenzene	10.59	77	288600	32.593	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	19434	25.253	nq	84
65) n-Nitrosodiphenylamine	10.55	169	285537	43.330	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	91388	44.983	nq	# 85
67) Hexachlorobenzene	10.99	284	87316	41.093	nq	# 83
68) Atrazine	11.07	200	85580	42.903	nq	99
69) Pentachlorophenol	11.19	266	84952	55.757	nq	100
70) Phenanthrene	11.40	178	395047	39.590	nq	98
71) Anthracene	11.46	178	390523	38.575	nq	98
72) Carbazole	11.61	167	319898	34.246	nq	99
73) Di-n-butylphthalate	11.93	149	467442	42.761	nq	99
74) Fluoranthene	12.59	202	365370	34.550	nq	96
76) Benzidine	12.71	184	47725	9.180	nq	97
77) Pyrene	12.82	202	363657	39.297	nq	99
79) Butylbenzylphthalate	13.43	149	145767	38.624	nq	90
80) Benzo(a)anthracene	14.01	228	313298	40.075	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	83951	29.972	nq	# 96
82) Chrysene	14.04	228	299632	39.579	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	211028	42.515	nq	98
84) Di-n-octyl phthalate	14.60	149	336404	39.451	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.97	276	237375	38.766	nq	93
87) Benzo(b)fluoranthene	15.06	252	297020	40.282	nq	97
88) Benzo(k)fluoranthene	15.09	252	263137	37.769	nq	# 96
89) Benzo(a)pyrene	15.43	252	255119	39.027	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	196976	36.846	nq	# 95
91) Benzo(g,h,i)perylene	17.42	276	190808	36.462	nq	94

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

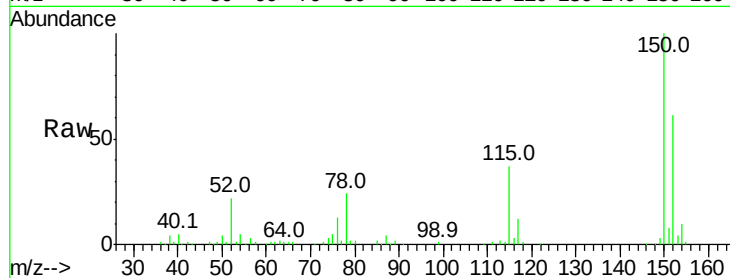


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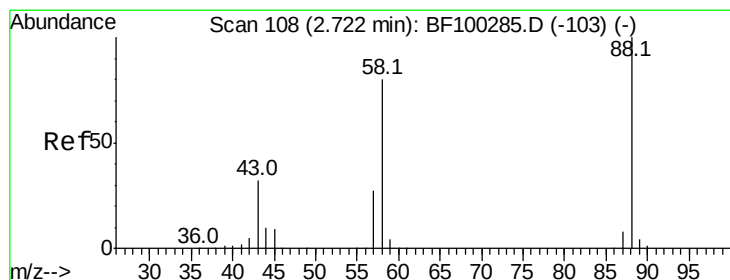
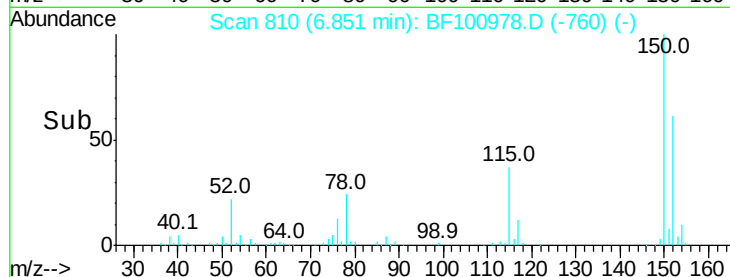
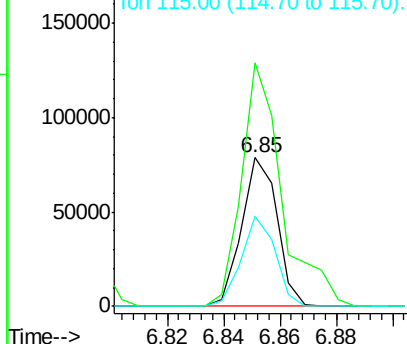
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 68702
 Ion Ratio Lower Upper
 152 100
 150 163.7 124.6 186.8
 115 60.9 50.1 75.1



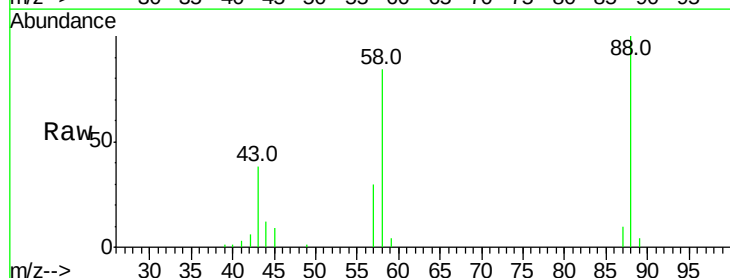
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



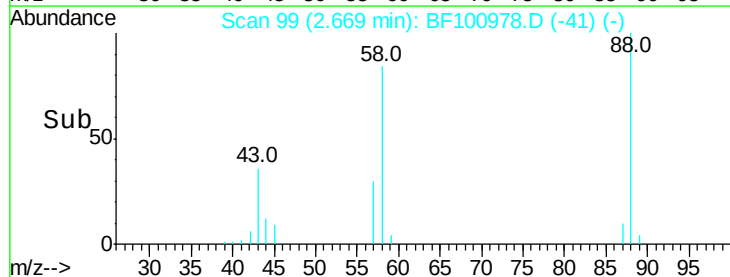
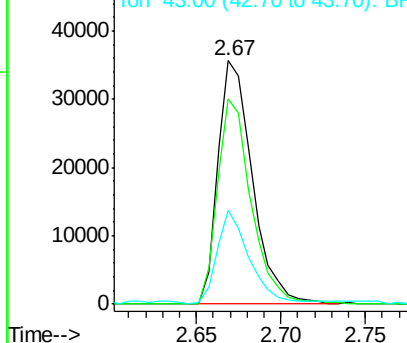
#2

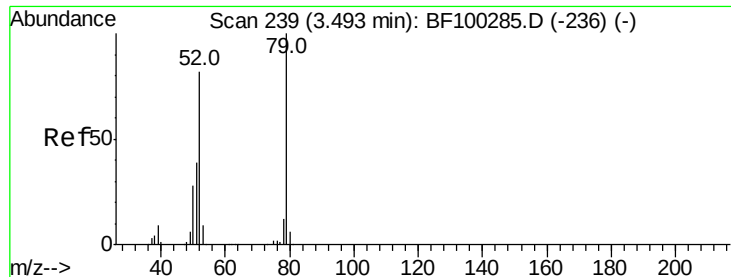
1,4-Dioxane
 Concen: 24.280 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.04 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion: 88 Resp: 50713
 Ion Ratio Lower Upper
 88 100
 58 83.0 62.6 93.8
 43 37.0 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: 25.915 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.05 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

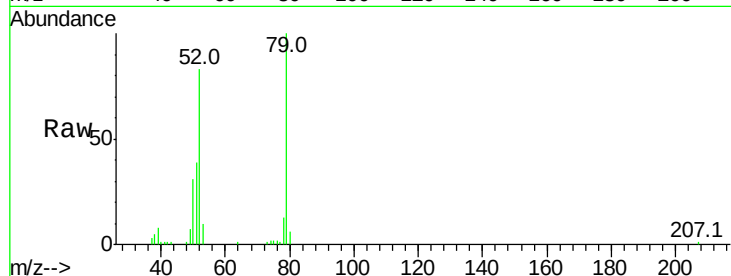
Tot Ion: 79 Resp: 147671

Ion Ratio Lower Upper

79 100

52 82.8 59.8 89.6

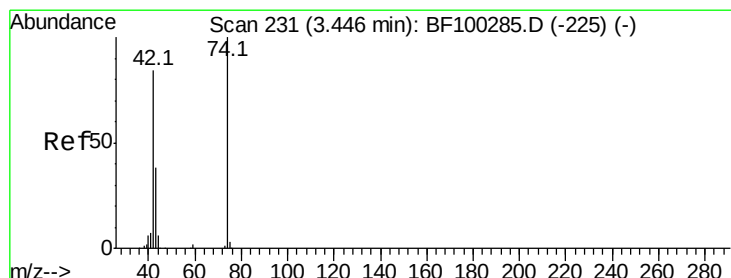
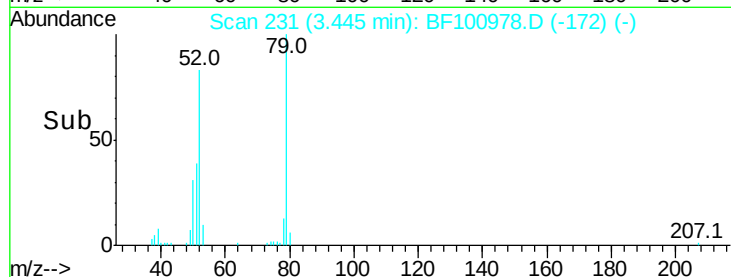
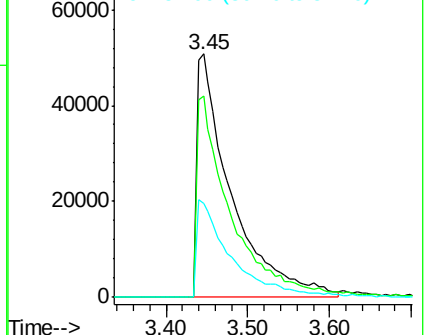
51 38.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.163 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

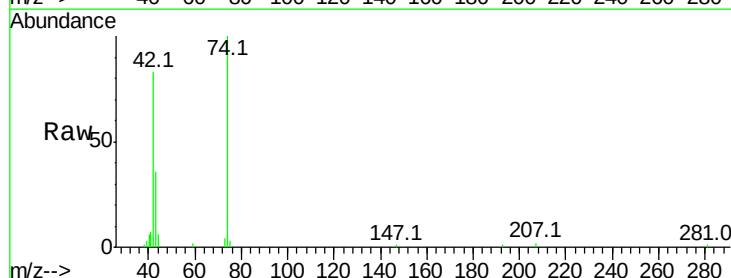
Tgt Ion: 42 Resp: 80682

Ion Ratio Lower Upper

42 100

74 120.8 104.9 157.3

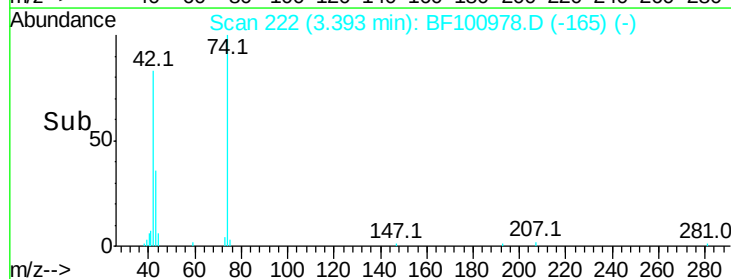
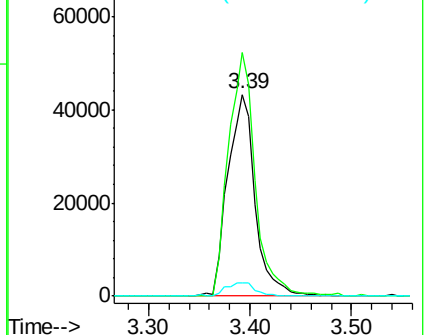
44 6.8 6.9 10.3#

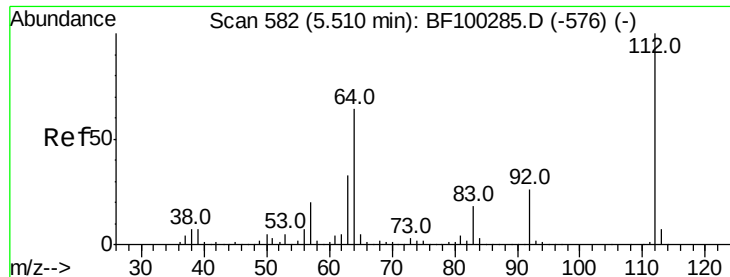


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.317 ng

RT: 5.48 min Scan# 577

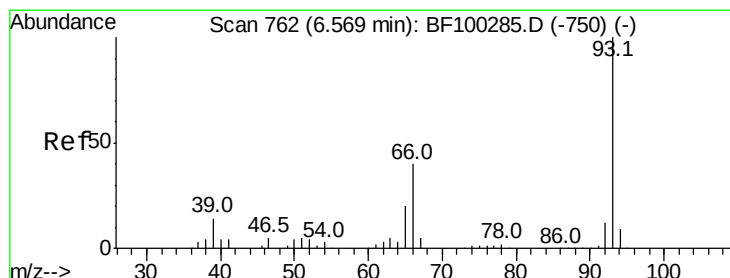
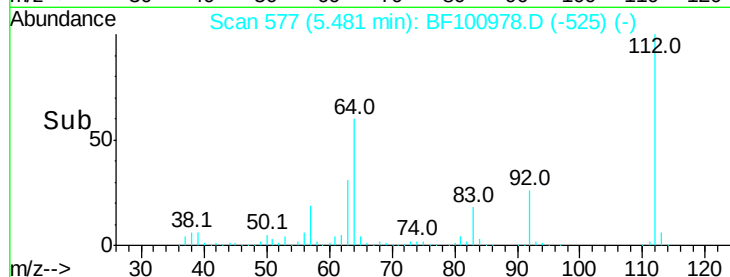
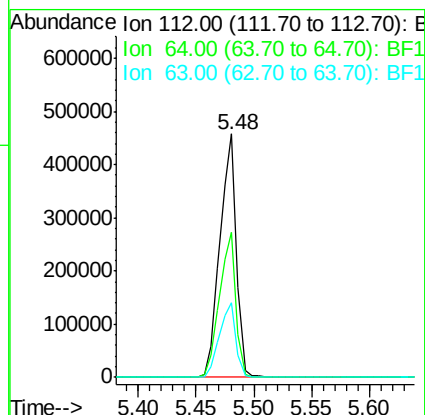
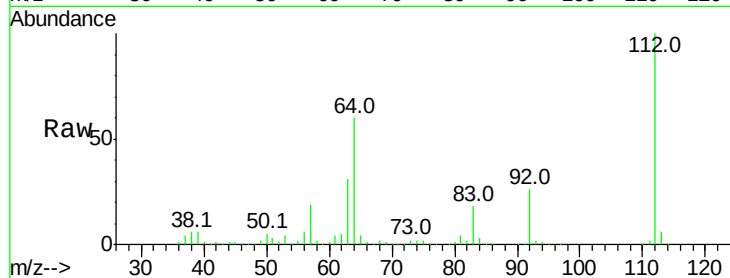
Delta R.T. 0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	451377
Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.5	23.7	35.5



#6

Aniline

Concen: 19.399 ng

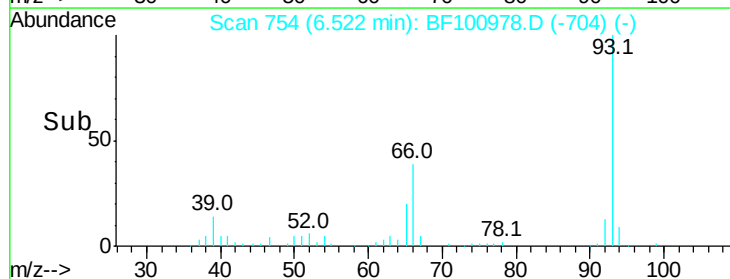
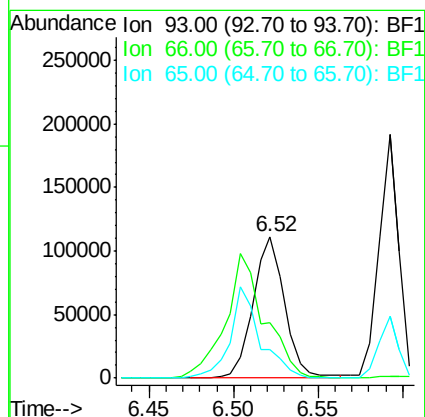
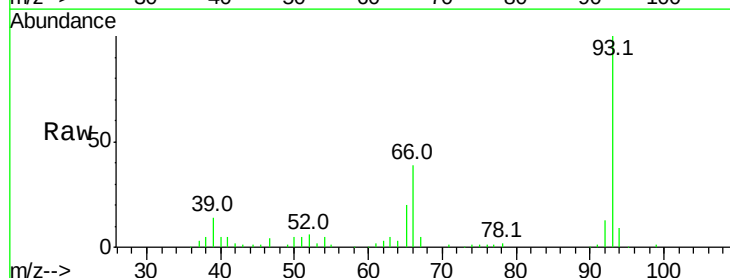
RT: 6.52 min Scan# 754

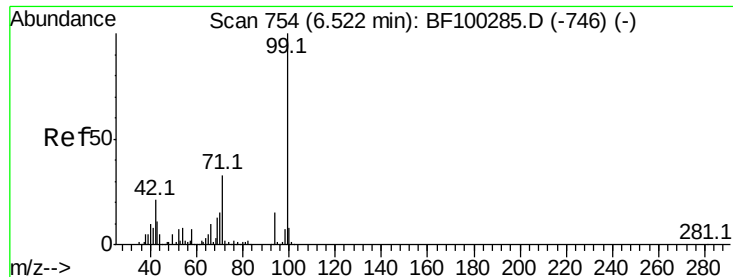
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	93	Resp:	144840
Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.2	48.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 105.167 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

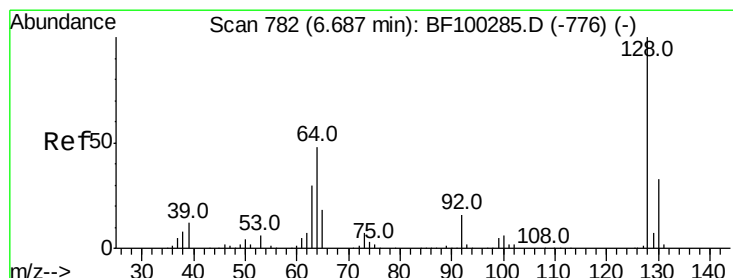
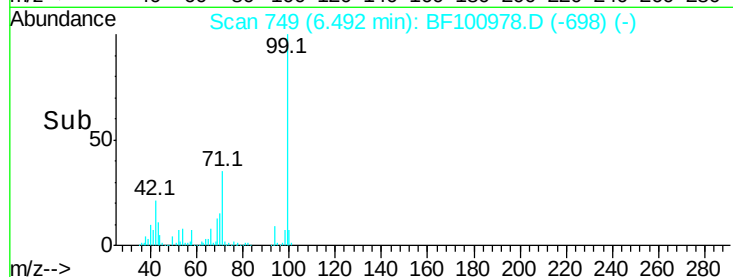
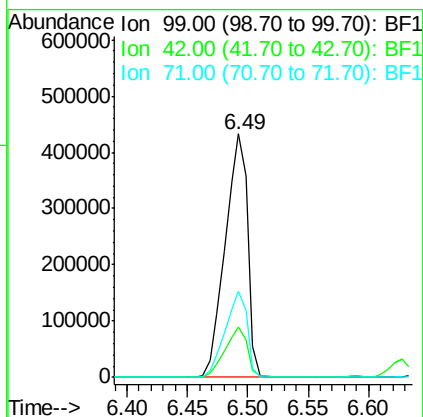
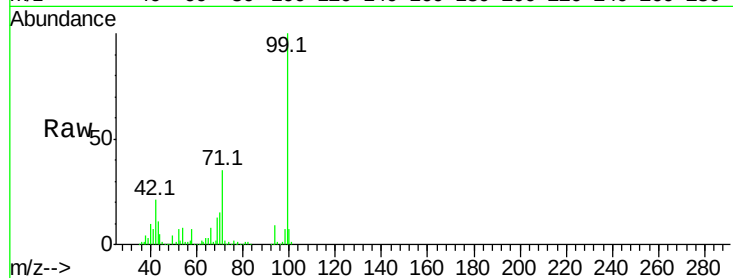
Tot Ion: 99 Resp: 555812

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 35.4 25.4 38.0



#8

2-Chlorophenol

Concen: 37.486 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

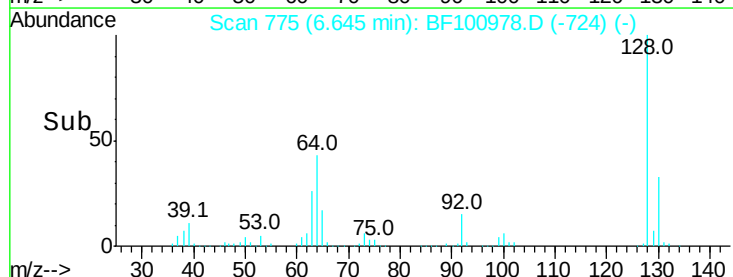
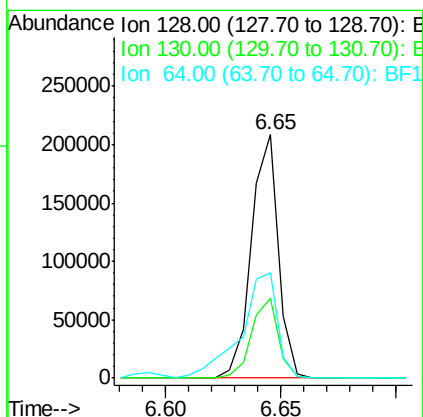
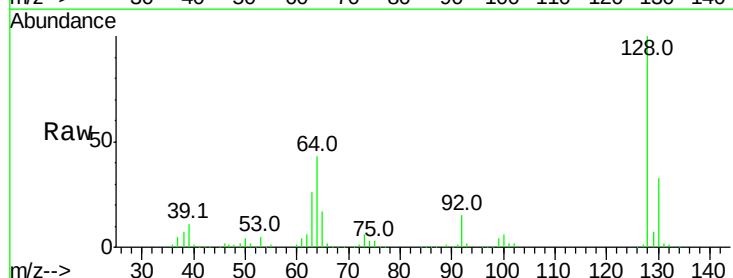
Tgt Ion: 128 Resp: 169965

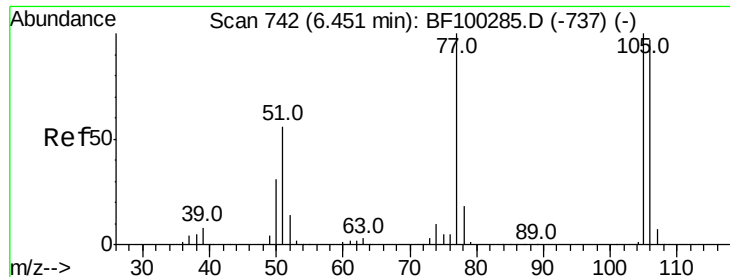
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 43.5 29.4 69.4

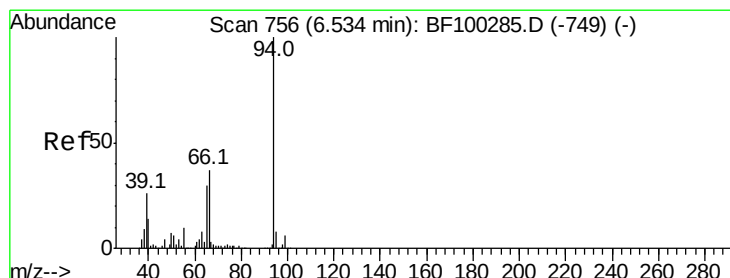
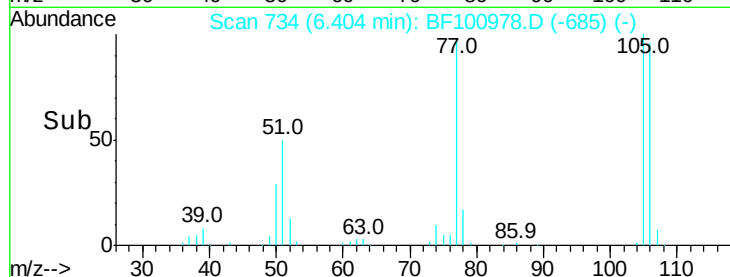
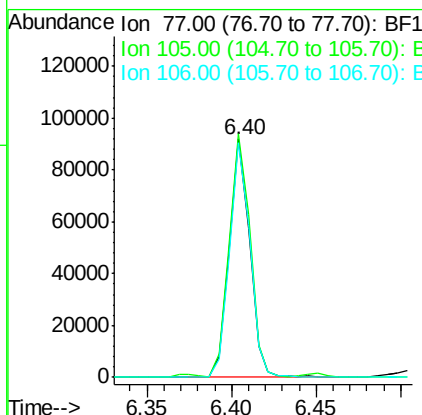
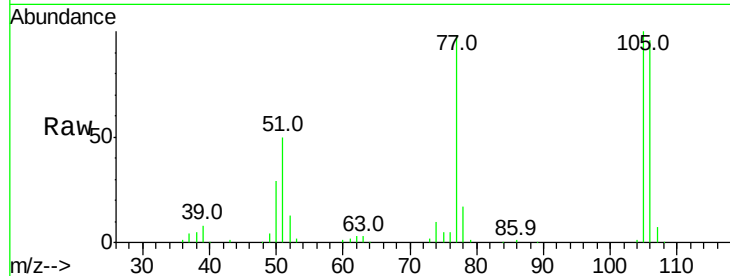




#9
Benzaldehyde
Concen: 20.421 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

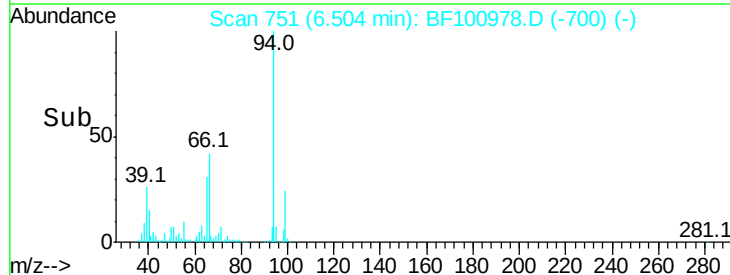
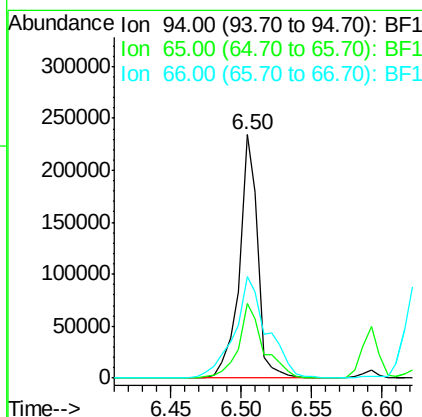
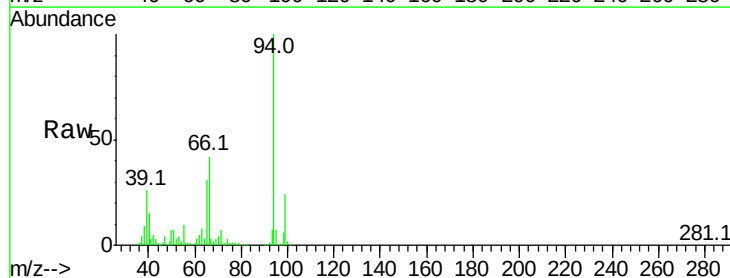
Instrument :
BNA_F
ClientSampleId :

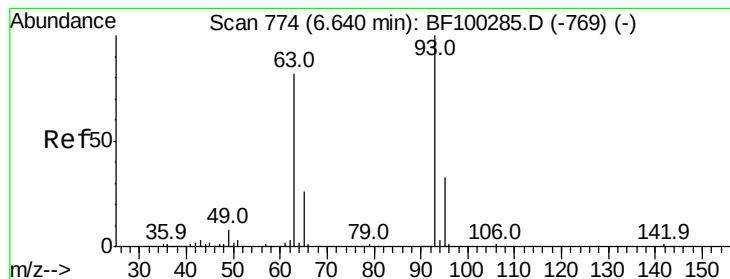
Tot Ion: 77 Resp: 77074
Ion Ratio Lower Upper
77 100
105 102.1 81.1 121.1
106 98.4 74.5 114.5



#10
Phenol
Concen: 38.020 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion: 94 Resp: 210939
Ion Ratio Lower Upper
94 100
65 30.7 7.9 47.9
66 41.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.038 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

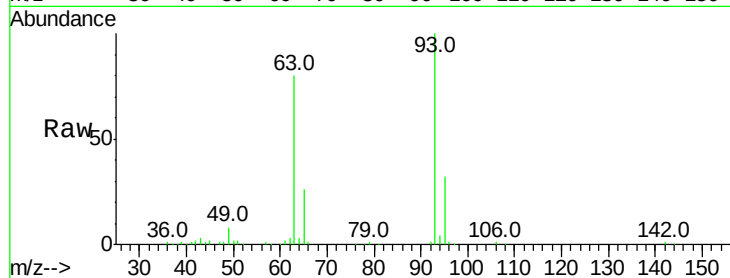
Tot Ion: 93 Resp: 153962

Ion Ratio Lower Upper

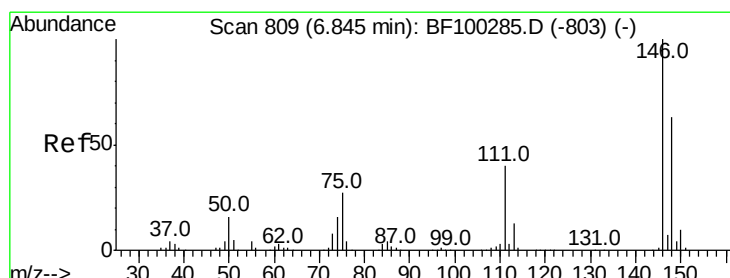
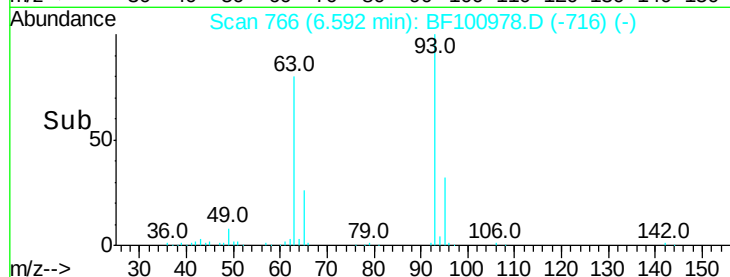
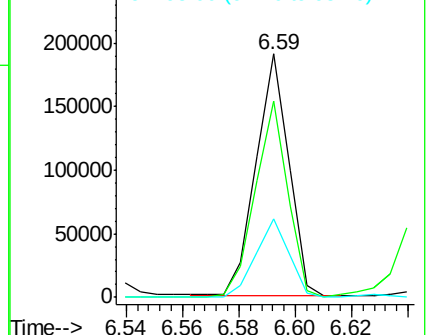
93 100

63 80.5 58.6 98.6

95 32.0 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: 36.164 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

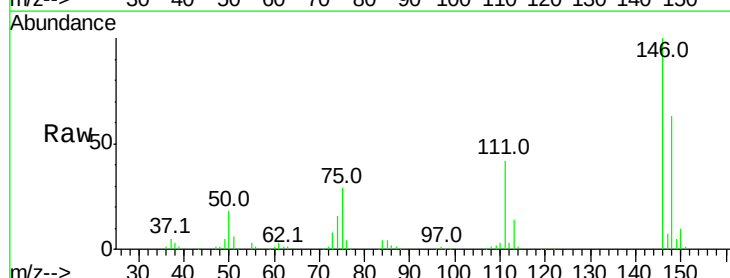
Tgt Ion: 146 Resp: 189045

Ion Ratio Lower Upper

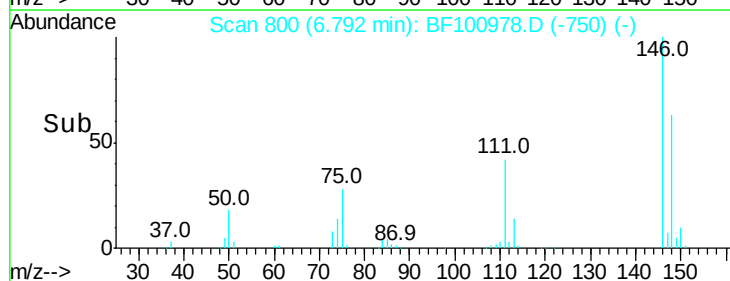
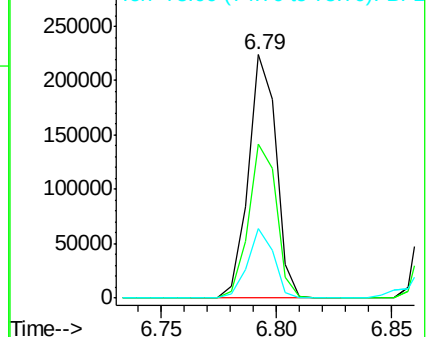
146 100

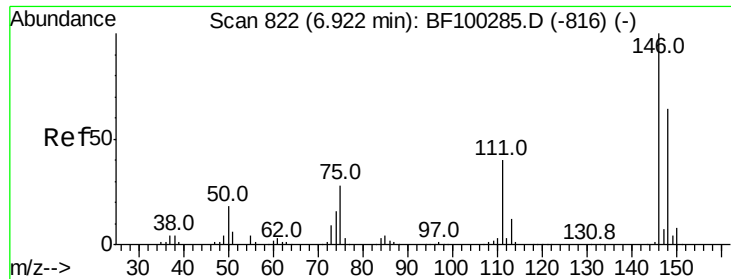
148 63.1 51.8 77.8

75 28.7 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

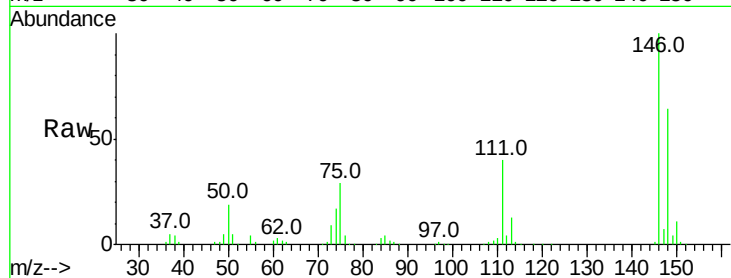




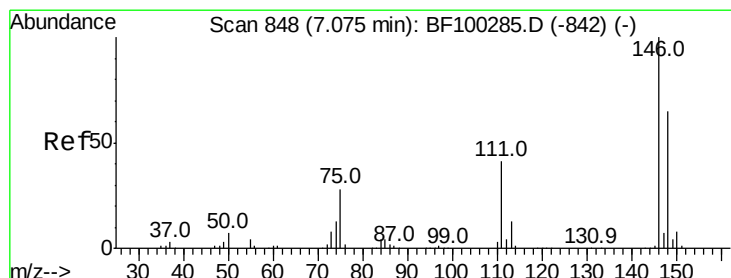
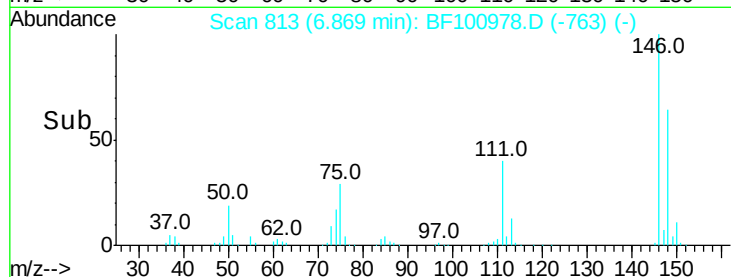
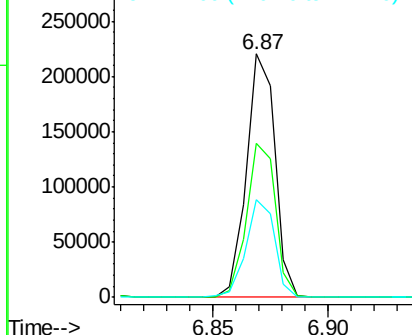
#13
 1,4-Dichlorobenzene
 Concen: 36.173 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 191383
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 39.9 34.2 51.2

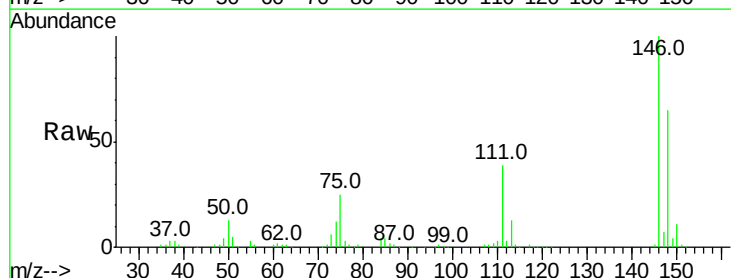


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

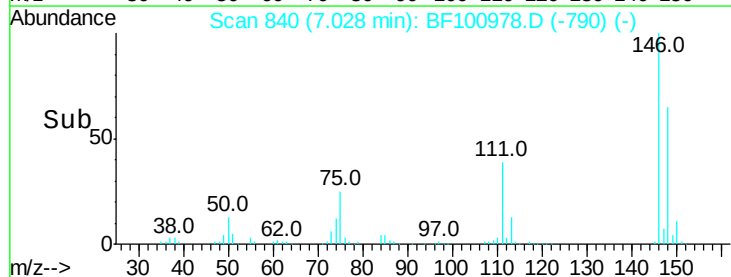
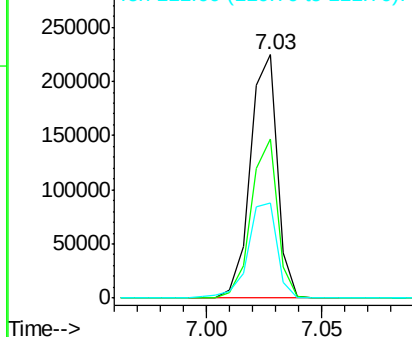


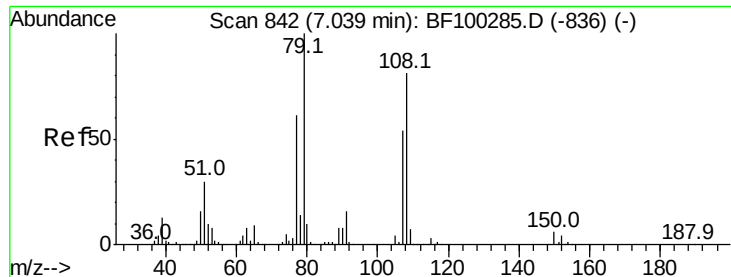
#14
 1,2-Dichlorobenzene
 Concen: 37.538 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:146 Resp: 183626
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 75.8
 111 39.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 35.393 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

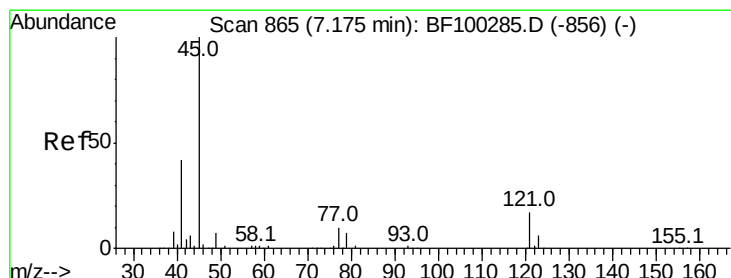
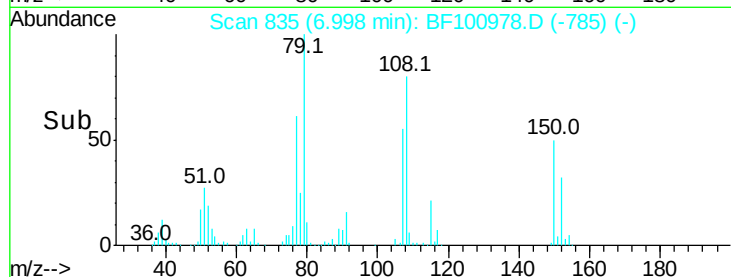
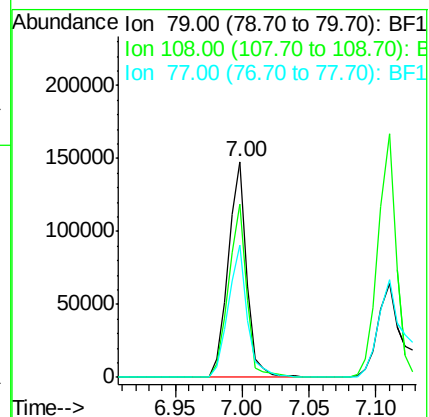
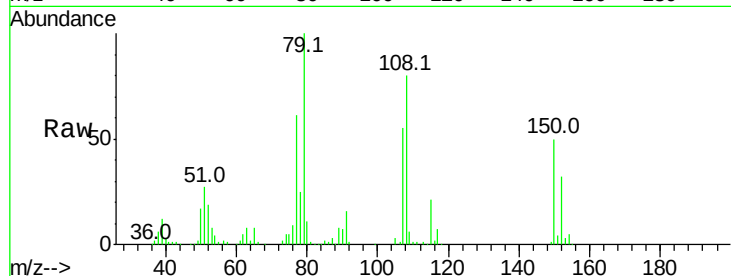
Tot Ion: 79 Resp: 145986

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.098 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

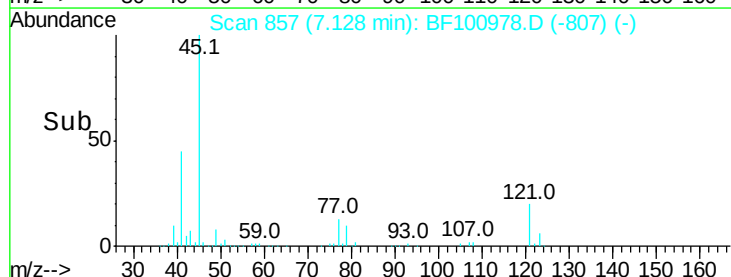
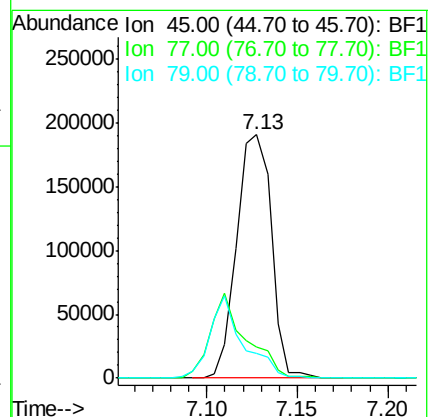
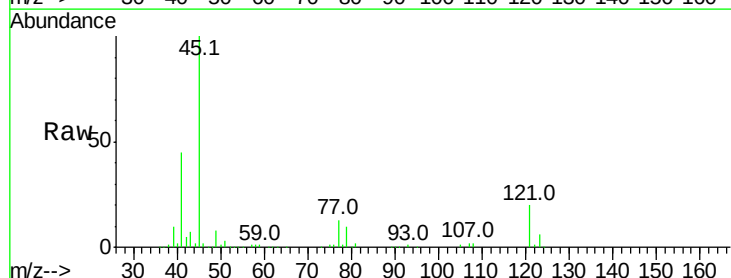
Tgt Ion: 45 Resp: 254148

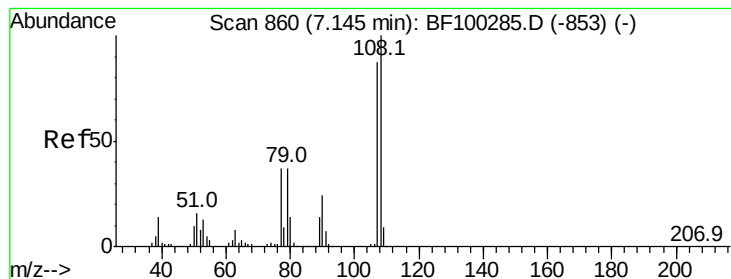
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.9

79 9.9 0.0 29.6

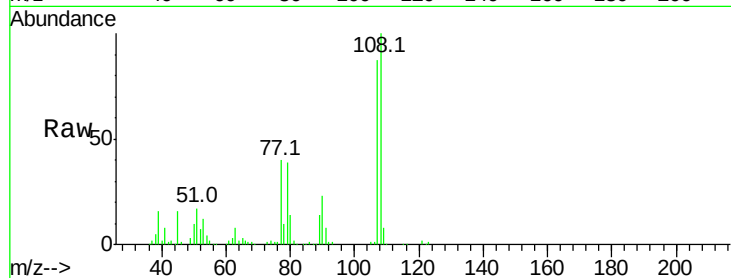




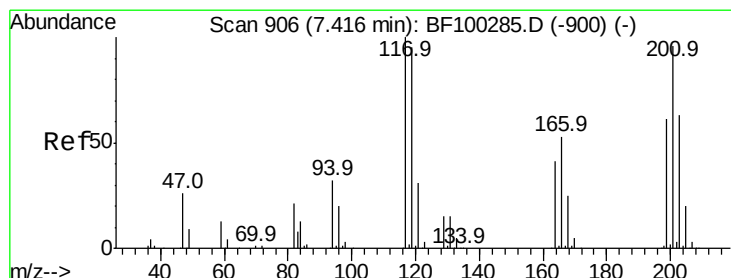
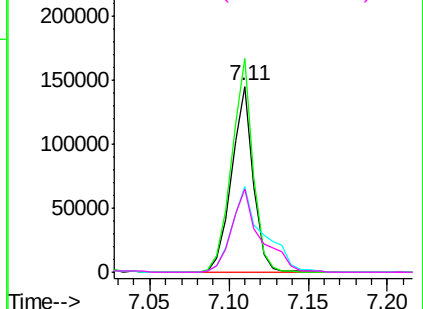
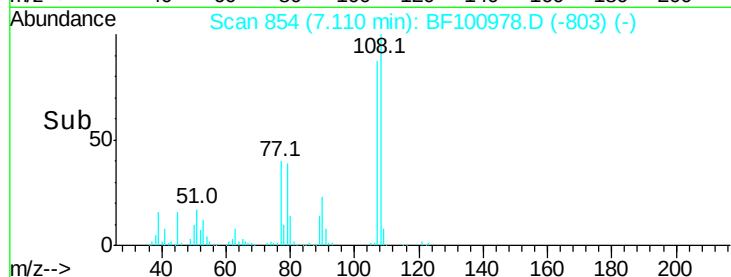
#17
2-Methylphenol
Concen: 35.478 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 137462
Ion Ratio Lower Upper
107 100
108 114.9 91.7 137.5
77 45.8 33.8 50.8
79 44.5 33.8 50.8

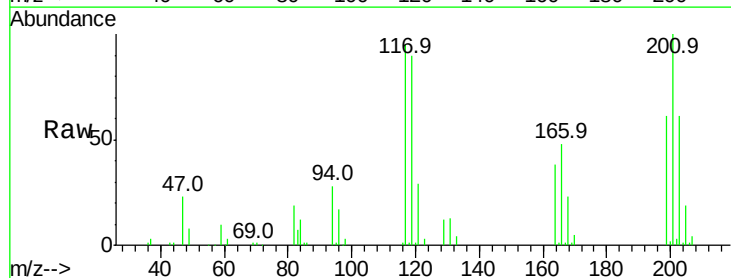


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

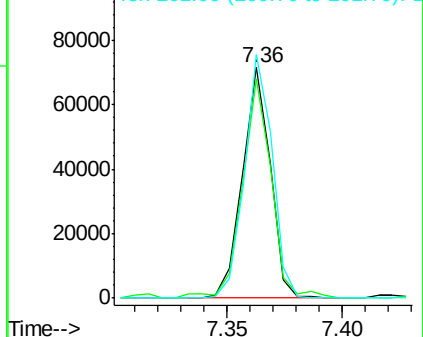
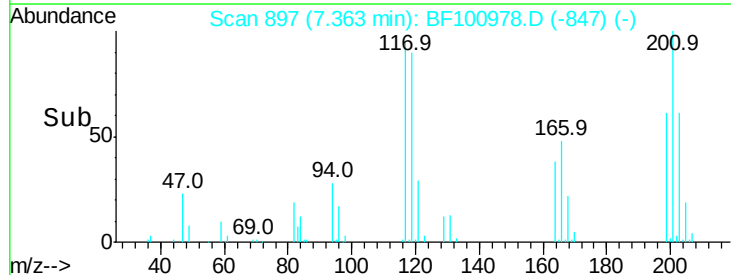


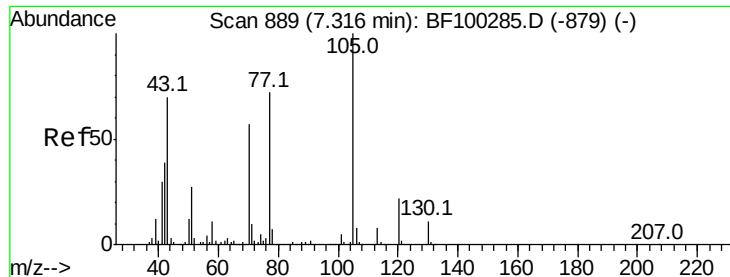
#18
Hexachloroethane
Concen: 34.519 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:117 Resp: 60217
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 105.6 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

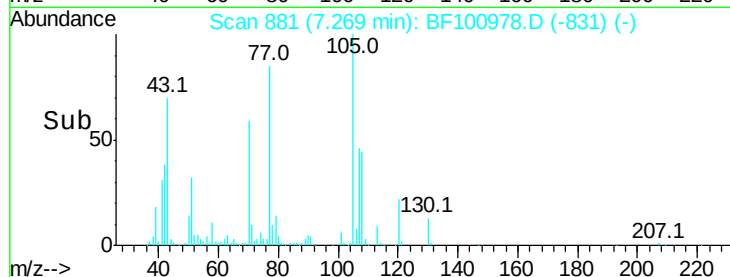
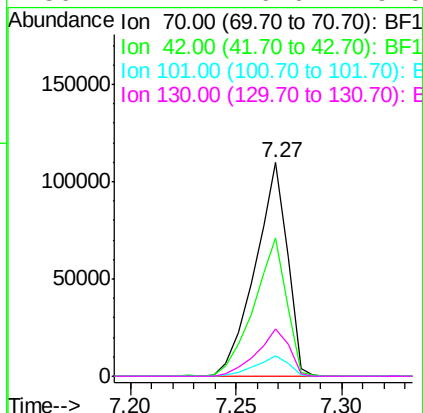
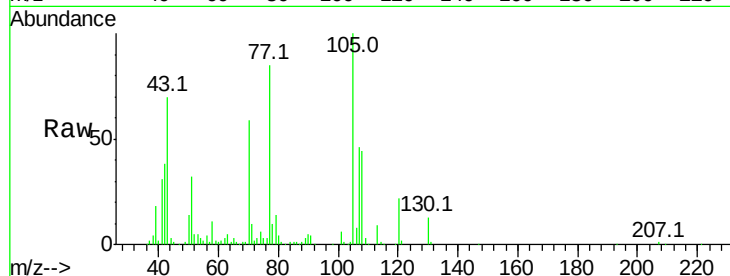




#19
n-Nitroso-di-n-propylamine
Concen: 31.862 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

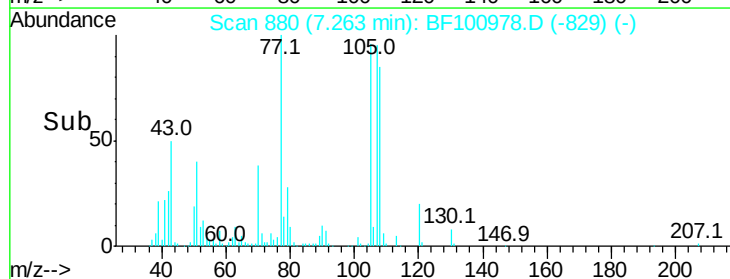
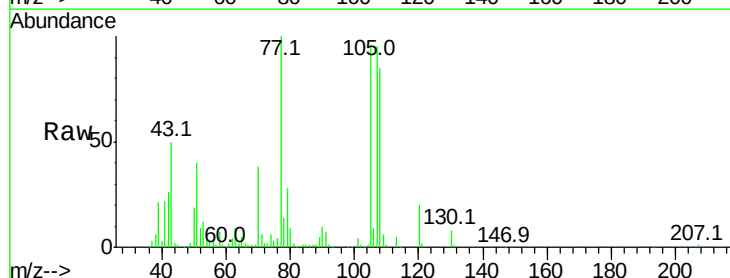
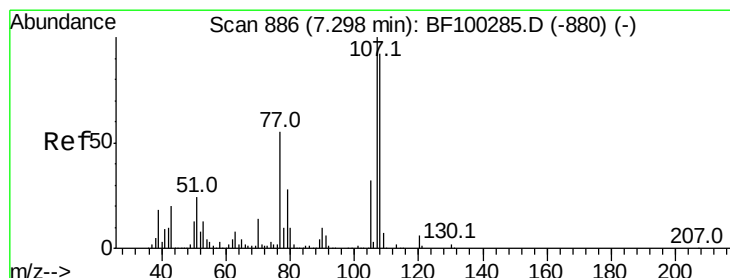
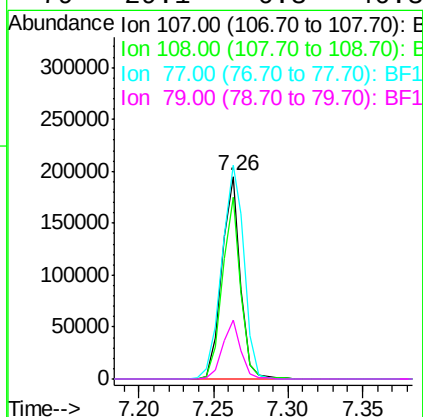
Instrument :
BNA_F
ClientSampleId :

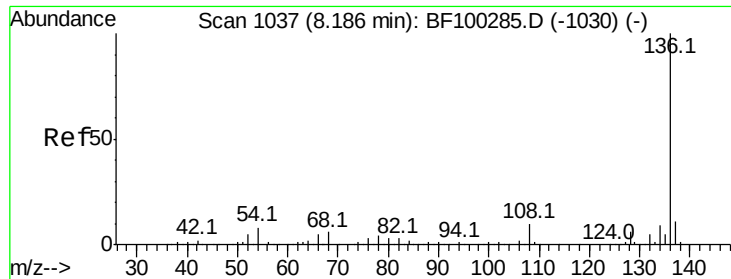
Tot Ion: 70 Resp: 116780
Ion Ratio Lower Upper
70 100
42 64.7 47.5 71.3
101 9.6 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.948 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion: 107 Resp: 171353
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 105.6 26.7 66.7#
79 29.1 6.3 46.3

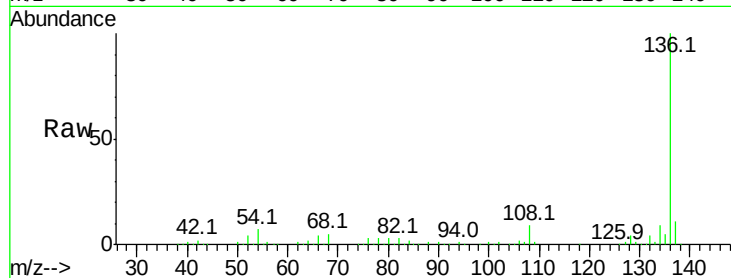




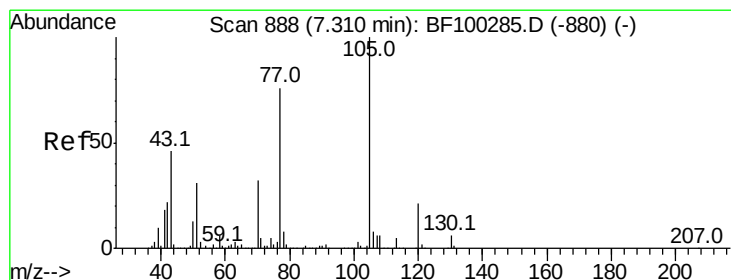
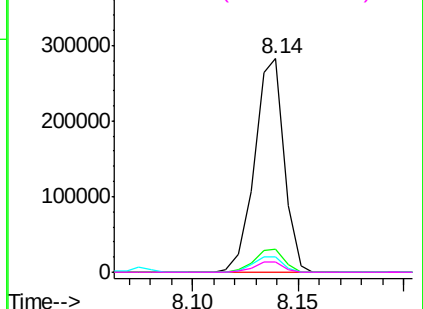
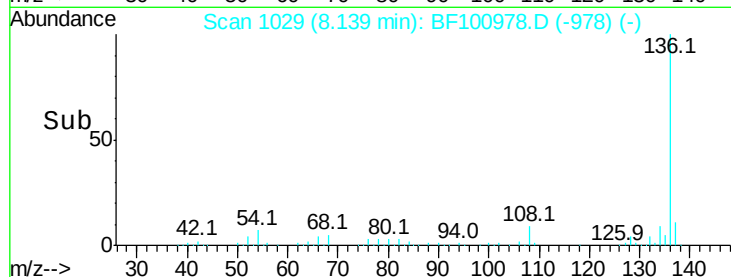
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	274511
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#

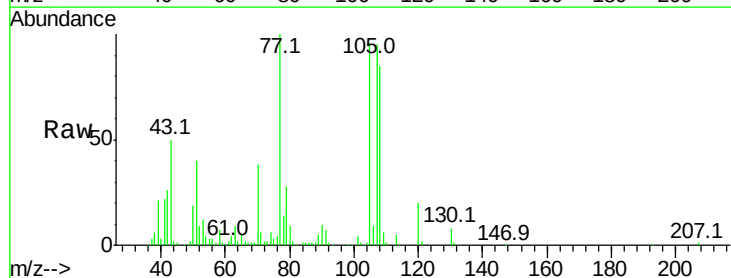


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

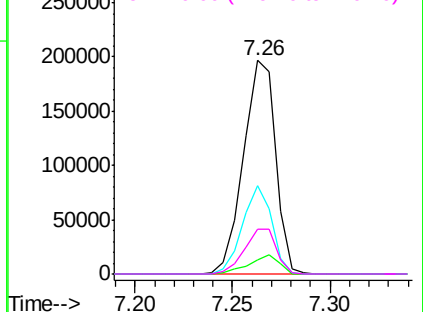
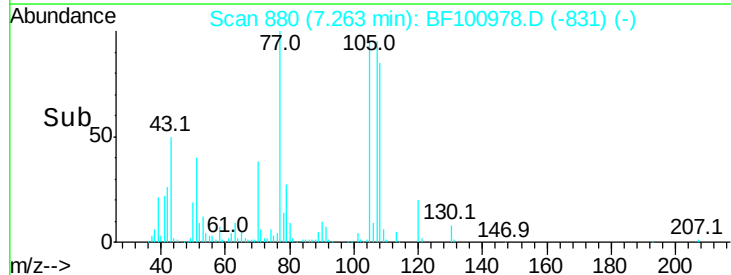


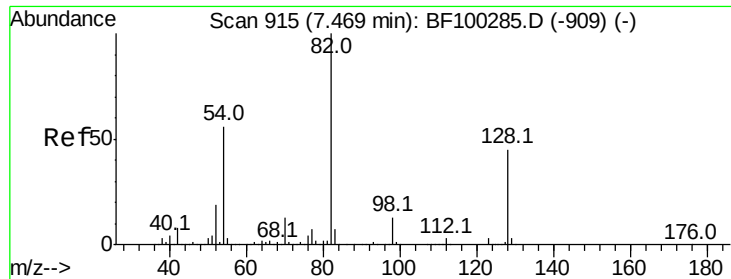
#22
Acetophenone
Concen: 33.538 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:	105	Resp:	224499
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.4	6.6
51	41.6	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

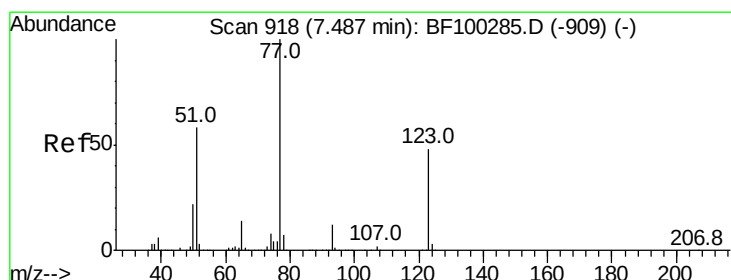
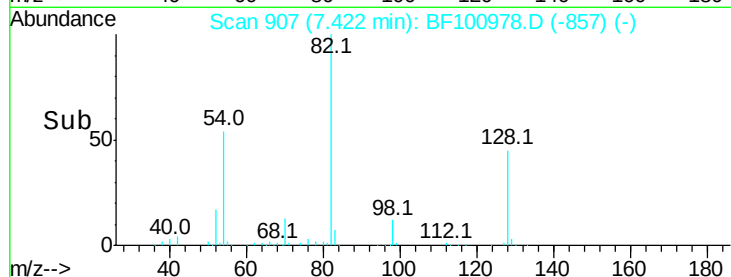
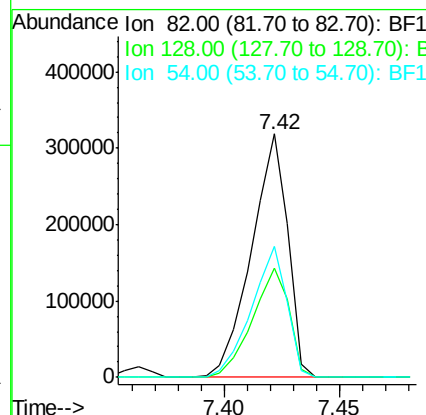
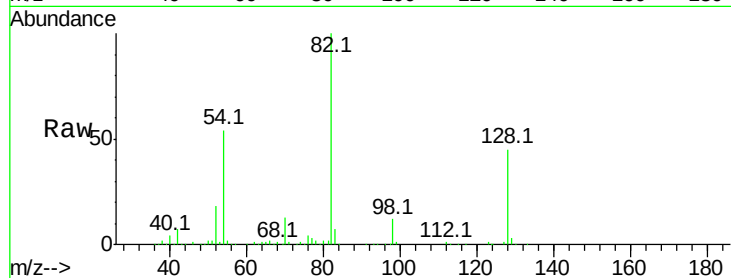




#23
Nitrobenzene-d5
Concen: 83.970 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

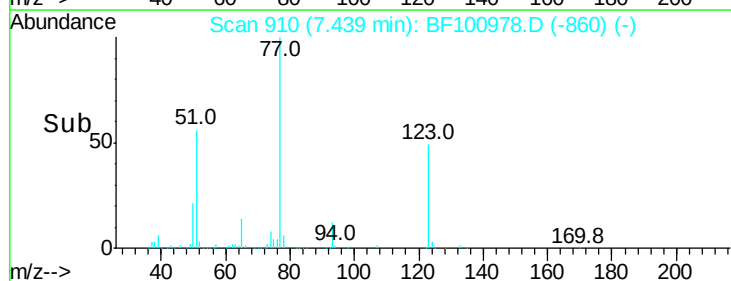
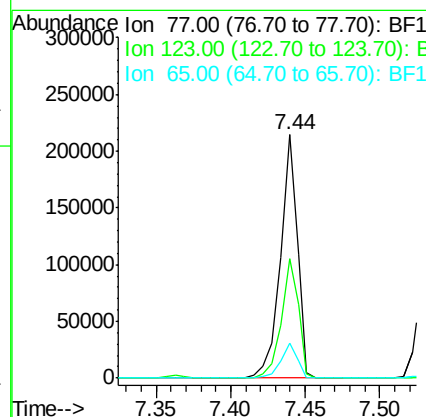
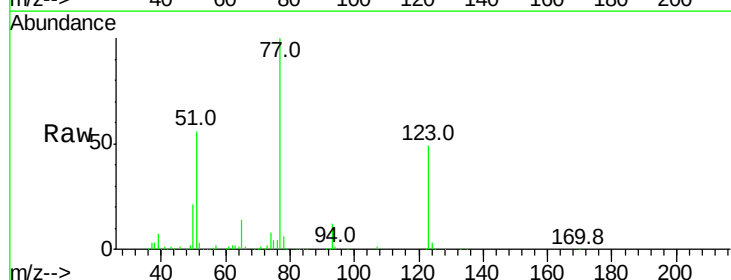
Instrument :
BNA_F
ClientSampled :

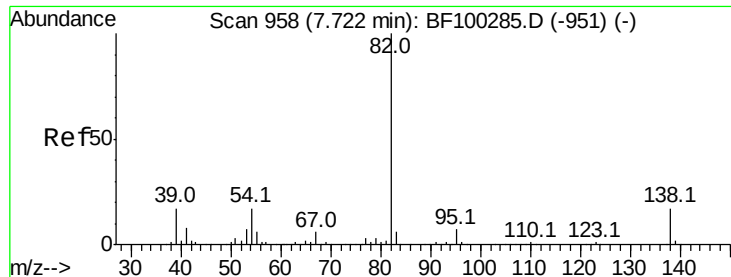
Tot Ion: 82 Resp: 348656
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 54.0 41.4 62.2



#24
Nitrobenzene
Concen: 39.687 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion: 77 Resp: 169605
Ion Ratio Lower Upper
77 100
123 49.0 37.9 56.9
65 14.1 11.0 16.4





#25

Isophorone

Concen: 35.775 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

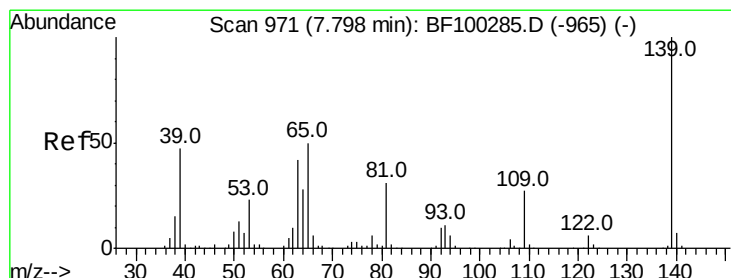
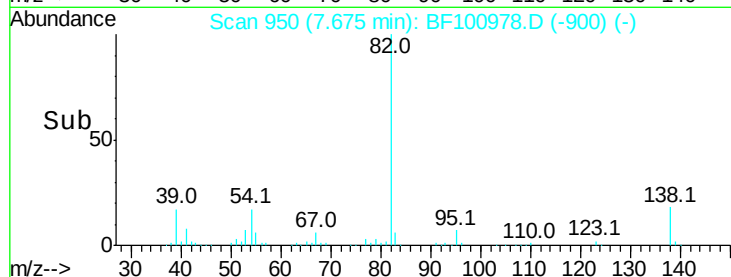
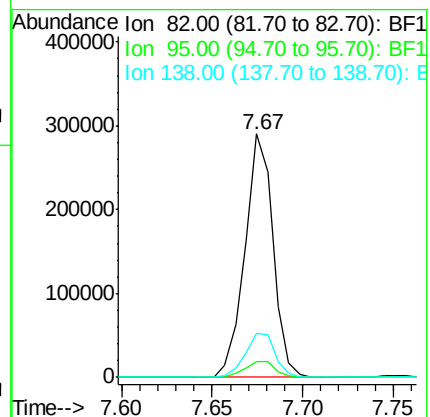
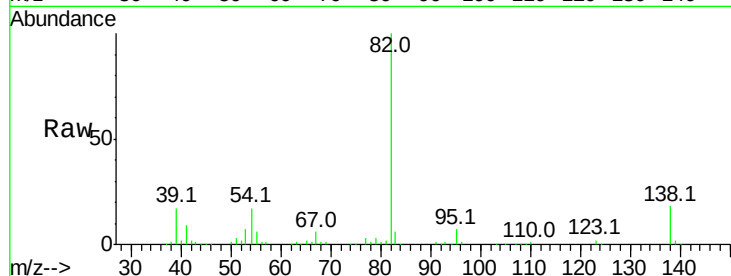
Tot Ion: 82 Resp: 312152

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 46.265 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

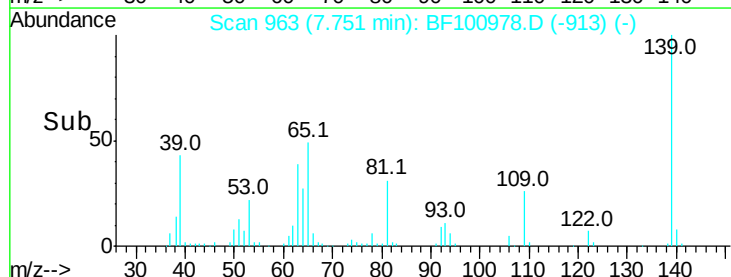
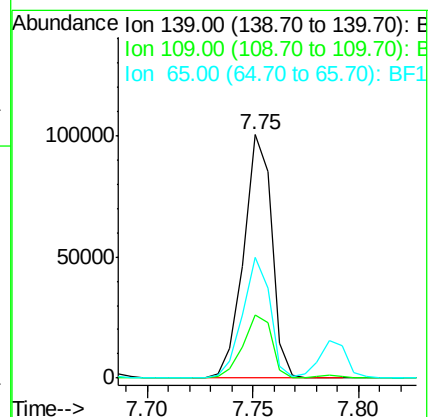
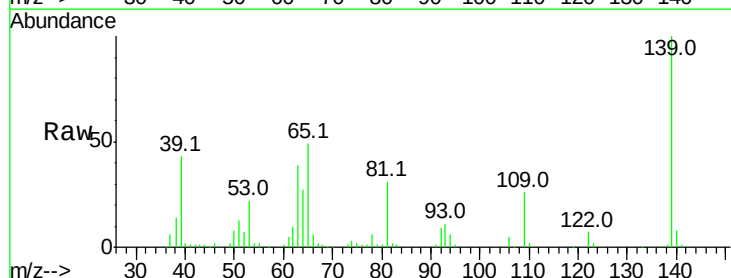
Tgt Ion: 139 Resp: 92263

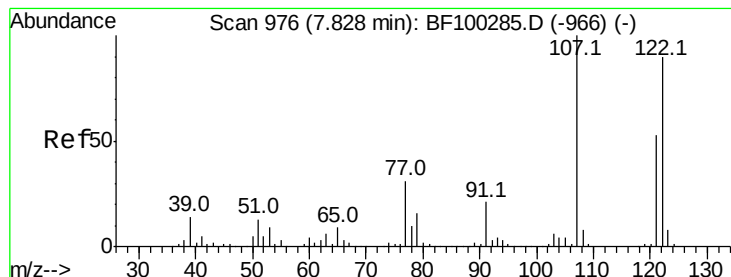
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 49.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.693 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

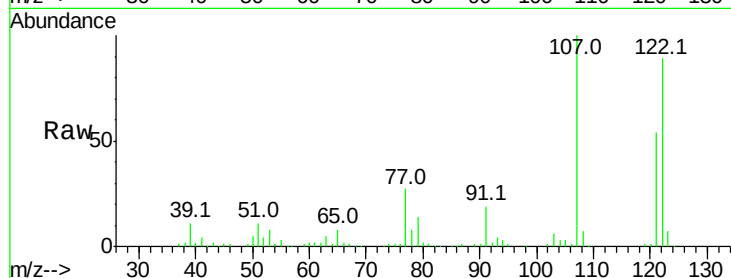
Tot Ion:122 Resp: 147434

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

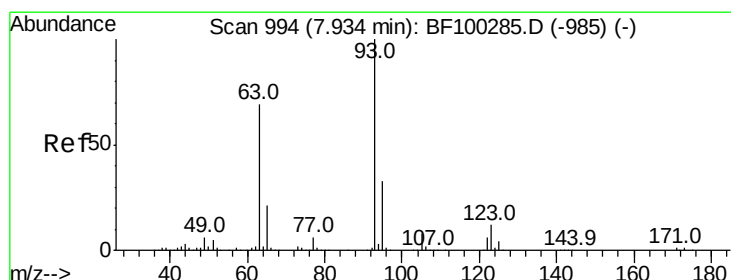
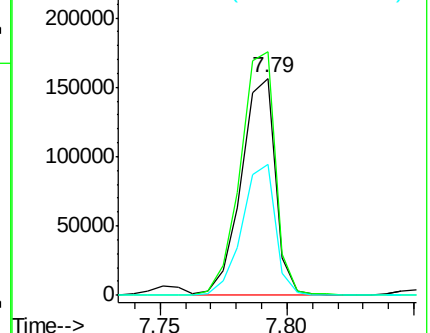
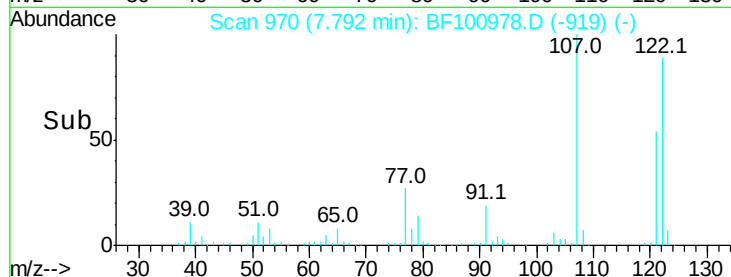
121 60.3 47.2 70.8



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: 35.254 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

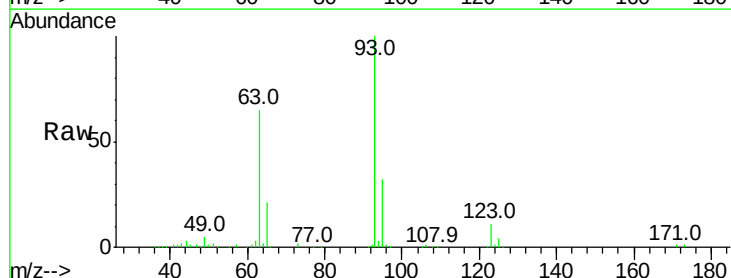
Tgt Ion: 93 Resp: 201210

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

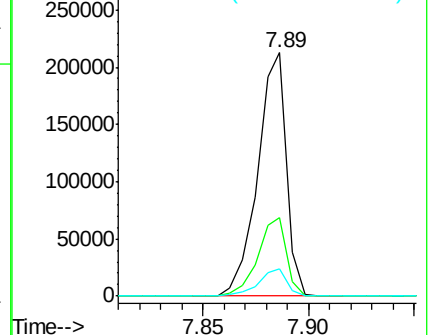
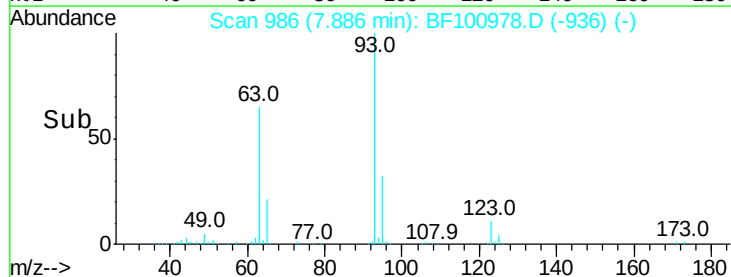
123 11.3 9.8 14.6

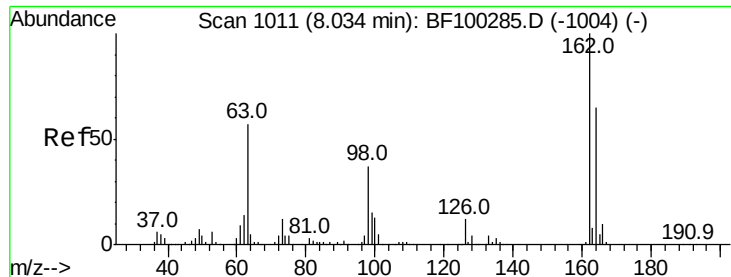


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

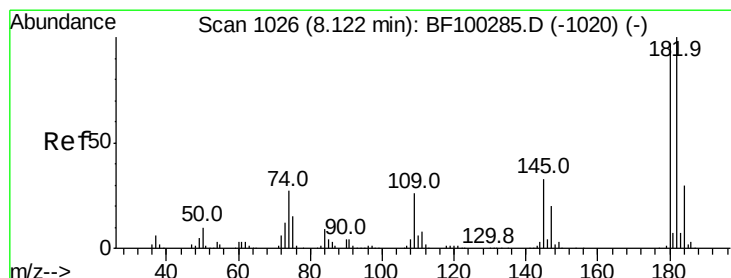
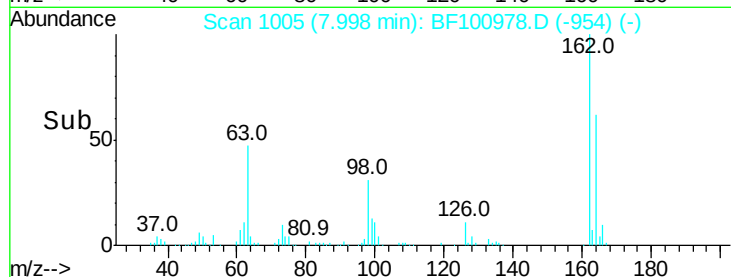
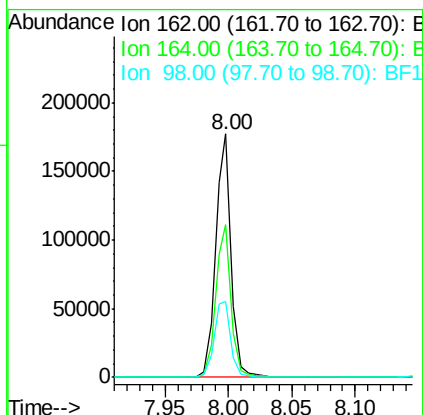
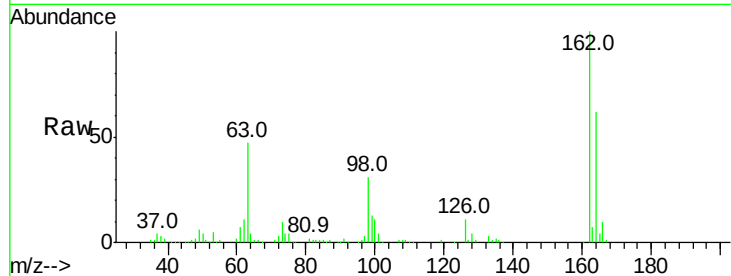




#29
 2,4-Dichlorophenol
 Concen: 40.842 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

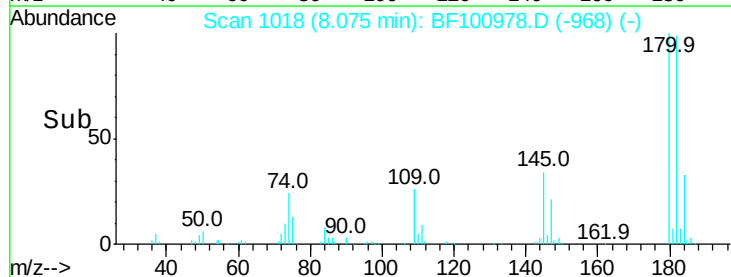
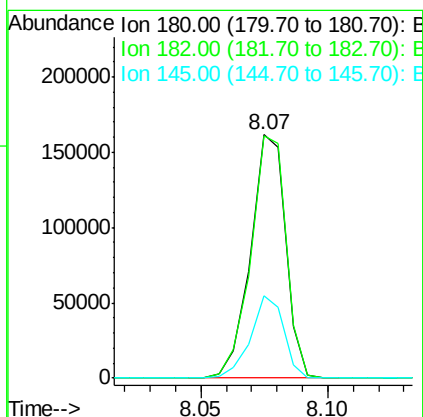
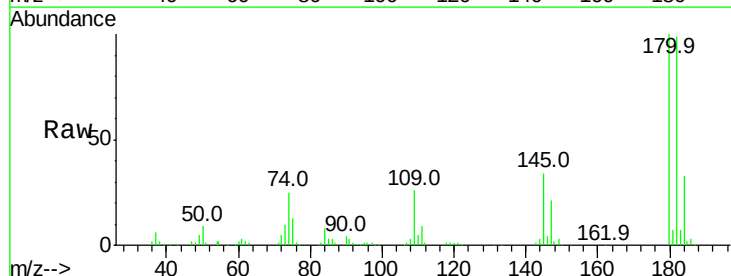
Instrument :
 BNA_F
 ClientSampled :

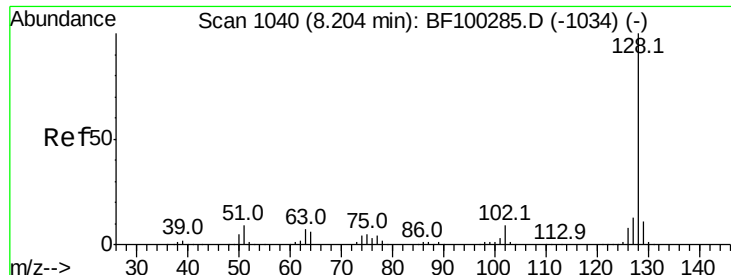
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	31.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.788 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.8	115.2
145	33.7	26.5	39.7

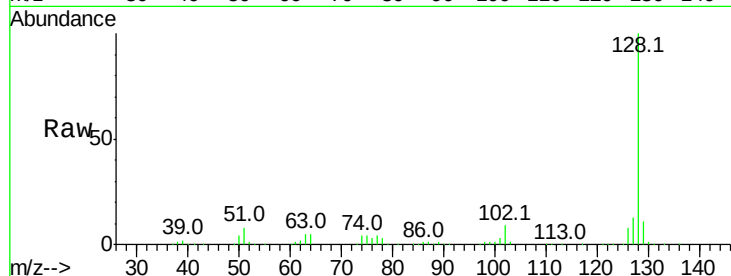




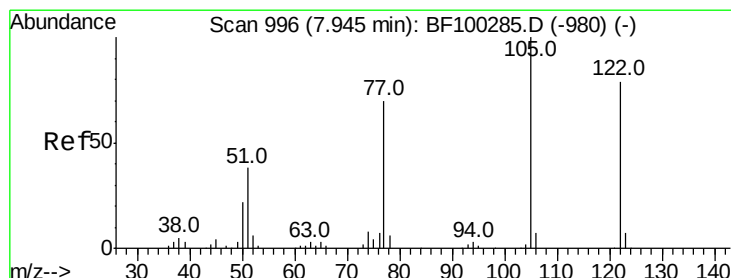
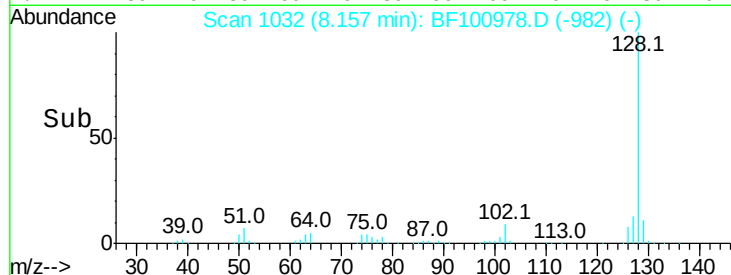
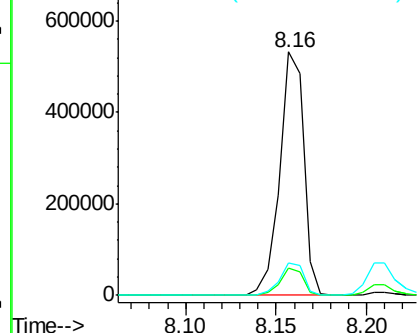
#31
Naphthalene
Concen: 36.986 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 489032
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

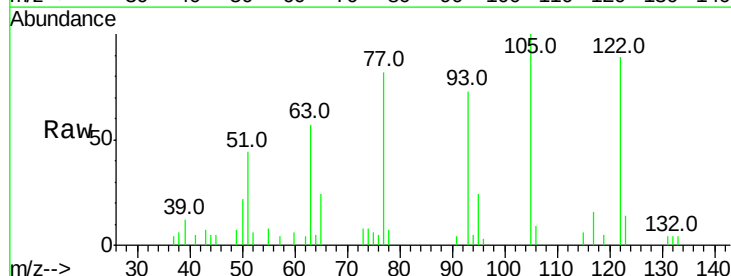


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

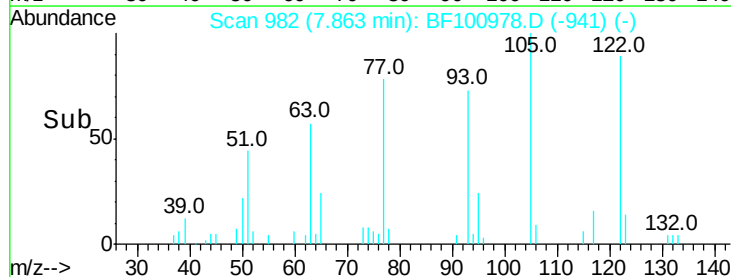
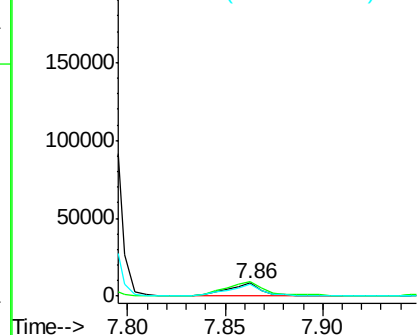


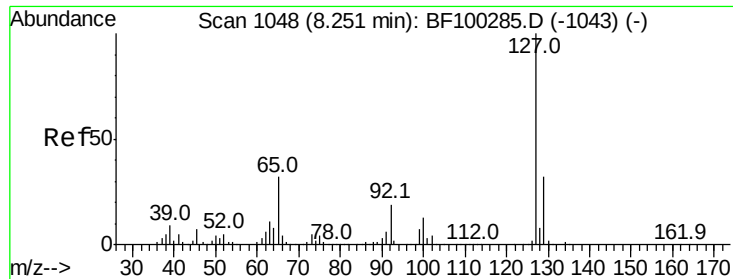
#32
Benzoic acid
Concen: 12.263 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.06 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:122 Resp: 10765
Ion Ratio Lower Upper
122 100
105 112.4 101.1 141.1
77 91.7 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

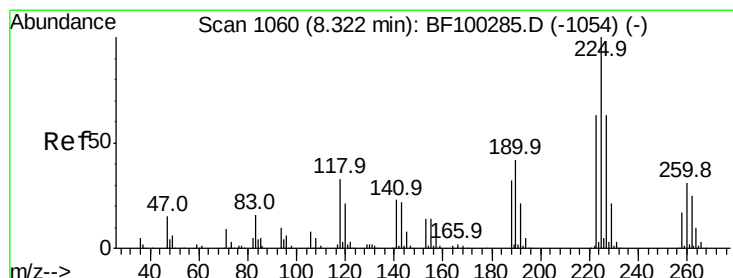
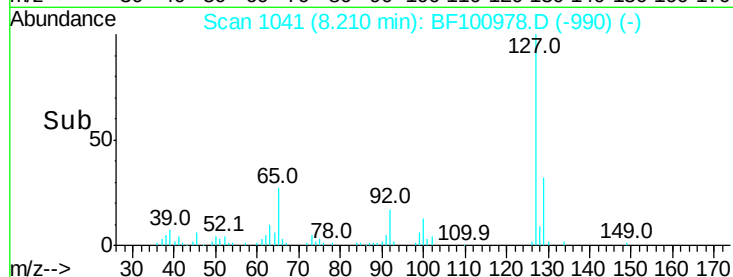
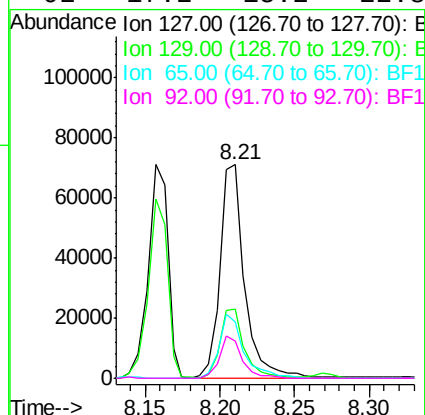
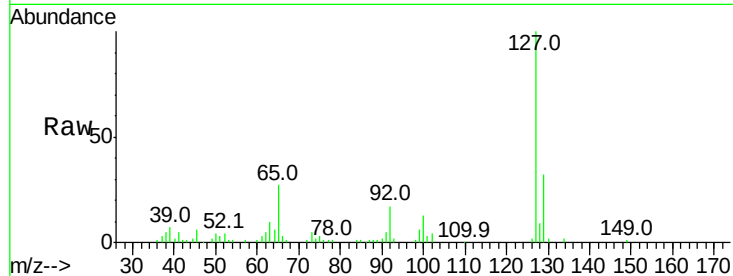




#33
4-Chloroaniline
Concen: 15.068 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

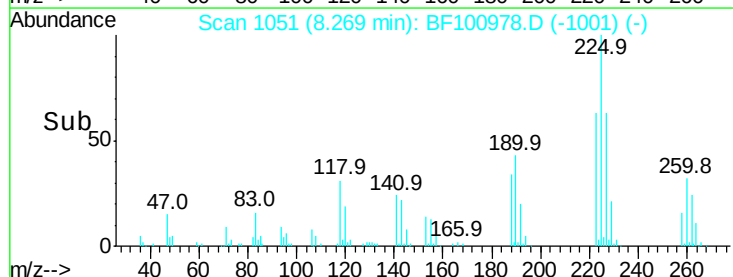
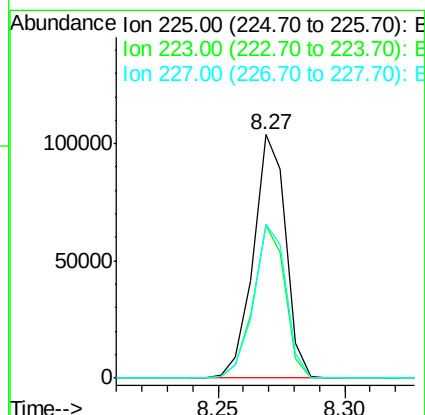
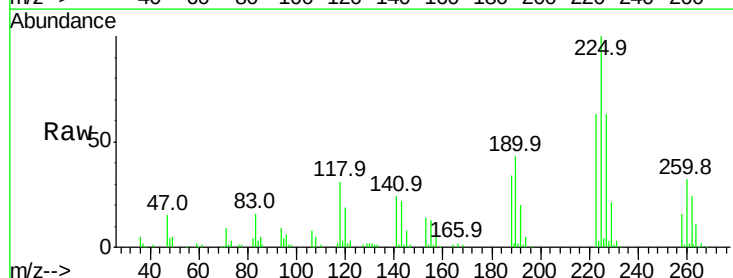
Instrument :
BNA_F
ClientSampleId :

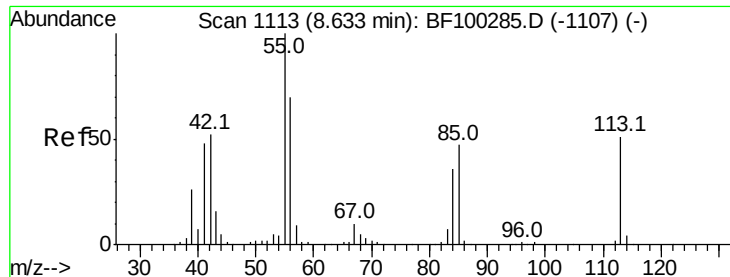
Tot Ion:	127	Resp:	82928
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.6	25.0	37.4
92	17.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.258 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:	225	Resp:	91877
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9

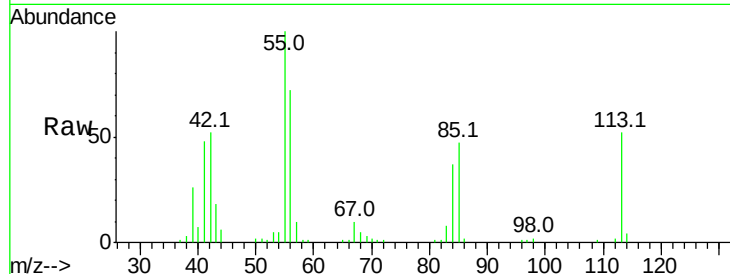




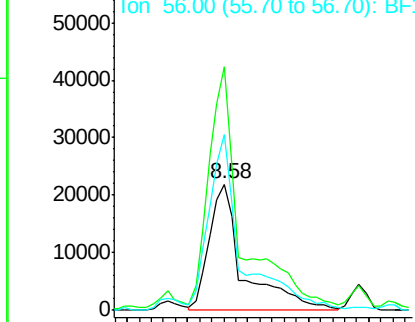
#35
 Caprolactam
 Concen: 33.664 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampled :

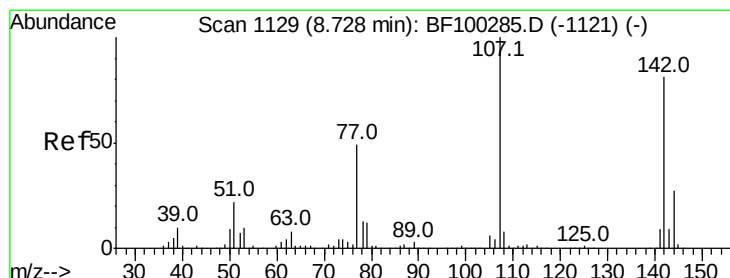
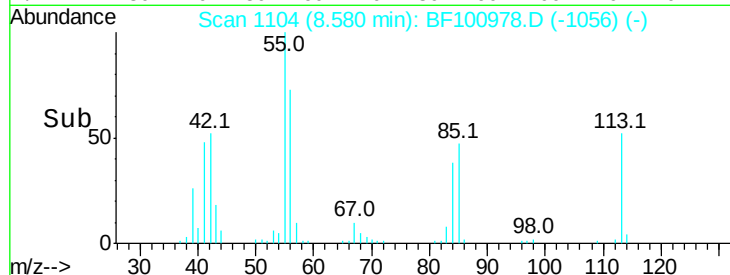
Tot Ion:113 Resp: 43139
 Ion Ratio Lower Upper
 113 100
 55 193.5 163.3 203.3
 56 139.7 115.7 155.7



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

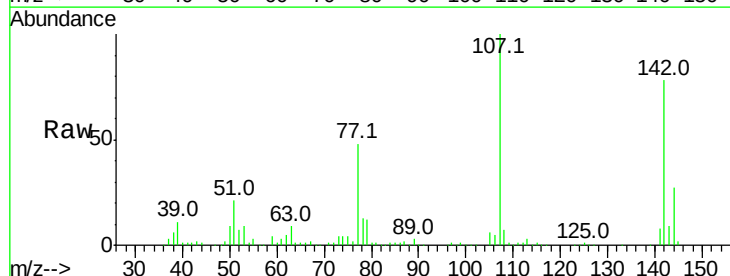


Time-->

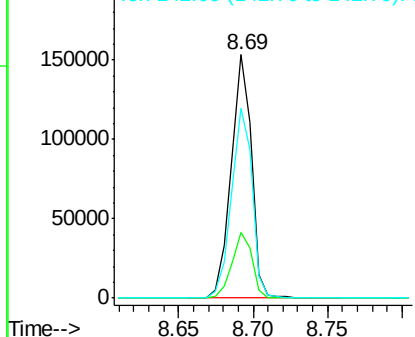


#36
 4-Chloro-3-methylphenol
 Concen: 37.065 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

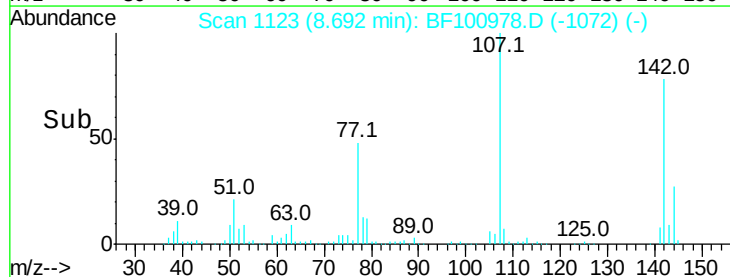
Tgt Ion:107 Resp: 148644
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 77.9 62.0 93.0

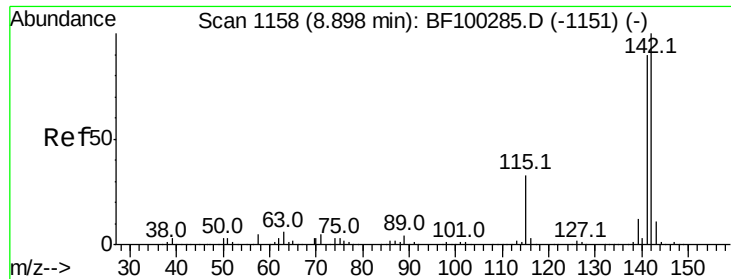


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

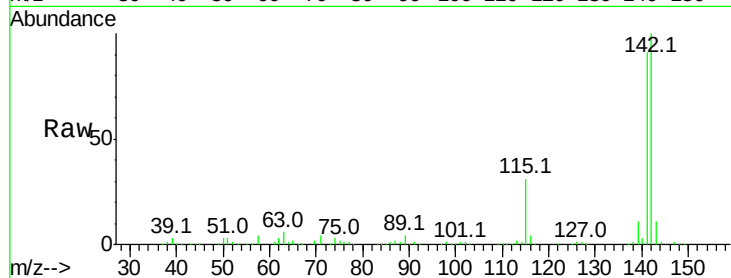




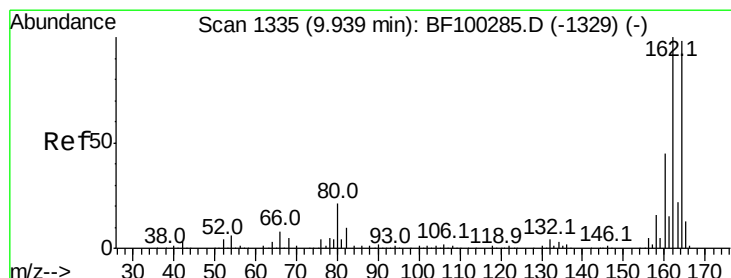
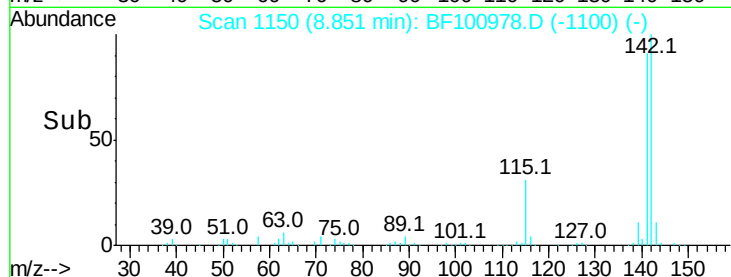
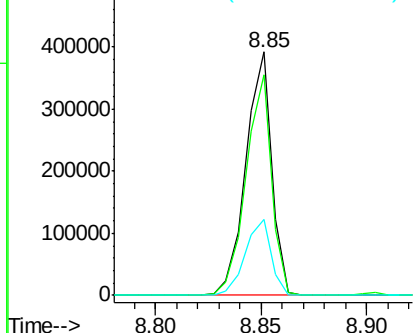
#37
2-Methylnaphthalene
Concen: 38.188 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	31.3	26.1	39.1

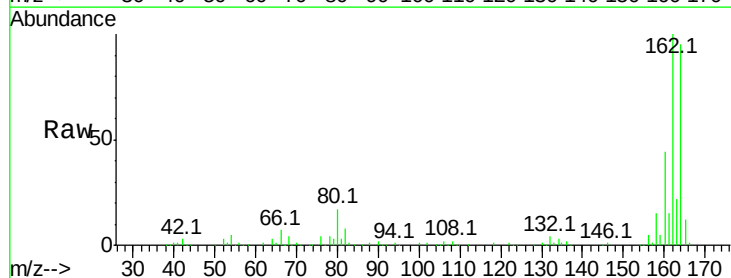


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

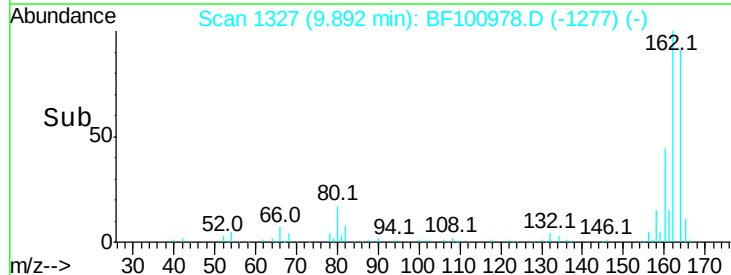
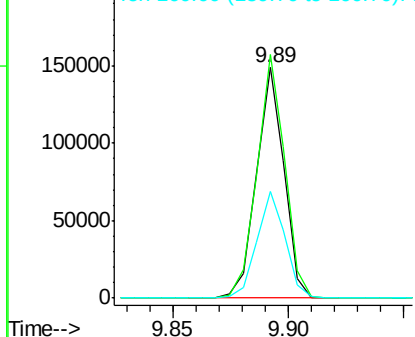


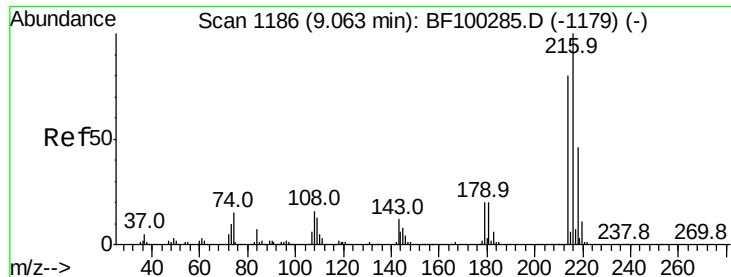
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

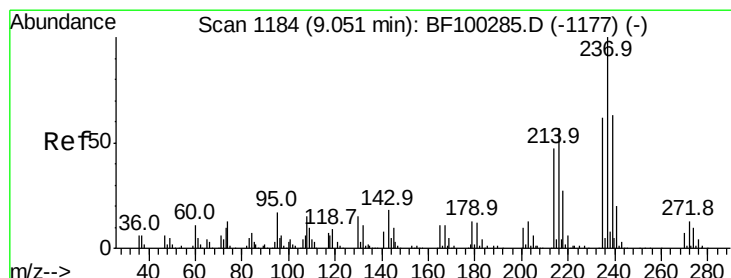
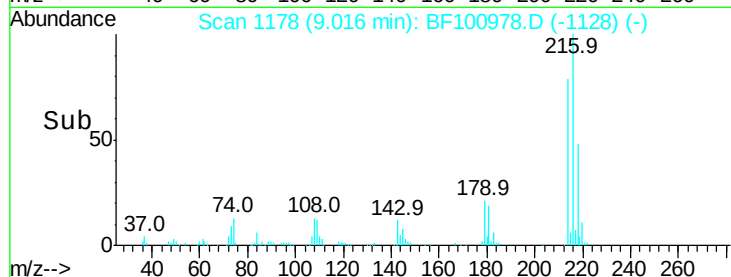
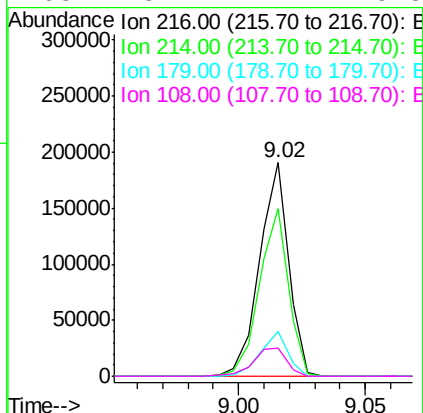
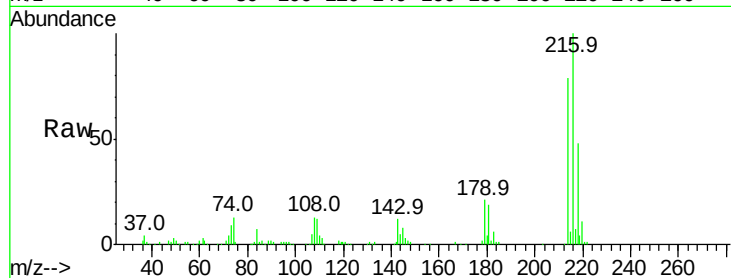




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.502 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

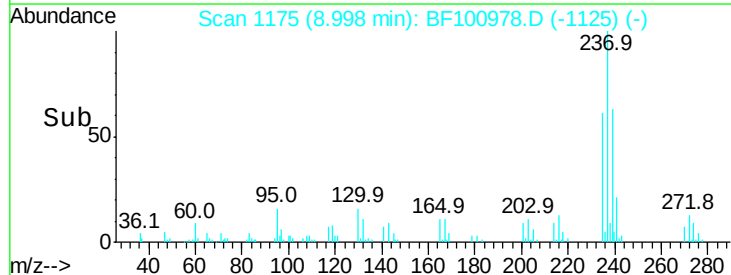
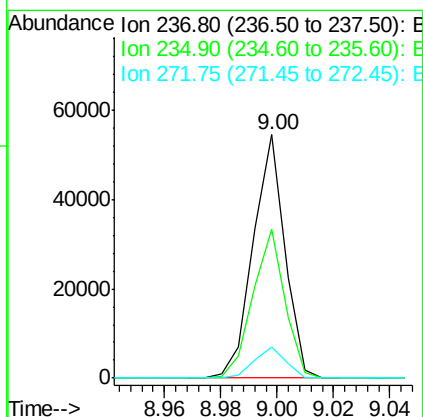
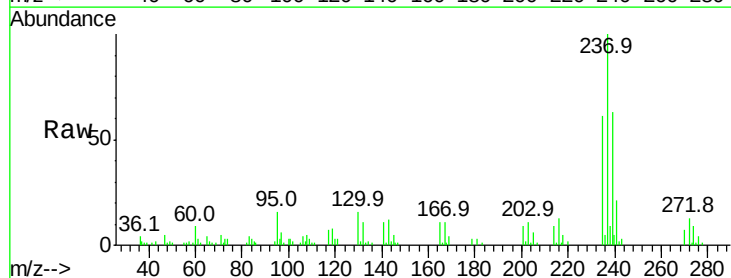
Instrument :
 BNA_F
 ClientSampled :

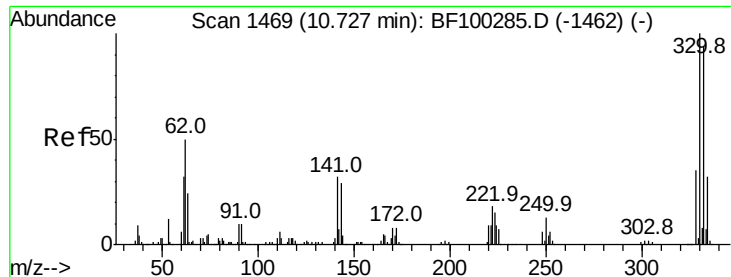
Tot Ion:	216	Resp:	153037
Ion Ratio		Lower	Upper
216	100		
214	78.8	63.0	94.4
179	19.9	18.1	27.1
108	15.7	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 22.081 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:	237	Resp:	42408
Ion Ratio		Lower	Upper
237	100		
235	61.3	44.8	84.8
272	12.7	0.0	33.3

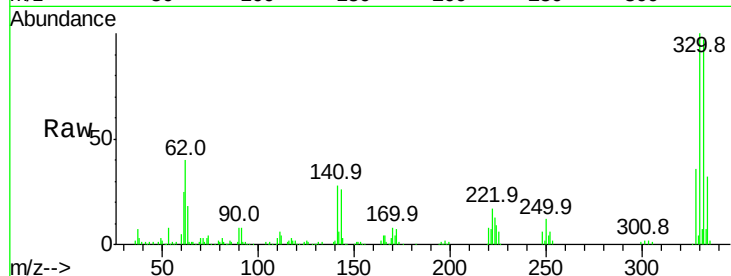




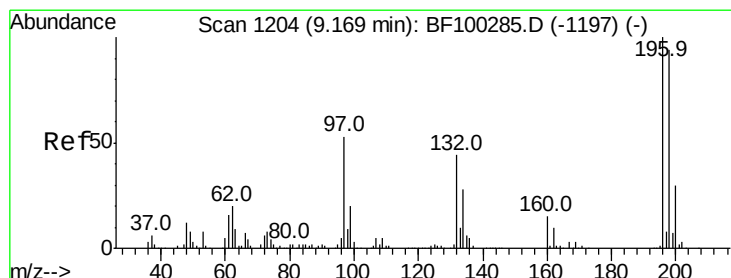
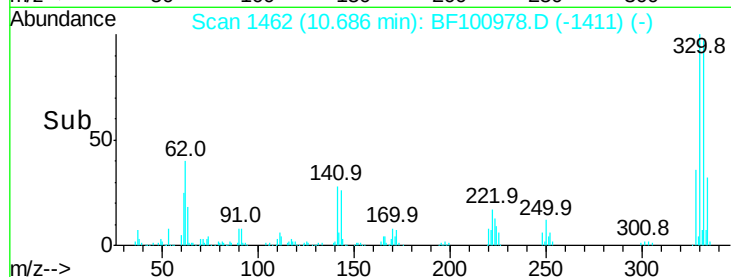
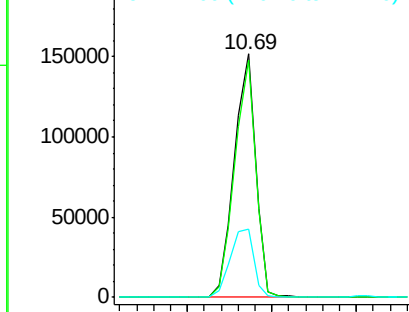
#41
 2,4,6-Tribromophenol
 Concen: 107.301 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.7	29.9	44.9

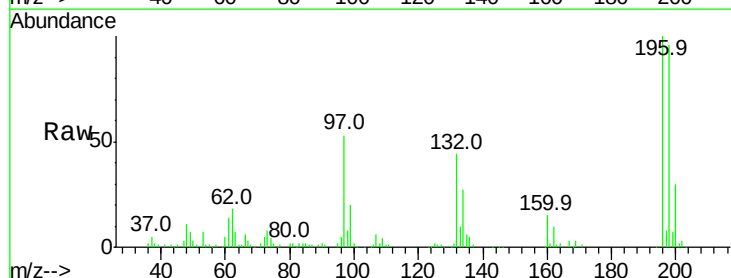


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

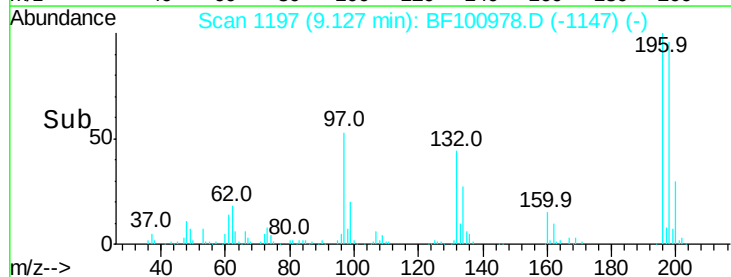
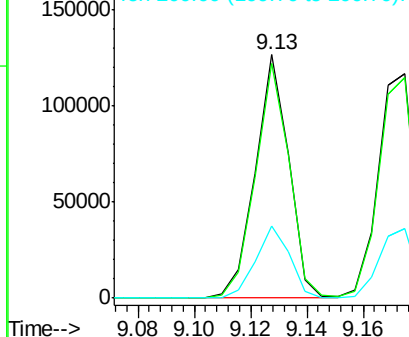


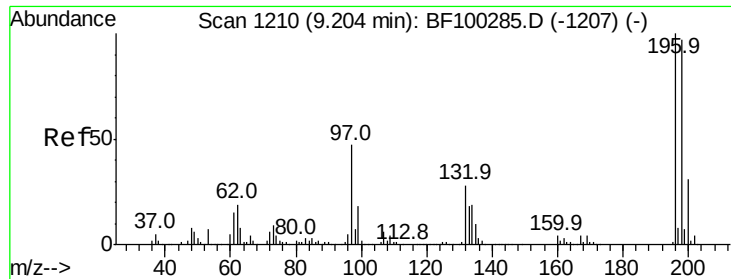
#42
 2,4,6-Trichlorophenol
 Concen: 40.365 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	29.6	24.5	36.7



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

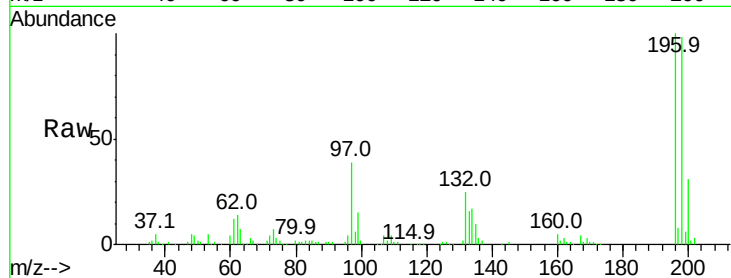




#43
 2,4,5-Trichlorophenol
 Concen: 40.343 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	108104
Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.6	112.0
97	39.2	42.9	64.3#
132	25.2	26.3	39.5#



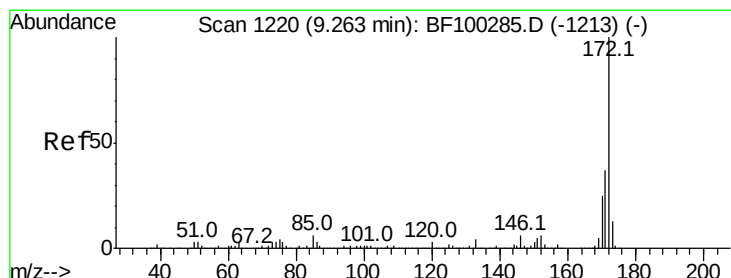
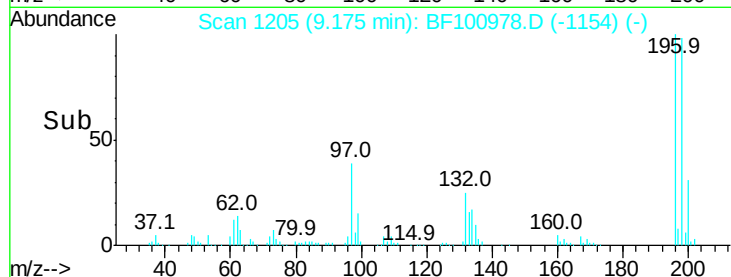
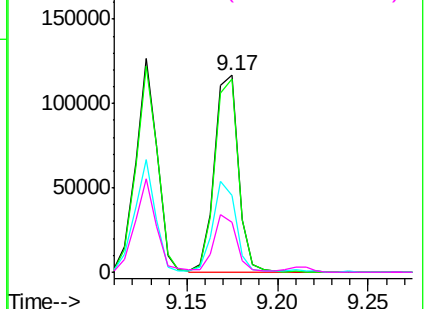
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

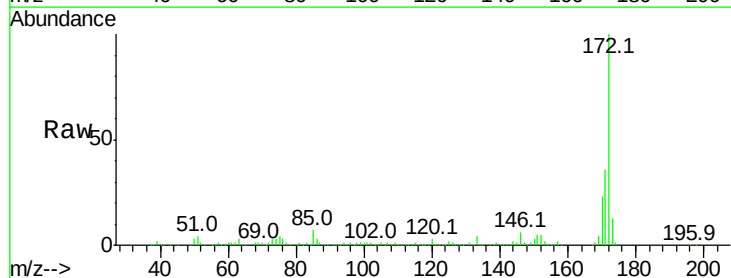
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.910 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:	172	Resp:	694203
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4

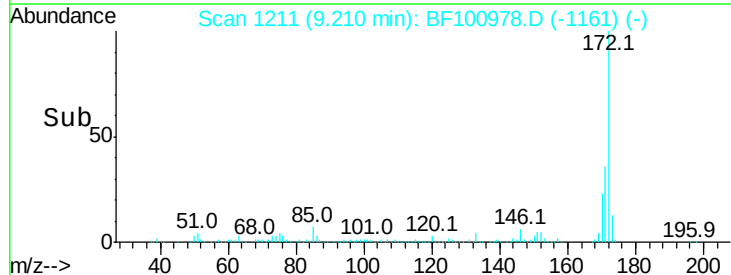
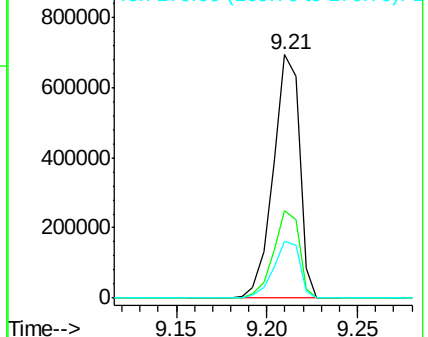


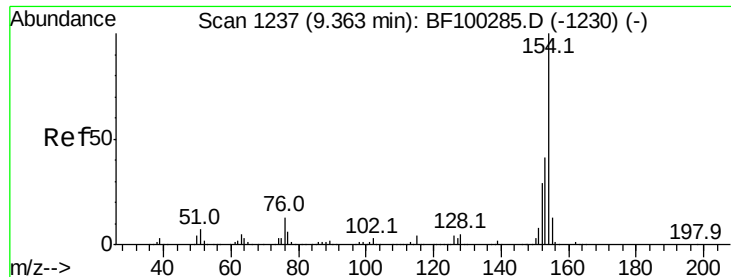
Abundance

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: 36.419 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

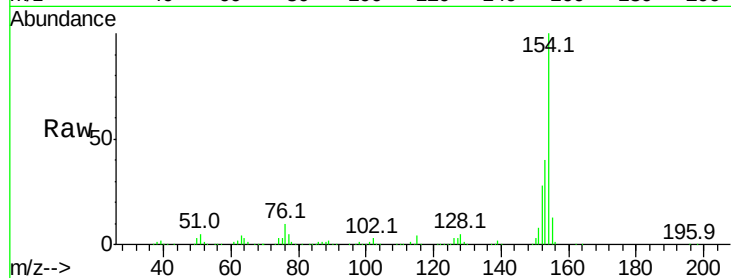
Tot Ion:154 Resp: 387573

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

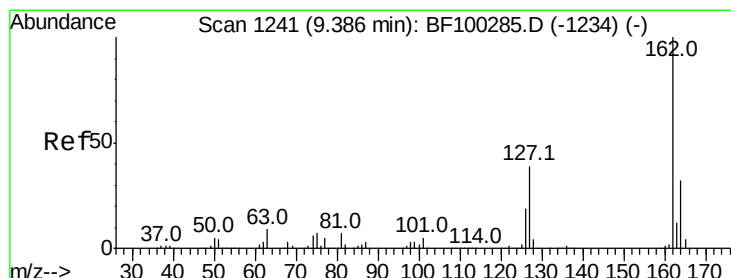
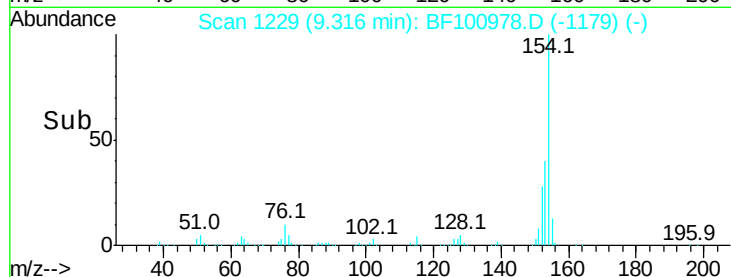
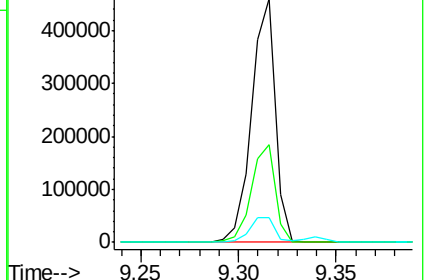
76 9.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.745 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

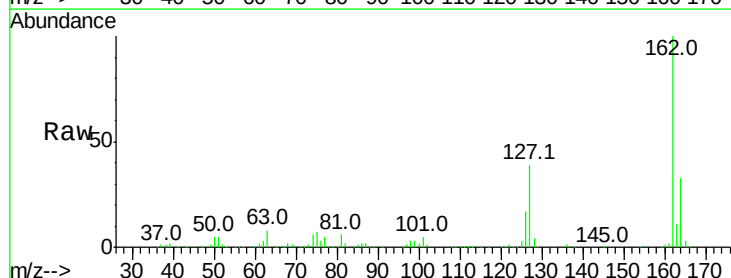
Tgt Ion:162 Resp: 306850

Ion Ratio Lower Upper

162 100

127 38.6 33.9 50.9

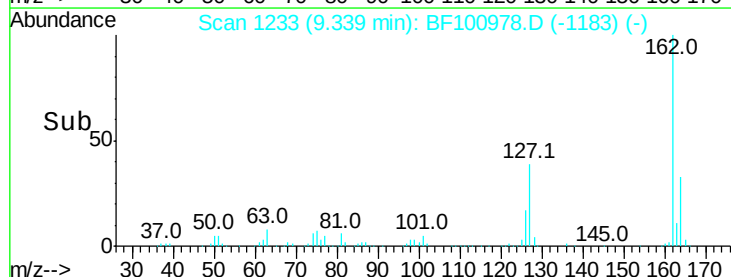
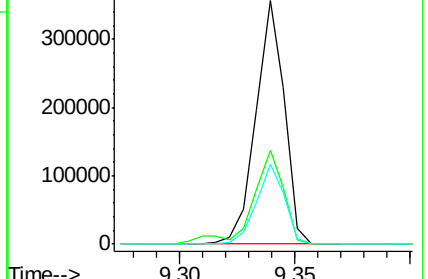
164 32.5 26.5 39.7

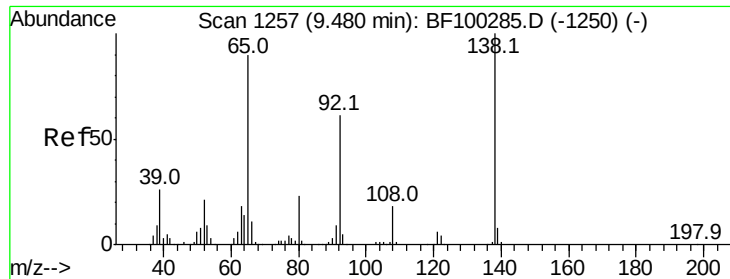


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.904 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

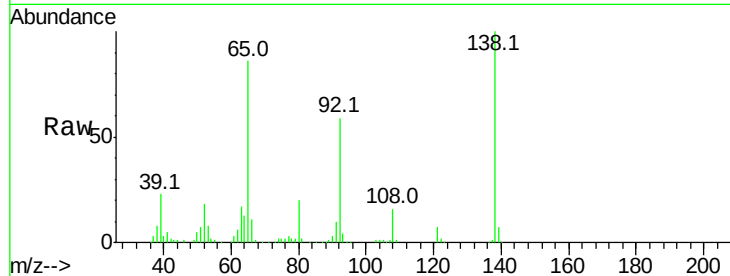
Tot Ion: 65 Resp: 89894

Ion Ratio Lower Upper

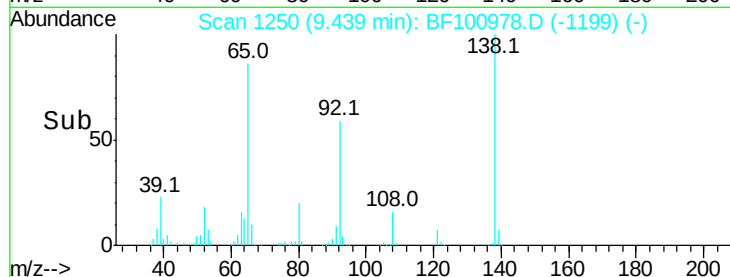
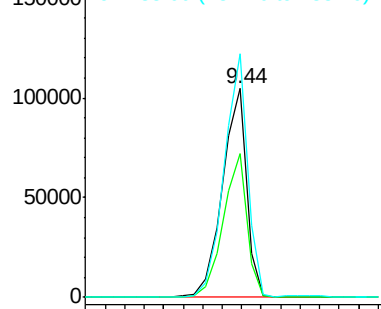
65 100

92 69.0 55.8 83.6

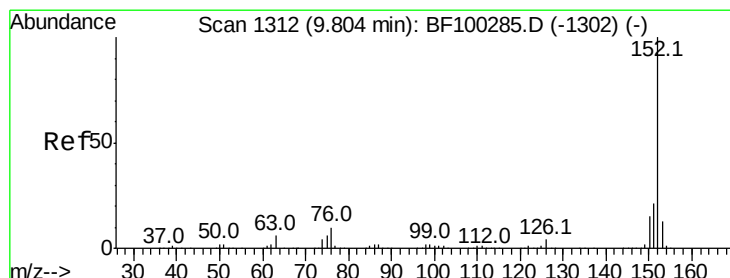
138 116.8 91.2 136.8



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



Time-->



#48

Acenaphthylene

Concen: 35.721 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

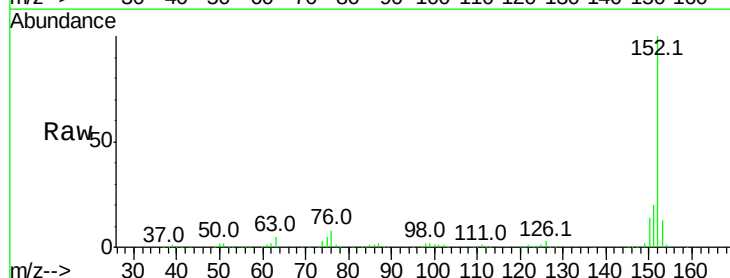
Tgt Ion: 152 Resp: 457029

Ion Ratio Lower Upper

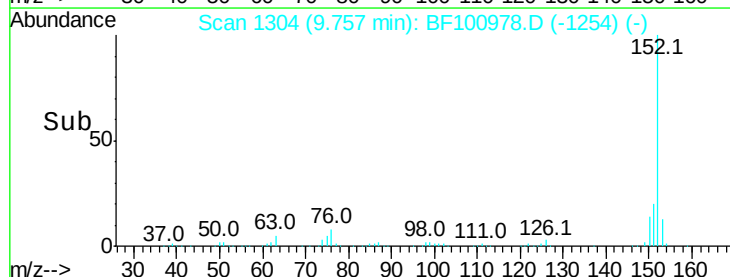
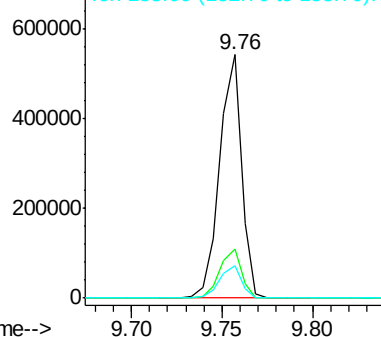
152 100

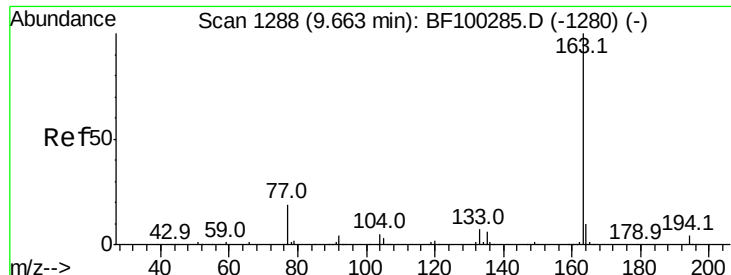
151 20.1 16.3 24.5

153 13.1 10.7 16.1



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

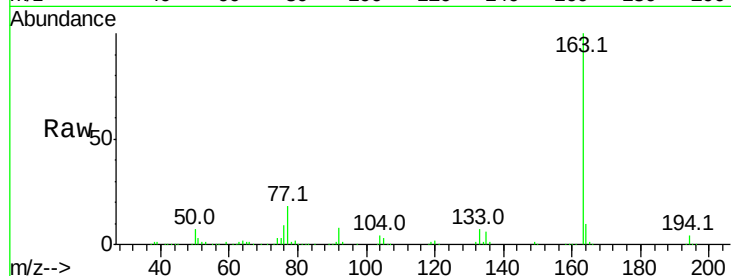




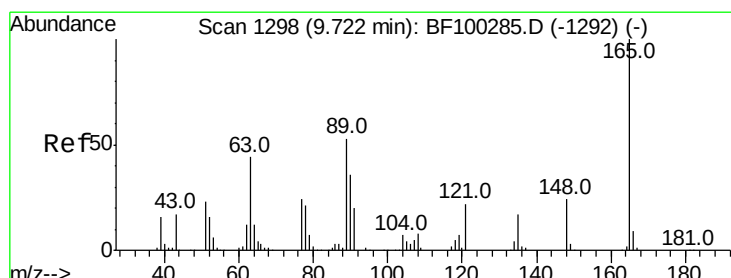
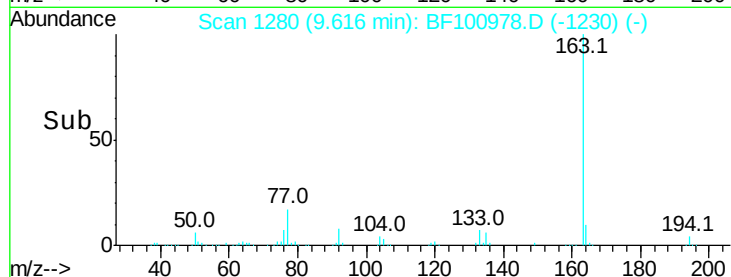
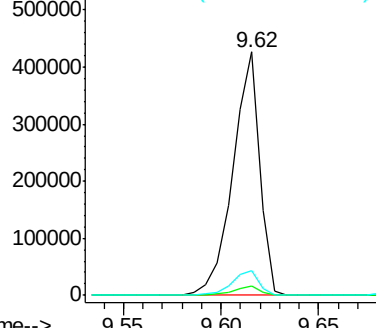
#49
Dimethylphthalate
Concen: 43.024 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 404194
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 8.2 12.2

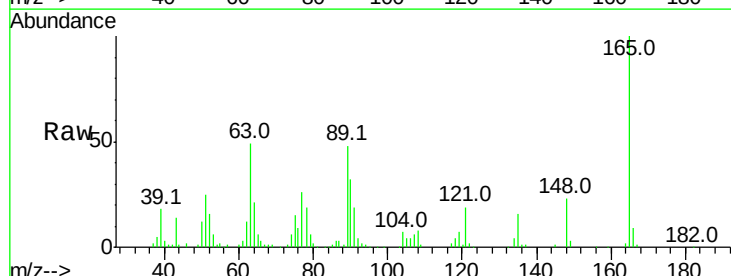


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

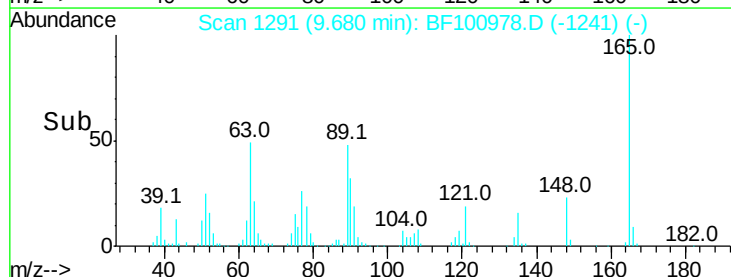
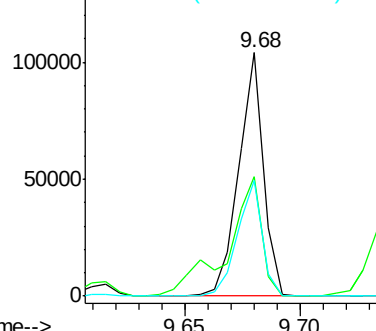


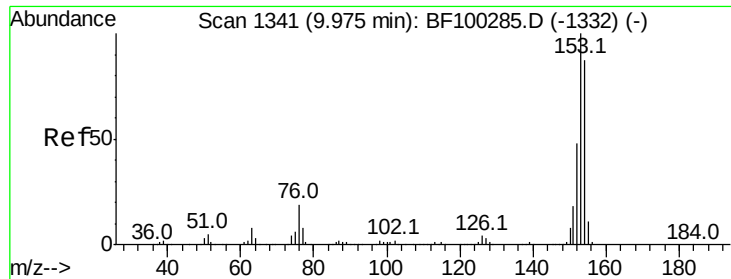
#50
2,6-Dinitrotoluene
Concen: 41.733 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:165 Resp: 77607
Ion Ratio Lower Upper
165 100
63 49.0 44.7 67.1
89 47.7 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: 33.989 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

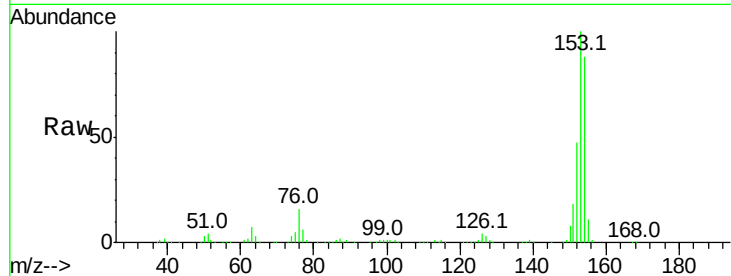
Tot Ion:154 Resp: 264480

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

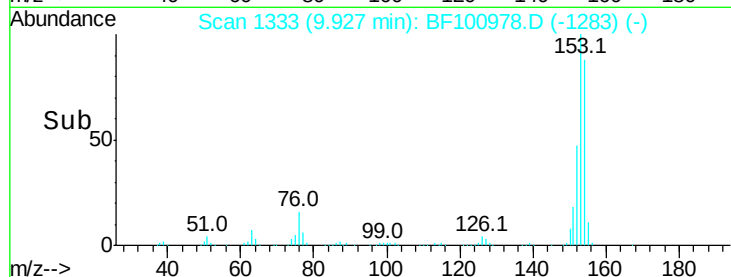
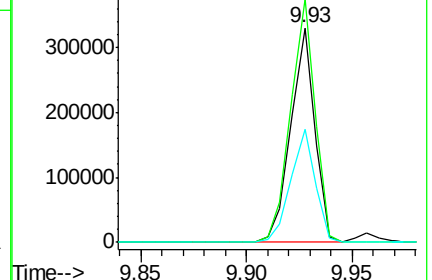
152 53.0 43.8 65.8



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: 29.322 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

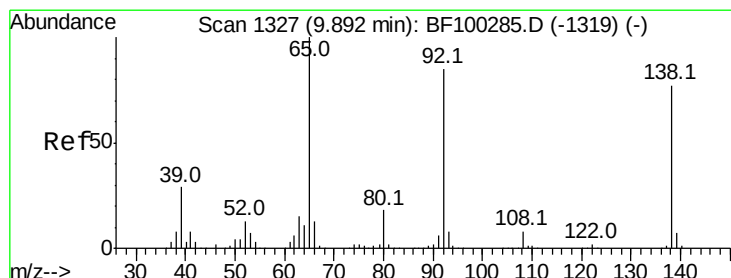
Tgt Ion:138 Resp: 64388

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

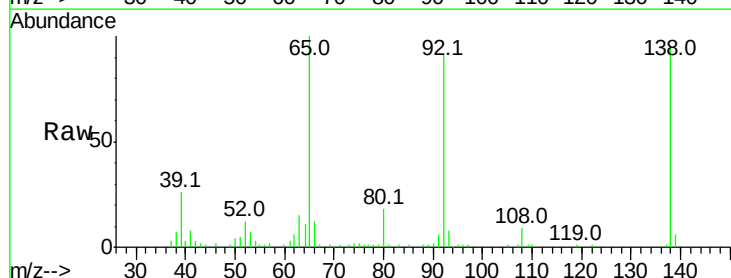
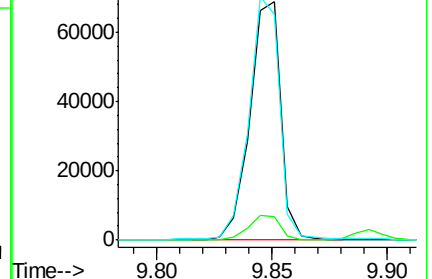
92 94.8 89.4 134.2

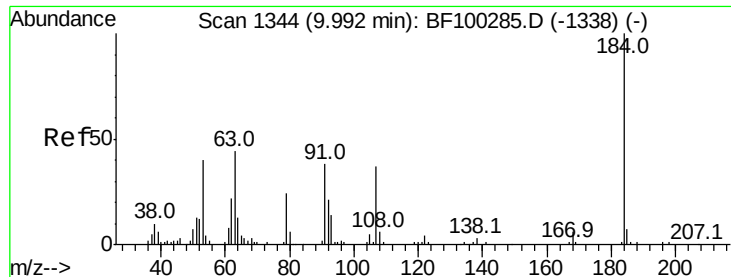


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

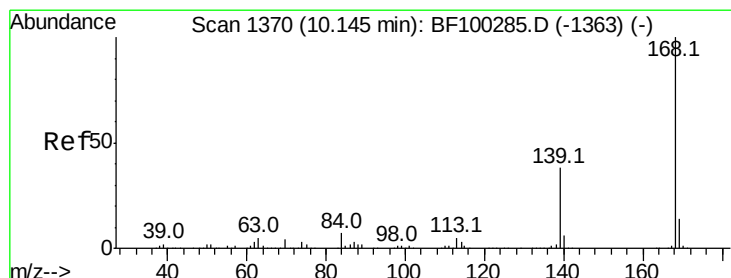
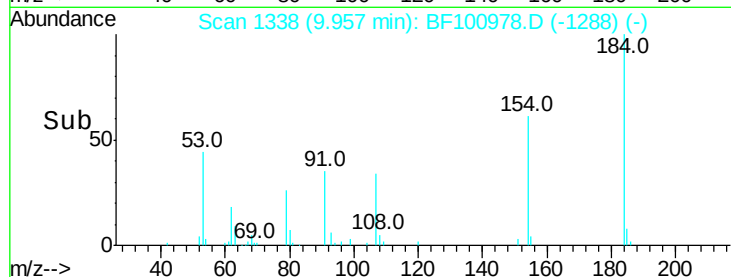
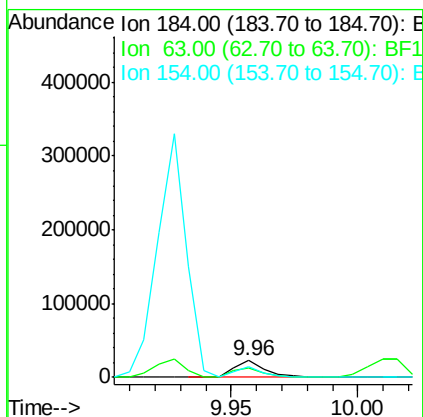
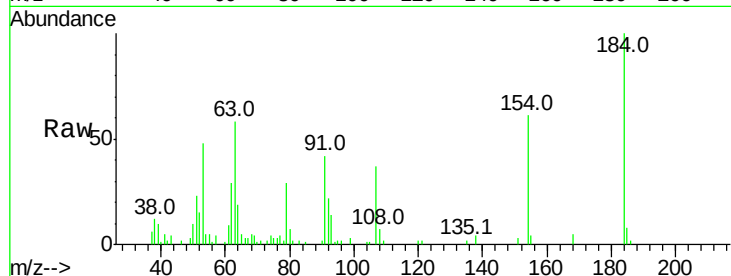




#53
 2,4-Dinitrophenol
 Concen: 35.524 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

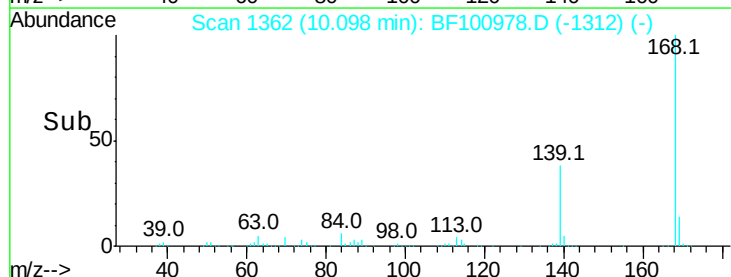
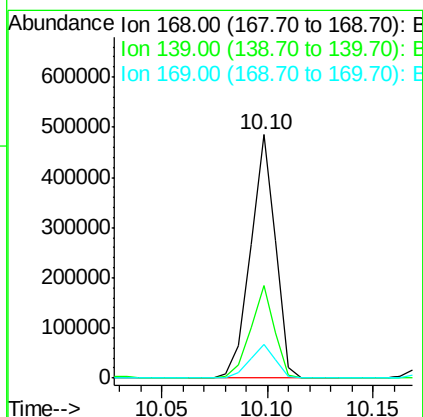
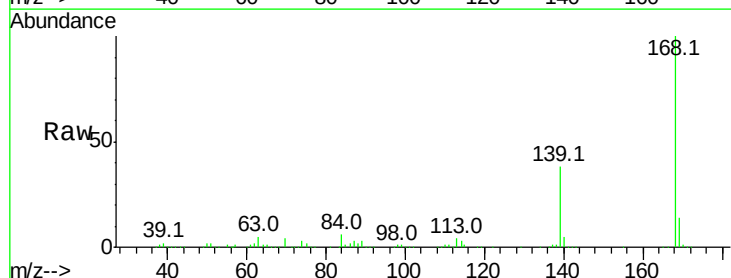
Instrument :
 BNA_F
 ClientSampleId :

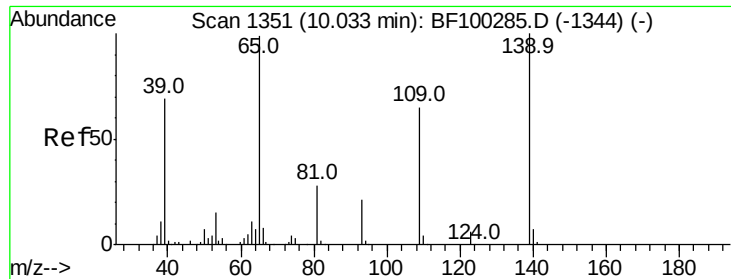
Tot Ion:184 Resp: 19563
 Ion Ratio Lower Upper
 184 100
 63 57.6 54.2 81.2
 154 60.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.340 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:168 Resp: 396325
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 57.292 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF100978.D

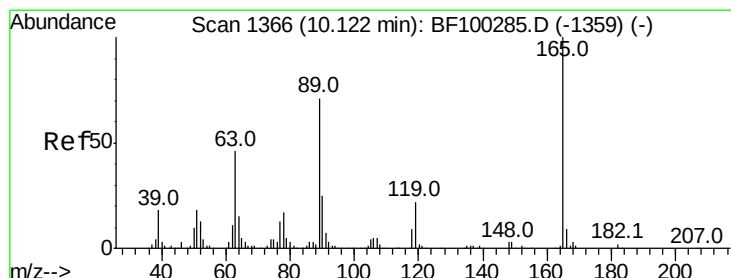
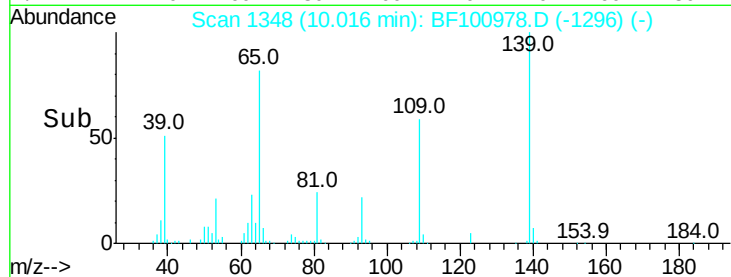
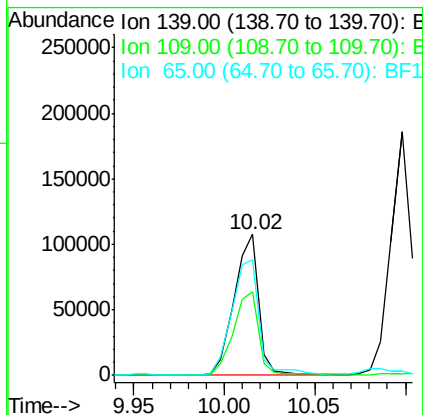
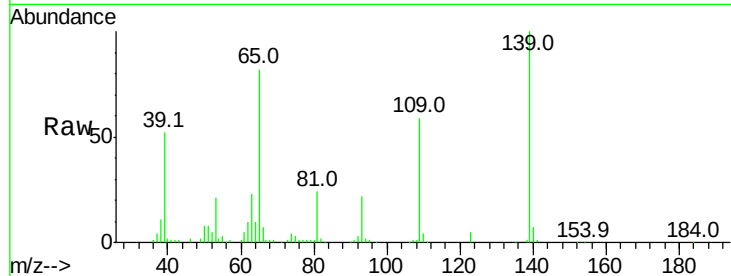
Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:139	Resp:	102154
Ion Ratio	Lower	Upper
139	100	
109	59.0	48.4 88.4
65	81.7	72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 41.406 ng

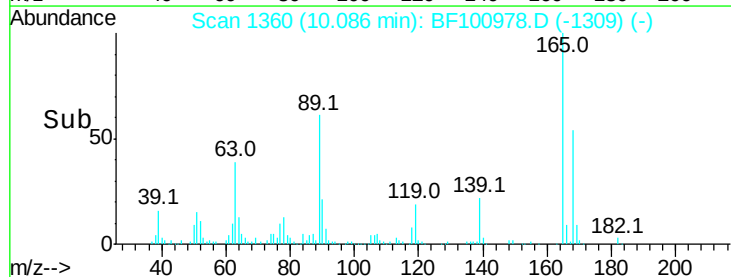
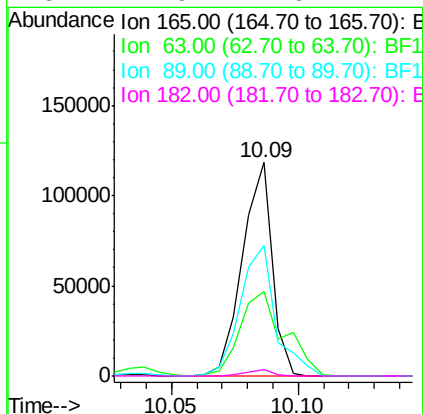
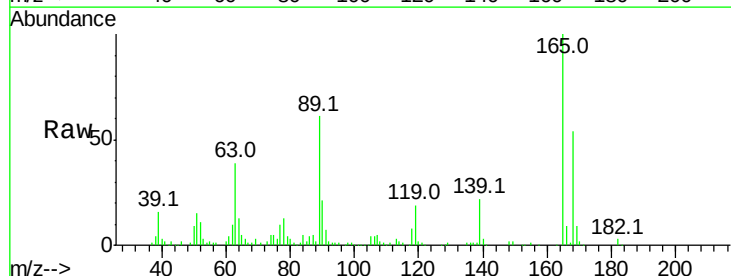
RT: 10.09 min Scan# 1360

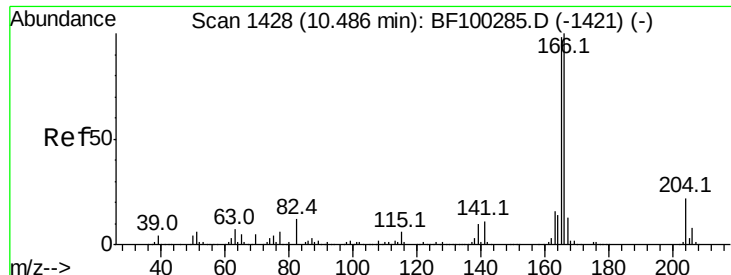
Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:165	Resp:	97136
Ion Ratio	Lower	Upper
165	100	
63	39.4	36.4 54.6
89	61.1	57.8 86.6
182	2.9	1.6 2.4#

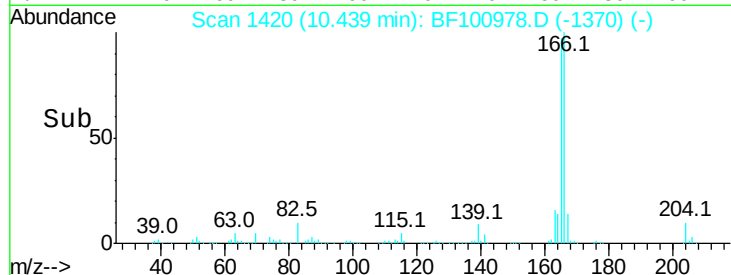
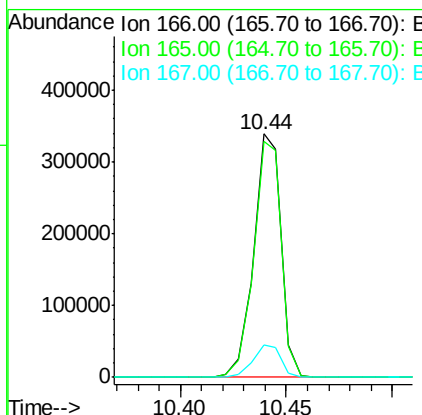
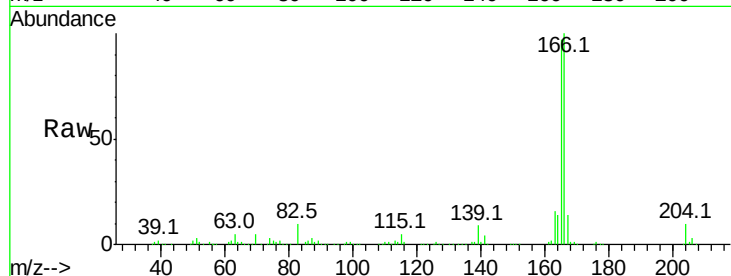




#57
 Fluorene
 Concen: 38.192 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

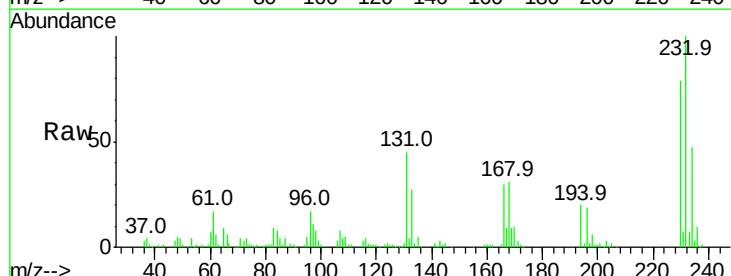
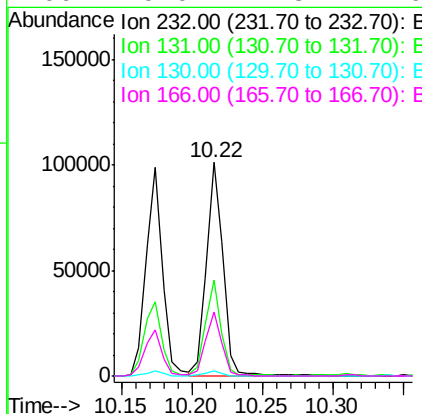
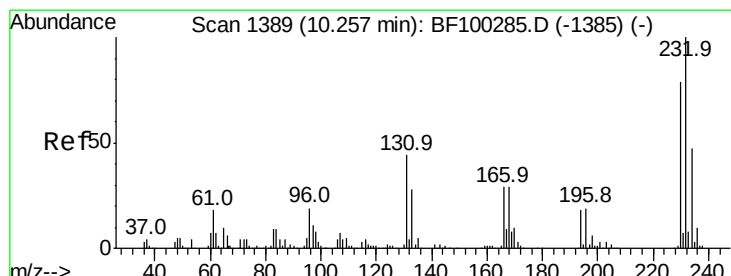
Instrument :
 BNA_F
 ClientSampleId :

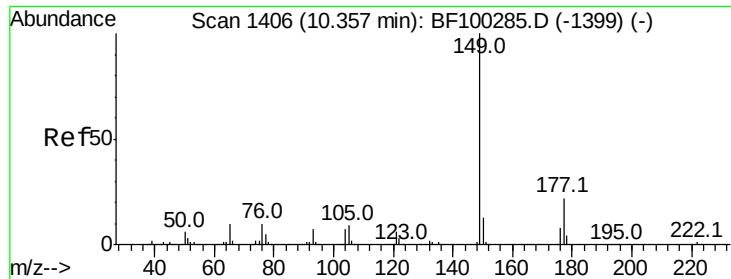
Tot Ion:166 Resp: 305131
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.840 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:232 Resp: 83103
 Ion Ratio Lower Upper
 232 100
 131 42.7 43.8 65.8#
 130 2.0 2.1 3.1#
 166 29.0 27.8 41.6

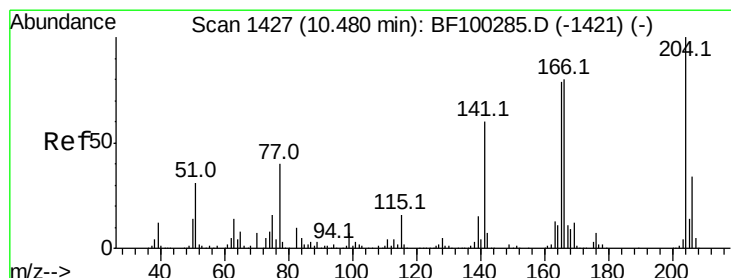
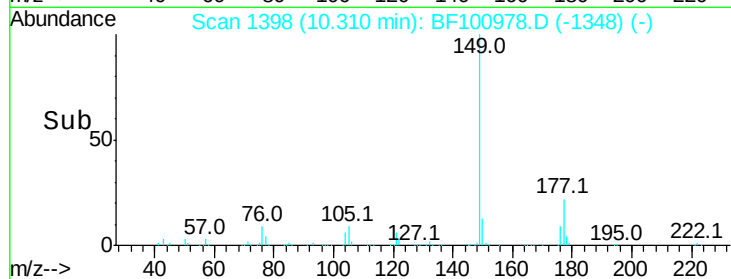
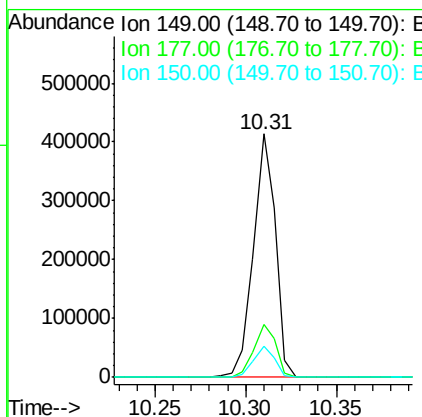
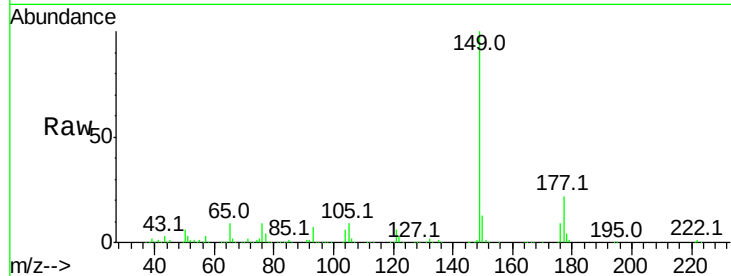




#59
Diethylphthalate
Concen: 37.273 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

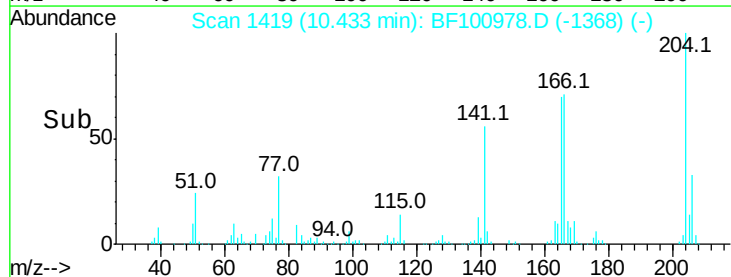
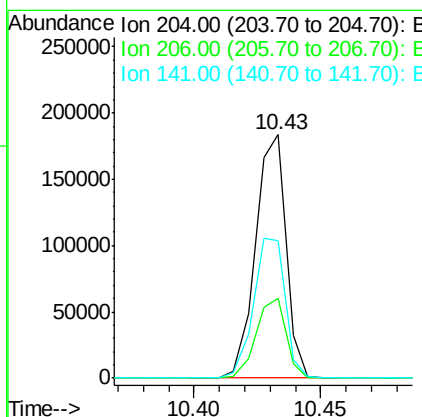
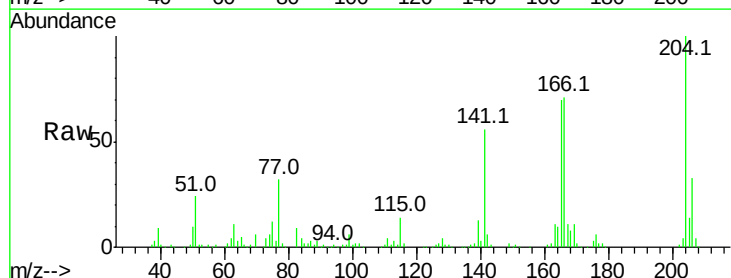
Instrument :
BNA_F
ClientSampled :

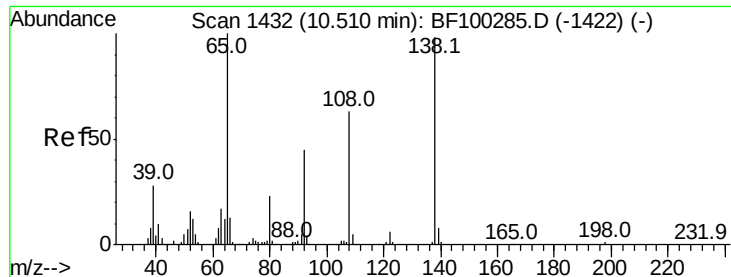
Tot Ion:149 Resp: 350413
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.498 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:204 Resp: 154804
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 56.4 54.6 81.8





#61

4-Nitroaniline

Concen: 32.136 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

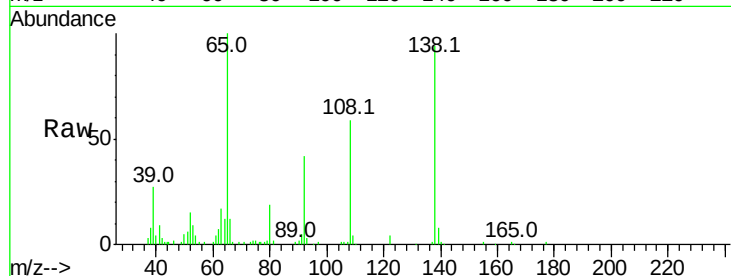
Tot Ion:138 Resp: 66914

Ion Ratio Lower Upper

138 100

92 44.4 30.2 70.2

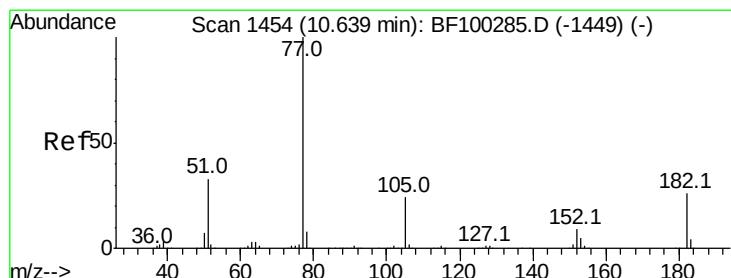
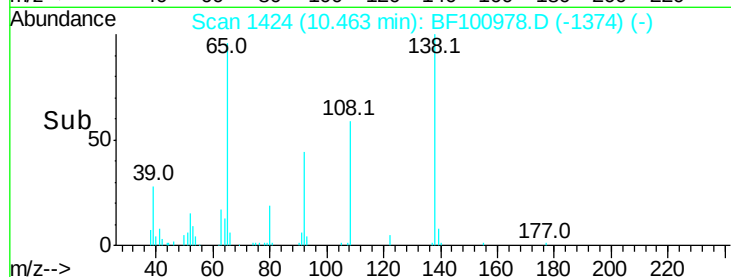
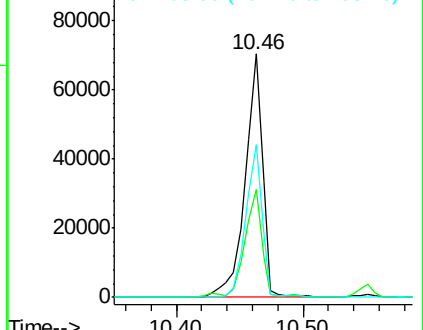
108 62.7 52.5 92.5



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: 32.593 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion: 77 Resp: 288600

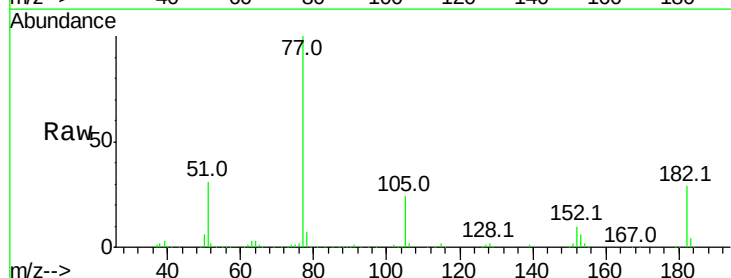
Ion Ratio Lower Upper

77 100

182 29.0 1.7 41.7

105 23.9 3.0 43.0

51 31.0 9.9 49.9

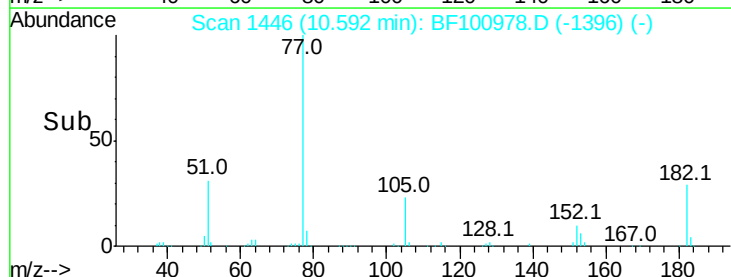
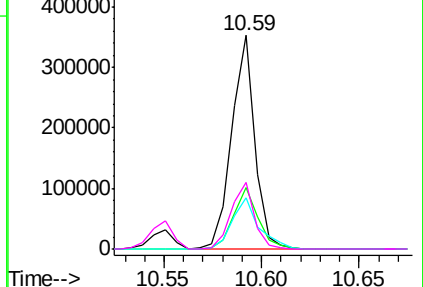


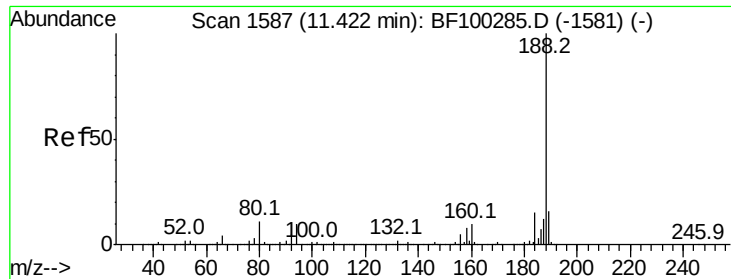
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampled :

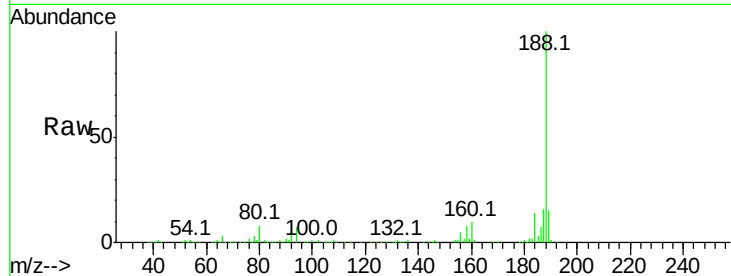
Tot Ion:188 Resp: 189519

Ion Ratio Lower Upper

188 100

94 7.2 8.5 12.7#

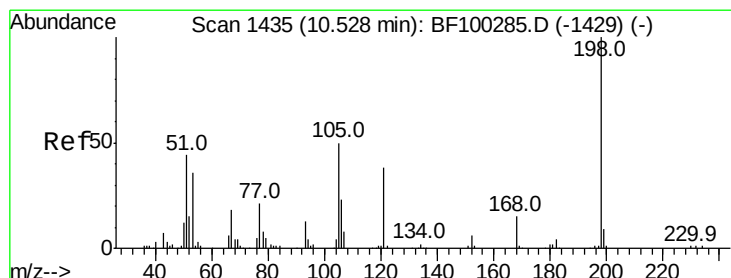
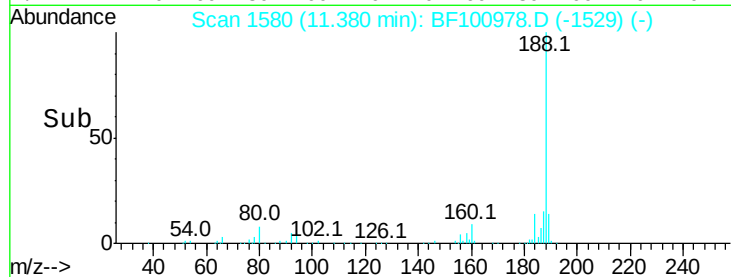
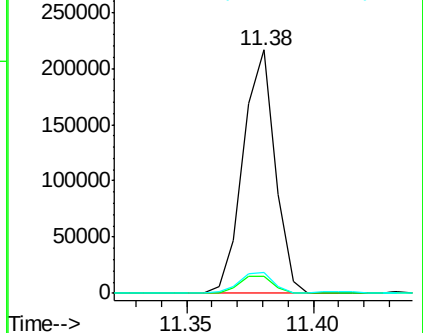
80 8.4 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 25.253 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

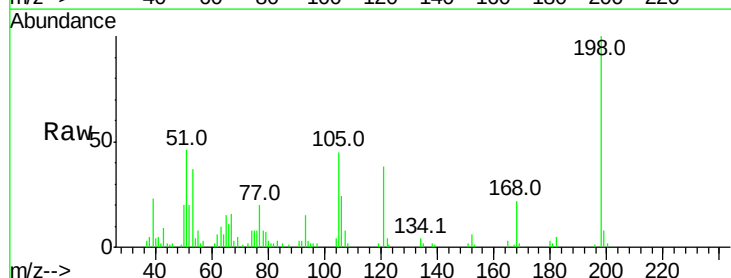
Tgt Ion:198 Resp: 19434

Ion Ratio Lower Upper

198 100

51 46.0 37.7 77.7

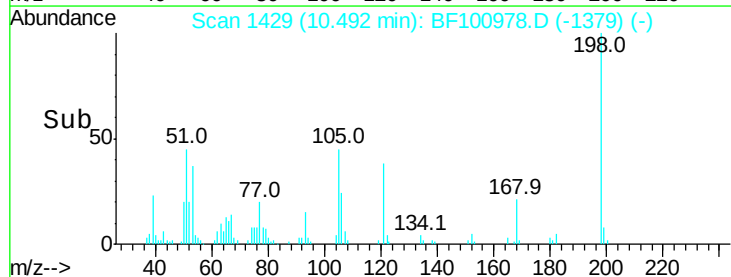
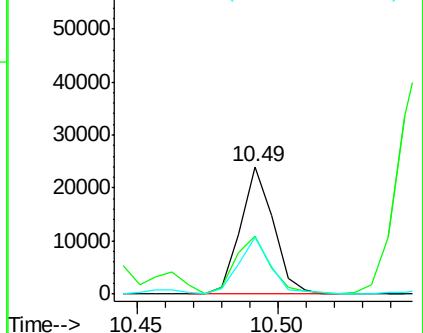
105 44.9 36.3 76.3

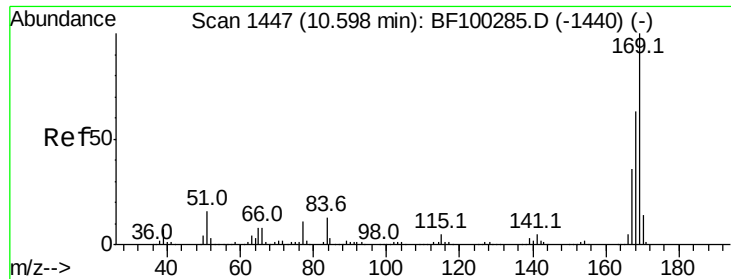


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

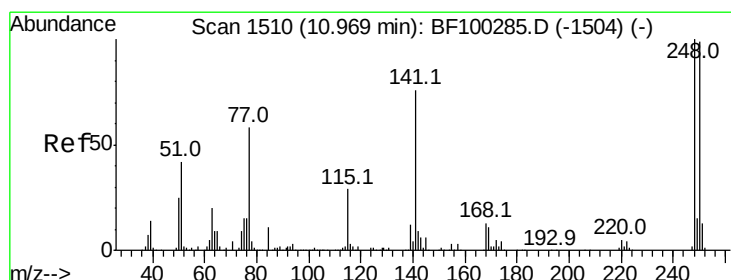
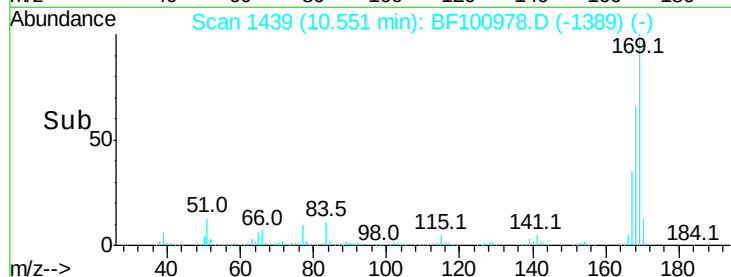
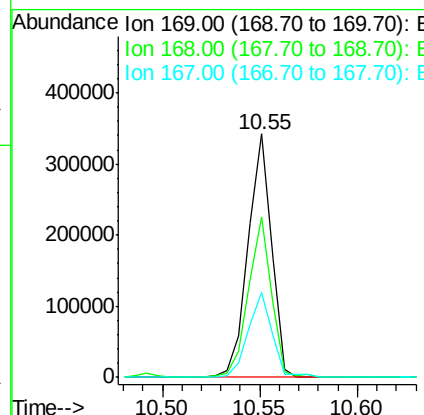
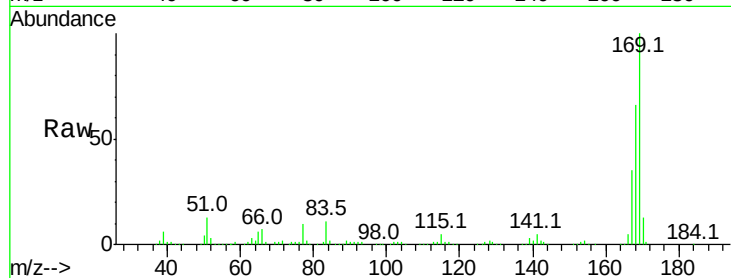




#65
 n-Nitrosodiphenylamine
 Concen: 43.330 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

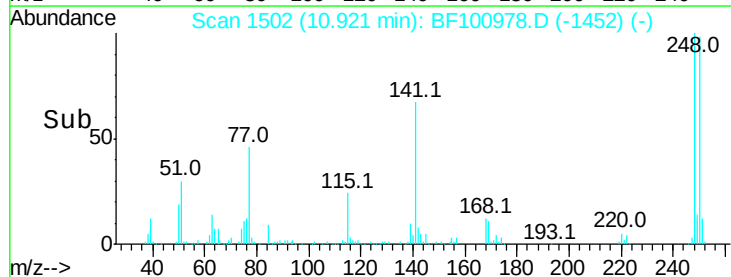
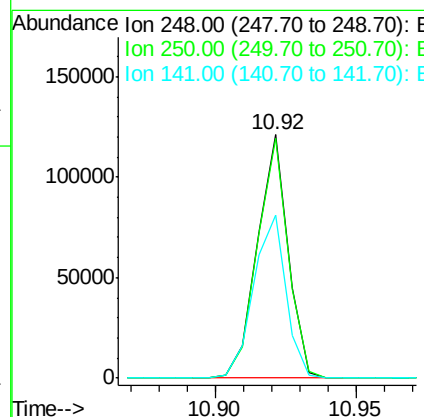
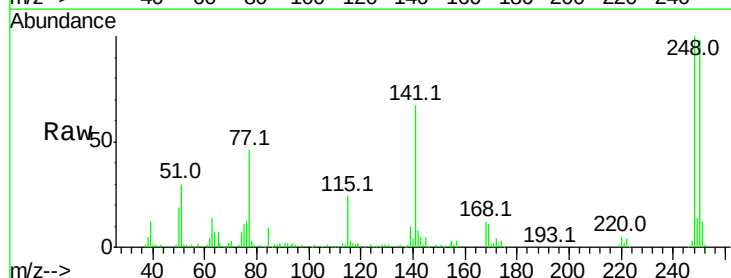
Instrument :
 BNA_F
 ClientSampleId :

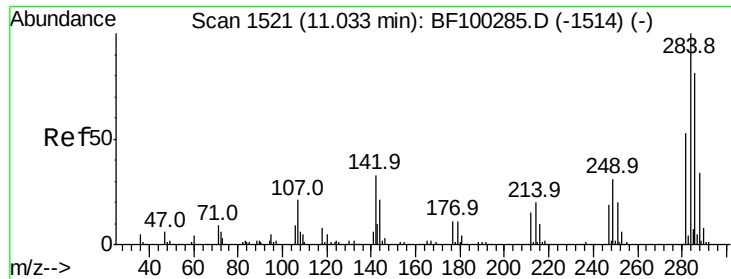
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.4	81.6
167	34.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.983 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	67.0	74.4	111.6#

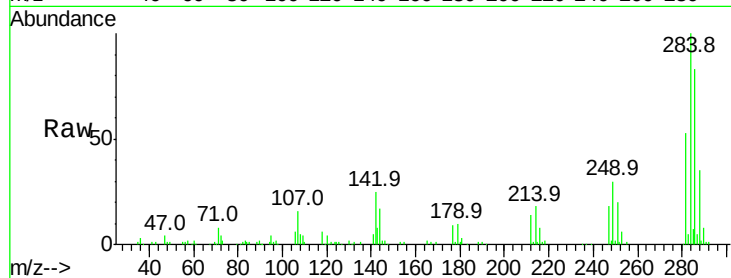




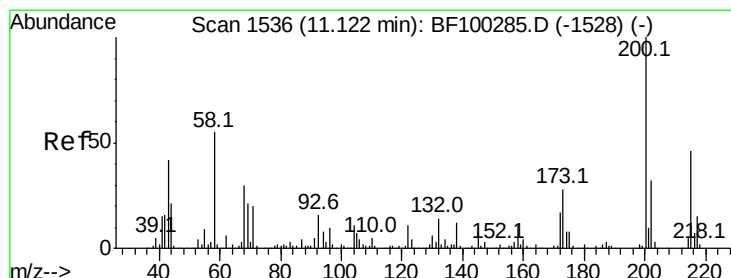
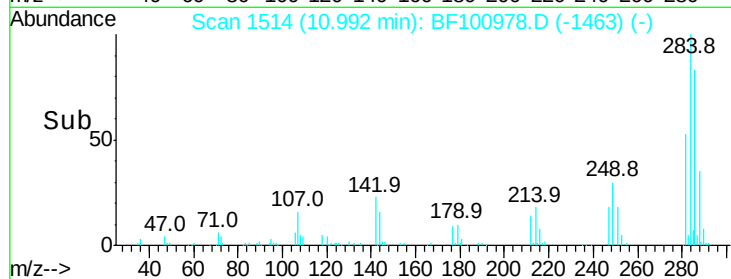
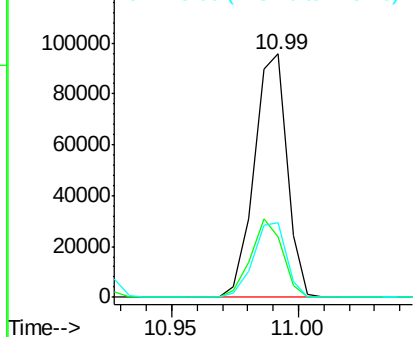
#67
Hexachlorobenzene
Concen: 41.093 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 87316
Ion Ratio Lower Upper
284 100
142 25.0 34.6 52.0#
249 30.5 24.8 37.2

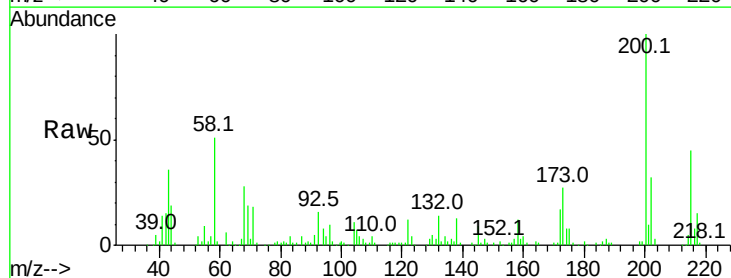


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

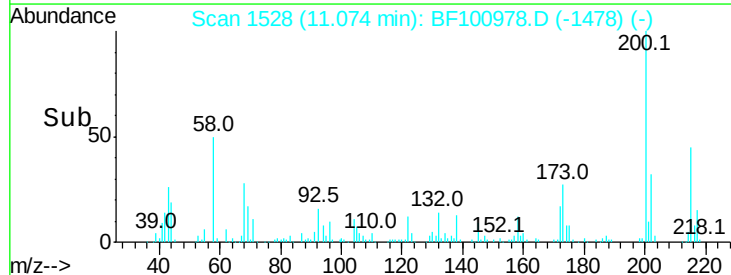
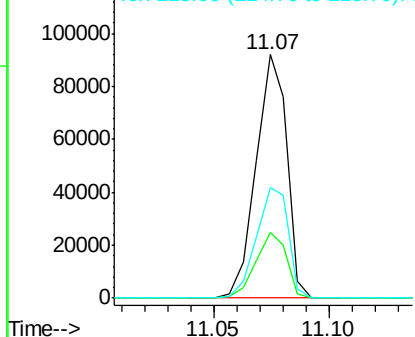


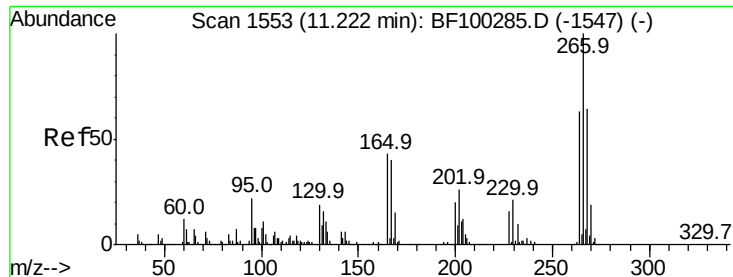
#68
Atrazine
Concen: 42.903 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:200 Resp: 85580
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 45.4 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

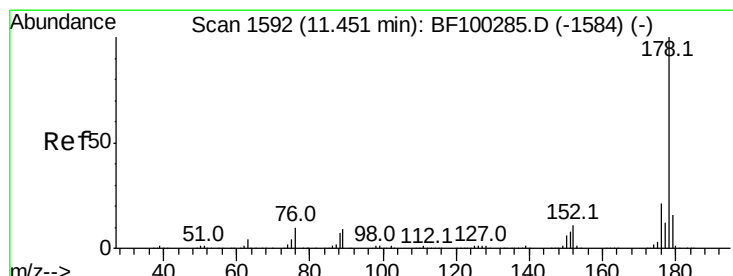
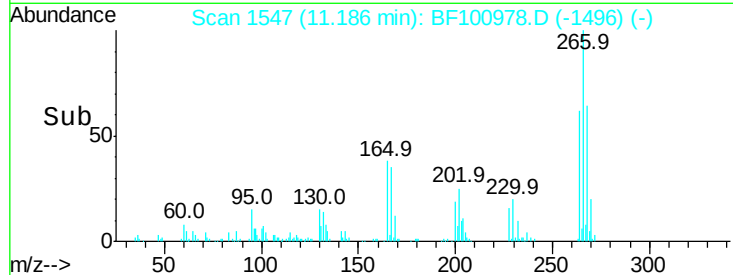
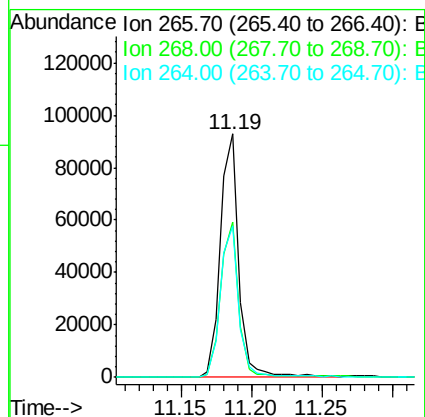
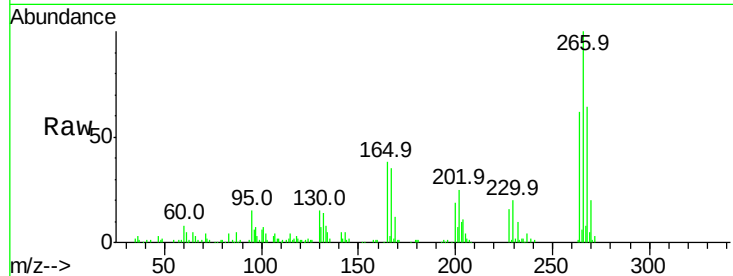




#69
 Pentachlorophenol
 Concen: 55.757 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

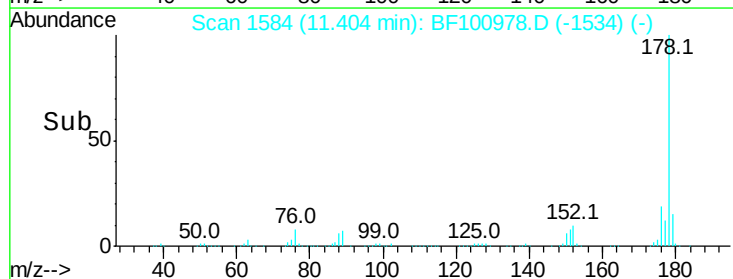
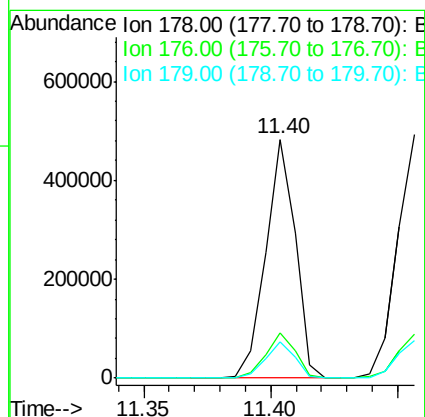
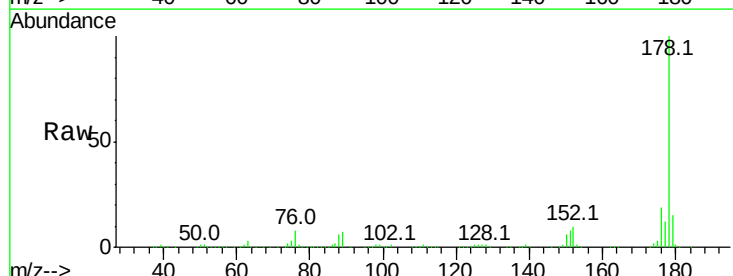
Instrument :
 BNA_F
 ClientSampleId :

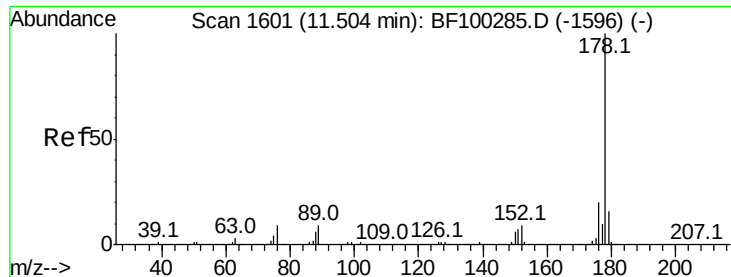
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 39.590 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6

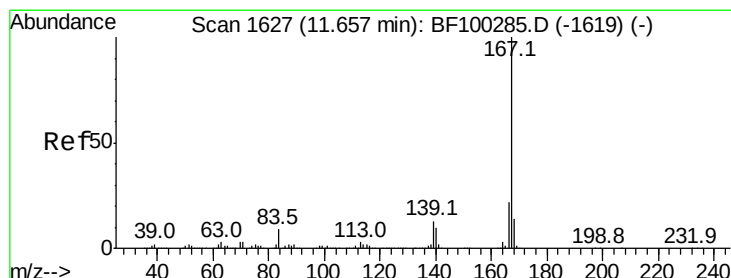
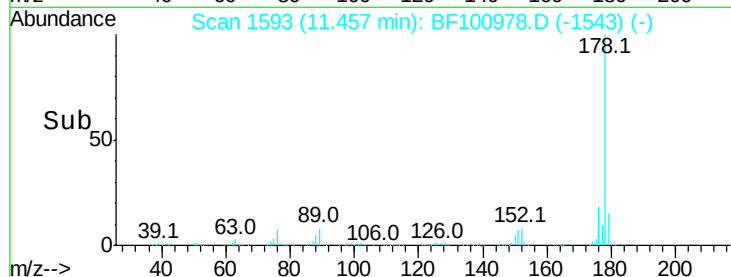
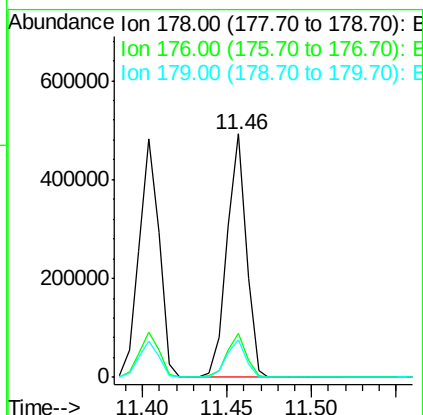
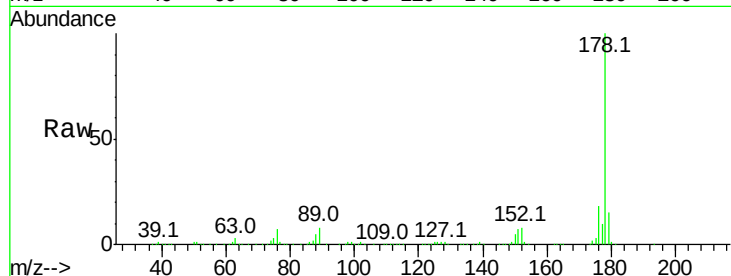




#71
 Anthracene
 Concen: 38.575 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

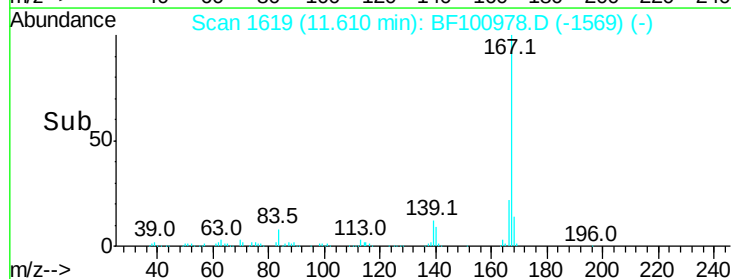
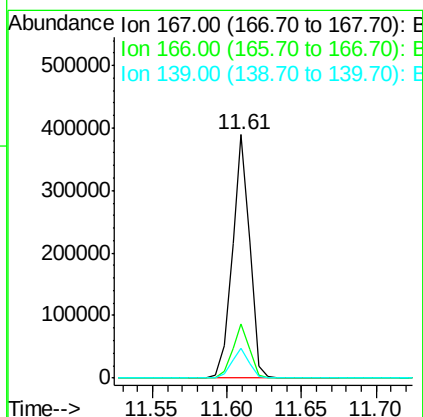
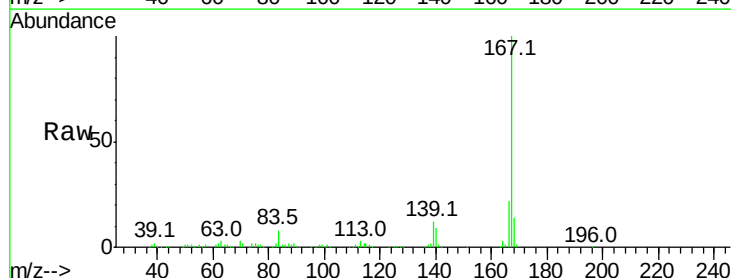
Instrument :
 BNA_F
 ClientSampleId :

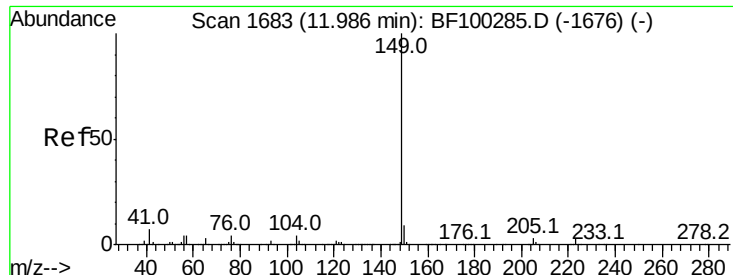
Tot Ion:178 Resp: 390523
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 34.246 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:167 Resp: 319898
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.761 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

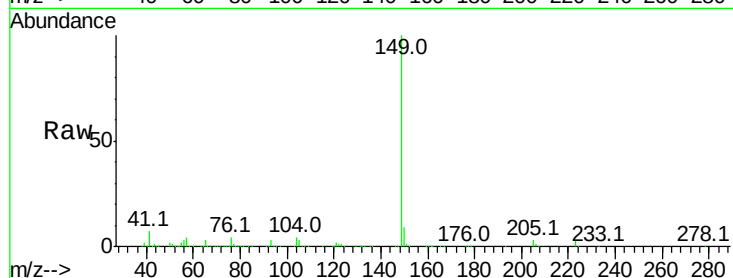
Tot Ion:149 Resp: 467442

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

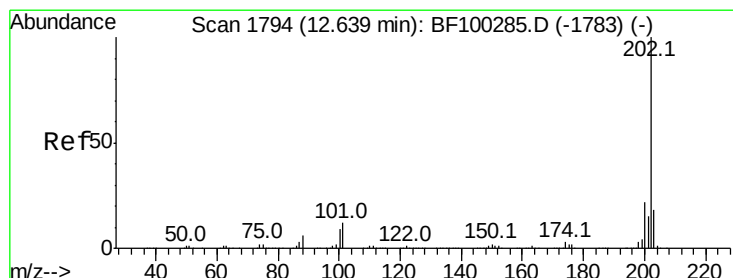
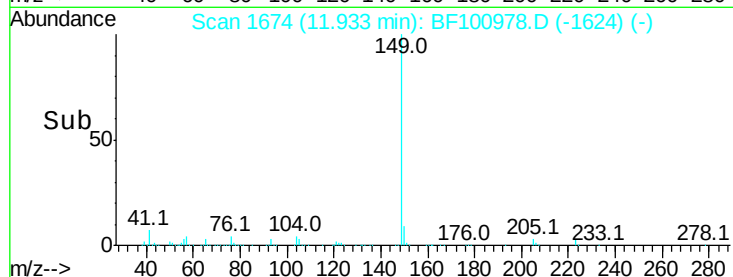
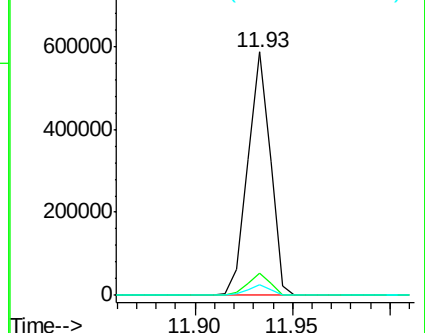
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.550 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

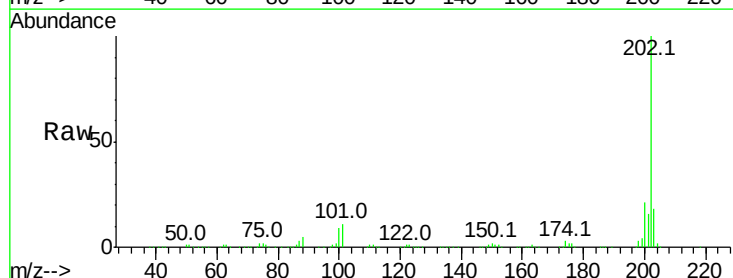
Tgt Ion:202 Resp: 365370

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

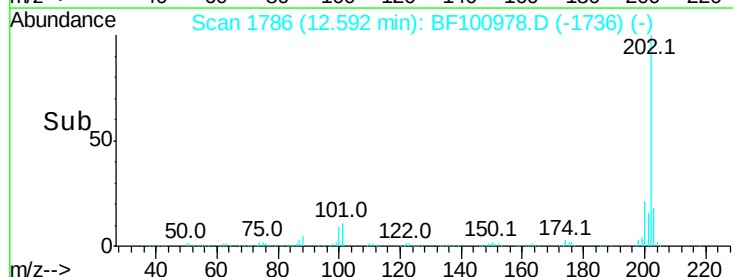
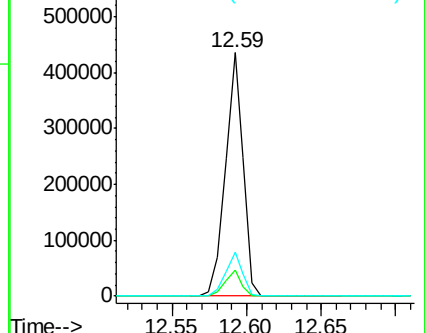
203 17.9 0.0 38.1

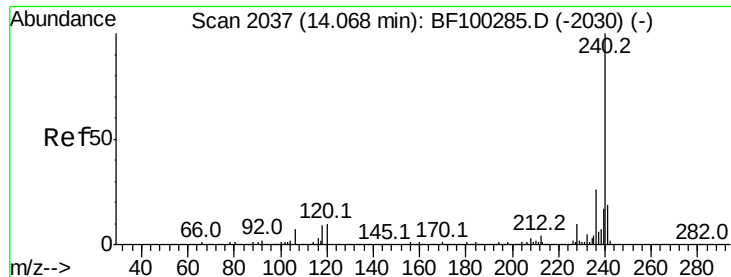


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

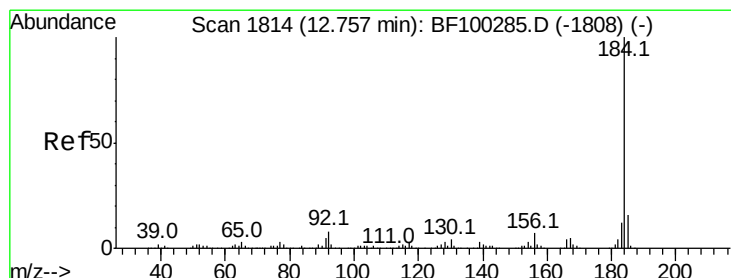
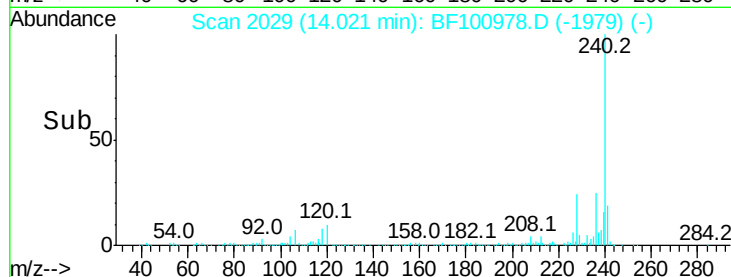
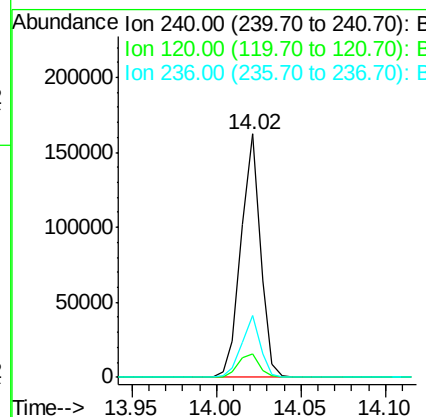
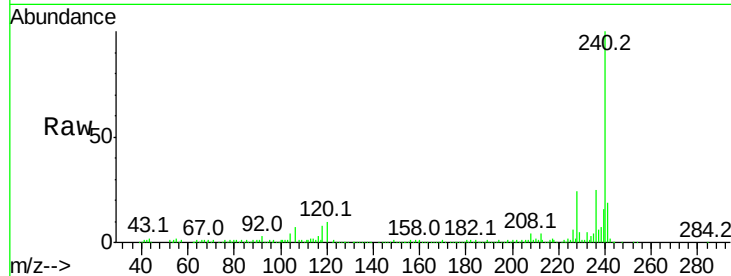




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

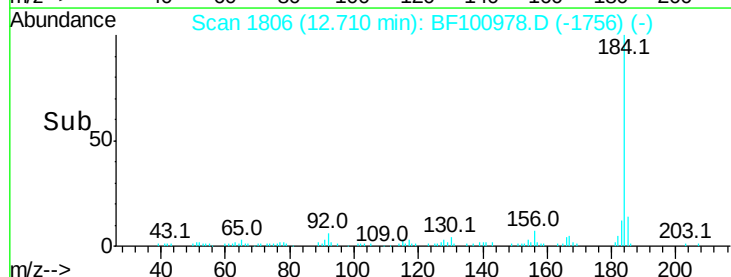
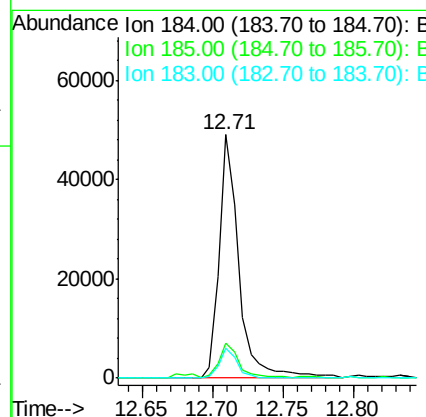
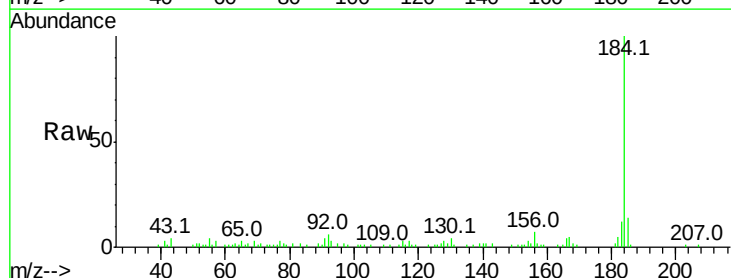
Instrument :
BNA_F
ClientSampleId :

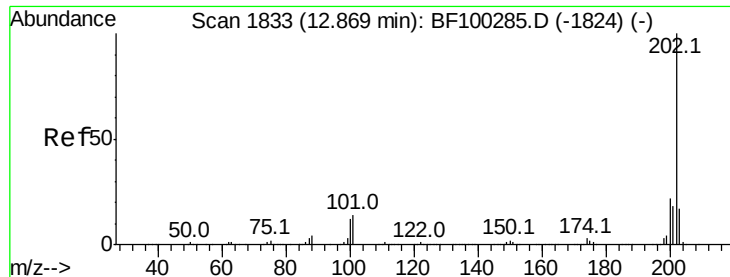
Tot Ion:240 Resp: 129820
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.5 20.7 31.1



#76
Benzidine
Concen: 9.180 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:184 Resp: 47725
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 12.2 9.3 13.9

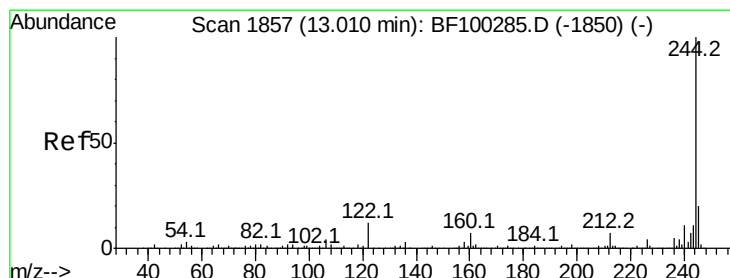
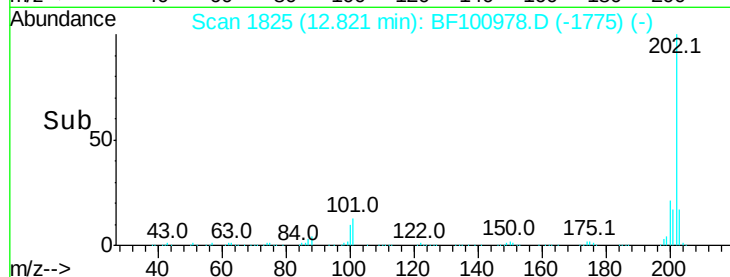
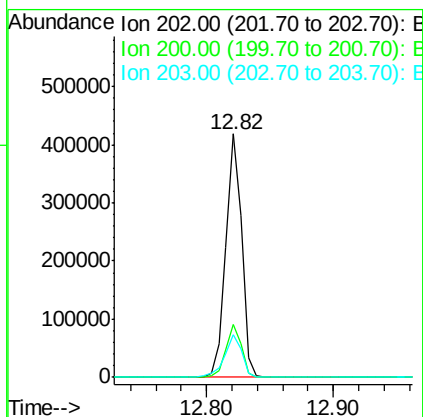
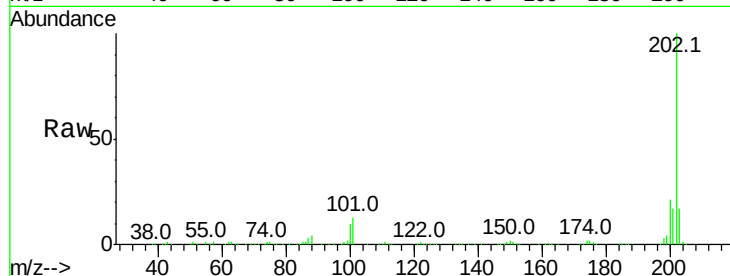




#77
Pvrene
Concen: 39.297 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

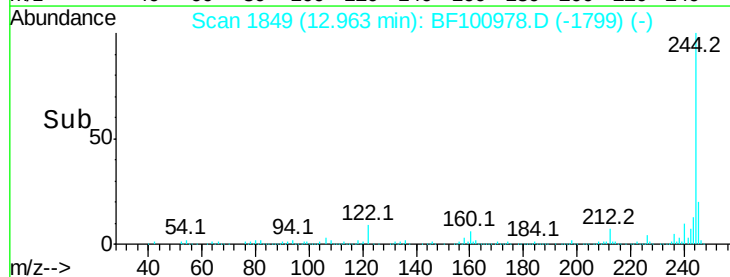
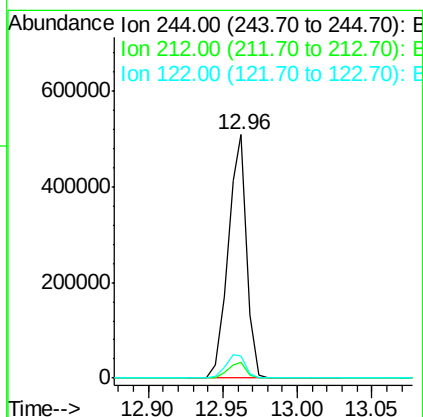
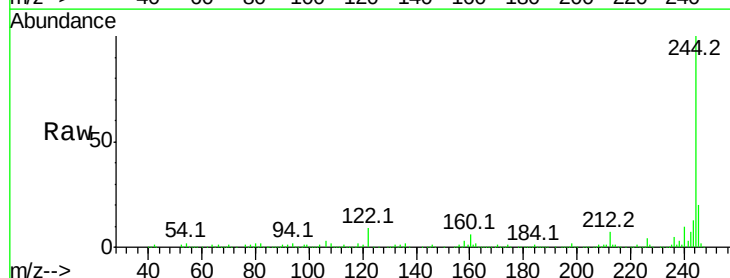
Instrument :
BNA_F
ClientSampleId :

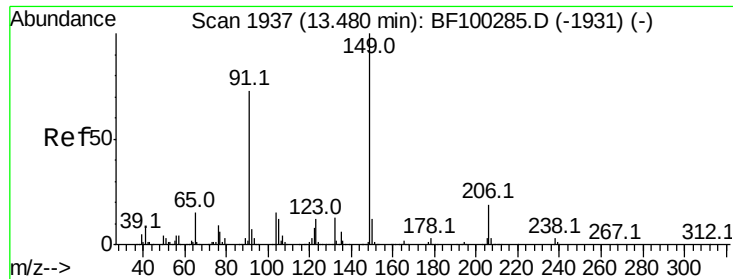
Tot Ion:202 Resp: 363657
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 79.012 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:244 Resp: 446417
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.4 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 38.624 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF100978.D

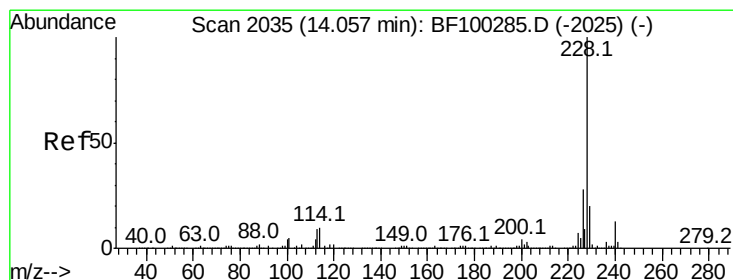
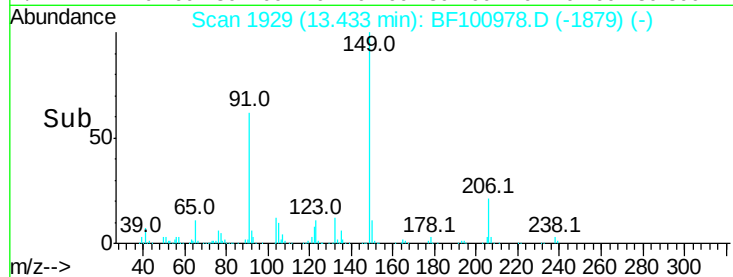
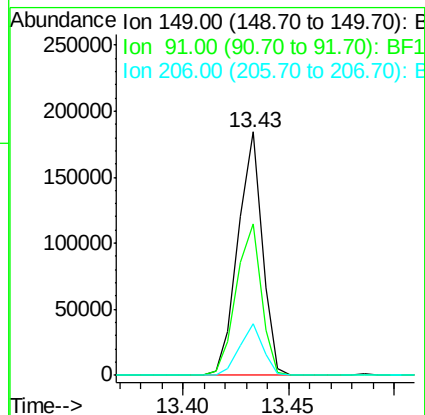
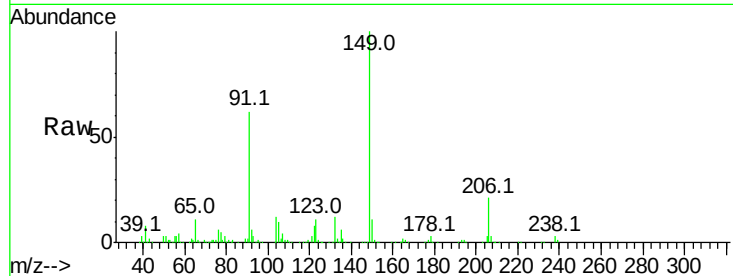
Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	145767
Ion Ratio	Lower	Upper	
149	100		
91	62.0	56.8	85.2
206	21.0	14.1	21.1



#80

Benzo(a)anthracene

Concen: 40.075 ng

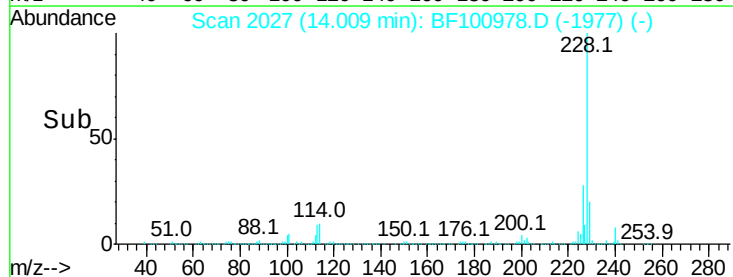
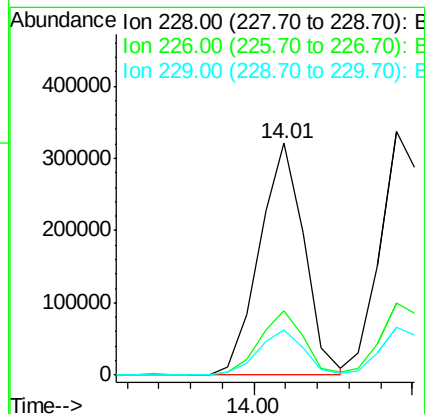
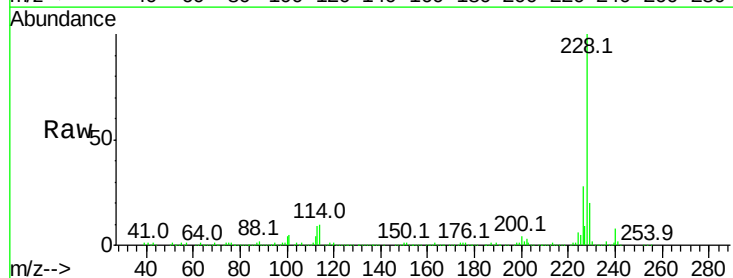
RT: 14.01 min Scan# 2027

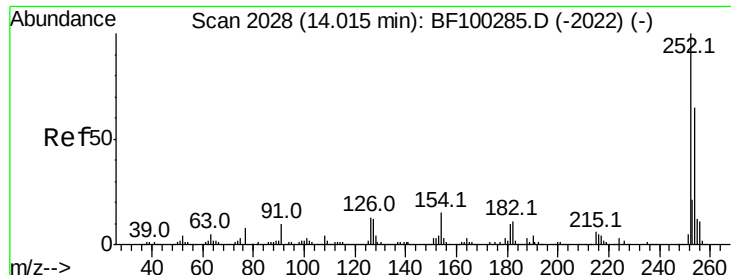
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	228	Resp:	313298
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6

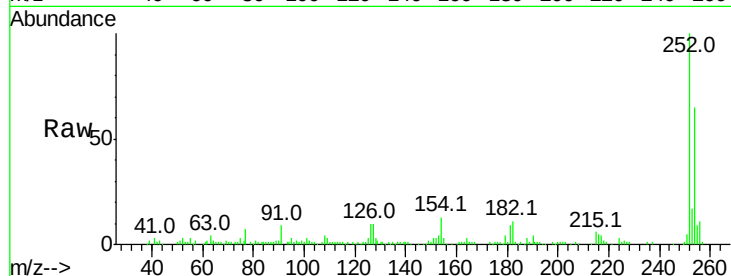




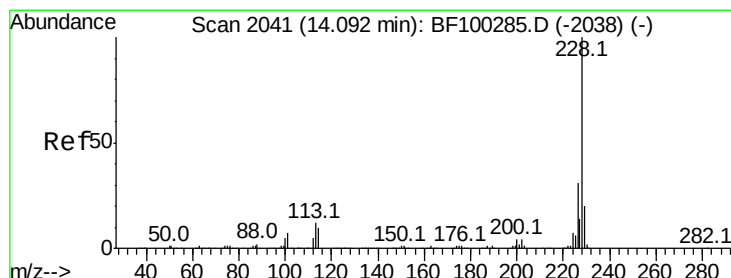
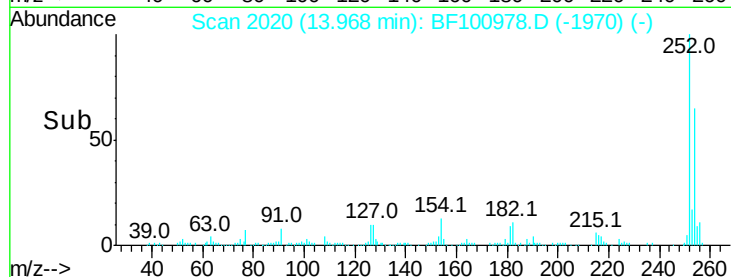
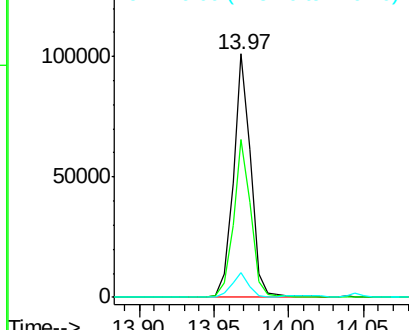
#81
 3,3'-Dichlorobenzidine
 Concen: 29.972 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 83951
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 10.1 11.3 16.9#

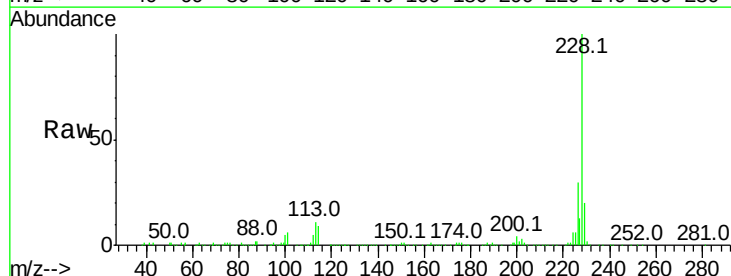


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

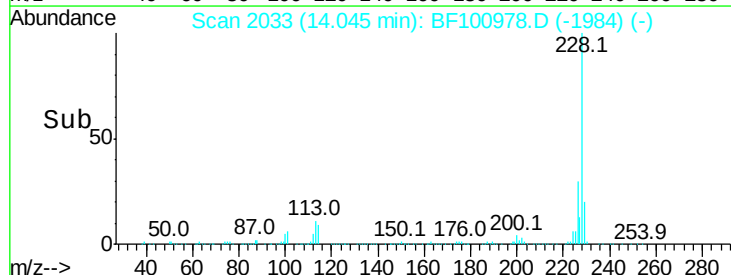
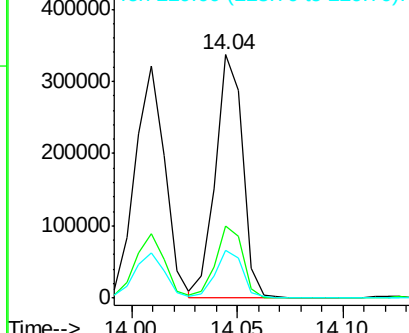


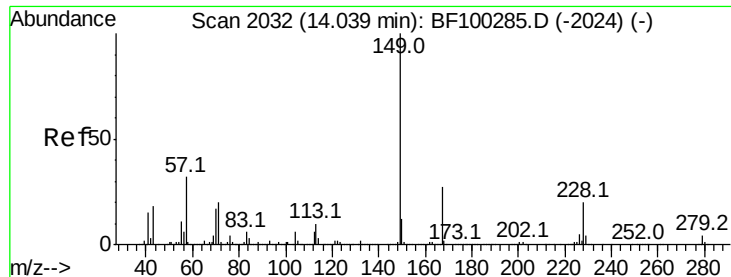
#82
 Chrysene
 Concen: 39.579 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion:228 Resp: 299632
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.6
 229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.515 ng

RT: 13.99 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

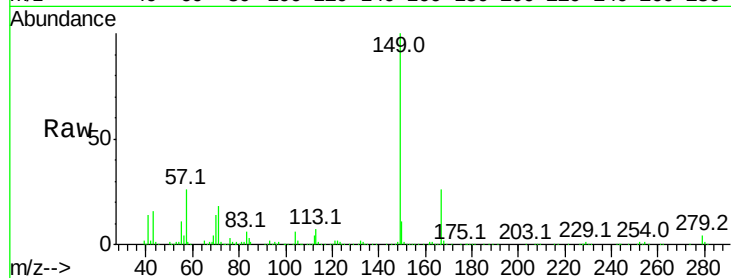
Tot Ion:149 Resp: 211028

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

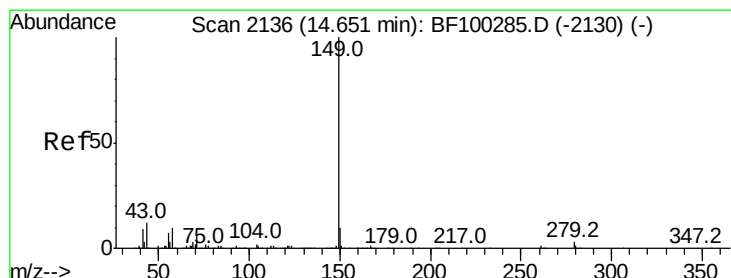
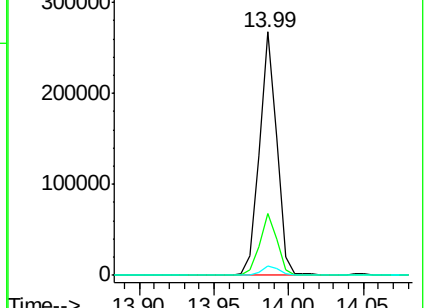
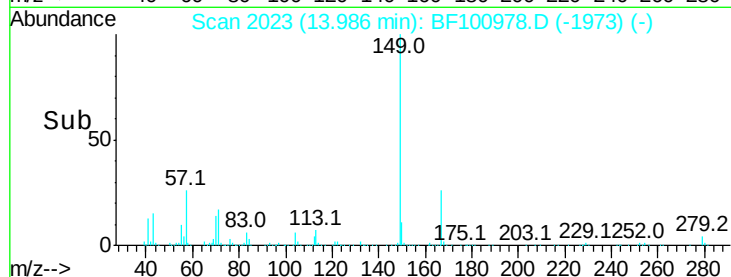
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.451 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

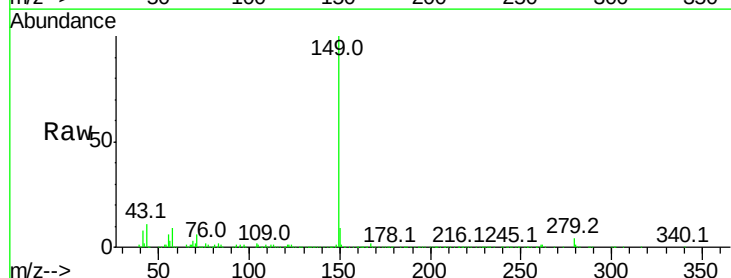
Tgt Ion:149 Resp: 336404

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

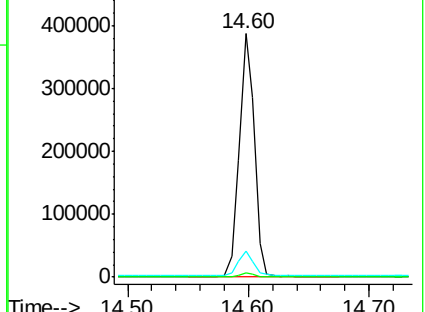
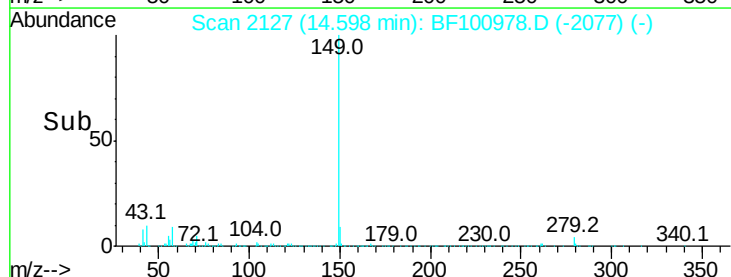
43 10.3 8.4 12.6

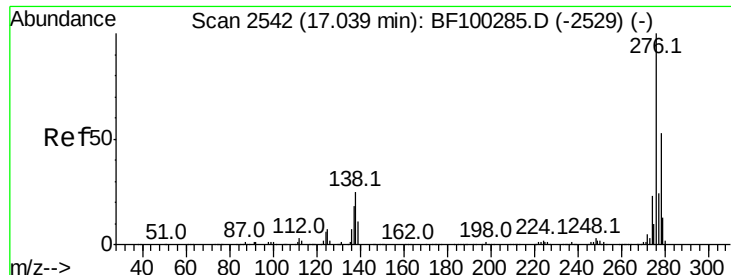


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

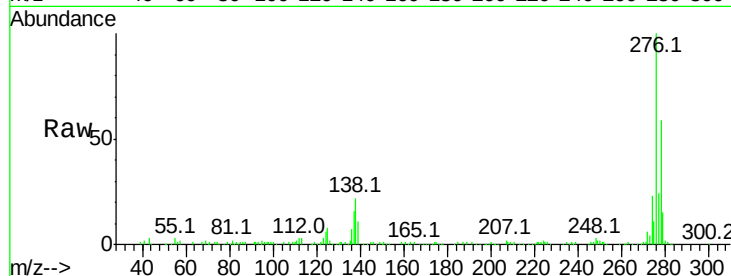




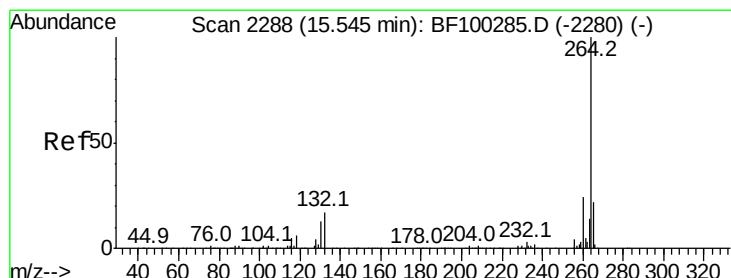
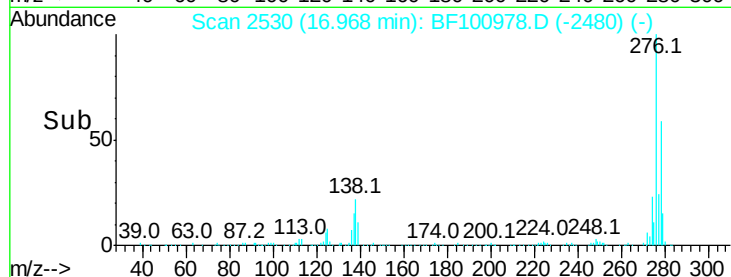
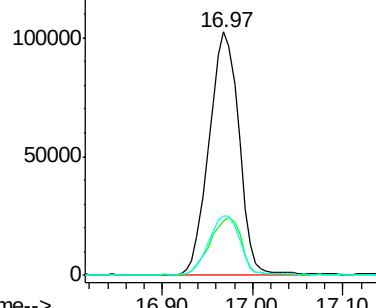
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.766 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.9	20.1	30.1

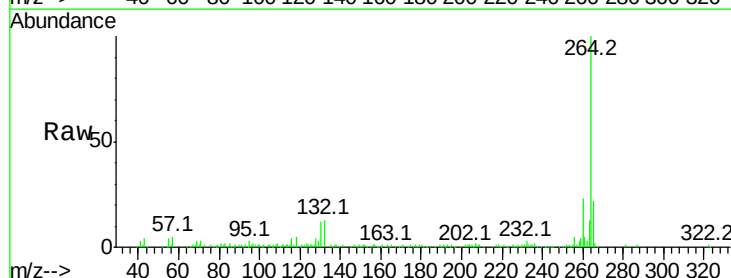


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

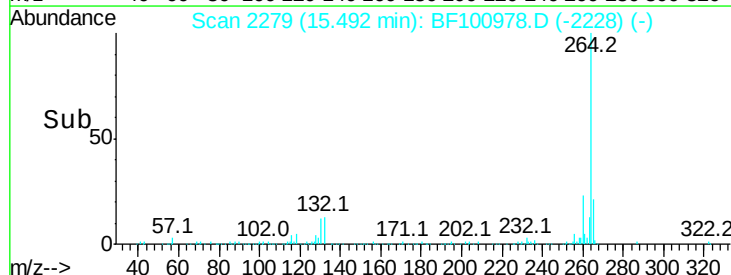
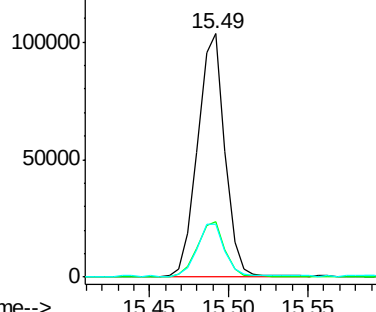


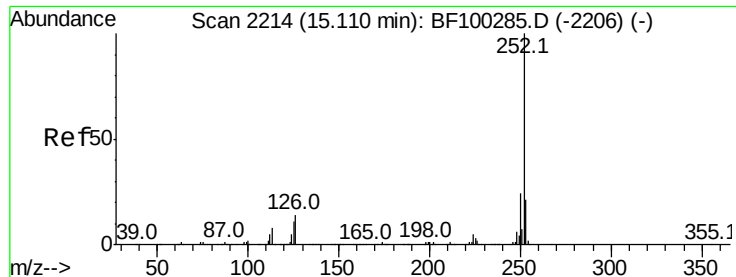
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	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: 40.282 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF100978.D

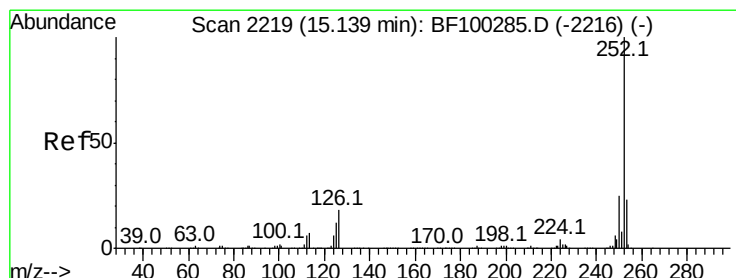
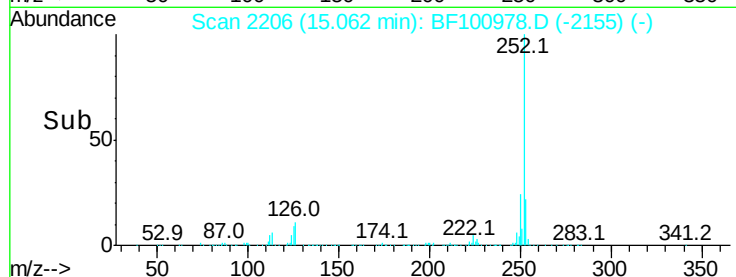
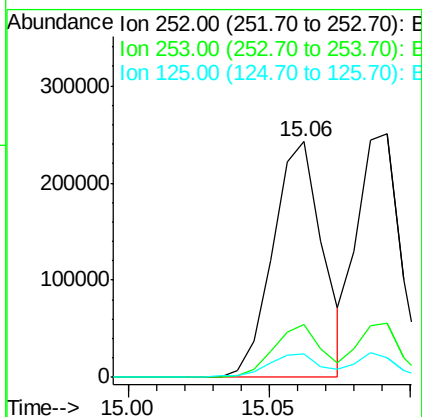
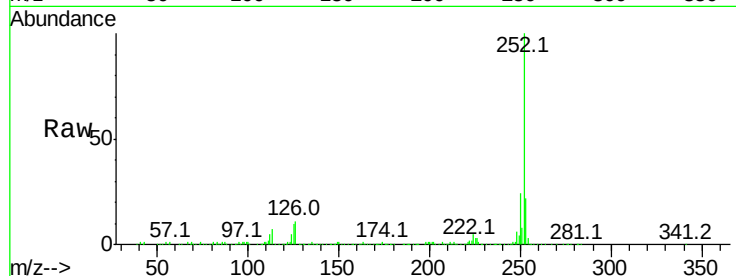
Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp: 297020
Ion Ratio	Lower Upper
252 100	
253 22.3	17.0 25.6
125 9.8	9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 37.769 ng

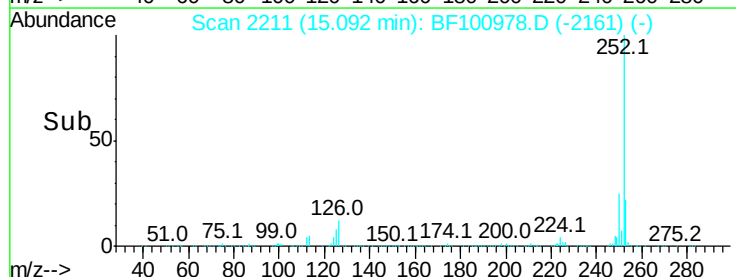
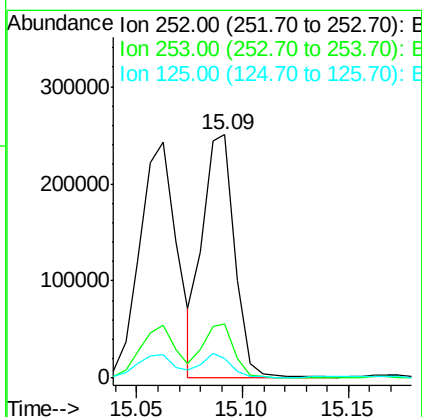
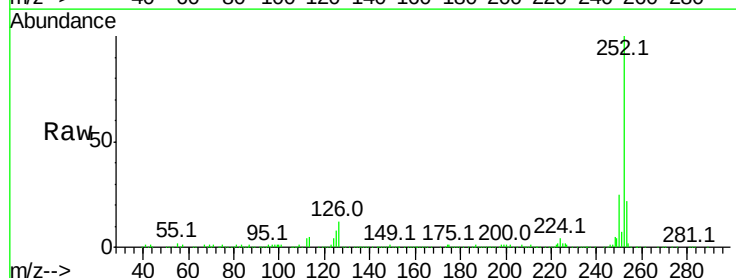
RT: 15.09 min Scan# 2211

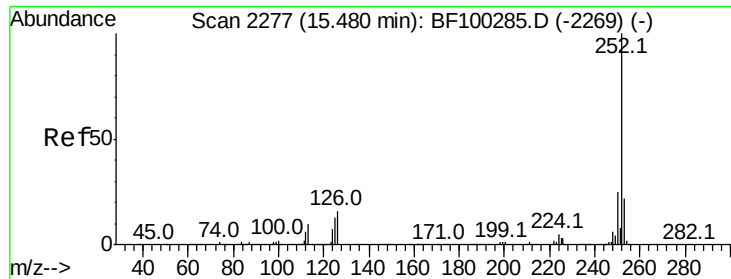
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt	Ion:252	Resp:	263137
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.1	10.2	15.2#

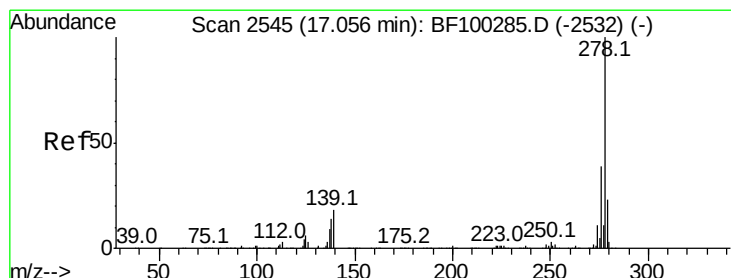
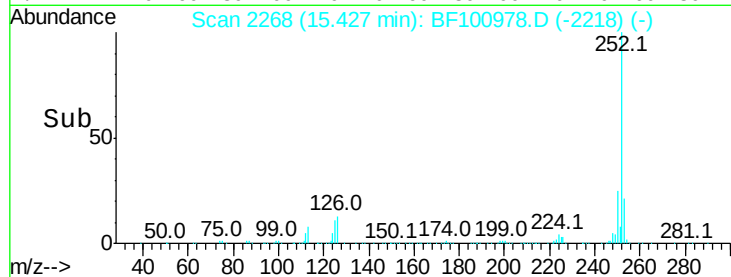
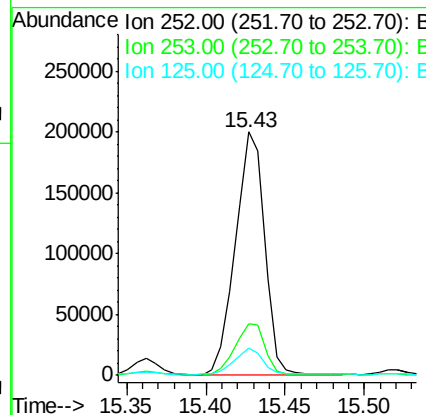
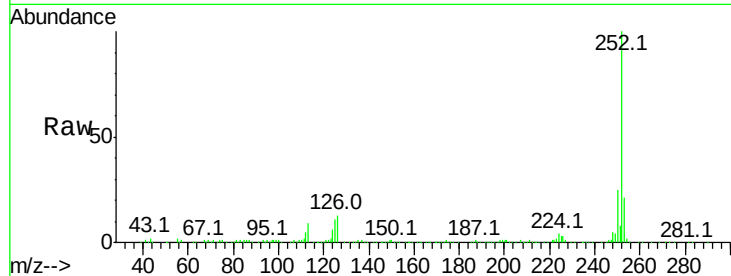




#89
Benzo(a)pyrene
Concen: 39.027 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

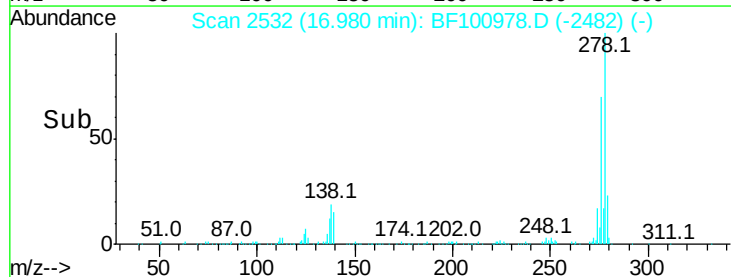
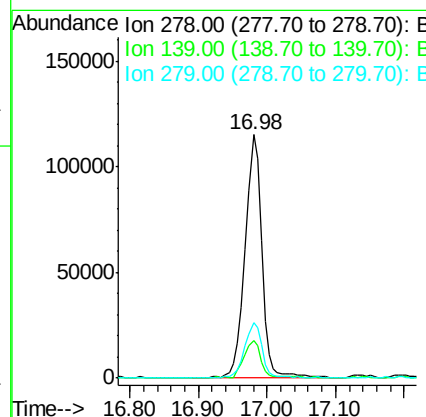
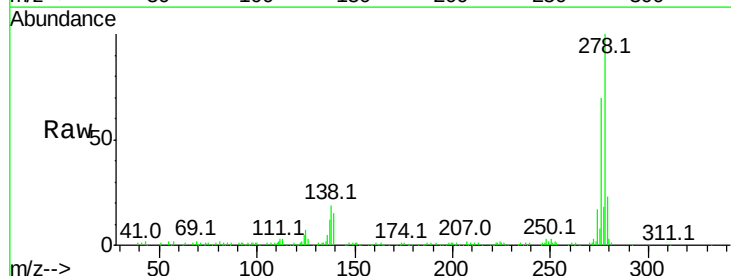
Instrument :
BNA_F
ClientSampleId :

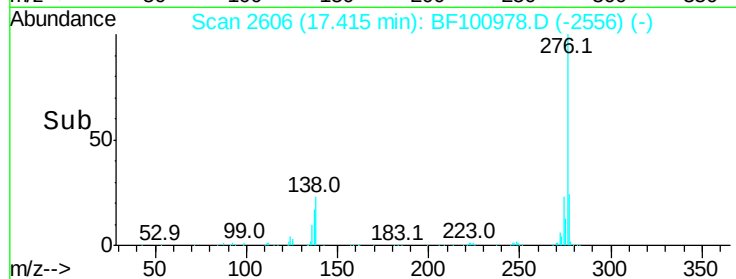
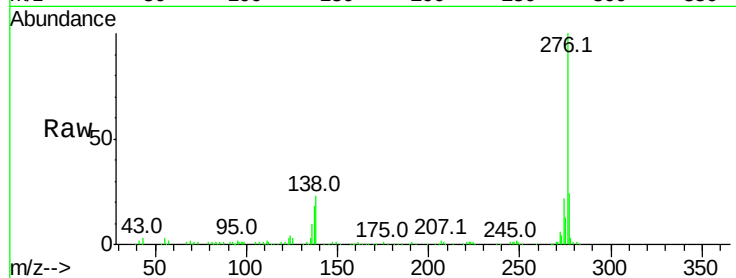
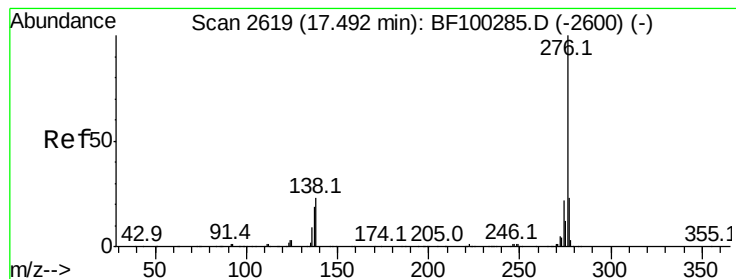
Tot Ion:252 Resp: 255119
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 11.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.846 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion:278 Resp: 196976
Ion Ratio Lower Upper
278 100
139 15.3 15.9 23.9#
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 36.462 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 190808

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 23.0 21.8 32.8

