

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100902.D
 Acq On : 27 Nov 2017 19:48
 Operator : SJ/JU
 Sample : I6289-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Quant Time: Nov 27 22:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63057	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	252169	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	113646	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	194512	20.00	ng	0.00
75) Chrysene-d12	14.03	240	130080	20.00	ng	0.00
86) Perylene-d12	15.50	264	124715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	516997	131.43	ng	0.03
7) Phenol-d6	6.50	99	584575	120.51	ng	0.01
23) Nitrobenzene-d5	7.43	82	439875	115.33	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	183242	158.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	921201	123.43	ng	0.00
78) Terphenyl-d14	12.97	244	676850	119.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	66179	34.522	ng	# 83
3) Pyridine	3.55	79	105469	20.166	ng	97
4) n-Nitrosodimethylamine	3.49	42	91141	35.892	ng	93
6) Aniline	6.53	93	31334	4.572	ng	# 86
8) 2-Chlorophenol	6.65	128	195833	47.058	ng	97
9) Benzaldehyde	6.42	77	63064	18.205	ng	91
10) Phenol	6.52	94	193466	37.992	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	191738	44.827	ng	96
12) 1,3-Dichlorobenzene	6.80	146	223659	46.616	ng	97
13) 1,4-Dichlorobenzene	6.88	146	229135	47.186	ng	97
14) 1,2-Dichlorobenzene	7.03	146	212650	47.363	ng	96
15) Benzyl Alcohol	7.00	79	161005	42.528	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314446	45.964	ng	98
17) 2-Methylphenol	7.12	107	160231	45.056	ng	98
18) Hexachloroethane	7.37	117	70987	44.336	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	140839	41.866	ng	96
20) 3+4-Methylphenols	7.27	107	197882	43.972	ng	# 63
22) Acetophenone	7.27	105	265839	43.232	ng	# 90
24) Nitrobenzene	7.45	77	204729	52.150	ng	98
25) Isophorone	7.69	82	379942	47.403	ng	98
26) 2-Nitrophenol	7.76	139	105836	56.435	ng	# 88
27) 2,4-Dimethylphenol	7.80	122	177739	49.467	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	240989	45.965	ng	99
29) 2,4-Dichlorophenol	8.00	162	176299	51.398	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	191099	51.504	ng	95
31) Naphthalene	8.17	128	594405	48.939	ng	100
32) Benzoic acid	7.93	122	112920	42.399	ng	93
33) 4-Chloroaniline	8.23	127	24765	4.898	ng	94
34) Hexachlorobutadiene	8.27	225	112405	50.953	ng	97
35) Caprolactam	8.59	113	45347	38.523	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	175484	47.635	ng	97
37) 2-Methylnaphthalene	8.86	142	409044	50.727	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	187594	49.772	ng	# 95
40) Hexachlorocyclopentadiene	9.00	237	60388	34.042	ng	96

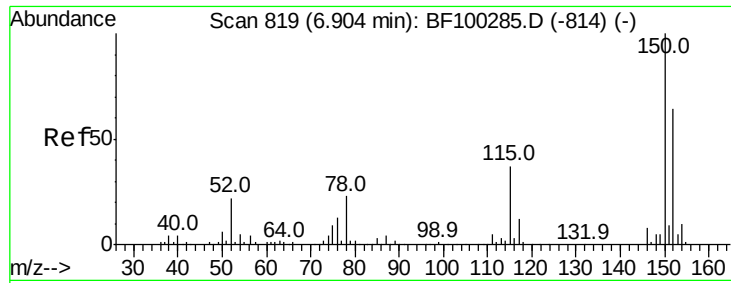
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100902.D
 Acq On : 27 Nov 2017 19:48
 Operator : SJ/JU
 Sample : I6289-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Quant Time: Nov 27 22:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	129934	54.393	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	134512	54.349	nq	95
45) 1,1'-Biphenyl	9.32	154	472531	48.074	nq	99
46) 2-Chloronaphthalene	9.35	162	379571	53.230	nq	97
47) 2-Nitroaniline	9.45	65	109183	51.597	nq	99
48) Acenaphthylene	9.76	152	575404	48.692	nq	100
49) Dimethylphthalate	9.62	163	459681	52.977	nq	99
50) 2,6-Dinitrotoluene	9.69	165	96228	56.026	nq	94
51) Acenaphthene	9.93	154	337464	46.955	nq	98
52) 3-Nitroaniline	9.85	138	34064	16.795	nq	95
53) 2,4-Dinitrophenol	9.96	184	32265	52.524	nq #	15
54) Dibenzofuran	10.10	168	507270	50.359	nq	99
55) 4-Nitrophenol	10.02	139	117603	71.410	nq	92
56) 2,4-Dinitrotoluene	10.09	165	120795	55.749	nq #	92
57) Fluorene	10.45	166	388750	52.682	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104922	51.726	nq #	86
59) Diethylphthalate	10.32	149	442125	50.917	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	191960	53.028	nq	92
61) 4-Nitroaniline	10.47	138	74217	38.591	nq	93
62) Azobenzene	10.60	77	357893	43.761	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	24883	29.382	nq	78
65) n-Nitrosodiphenylamine	10.56	169	359232	53.114	nq	94
66) 4-Bromophenyl-phenylether	10.93	248	120896	57.980	nq #	87
67) Hexachlorobenzene	11.00	284	121672	55.792	nq #	85
68) Atrazine	11.09	200	106778	52.156	nq	96
69) Pentachlorophenol	11.19	266	113292	72.448	nq	99
70) Phenanthrene	11.41	178	521394	50.911	nq	99
71) Anthracene	11.46	178	529992	51.008	nq	99
72) Carbazole	11.62	167	439434	45.835	nq	99
73) Di-n-butylphthalate	11.94	149	627521	55.932	nq	99
74) Fluoranthene	12.60	202	466732	43.001	nq	96
77) Pyrene	12.83	202	461353	49.754	nq	99
79) Butylbenzylphthalate	13.44	149	201907	53.393	nq	94
80) Benzo(a)anthracene	14.02	228	406301	51.868	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	74566	26.568	nq	99
82) Chrysene	14.06	228	388359	51.197	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	282034	56.706	nq	98
84) Di-n-octyl phthalate	14.60	149	461475	54.010	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	305417	49.778	nq	94
87) Benzo(b)fluoranthene	15.07	252	378974	51.291	nq	98
88) Benzo(k)fluoranthene	15.10	252	374485	53.641	nq	98
89) Benzo(a)pyrene	15.44	252	347331	53.025	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	259984	48.532	nq #	96
91) Benzo(g,h,i)perylene	17.43	276	238077	45.401	nq #	92

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

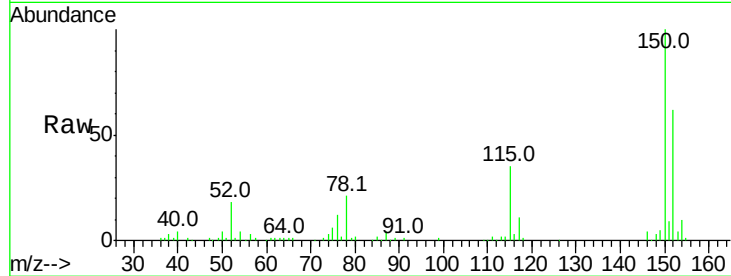


#1

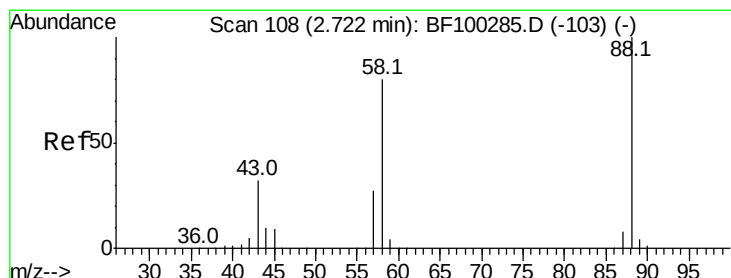
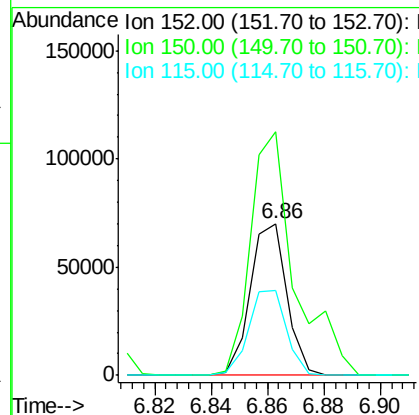
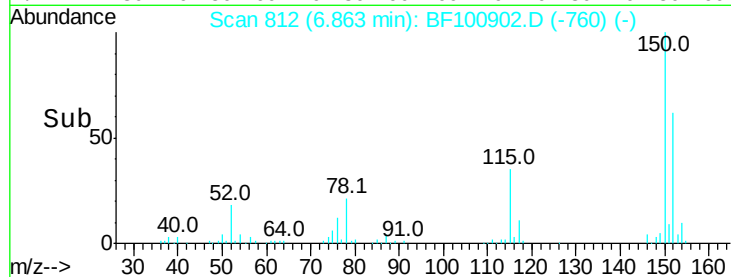
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	55.9	50.1	75.1



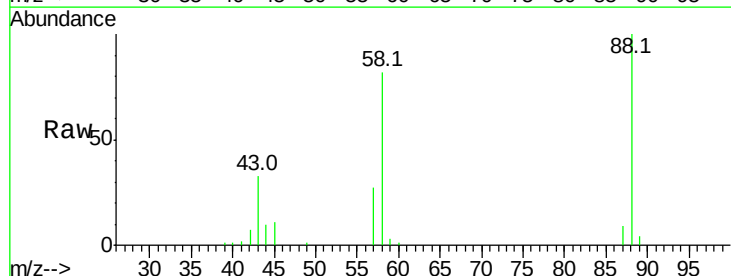
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



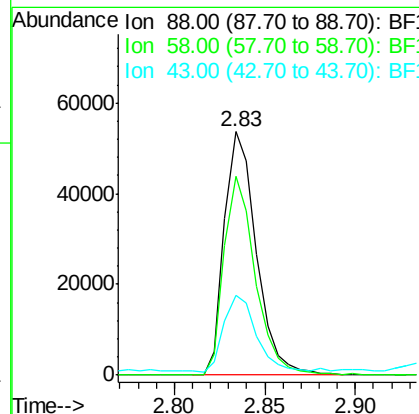
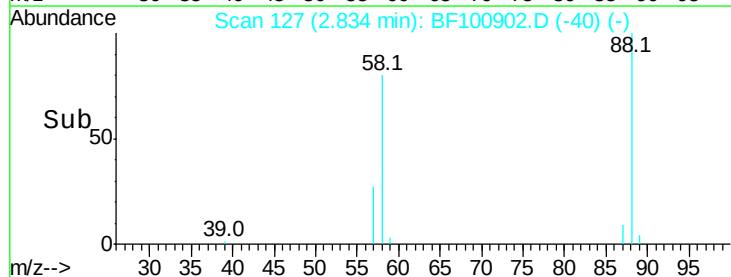
#2

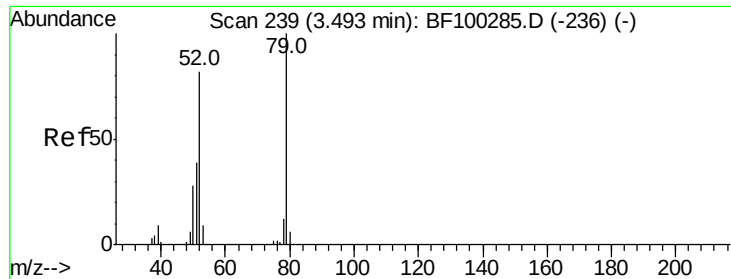
1,4-Dioxane
 Concen: 34.522 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.21 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	62.6	93.8
43	0.0	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

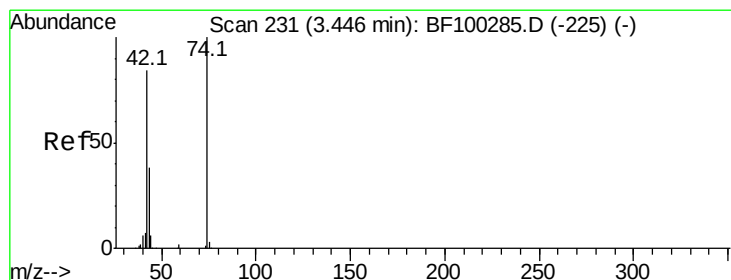
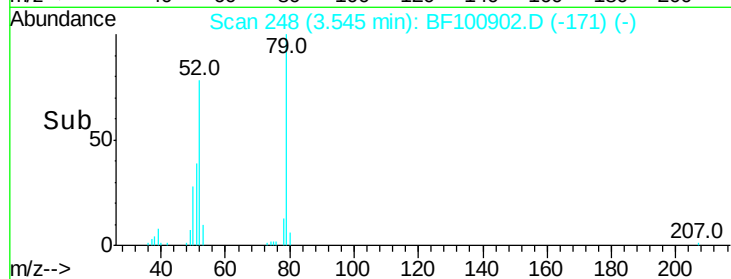
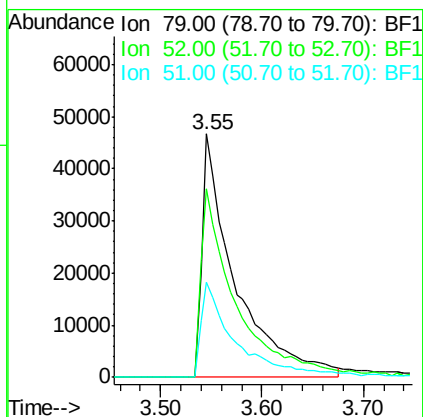
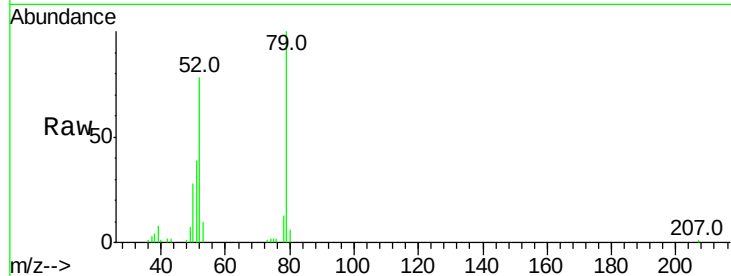




#3
 Pvridine
 Concen: 20.166 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.15 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

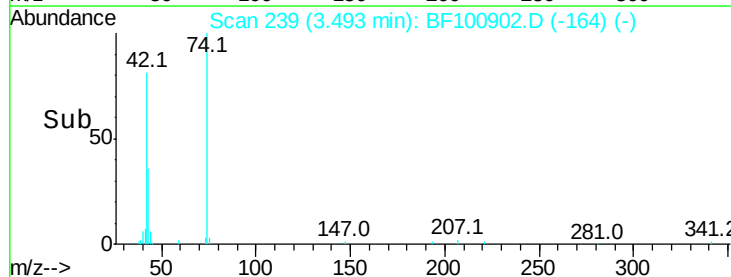
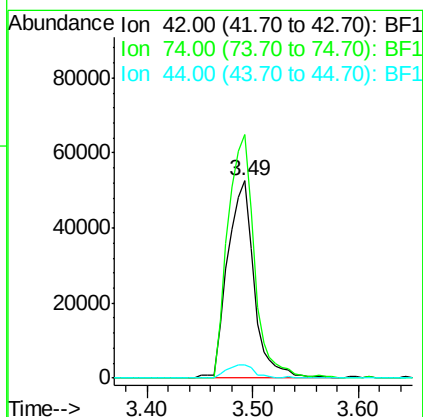
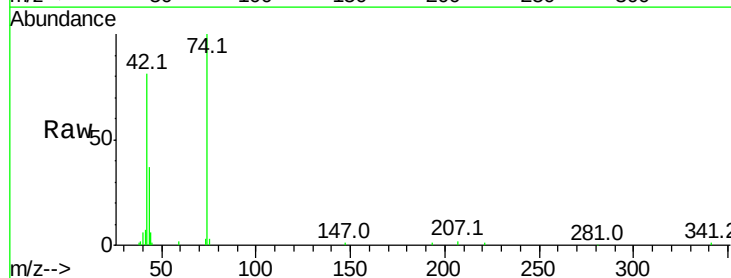
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

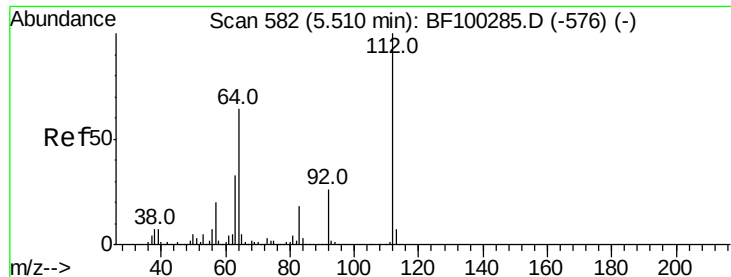
Tot Ion: 79 Resp: 105469
 Ion Ratio Lower Upper
 79 100
 52 77.6 59.8 89.6
 51 38.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.892 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.14 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion: 42 Resp: 91141
 Ion Ratio Lower Upper
 42 100
 74 123.3 104.9 157.3
 44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 131.427 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.03 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

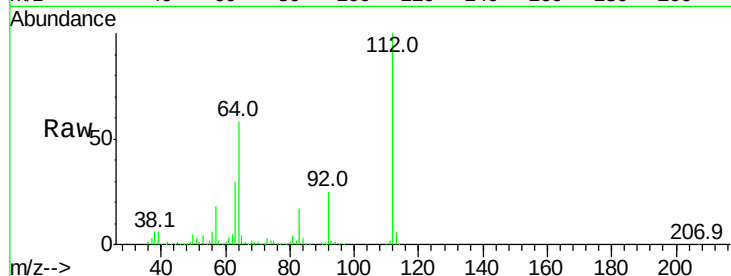
Tot Ion:112 Resp: 516997

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

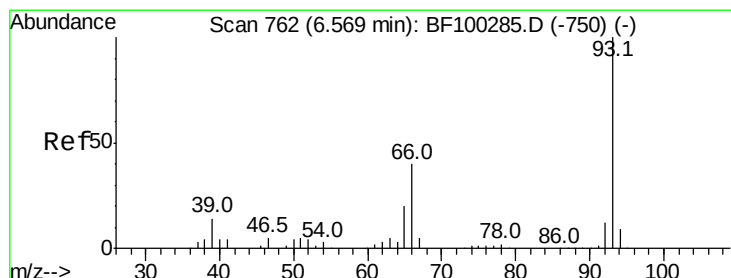
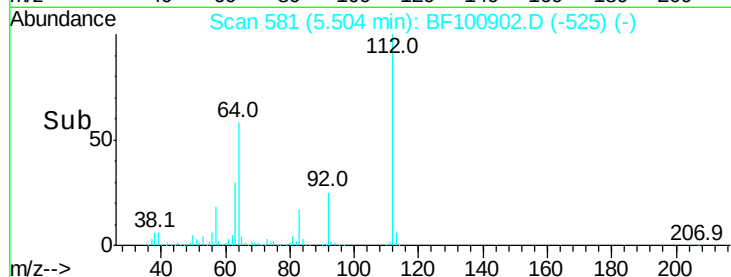
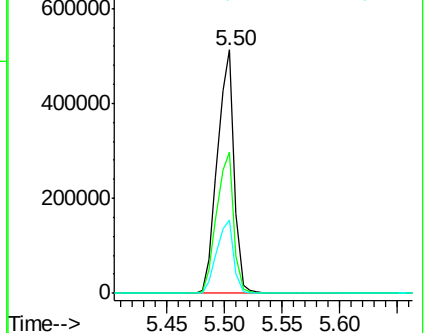
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.572 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

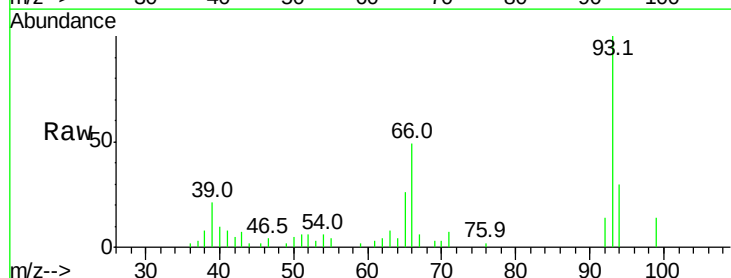
Tgt Ion: 93 Resp: 31334

Ion Ratio Lower Upper

93 100

66 49.2 32.2 48.2#

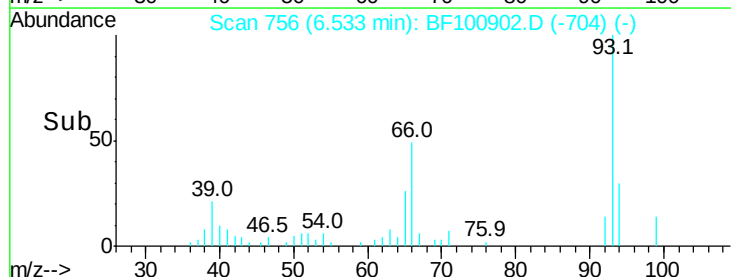
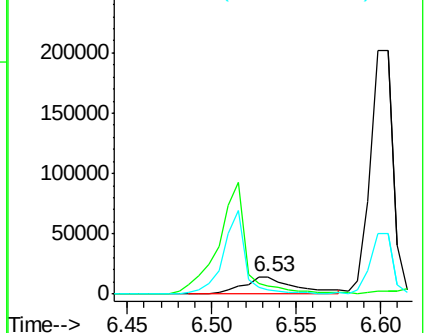
65 25.9 16.4 24.6#

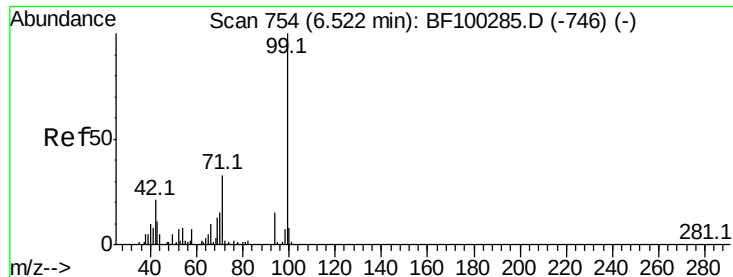


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.511 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

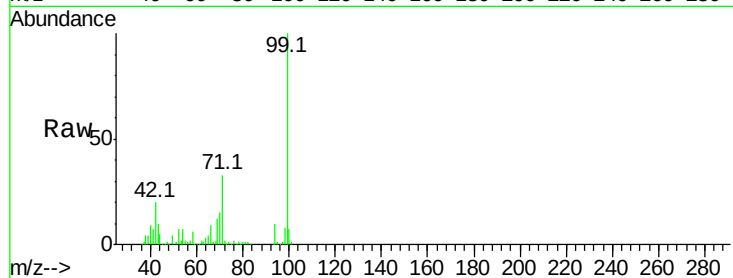
Tot Ion: 99 Resp: 584575

Ion Ratio Lower Upper

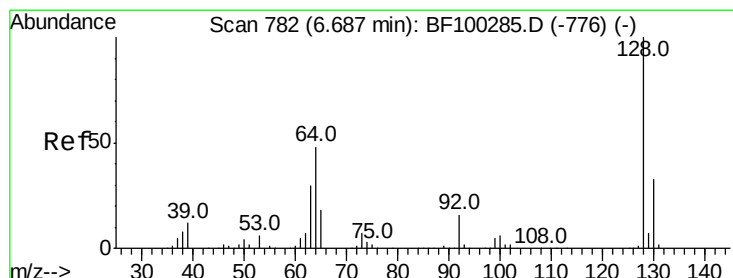
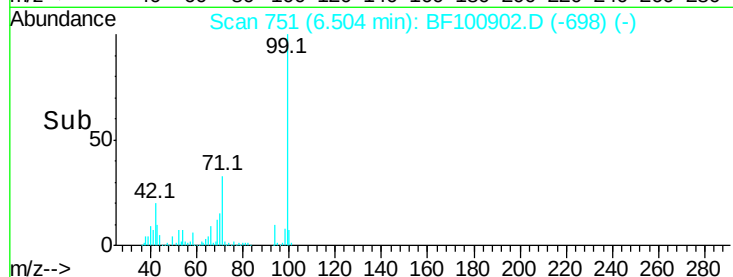
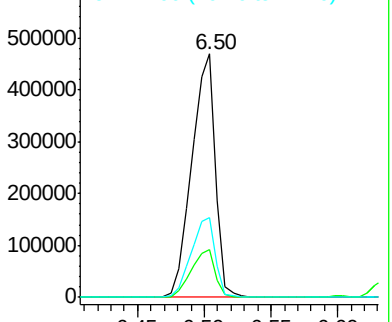
99 100

42 19.6 14.5 21.7

71 32.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 47.058 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

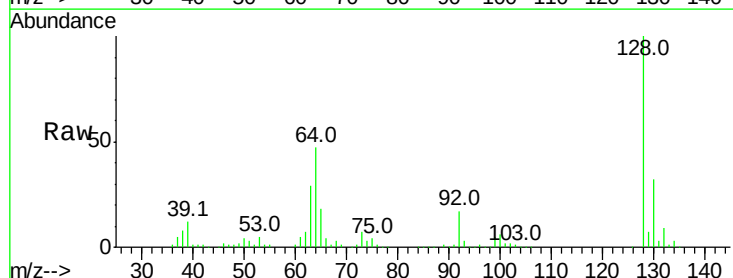
Tgt Ion: 128 Resp: 195833

Ion Ratio Lower Upper

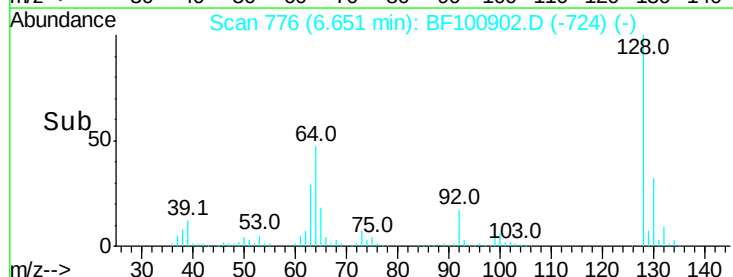
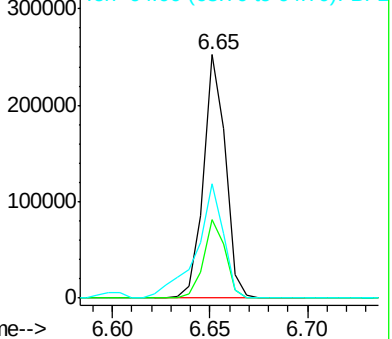
128 100

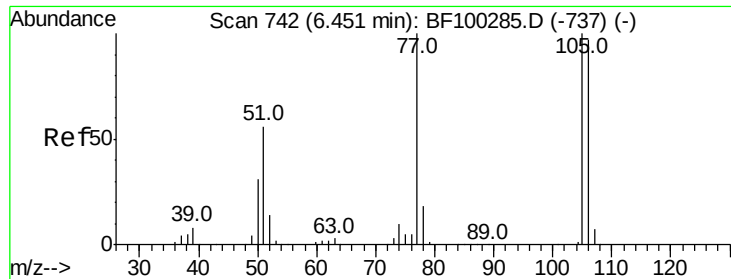
130 32.1 13.0 53.0

64 47.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.205 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

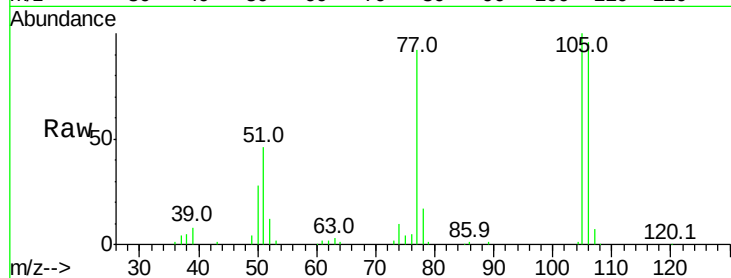
Tot Ion: 77 Resp: 63064

Ion Ratio Lower Upper

77 100

105 108.4 81.1 121.1

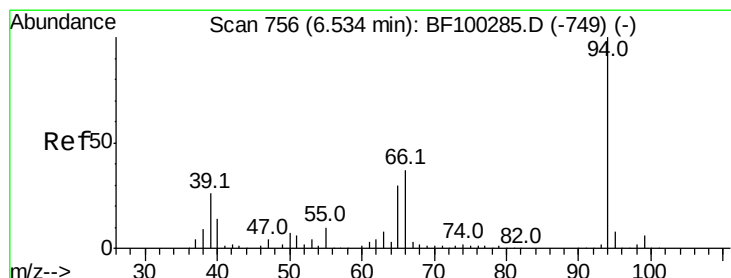
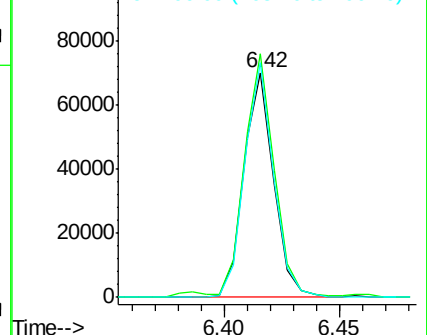
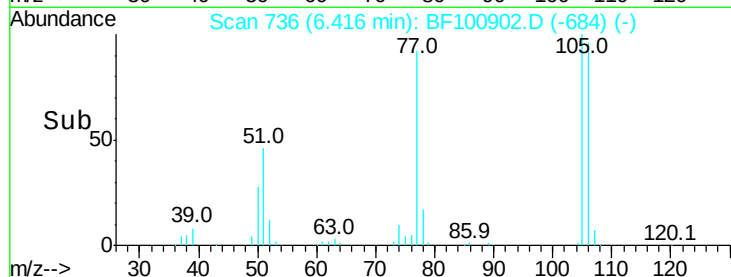
106 104.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.992 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

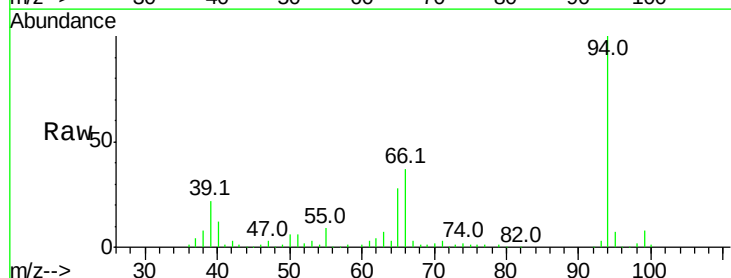
Tgt Ion: 94 Resp: 193466

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

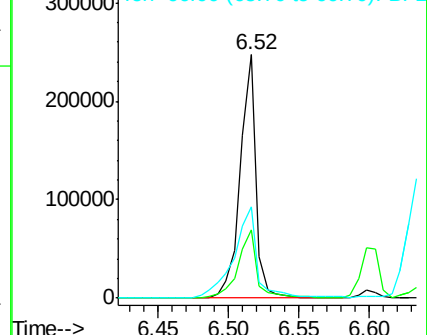
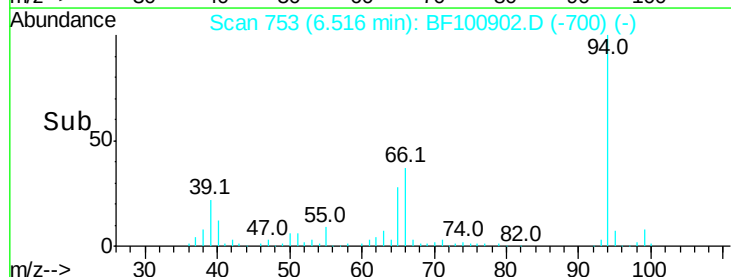
66 37.3 16.2 56.2

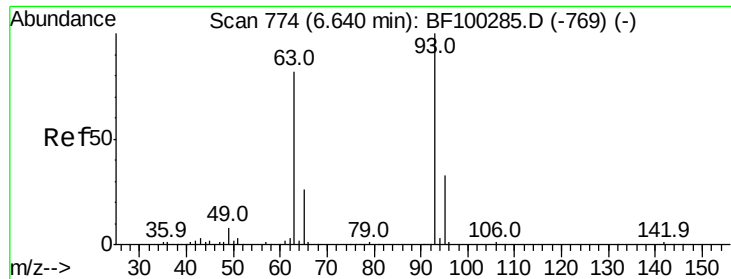


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.827 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

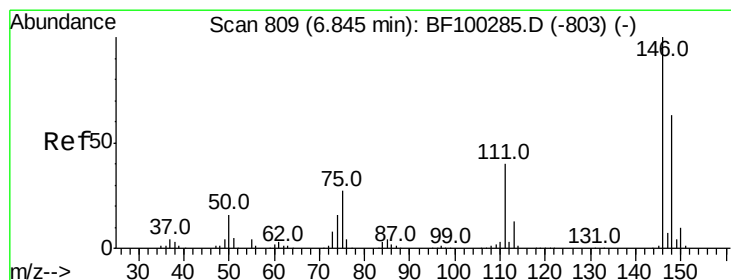
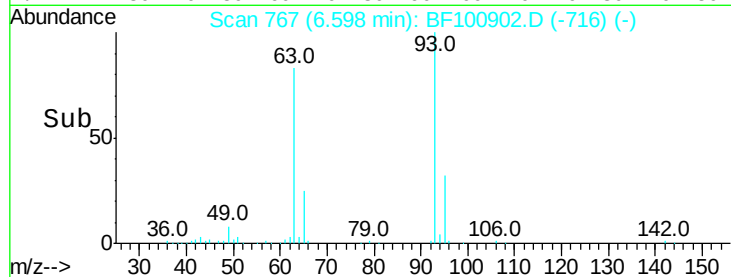
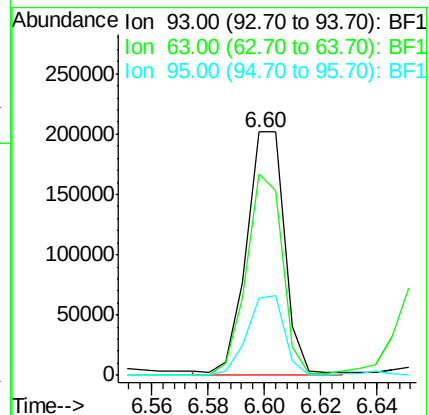
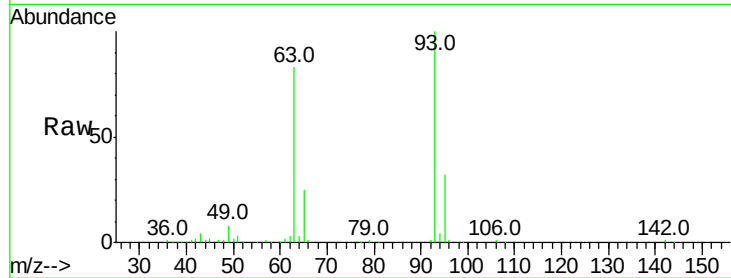
Tot Ion: 93 Resp: 191738

Ion Ratio Lower Upper

93 100

63 82.9 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 46.616 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

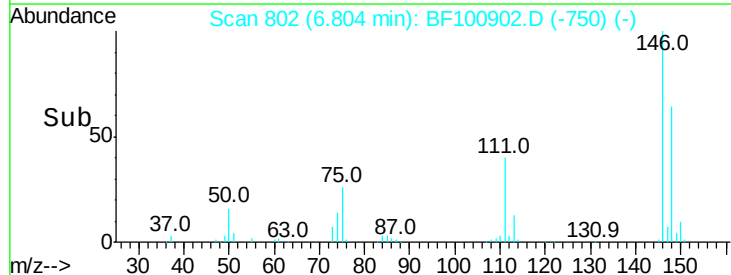
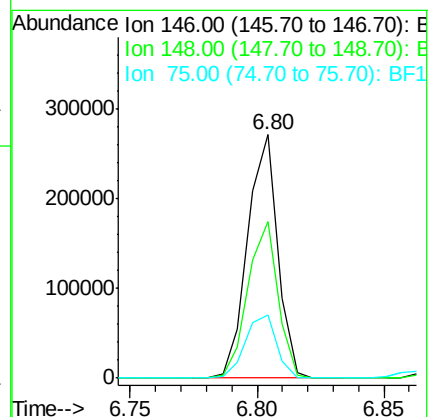
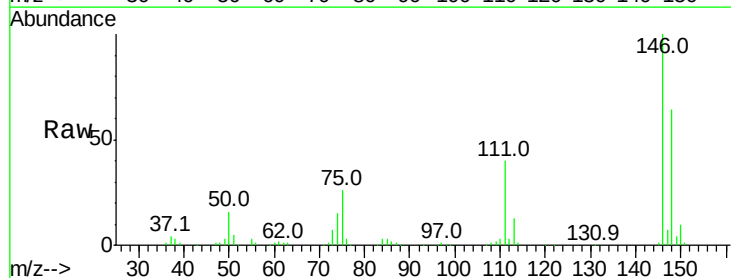
Tgt Ion: 146 Resp: 223659

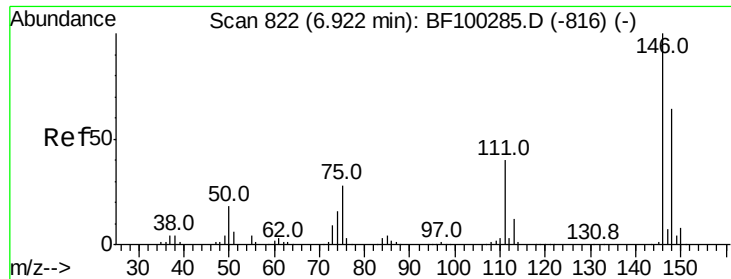
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 25.8 24.2 36.4

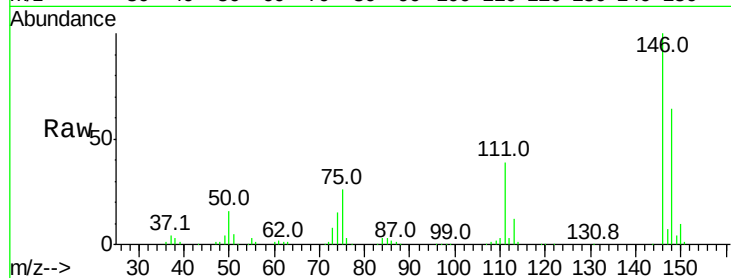




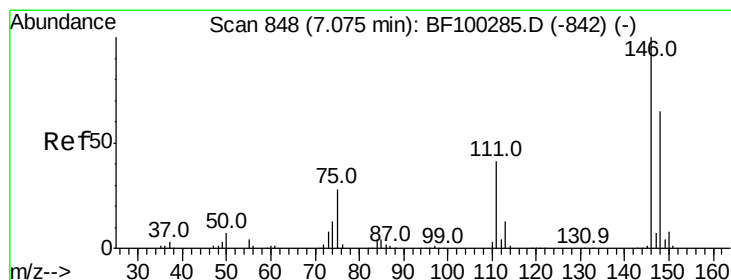
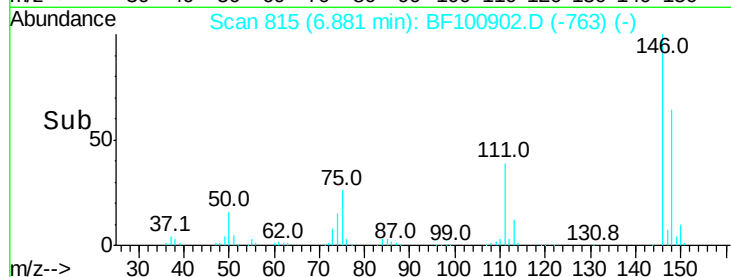
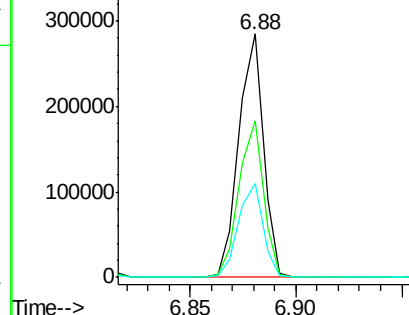
#13
 1,4-Dichlorobenzene
 Concen: 47.186 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion:146 Resp: 229135
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 38.7 34.2 51.2

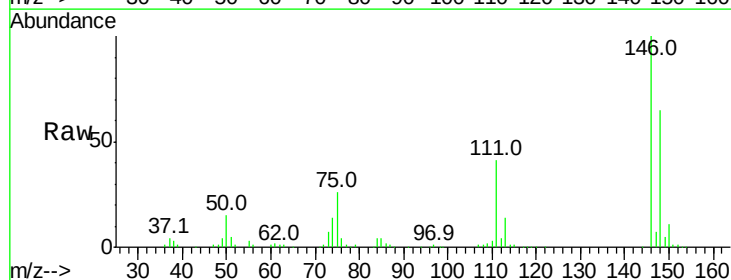


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

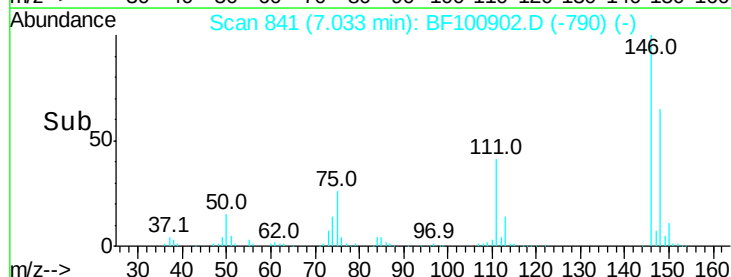
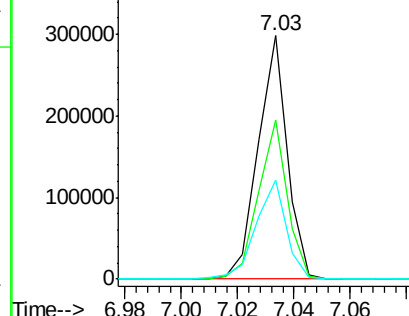


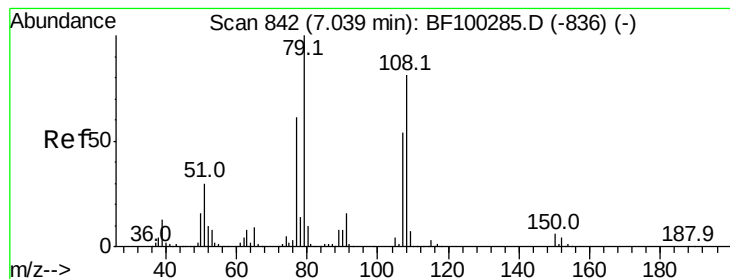
#14
 1,2-Dichlorobenzene
 Concen: 47.363 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:146 Resp: 212650
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 40.7 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: 42.528 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

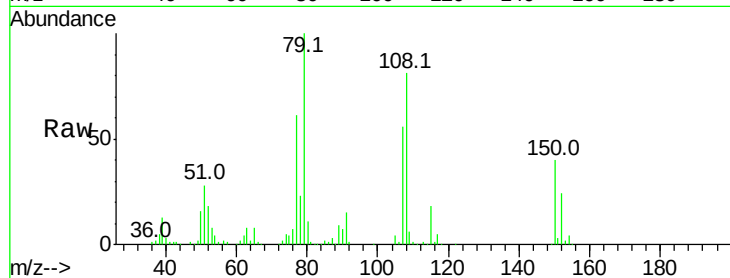
Tot Ion: 79 Resp: 161005

Ion Ratio Lower Upper

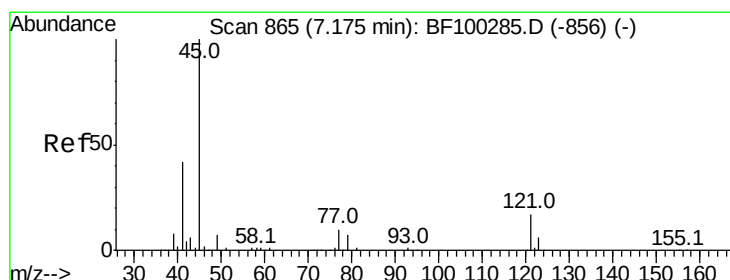
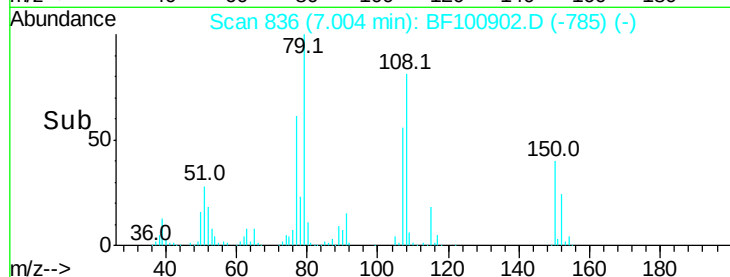
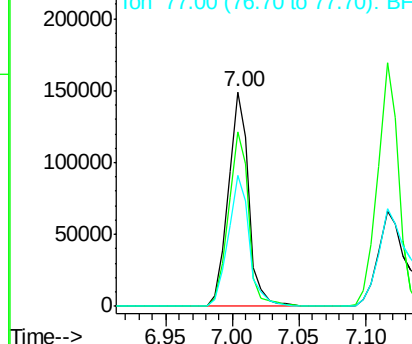
79 100

108 81.1 65.1 97.7

77 61.1 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.964 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

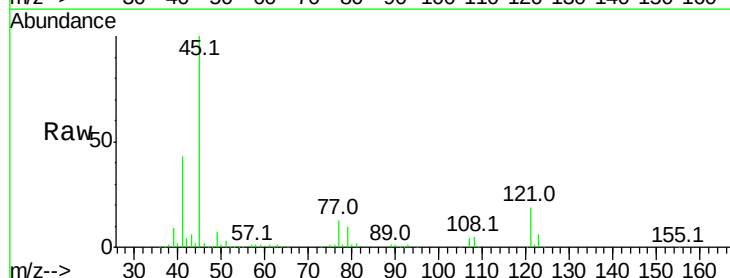
Tgt Ion: 45 Resp: 314446

Ion Ratio Lower Upper

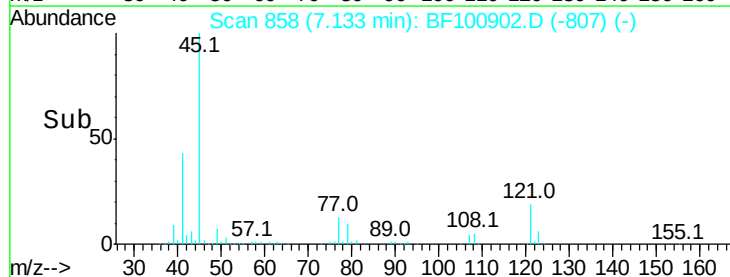
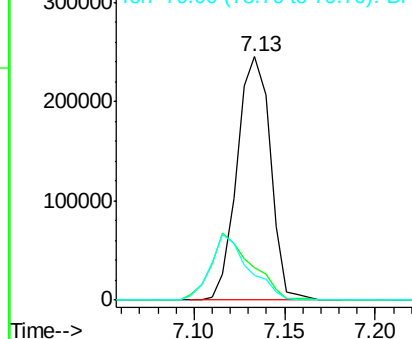
45 100

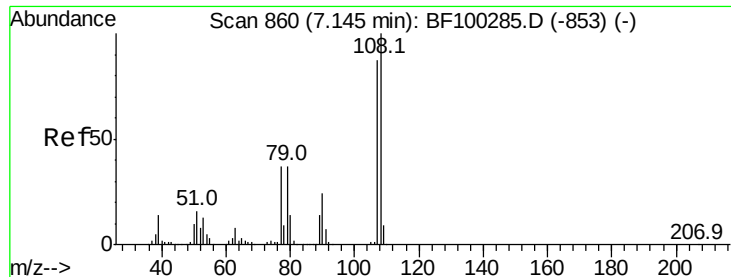
77 13.4 0.0 32.9

79 10.4 0.0 29.6



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





#17

2-Methylphenol

Concen: 45.056 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

Tot Ion:107 Resp: 160231

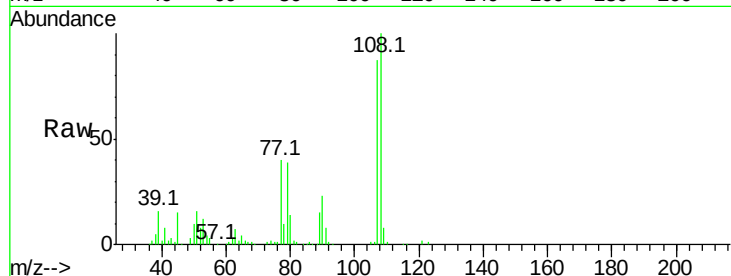
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 45.8 33.8 50.8

79 44.5 33.8 50.8

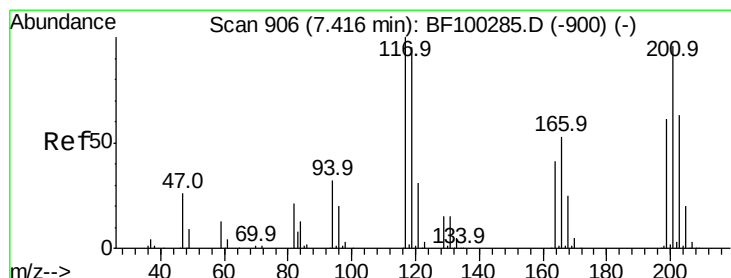
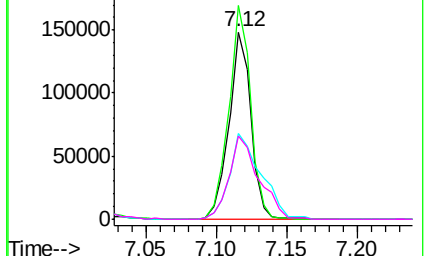
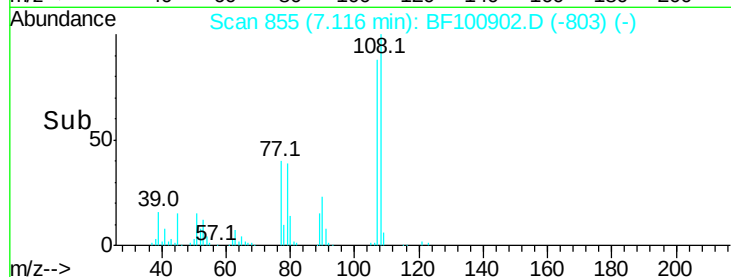


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.336 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

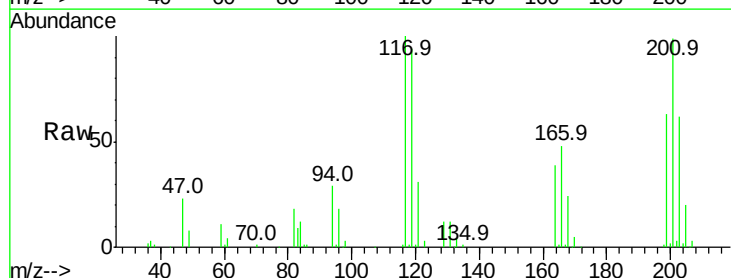
Tgt Ion:117 Resp: 70987

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

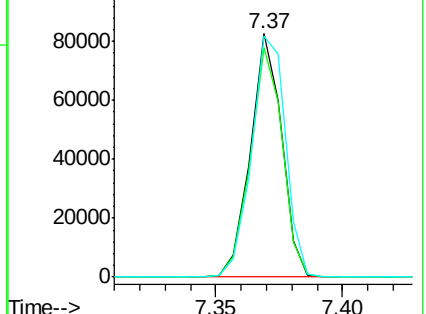
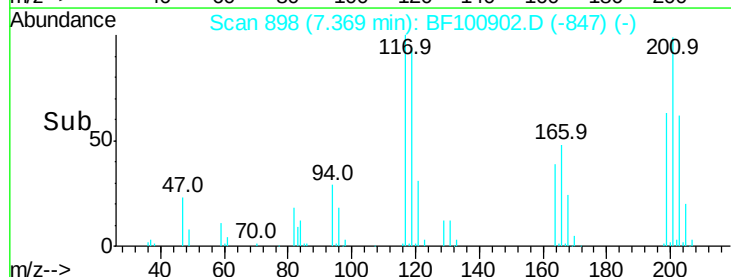
201 98.9 75.7 113.5

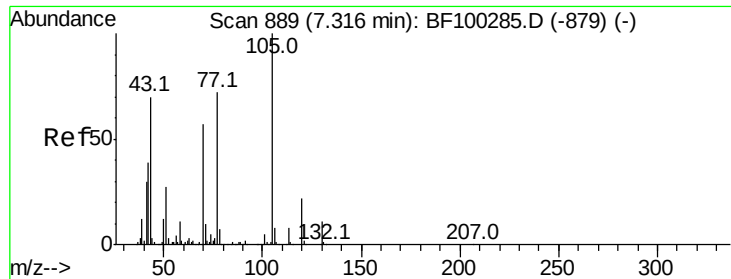


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

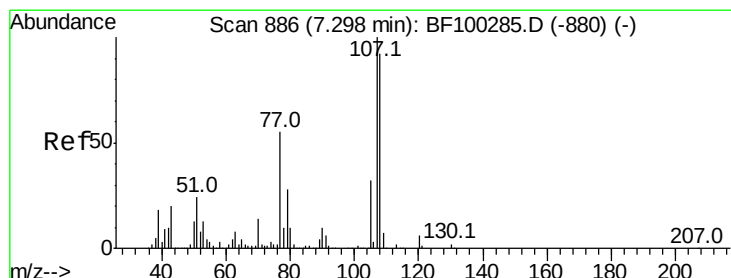
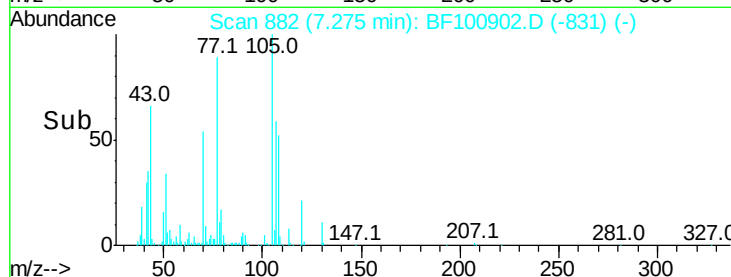
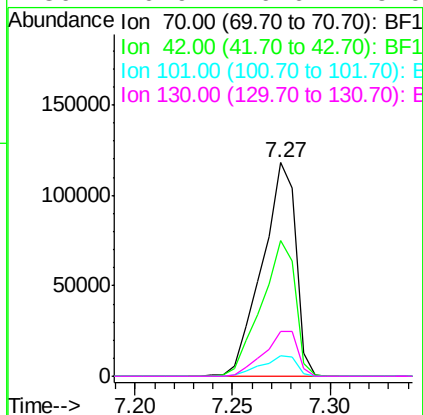
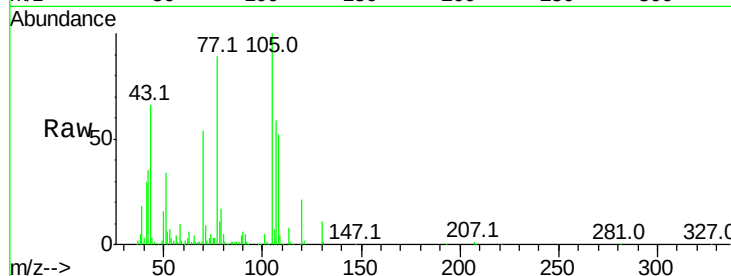




#19
n-Nitroso-di-n-propylamine
Concen: 41.866 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

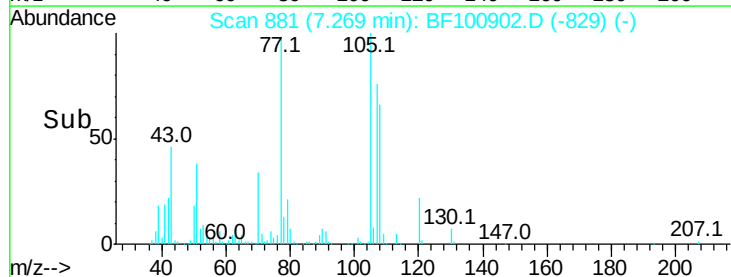
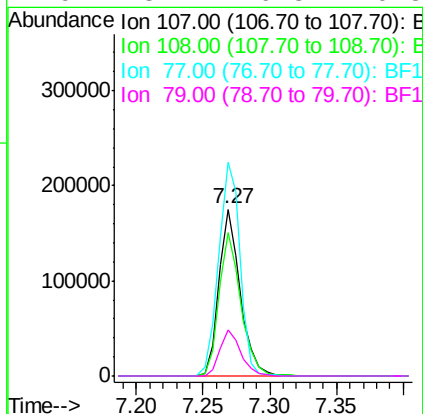
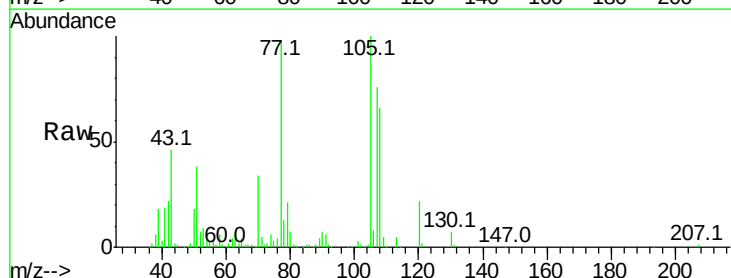
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

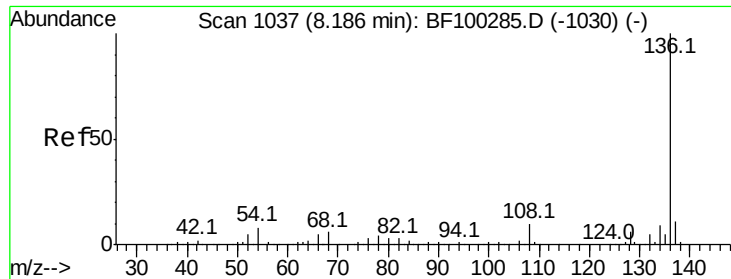
Tot Ion: 70 Resp: 140839
Ion Ratio Lower Upper
70 100
42 63.5 47.5 71.3
101 9.7 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.972 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:107 Resp: 197882
Ion Ratio Lower Upper
107 100
108 86.5 68.2 108.2
77 128.4 26.7 66.7#
79 28.1 6.3 46.3

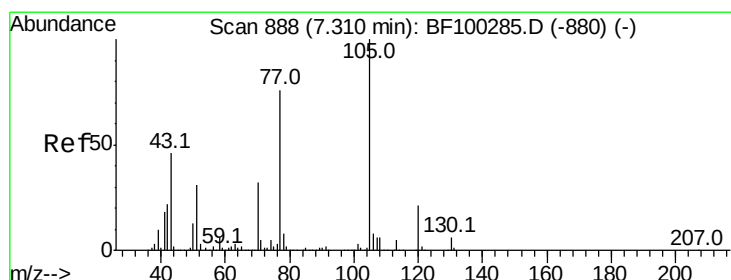
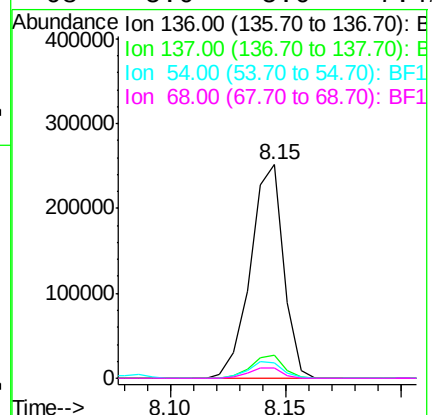
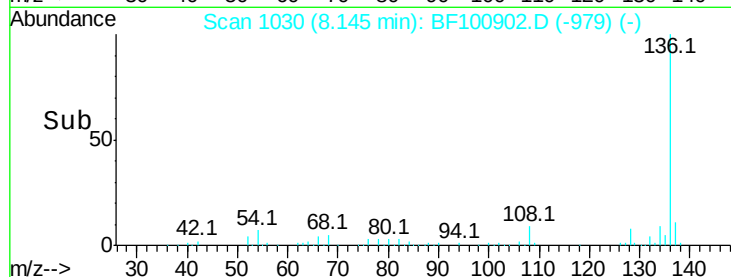
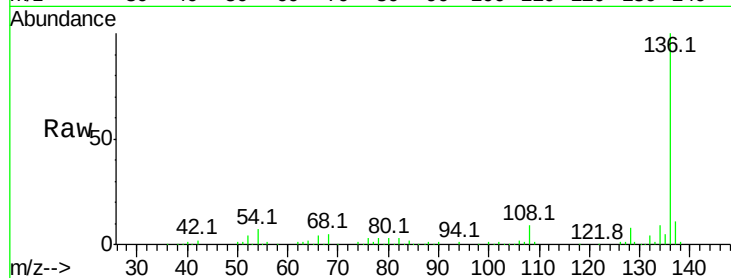




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

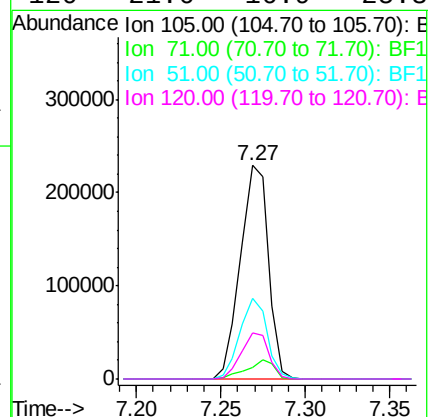
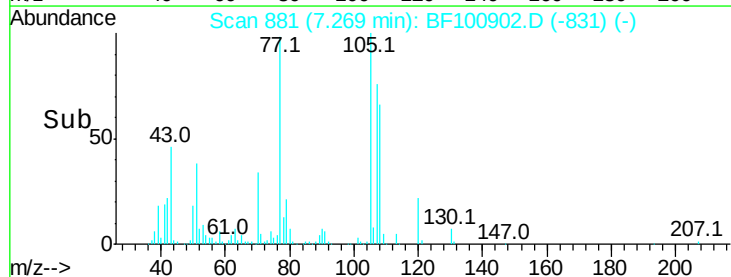
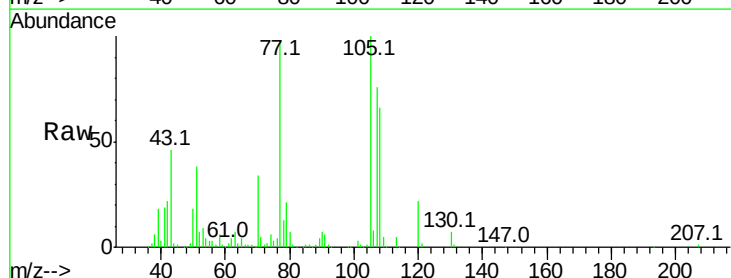
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

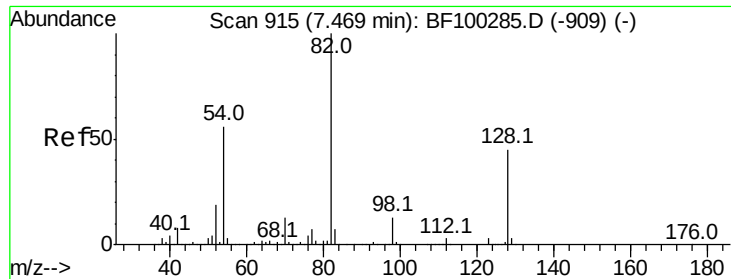
Tot Ion:136	Resp:	252169
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 7.3	6.6	9.8
68 5.0	5.0	7.4#



#22
Acetophenone
Concen: 43.232 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt	Ion:105	Resp:	265839
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	37.8	22.3	33.5#
120	21.6	16.9	25.3

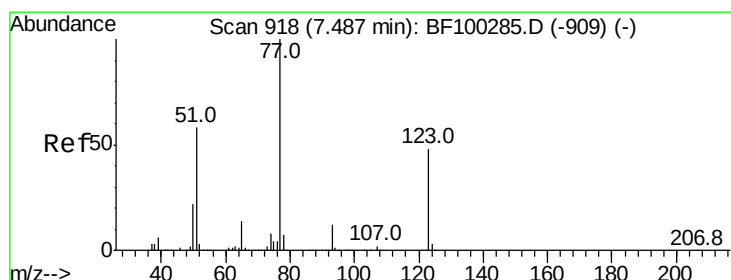
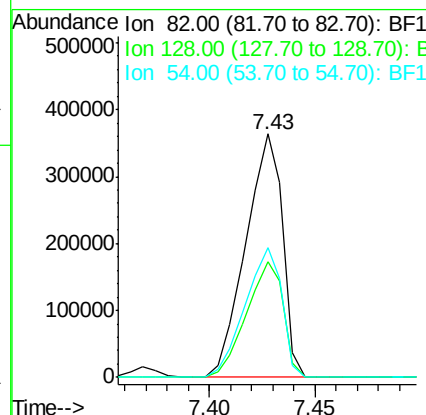
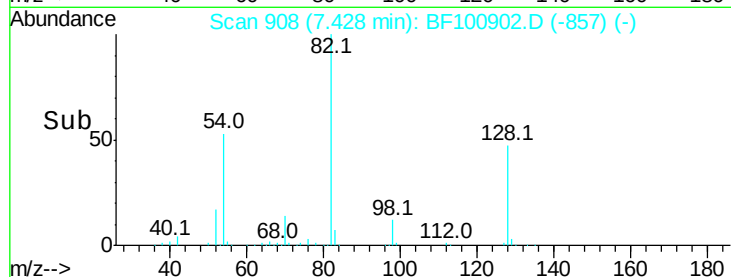
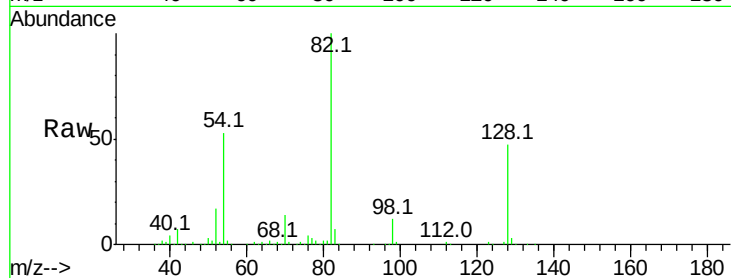




#23
Nitrobenzene-d5
Concen: 115.326 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

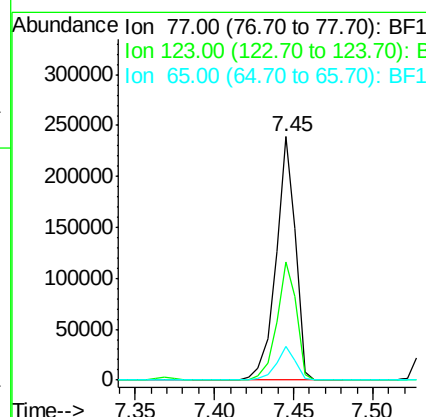
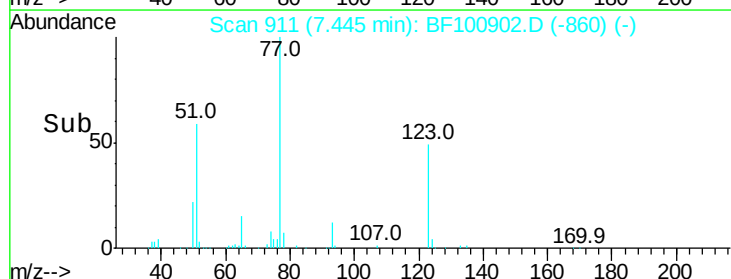
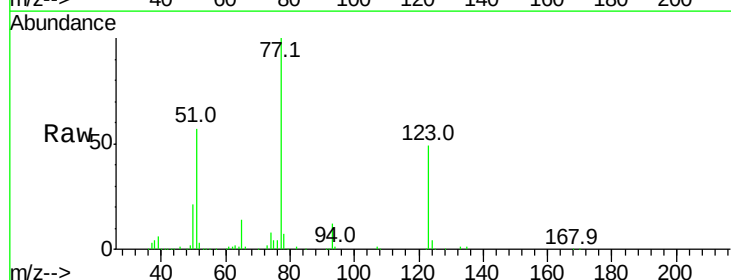
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

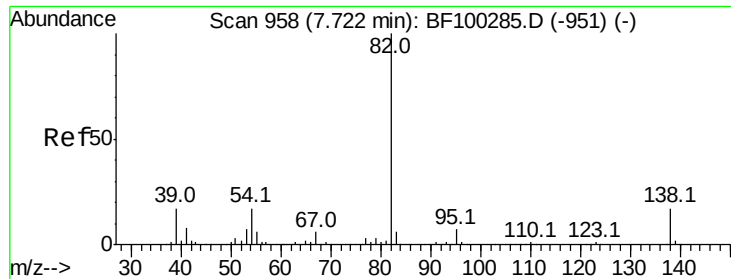
Tot Ion: 82 Resp: 439875
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 53.4 41.4 62.2



#24
Nitrobenzene
Concen: 52.150 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion: 77 Resp: 204729
Ion Ratio Lower Upper
77 100
123 48.8 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 47.403 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

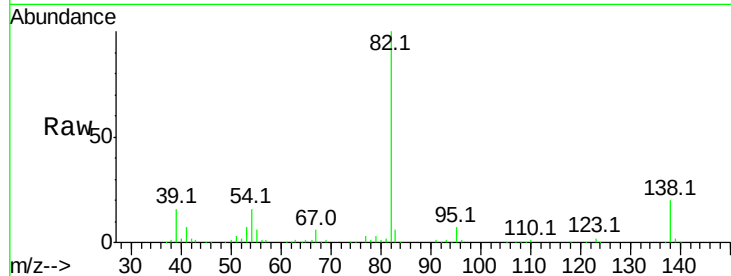
Tot Ion: 82 Resp: 379942

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

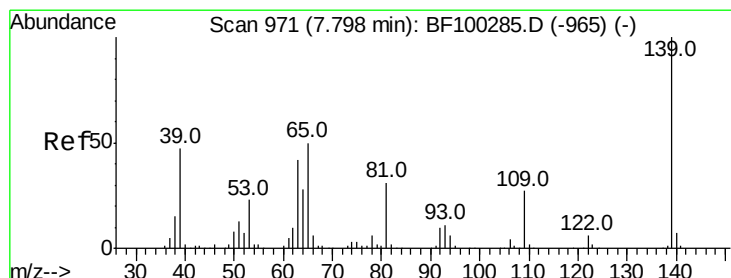
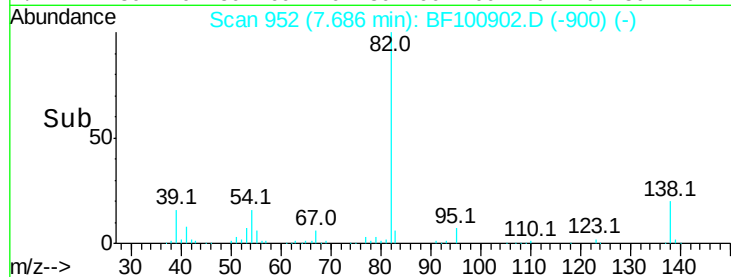
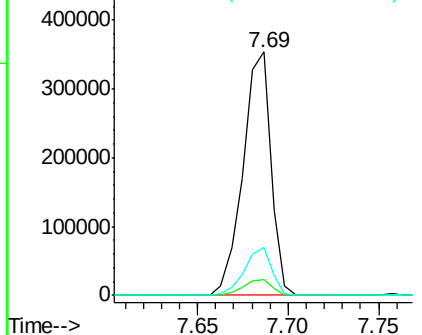
138 19.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.435 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

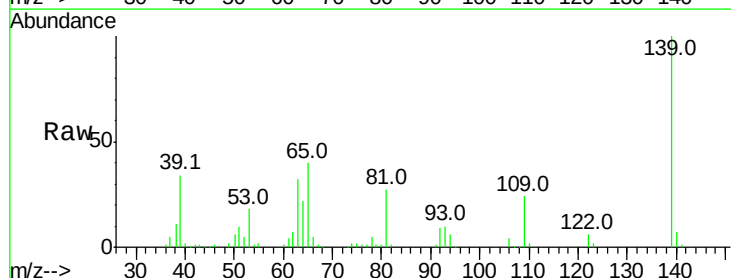
Tgt Ion: 139 Resp: 105836

Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

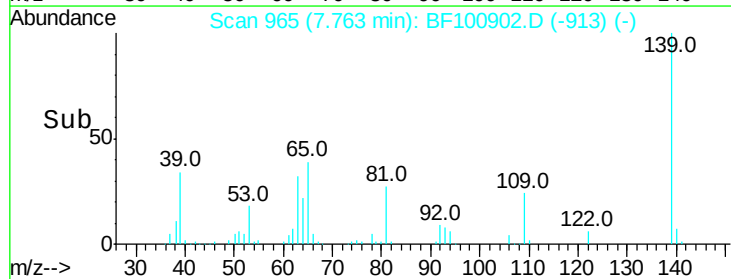
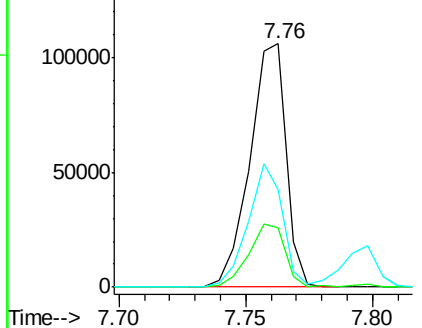
65 40.3 40.5 60.7#

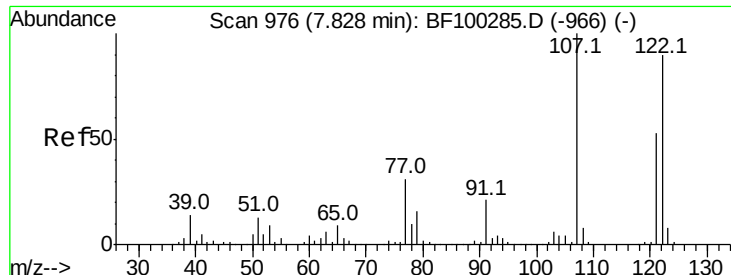


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

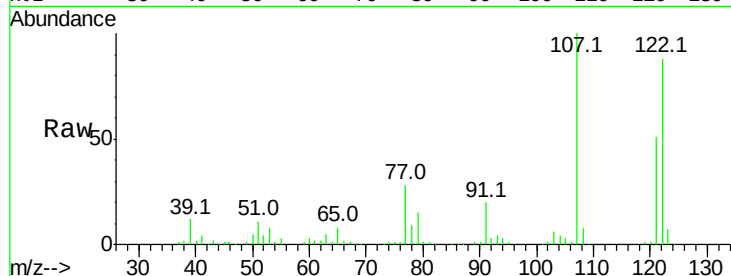




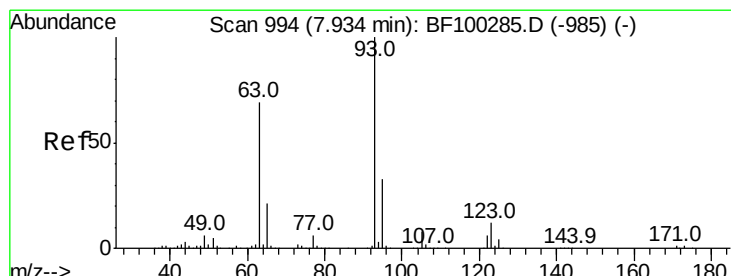
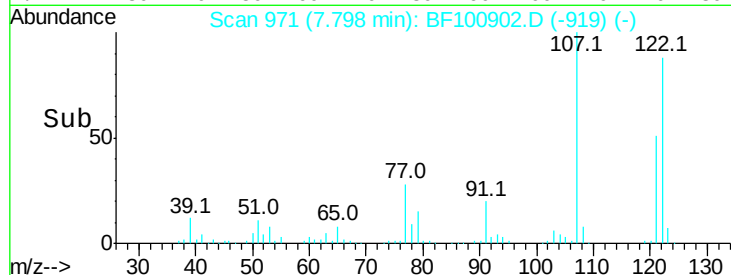
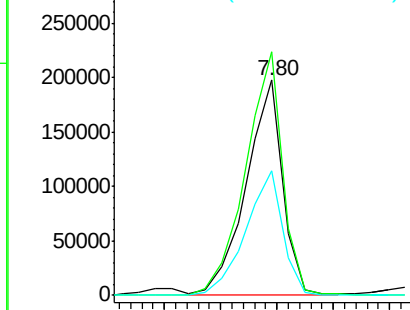
#27
2,4-Dimethylphenol
Concen: 49.467 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

Tot Ion:122 Resp: 177739
Ion Ratio Lower Upper
122 100
107 113.3 91.2 136.8
121 58.2 47.2 70.8

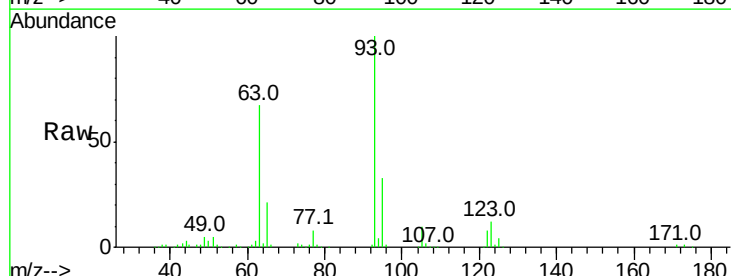


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

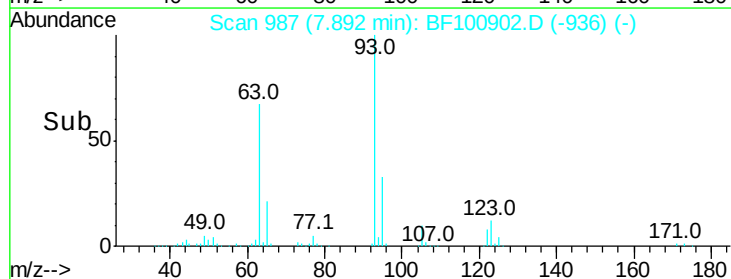
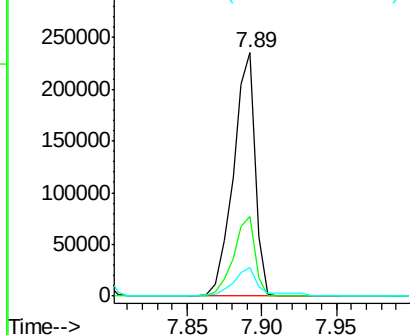


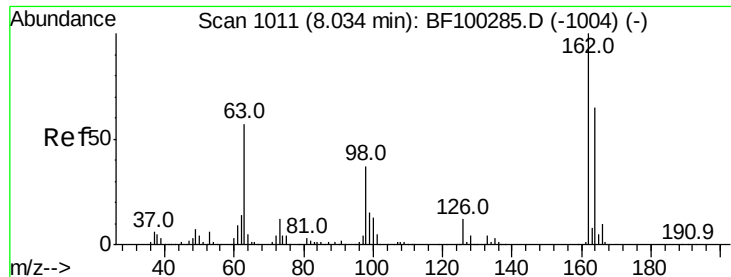
#28
bis(2-Chloroethoxy)methane
Concen: 45.965 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion: 93 Resp: 240989
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.7 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

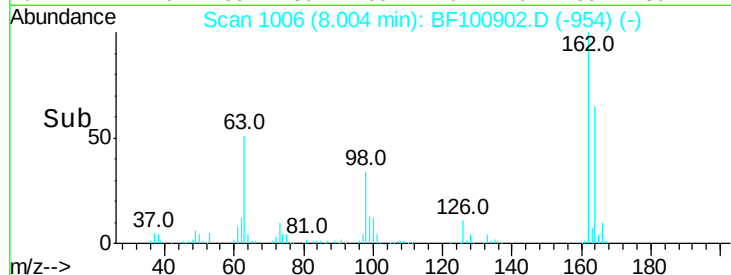
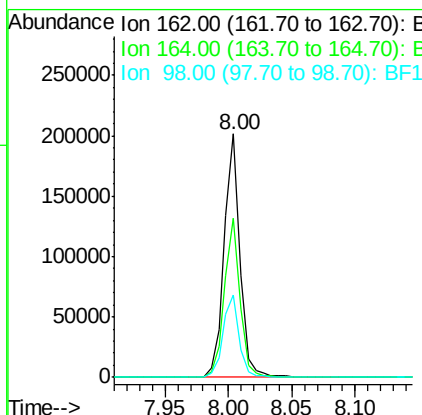
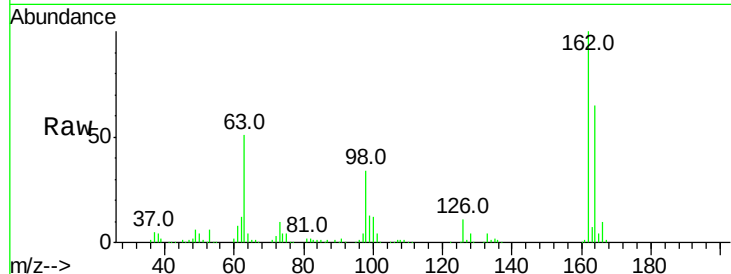




#29
 2,4-Dichlorophenol
 Concen: 51.398 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

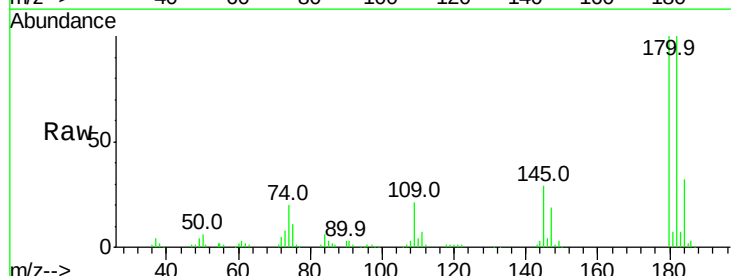
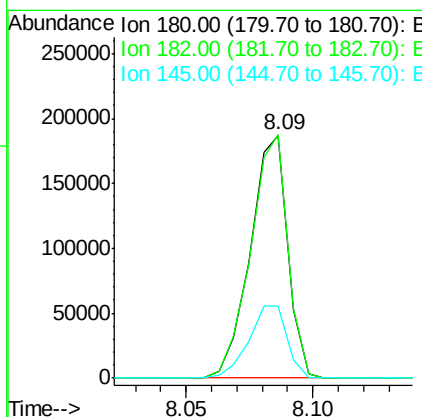
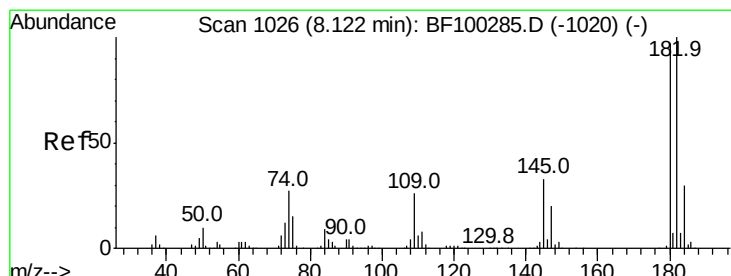
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

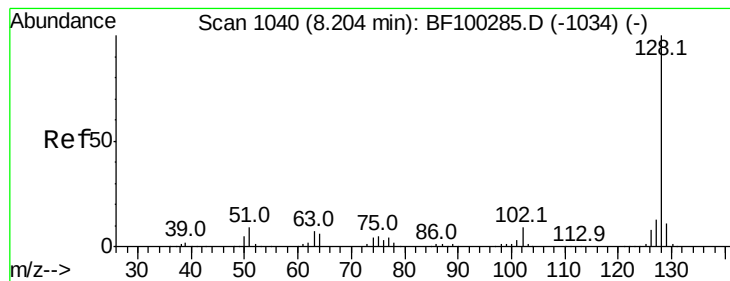
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	33.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.504 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	29.6	26.5	39.7





#31

Naphthalene

Concen: 48.939 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

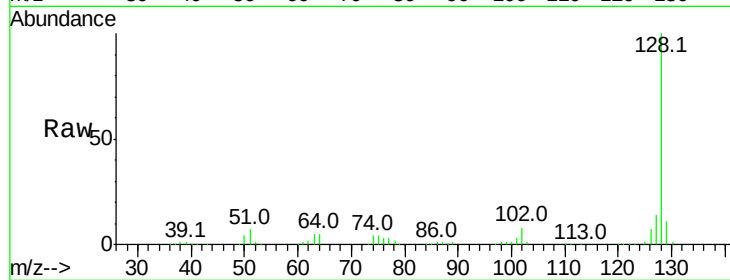
Tot Ion:128 Resp: 594405

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

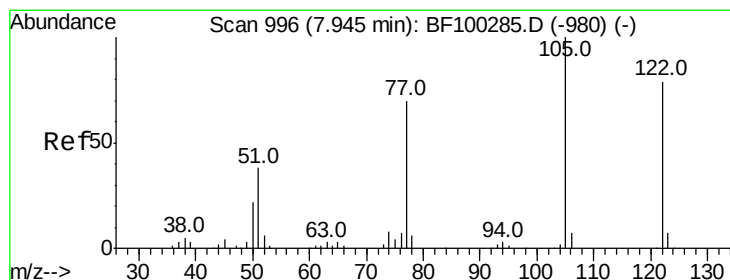
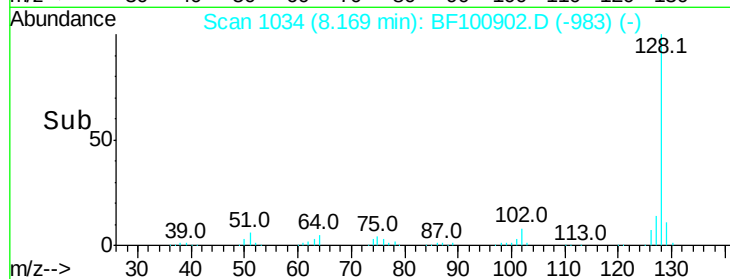
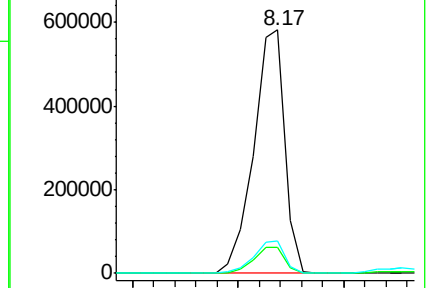
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.399 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

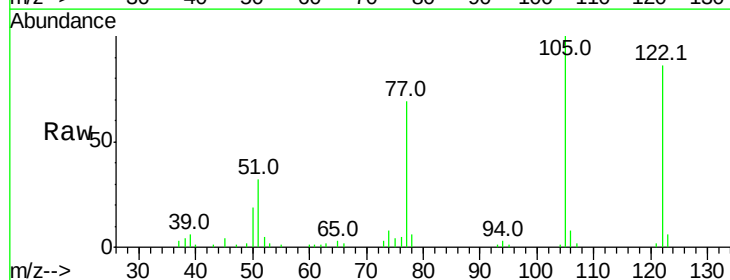
Tgt Ion:122 Resp: 112920

Ion Ratio Lower Upper

122 100

105 116.6 101.1 141.1

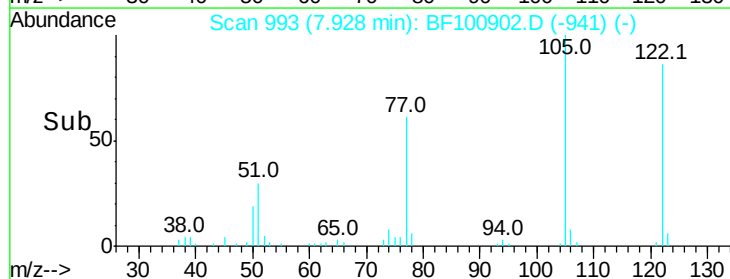
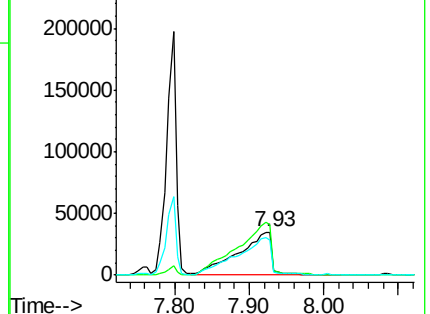
77 80.1 70.7 110.7

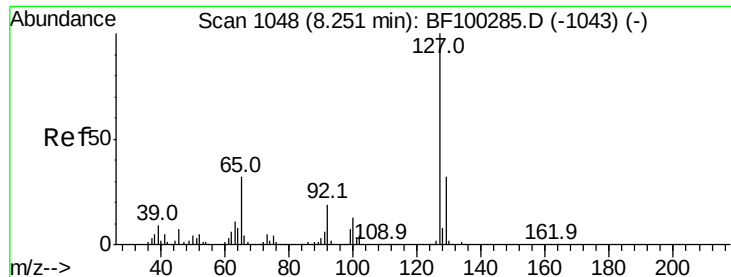


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

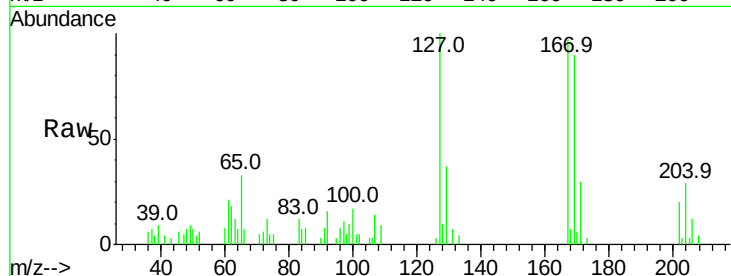




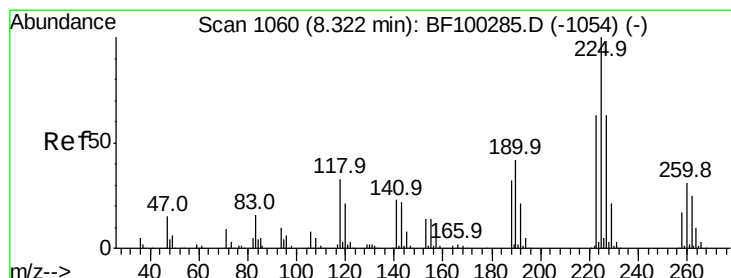
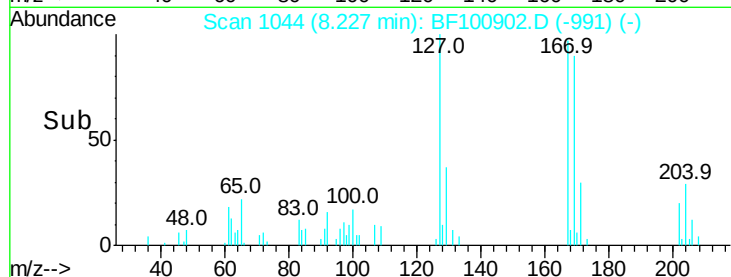
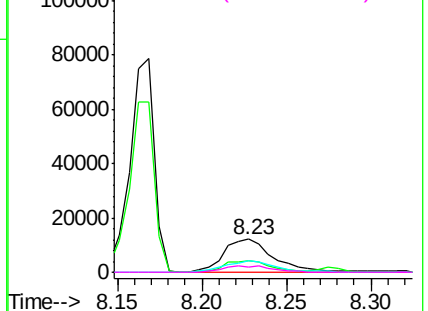
#33
 4-Chloroaniline
 Concen: 4.898 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion:	127	Resp:	24765
Ion	Ratio	Lower	Upper
127	100		
129	36.7	25.9	38.9
65	33.2	25.0	37.4
92	16.2	15.2	22.8

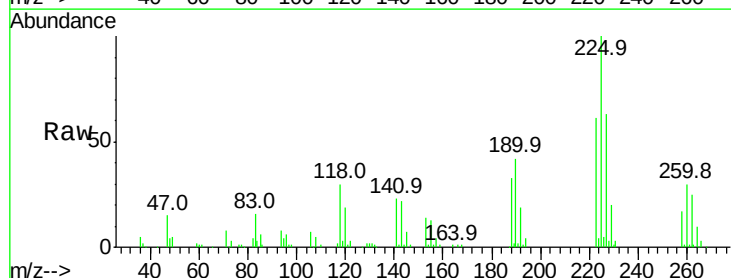


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

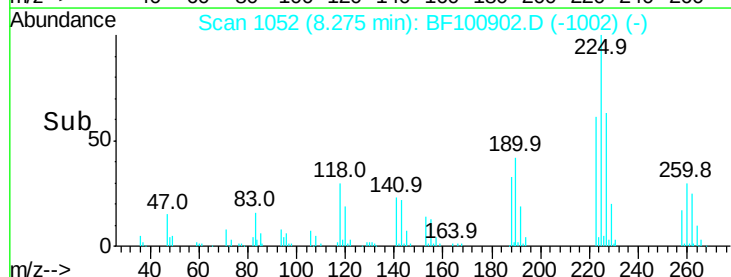
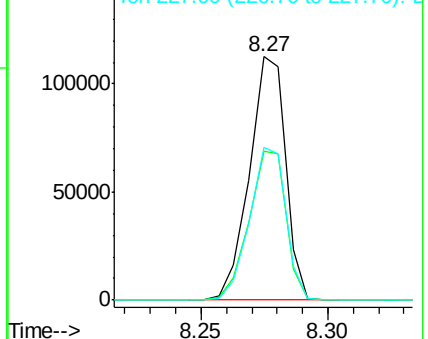


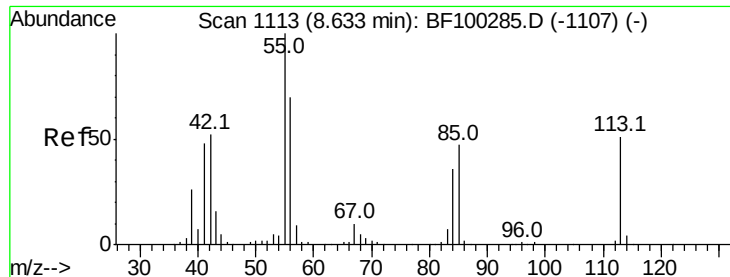
#34
 Hexachlorobutadiene
 Concen: 50.953 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:	225	Resp:	112405
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	63.0	51.9	77.9



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

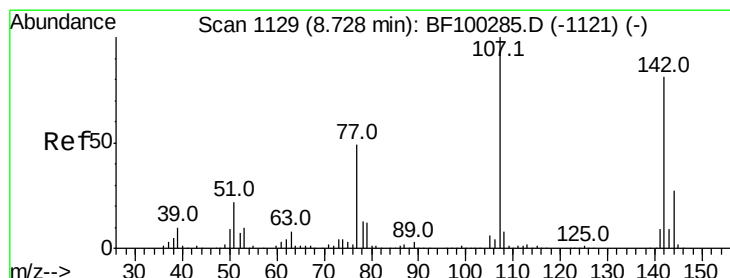
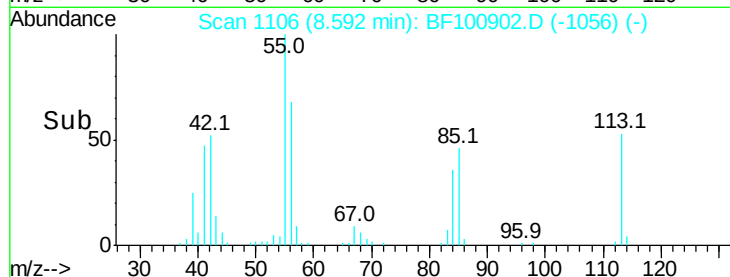
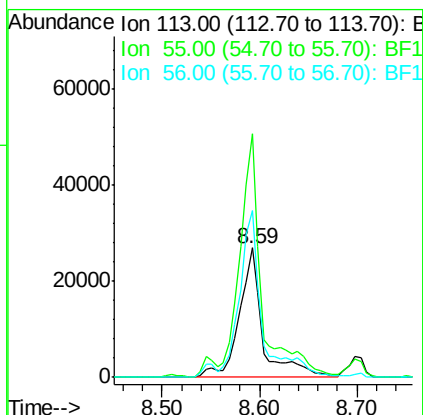
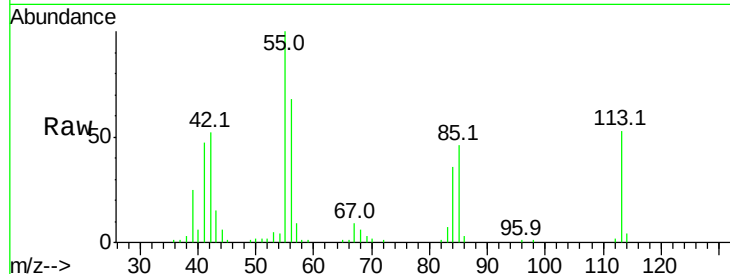




#35
 Caprolactam
 Concen: 38.523 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

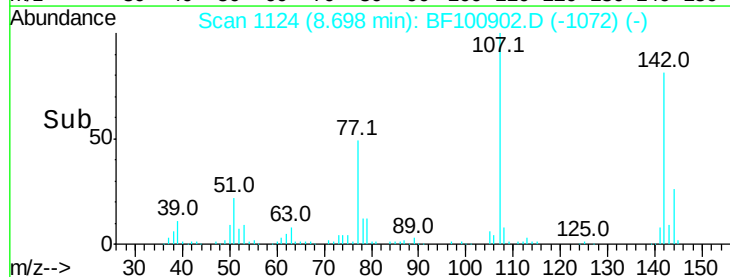
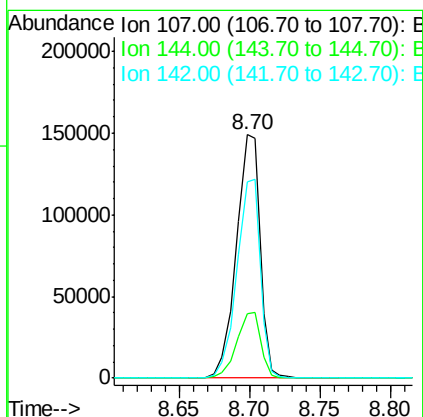
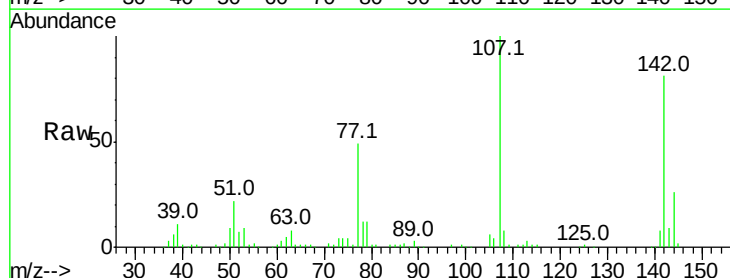
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

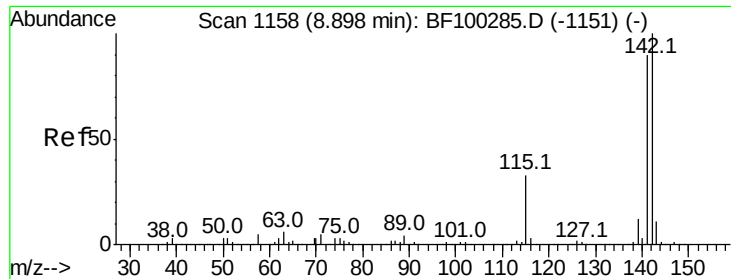
Tot Ion:113 Resp: 45347
 Ion Ratio Lower Upper
 113 100
 55 188.3 163.3 203.3
 56 128.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.635 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:107 Resp: 175484
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 80.6 62.0 93.0

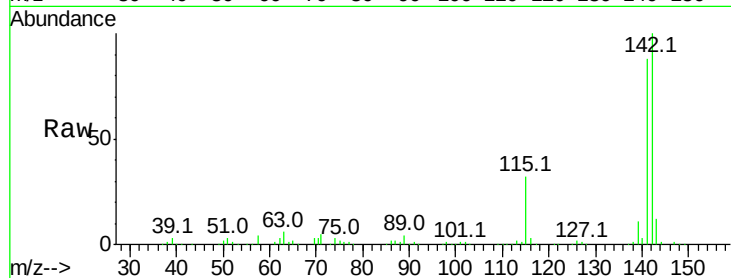




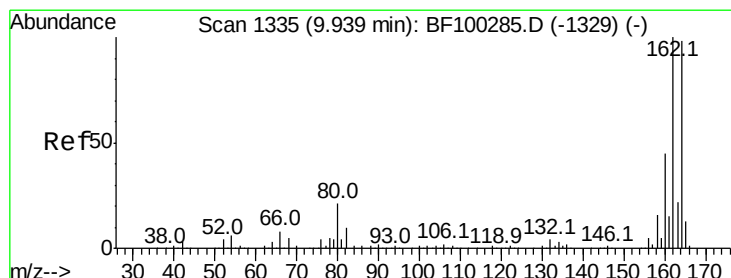
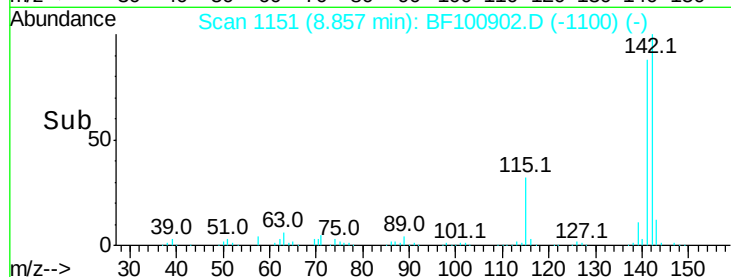
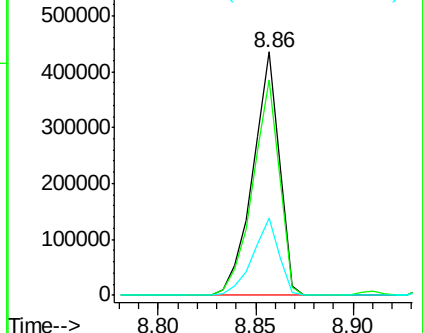
#37
 2-Methylnaphthalene
 Concen: 50.727 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	31.7	26.1	39.1

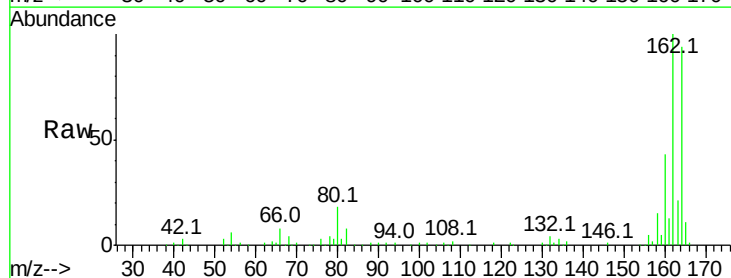


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

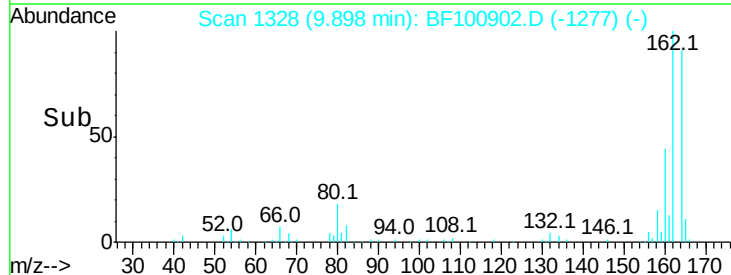
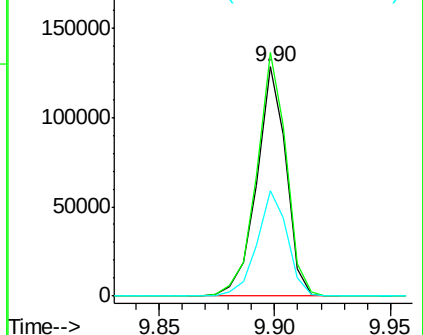


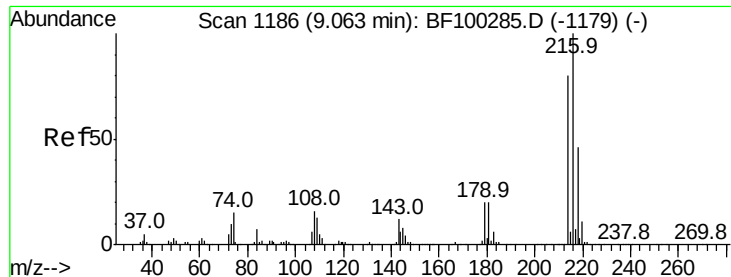
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.2	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.772 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

Tot Ion:216 Resp: 187594

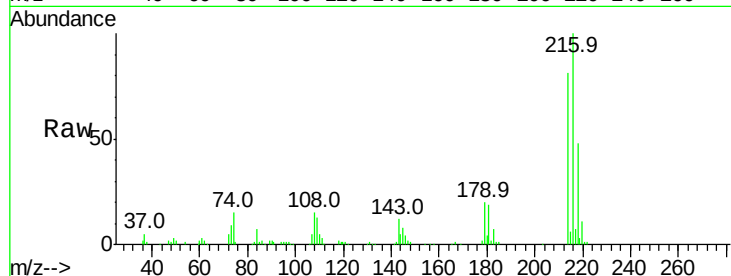
Ion Ratio Lower Upper

216 100

214 80.8 63.0 94.4

179 20.3 18.1 27.1

108 15.5 17.2 25.8#

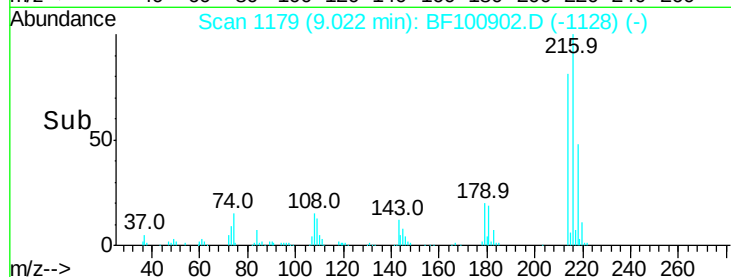


Abundance Ion 216.00 (215.70 to 216.70): E

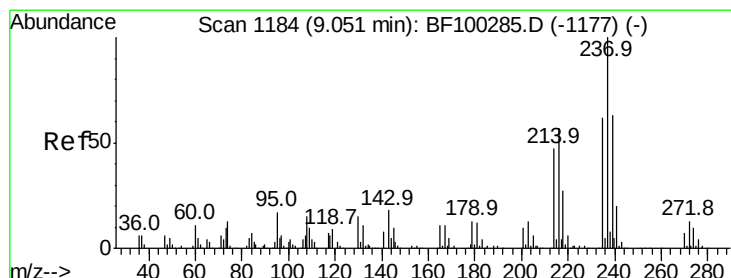
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.042 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

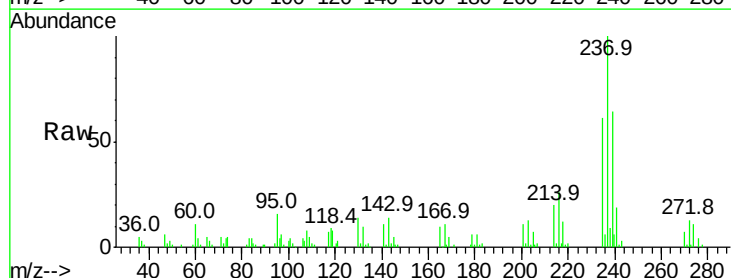
Tgt Ion:237 Resp: 60388

Ion Ratio Lower Upper

237 100

235 61.1 44.8 84.8

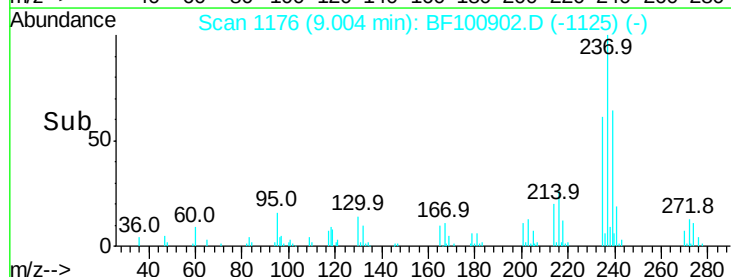
272 13.0 0.0 33.3



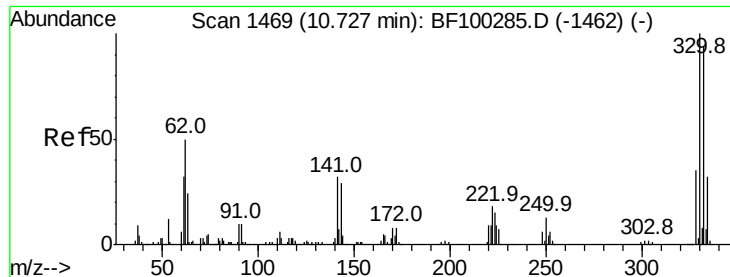
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 158.233 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

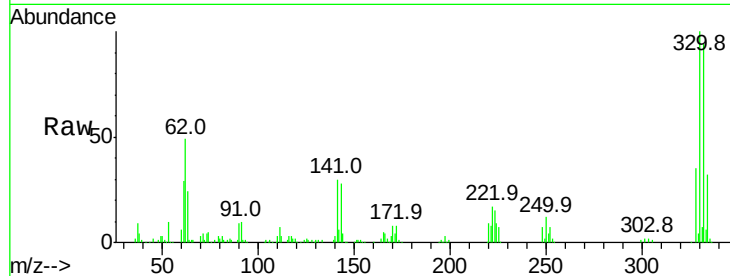
Tot Ion:330 Resp: 183242

Ion Ratio Lower Upper

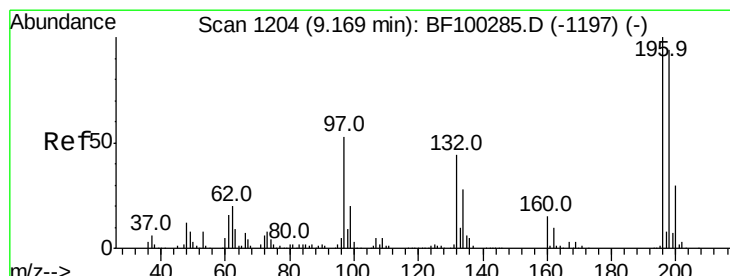
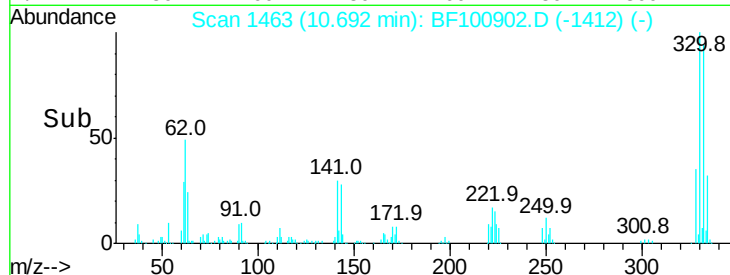
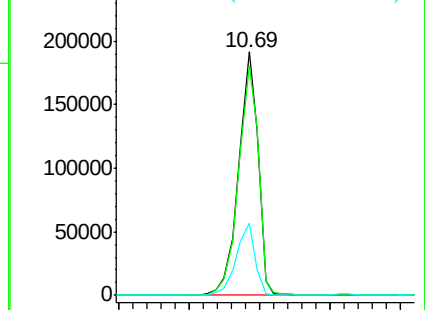
330 100

332 97.2 77.0 115.6

141 28.8 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: 54.393 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

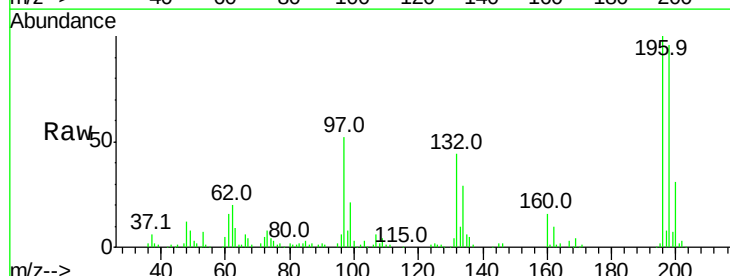
Tgt Ion:196 Resp: 129934

Ion Ratio Lower Upper

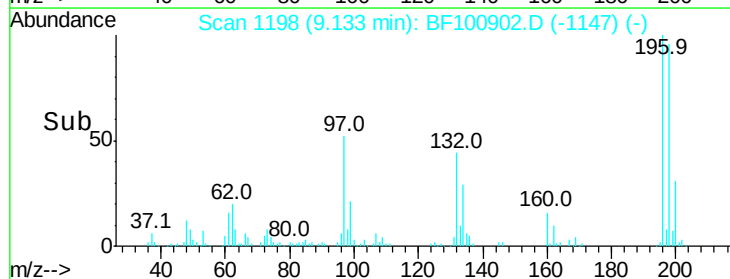
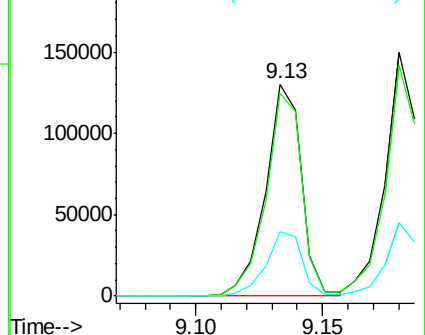
196 100

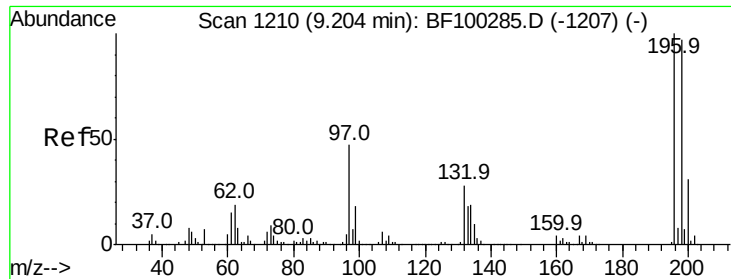
198 95.7 75.7 113.5

200 30.6 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

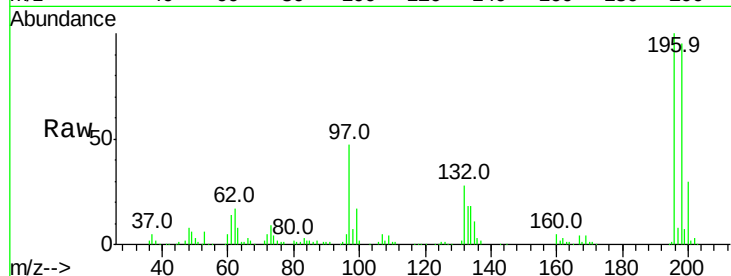




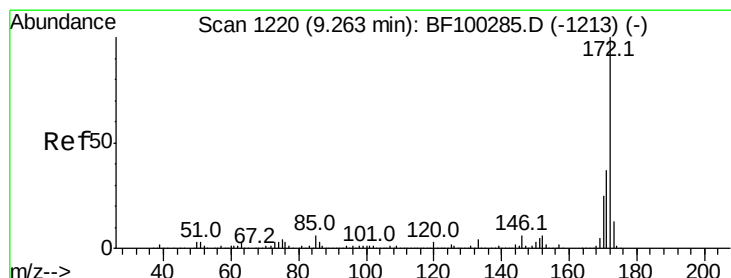
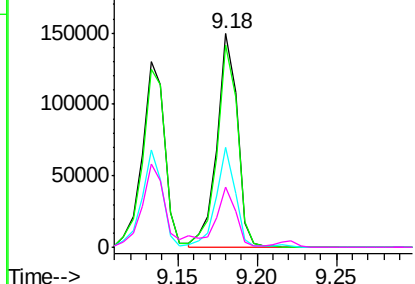
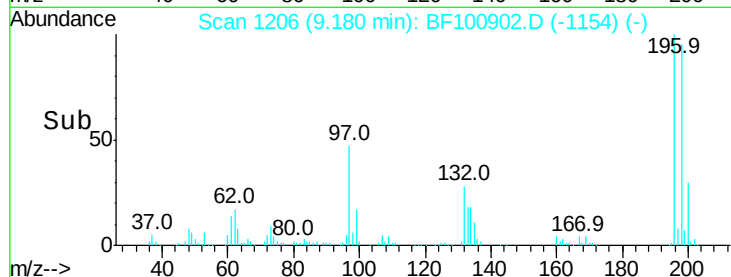
#43
 2,4,5-Trichlorophenol
 Concen: 54.349 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion:196 Resp: 134512
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 46.6 42.9 64.3
 132 27.9 26.3 39.5

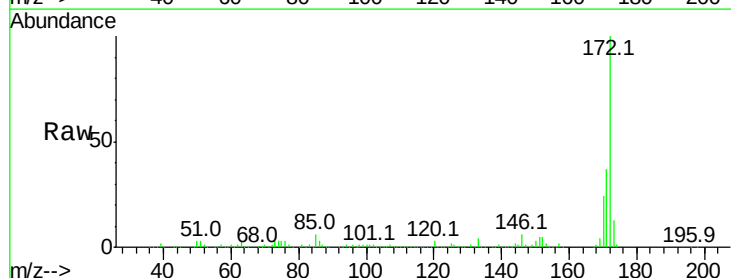


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

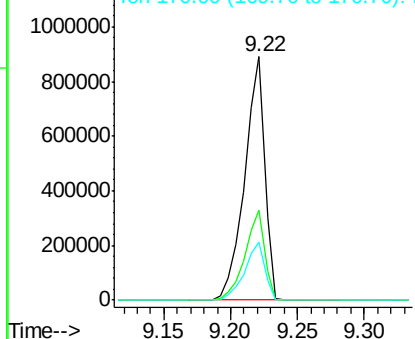
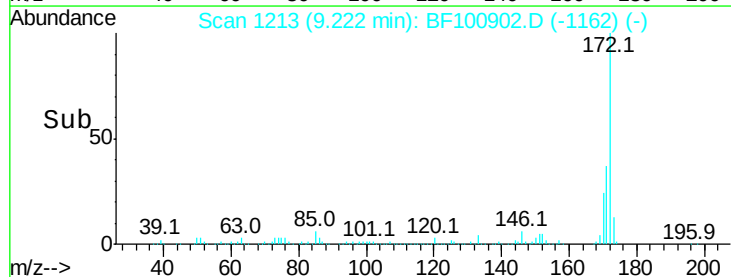


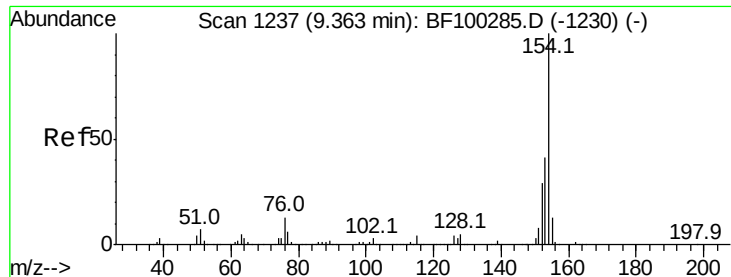
#44
 2-Fluorobiphenyl
 Concen: 123.429 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:172 Resp: 921201
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 23.9 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

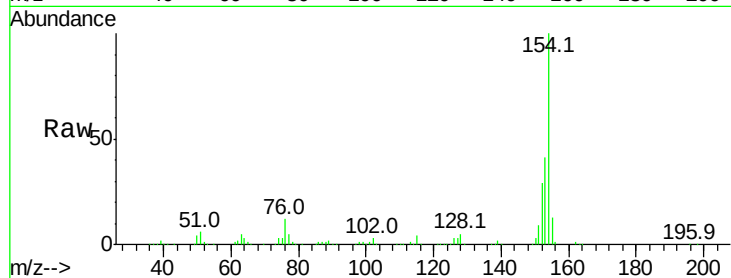




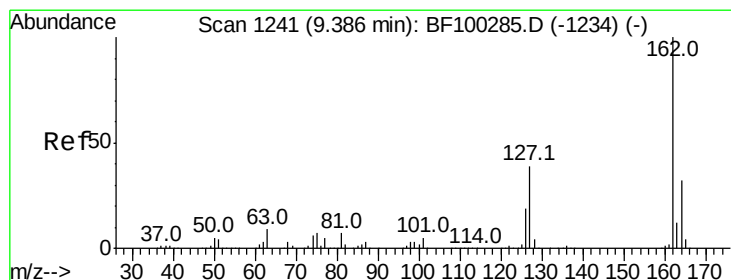
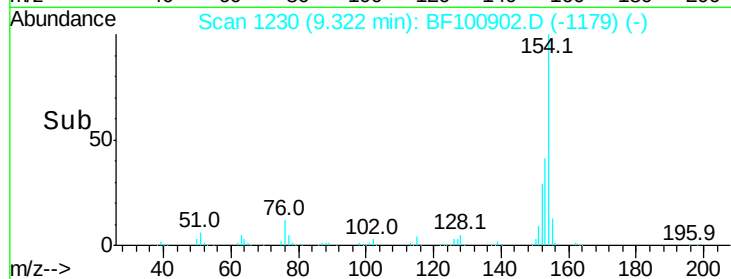
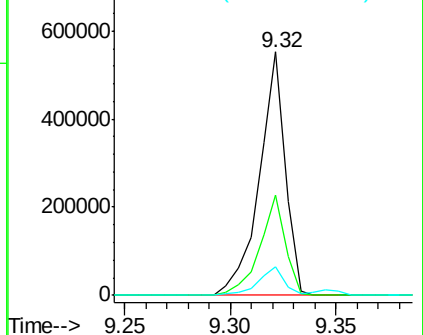
#45
 1,1'-Biphenyl
 Concen: 48.074 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.9	0.0	34.0

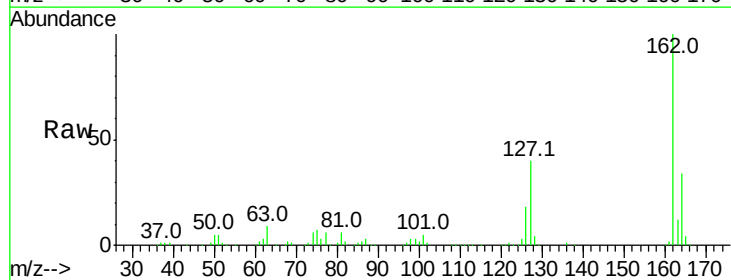


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

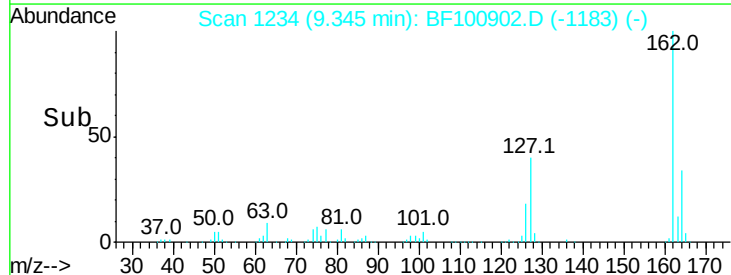
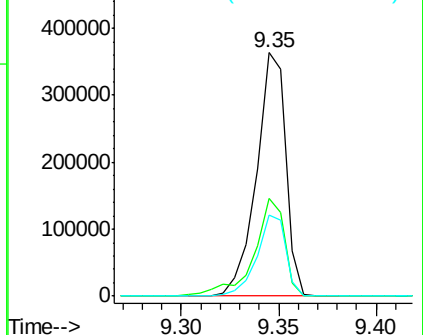


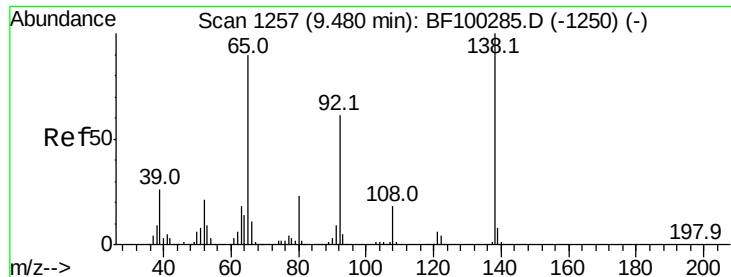
#46
 2-Chloronaphthalene
 Concen: 53.230 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	33.5	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: 51.597 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

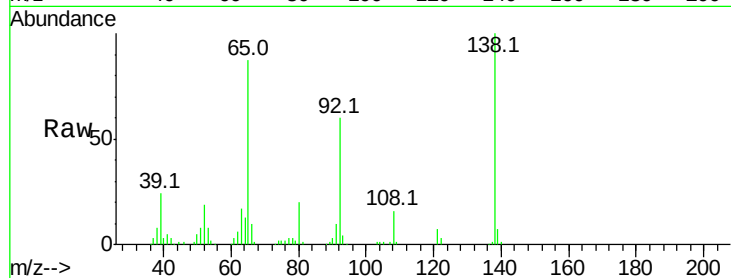
Tot Ion: 65 Resp: 109183

Ion Ratio Lower Upper

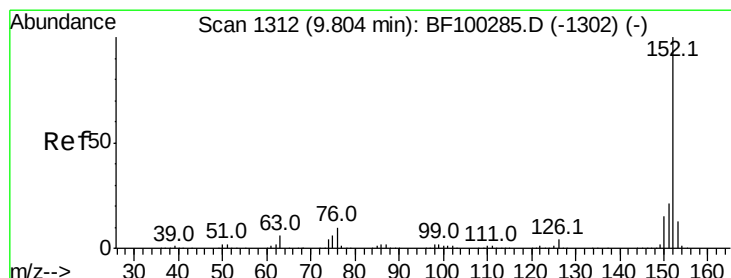
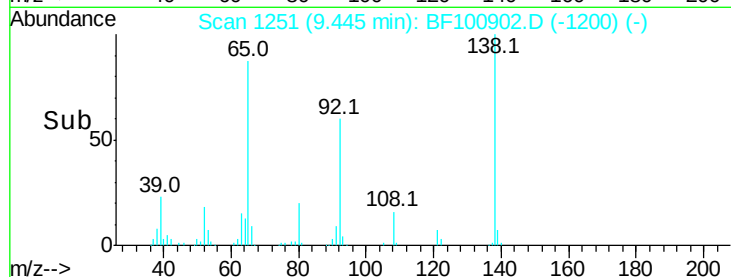
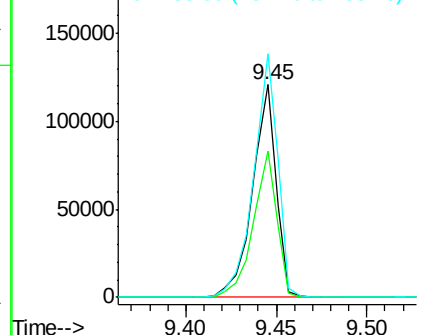
65 100

92 69.0 55.8 83.6

138 114.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 48.692 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

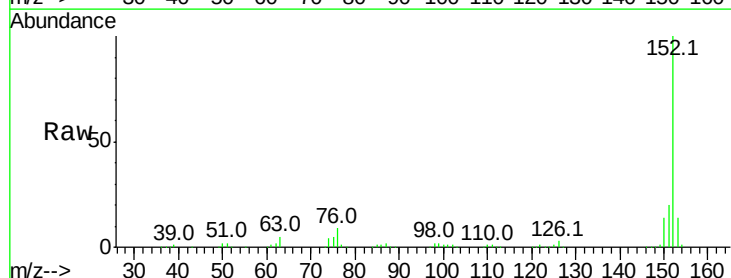
Tgt Ion: 152 Resp: 575404

Ion Ratio Lower Upper

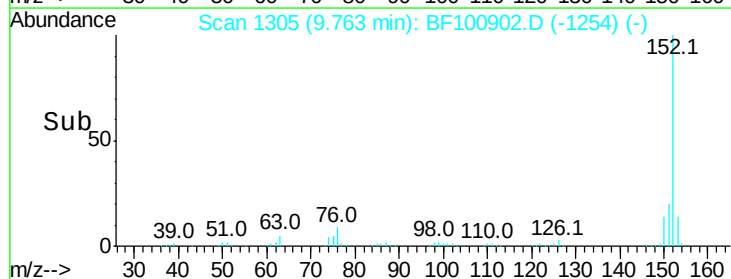
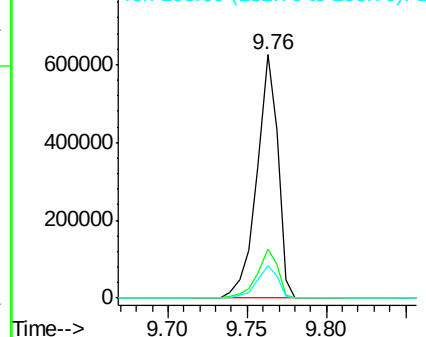
152 100

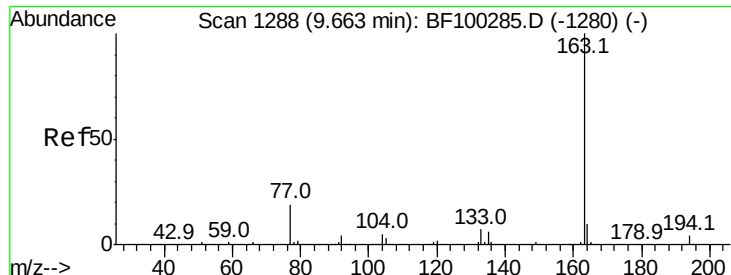
151 20.3 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

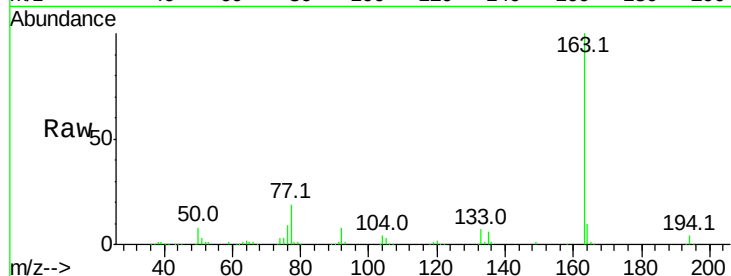




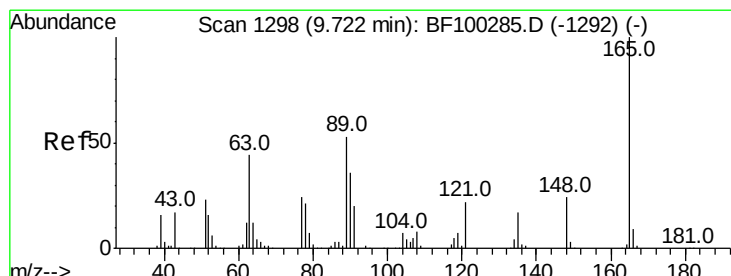
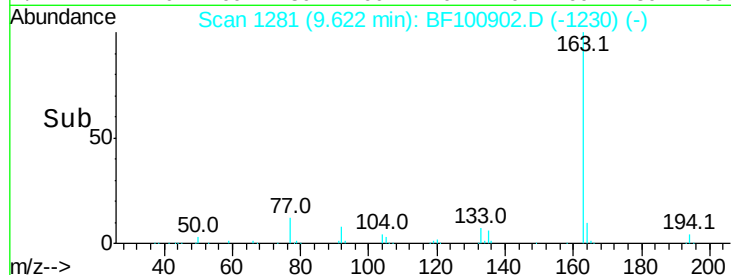
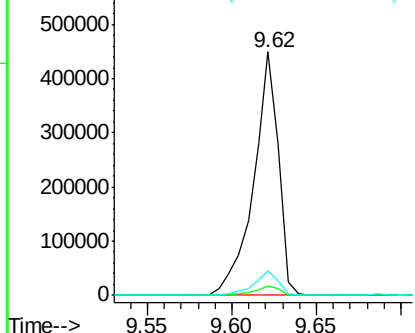
#49
Dimethylphthalate
Concen: 52.977 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

Tot Ion:163 Resp: 459681
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

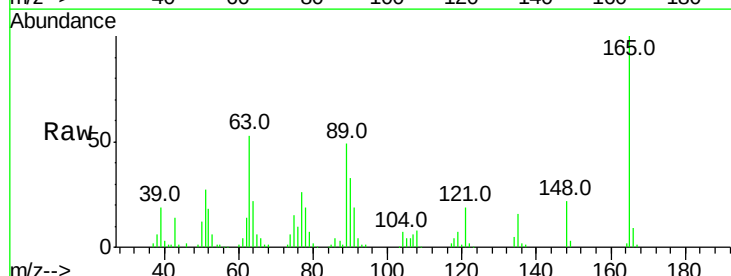


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

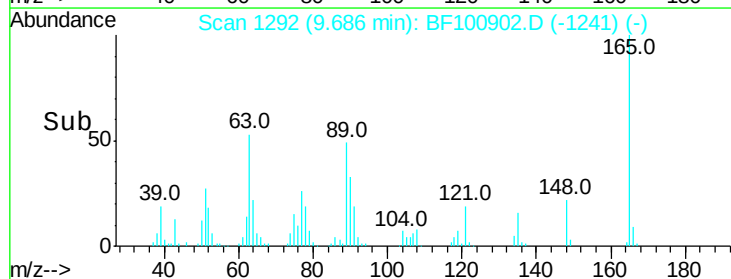
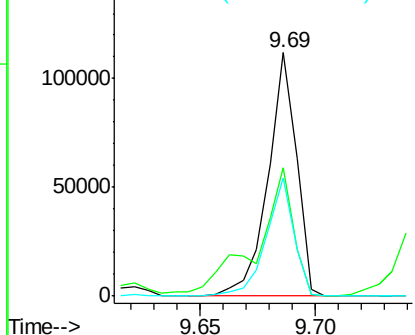


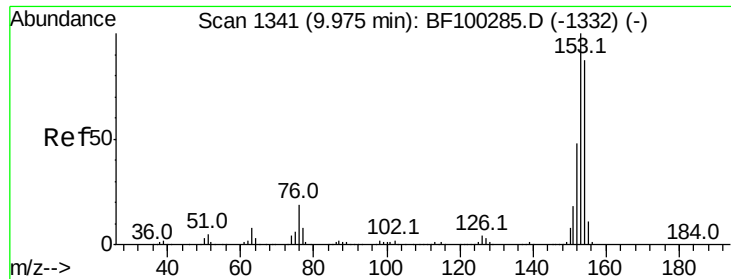
#50
2,6-Dinitrotoluene
Concen: 56.026 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:165 Resp: 96228
Ion Ratio Lower Upper
165 100
63 52.8 44.7 67.1
89 48.7 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: 46.955 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

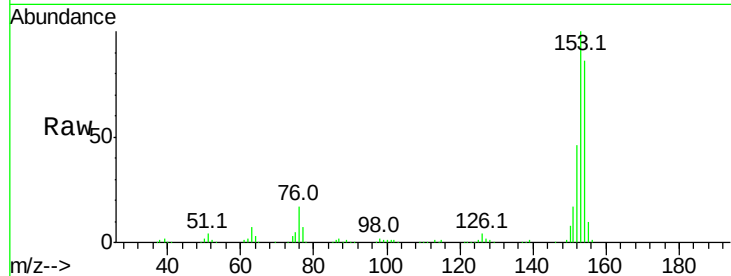
Tot Ion:154 Resp: 337464

Ion Ratio Lower Upper

154 100

153 116.1 91.2 136.8

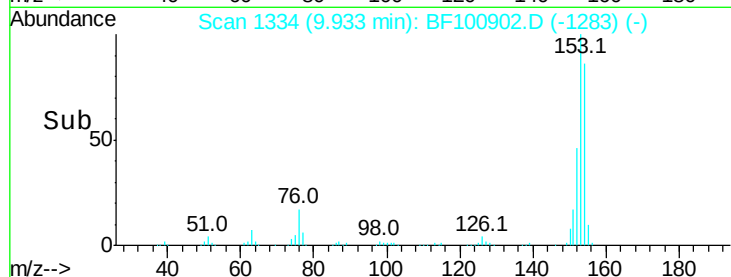
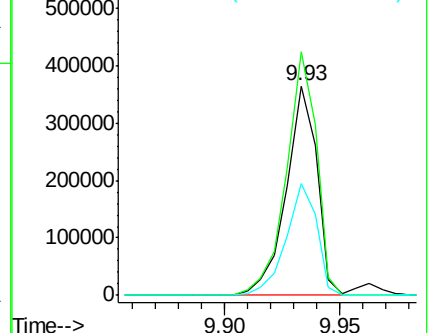
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.795 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

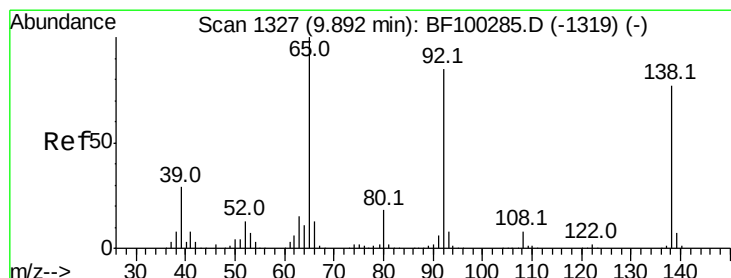
Tgt Ion:138 Resp: 34064

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

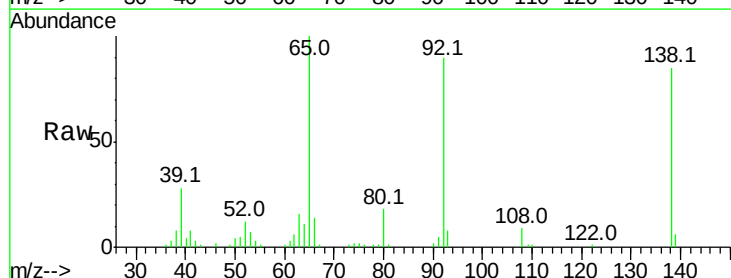
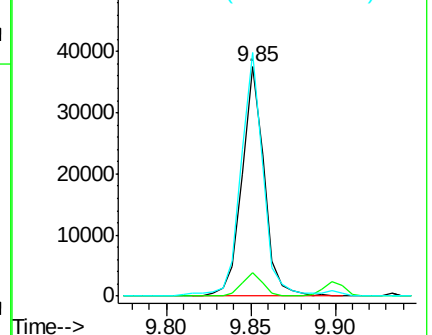
92 106.1 89.4 134.2

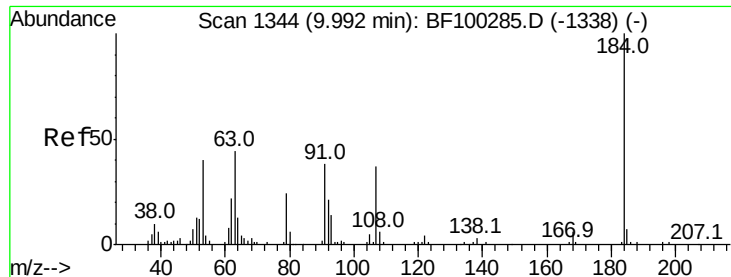


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

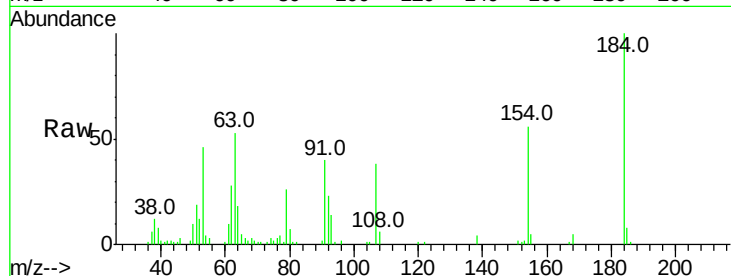




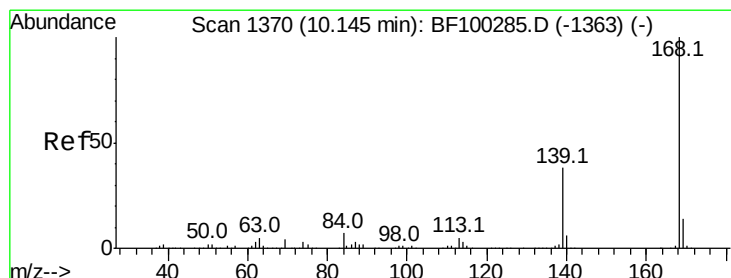
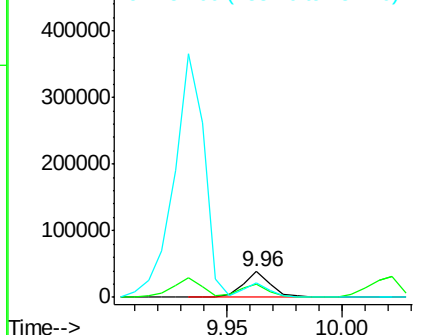
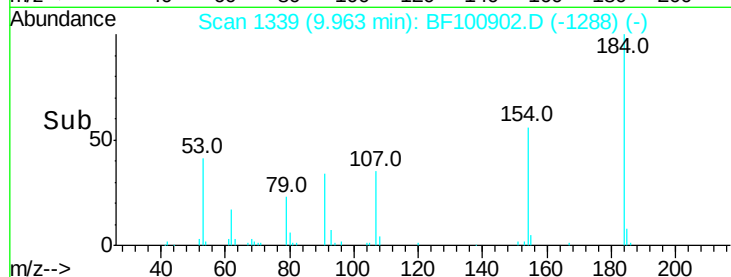
#53
 2,4-Dinitrophenol
 Concen: 52.524 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion:184 Resp: 32265
 Ion Ratio Lower Upper
 184 100
 63 53.0 54.2 81.2#
 154 56.2 184.0 276.0#

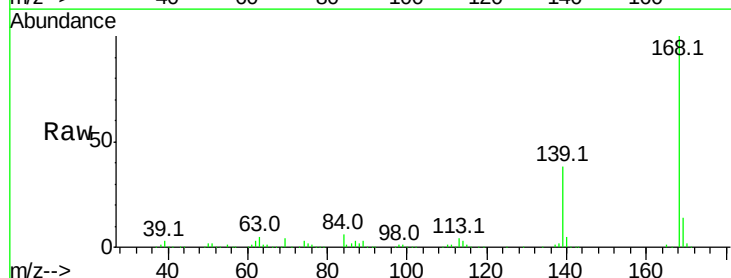


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

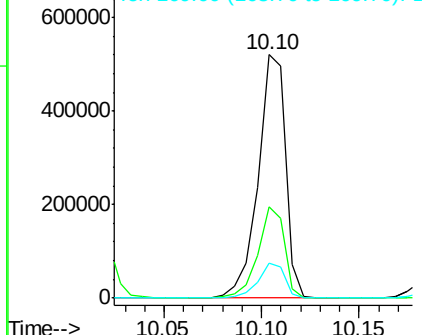
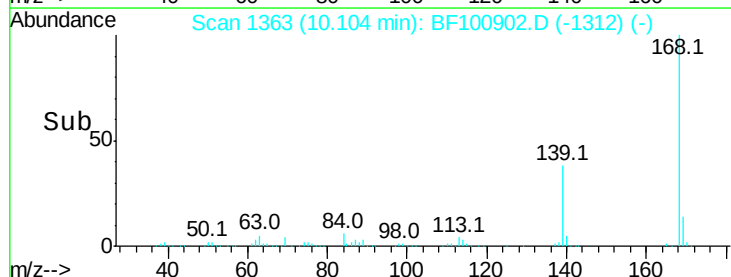


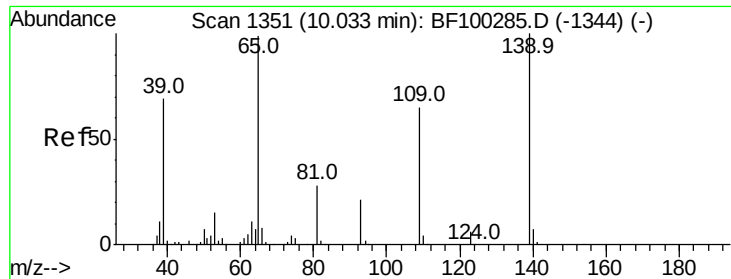
#54
 Dibenzofuran
 Concen: 50.359 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:168 Resp: 507270
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 14.5 10.9 16.3



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

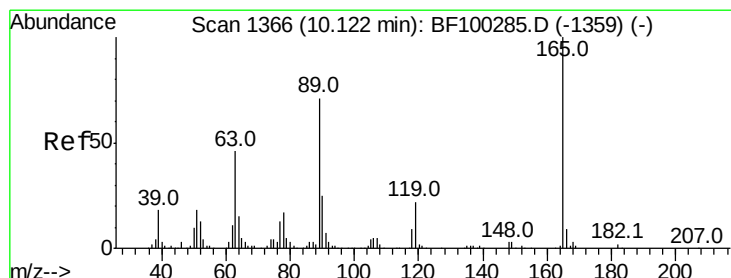
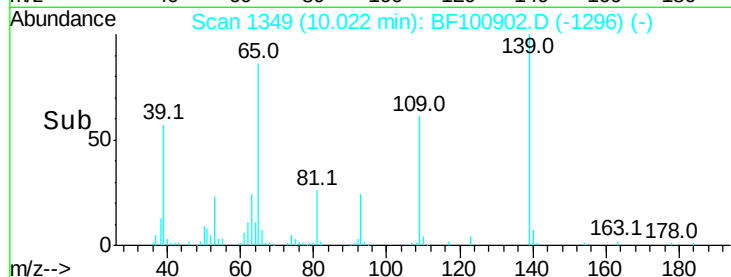
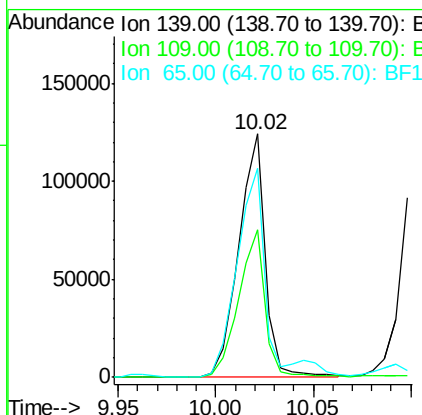
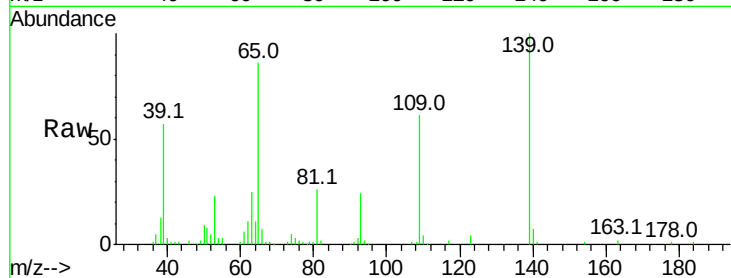




#55
4-Nitrophenol
Concen: 71.410 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

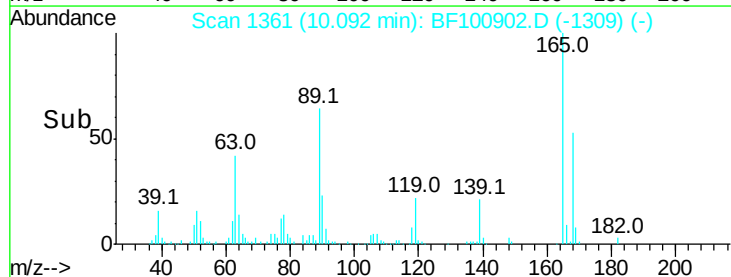
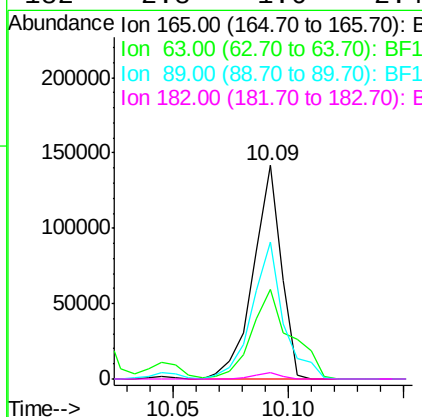
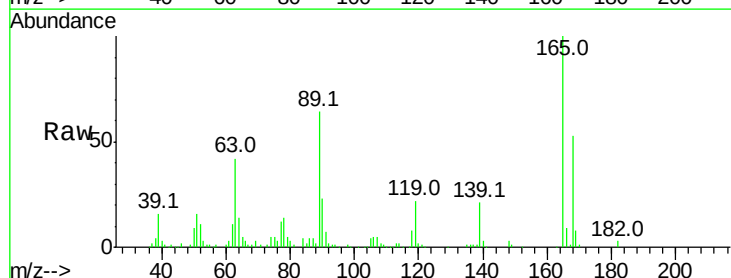
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

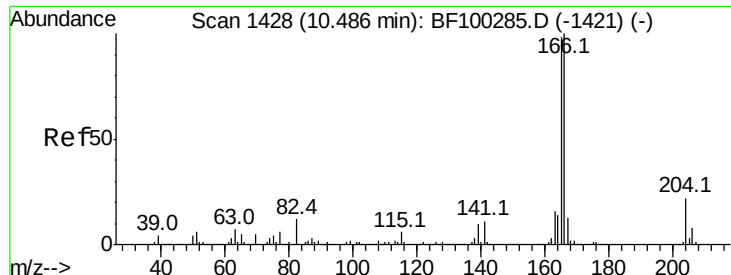
Tot Ion:139 Resp: 117603
Ion Ratio Lower Upper
139 100
109 60.7 48.4 88.4
65 85.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.749 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:165 Resp: 120795
Ion Ratio Lower Upper
165 100
63 42.0 36.4 54.6
89 64.3 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 52.682 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

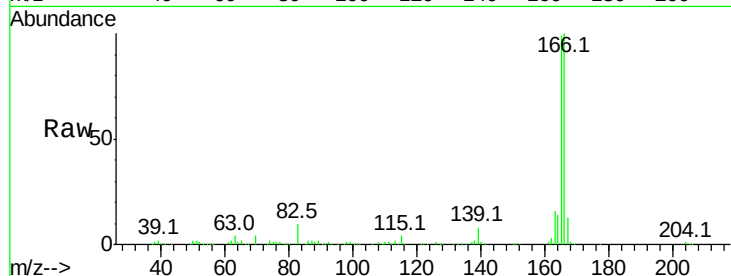
Tot Ion:166 Resp: 388750

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

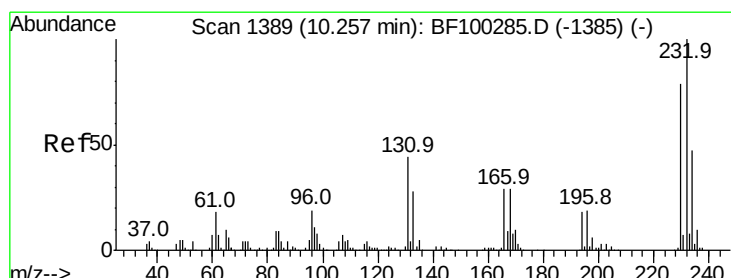
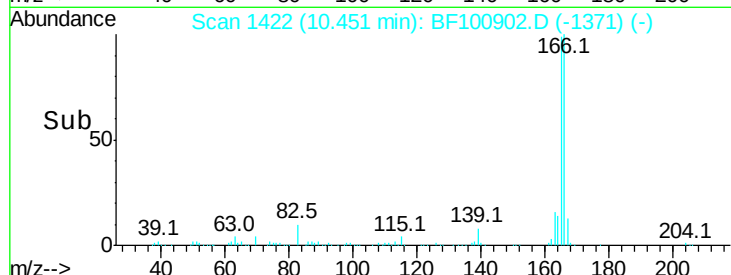
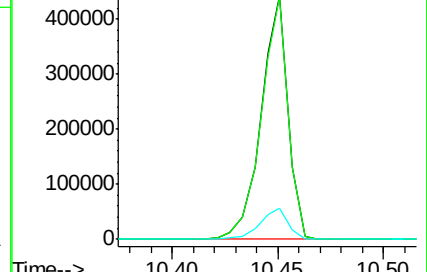
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.726 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Tgt Ion:232 Resp: 104922

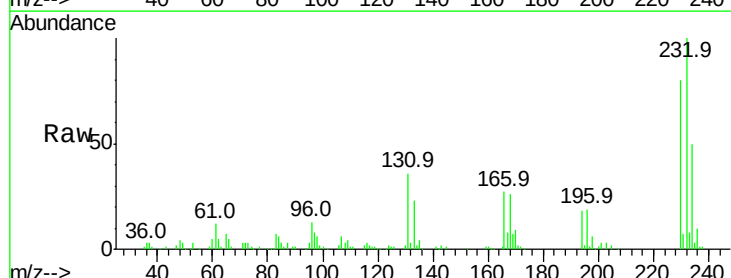
Ion Ratio Lower Upper

232 100

131 42.2 43.8 65.8#

130 1.8 2.1 3.1#

166 29.5 27.8 41.6

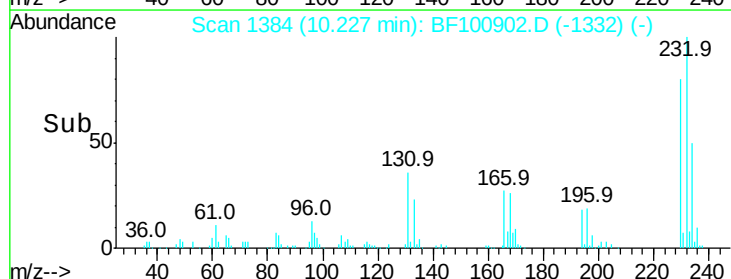
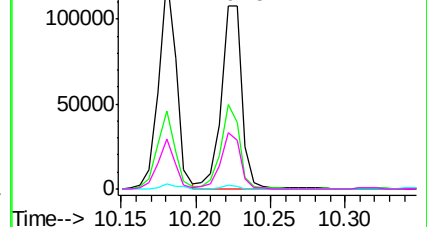


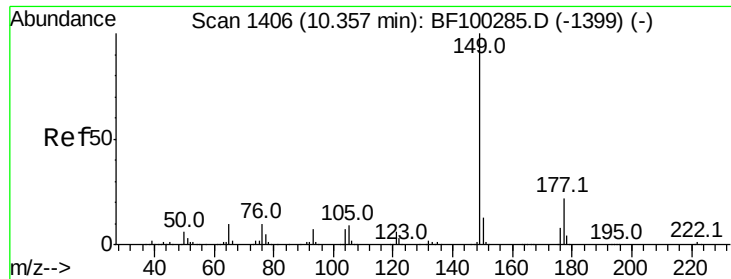
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

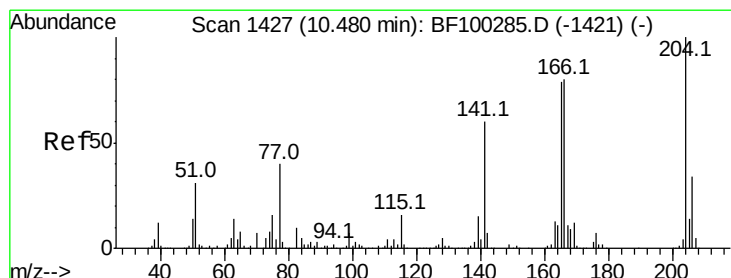
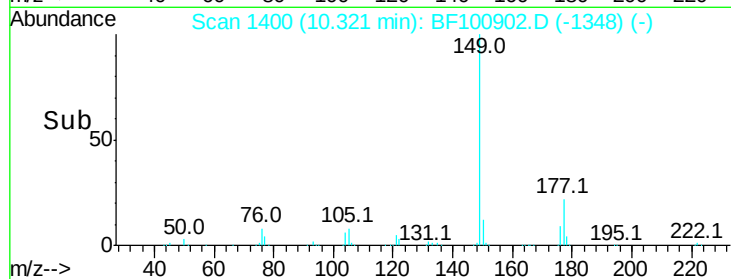
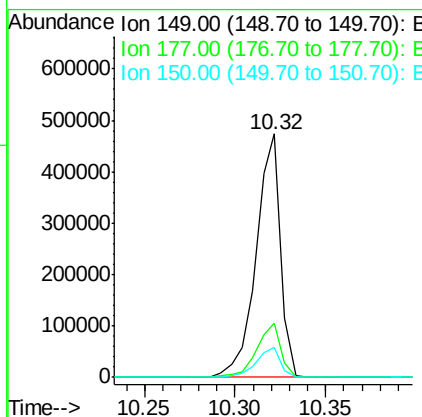
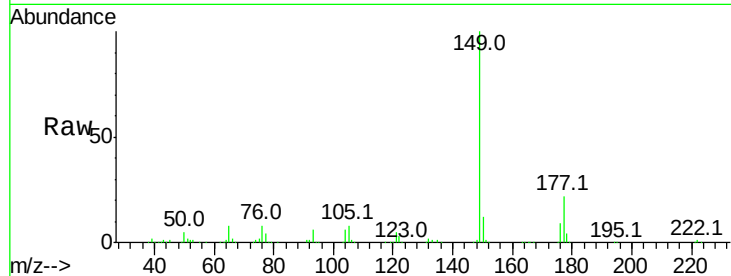




#59
Diethylphthalate
Concen: 50.917 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

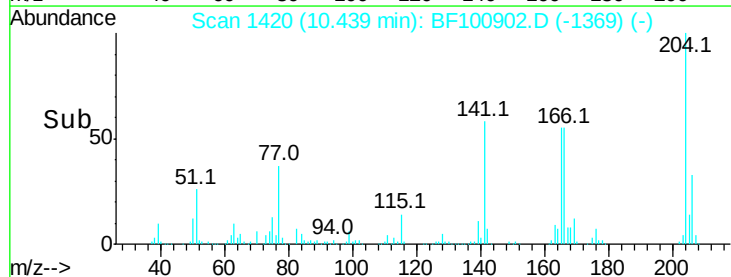
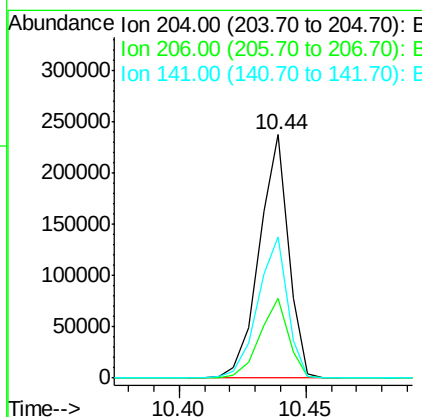
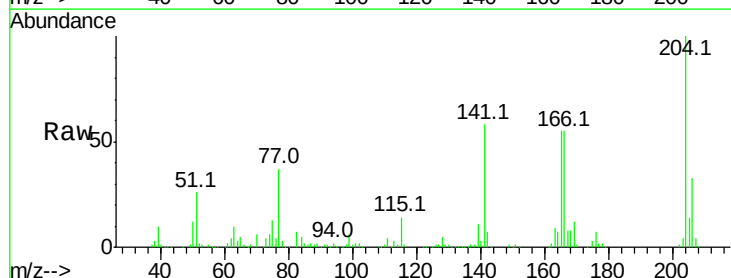
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

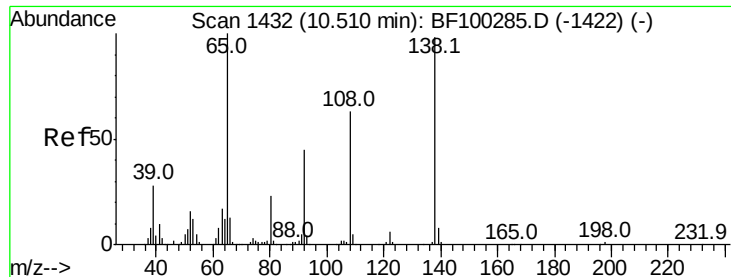
Tot Ion:149 Resp: 442125
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 53.028 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:204 Resp: 191960
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 58.2 54.6 81.8

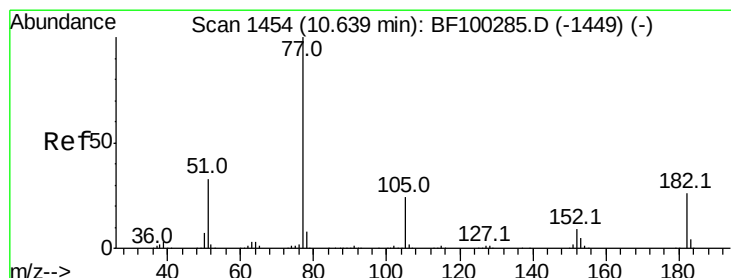
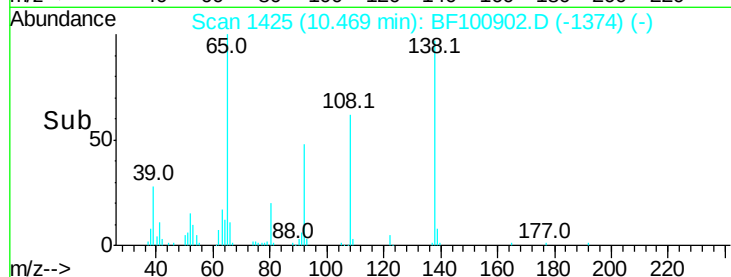
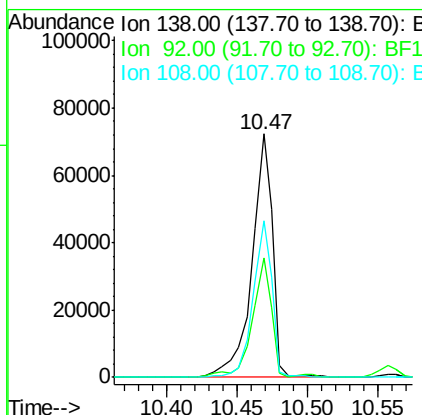
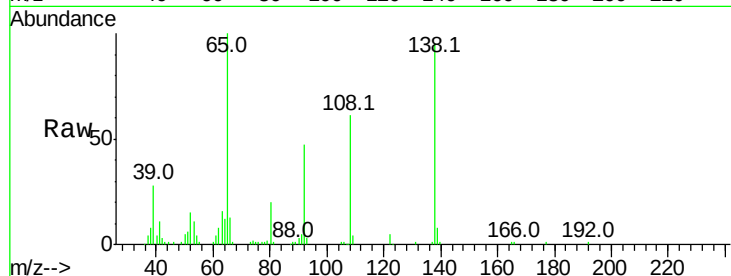




#61
4-Nitroaniline
Concen: 38.591 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

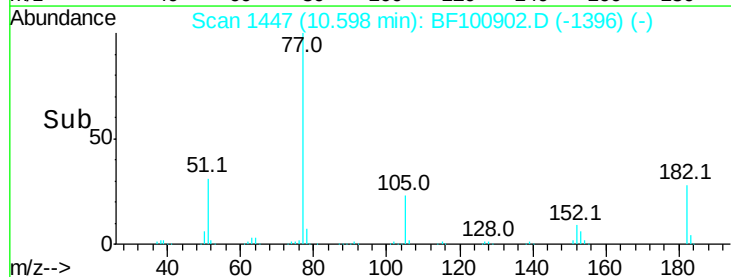
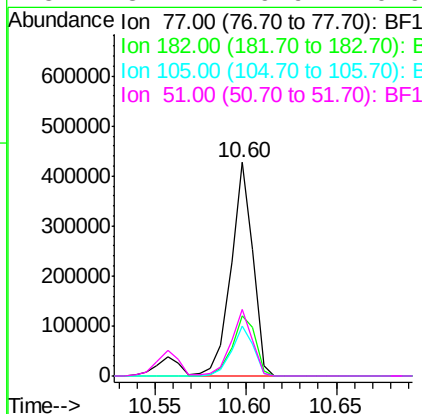
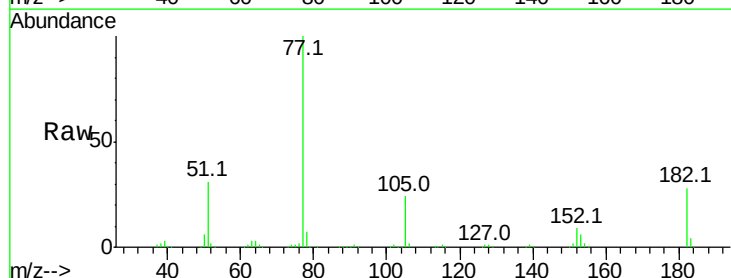
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

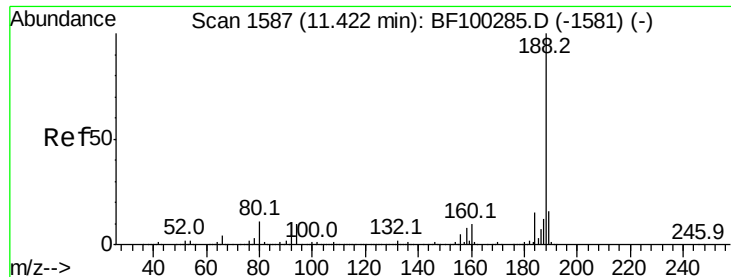
Tot Ion:138 Resp: 74217
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 64.1 52.5 92.5



#62
Azobenzene
Concen: 43.761 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion: 77 Resp: 357893
Ion Ratio Lower Upper
77 100
182 28.2 1.7 41.7
105 23.6 3.0 43.0
51 31.1 9.9 49.9

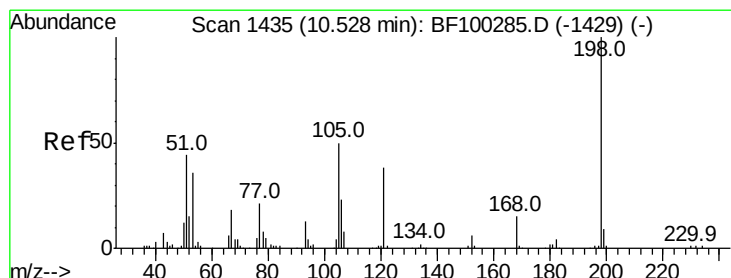
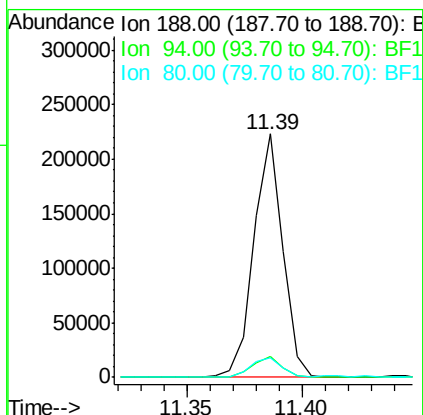
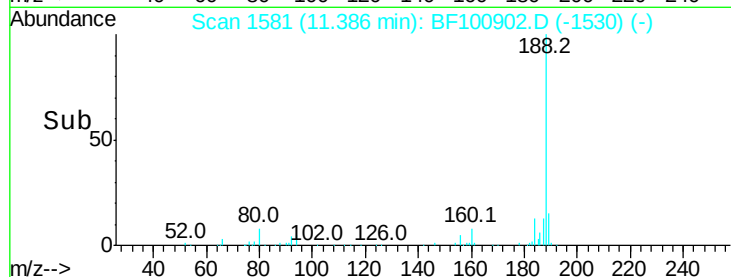
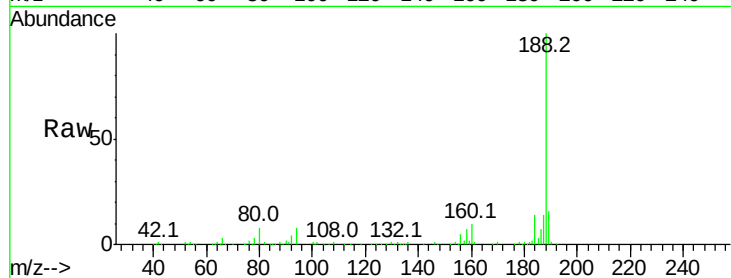




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

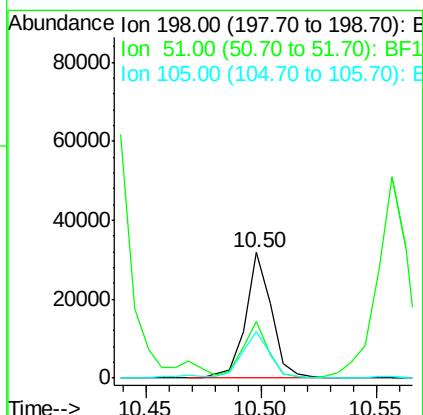
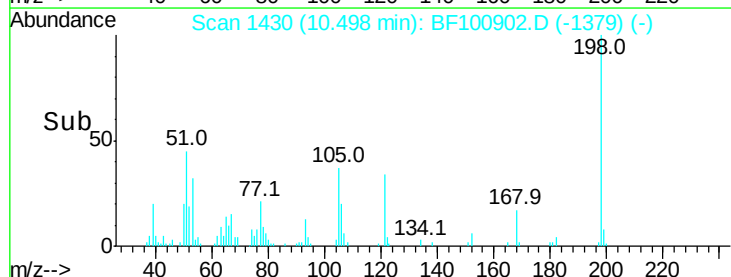
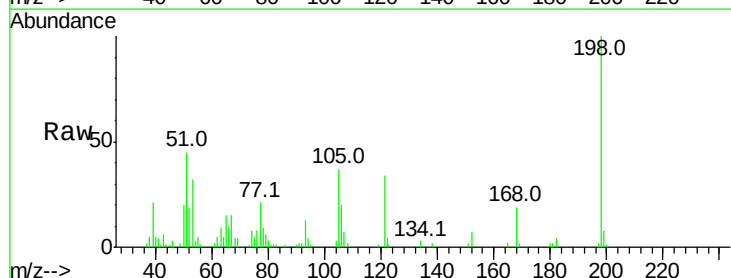
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

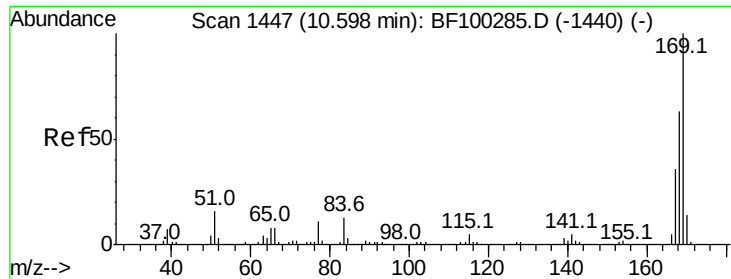
Tot Ion:188 Resp: 194512
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.3 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.382 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:198 Resp: 24883
Ion Ratio Lower Upper
198 100
51 45.3 37.7 77.7
105 37.0 36.3 76.3

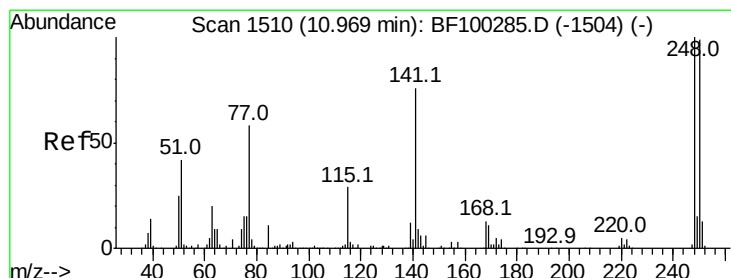
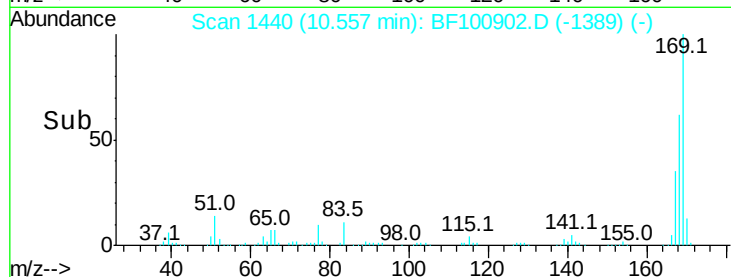
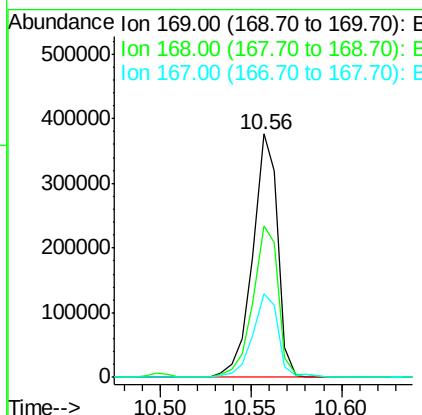
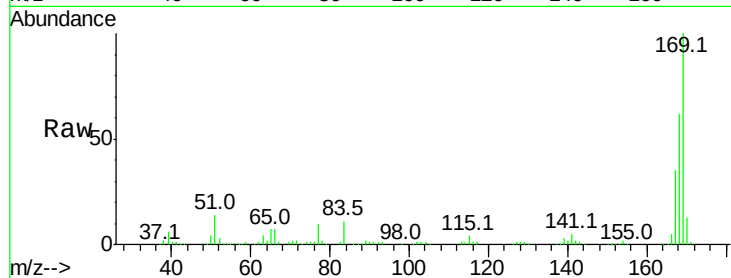




#65
 n-Nitrosodiphenylamine
 Concen: 53.114 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

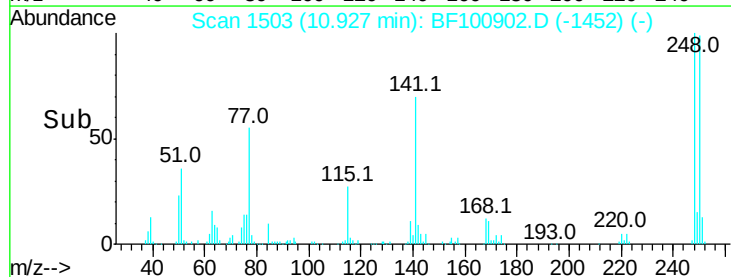
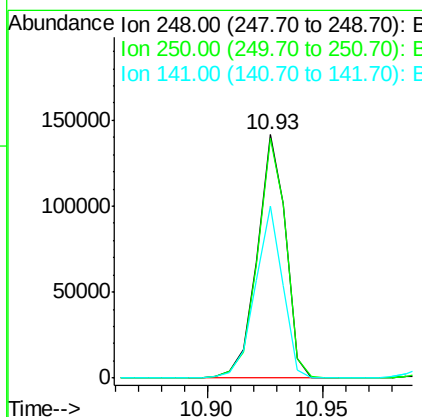
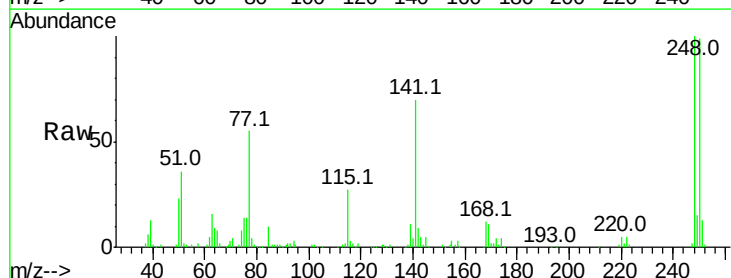
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

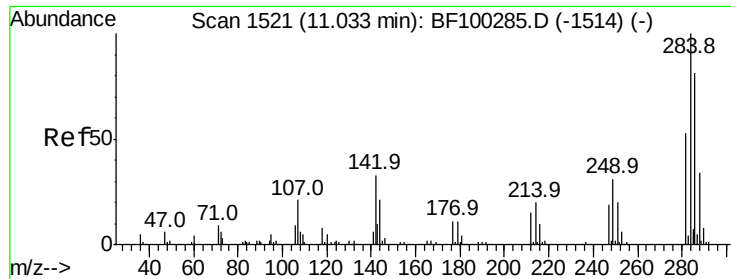
Tot Ion	Ratio	Lower	Upper
169	100		
168	62.5	54.4	81.6
167	34.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 57.980 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.9	115.3
141	70.4	74.4	111.6#

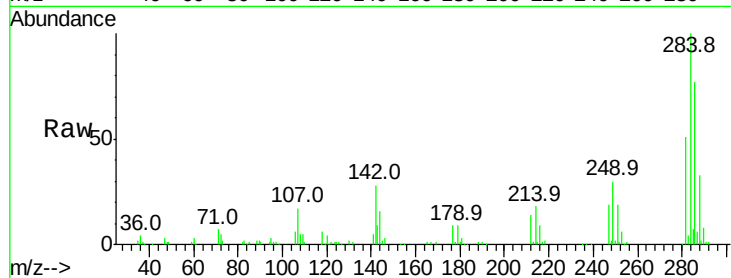




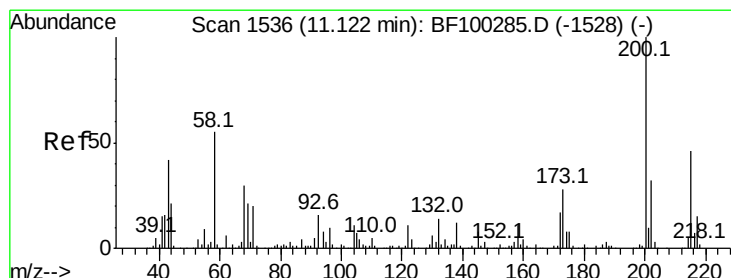
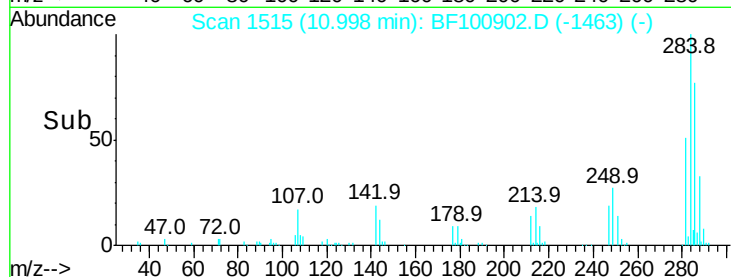
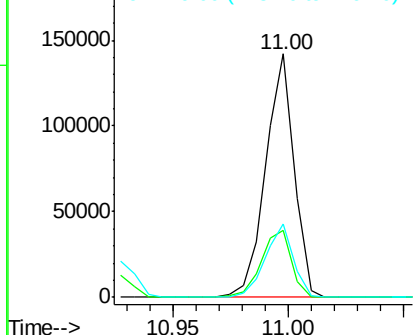
#67
Hexachlorobenzene
Concen: 55.792 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

Tot Ion:284 Resp: 121672
Ion Ratio Lower Upper
284 100
142 27.7 34.6 52.0#
249 30.0 24.8 37.2

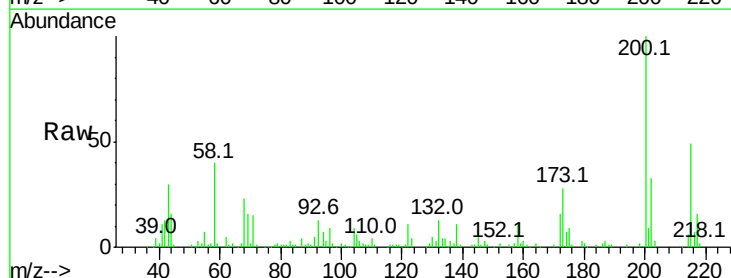


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

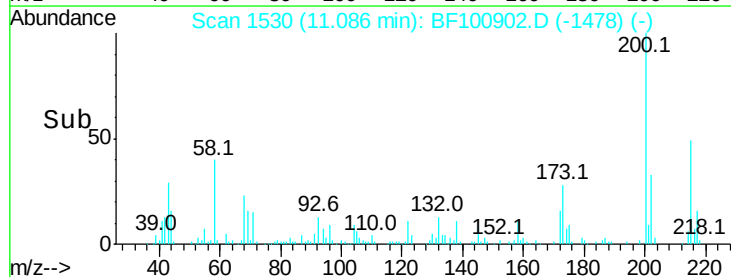
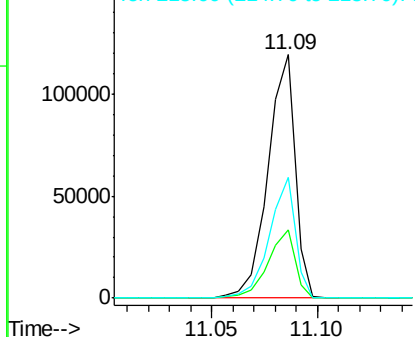


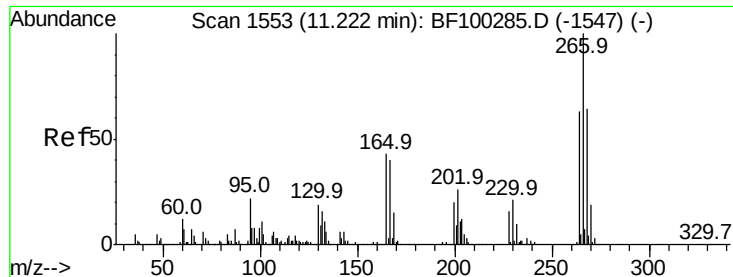
#68
Atrazine
Concen: 52.156 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:200 Resp: 106778
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 49.3 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

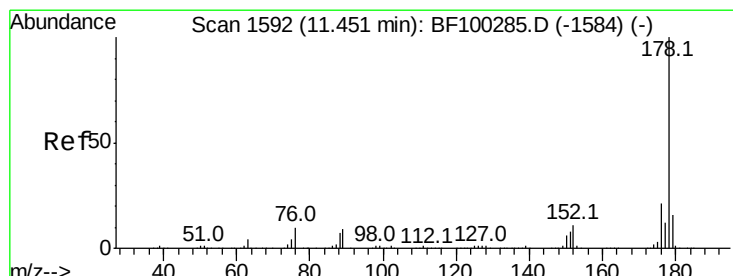
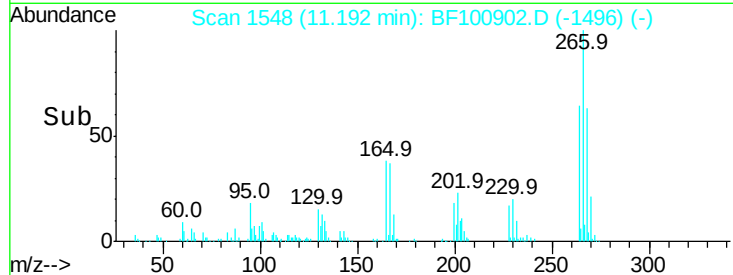
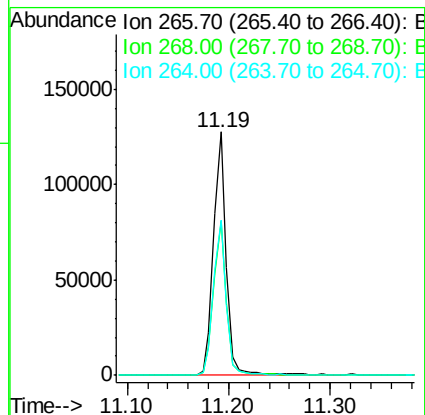
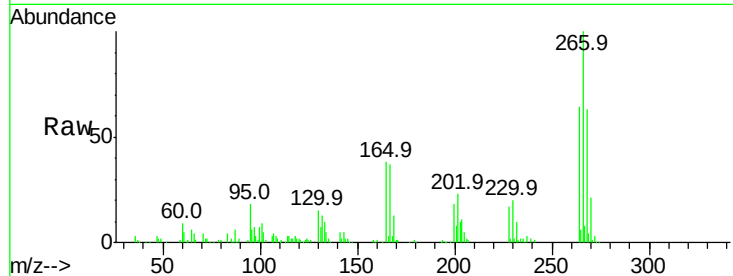




#69
 Pentachlorophenol
 Concen: 72.448 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

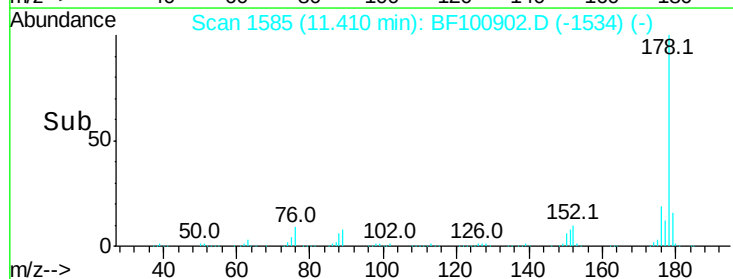
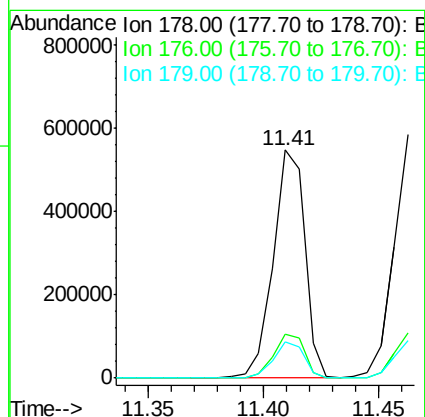
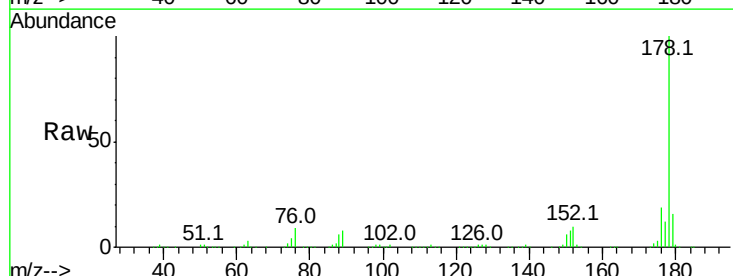
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

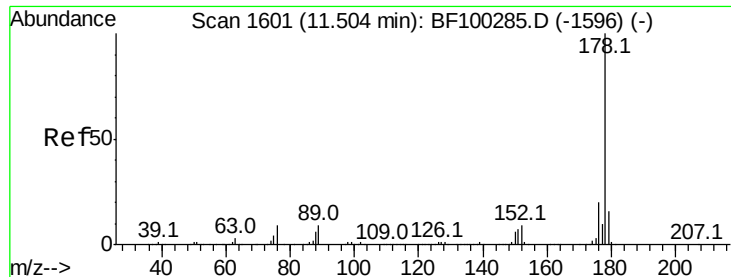
Tot Ion:266 Resp: 113292
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 50.911 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:178 Resp: 521394
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.0 13.0 19.6

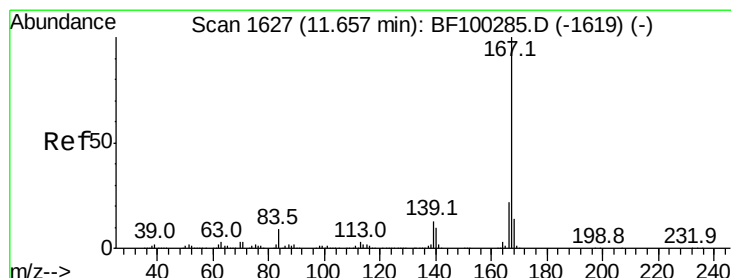
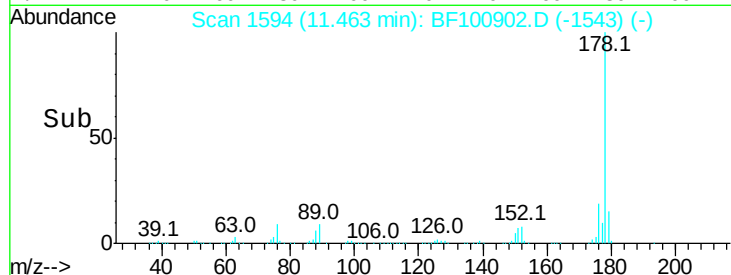
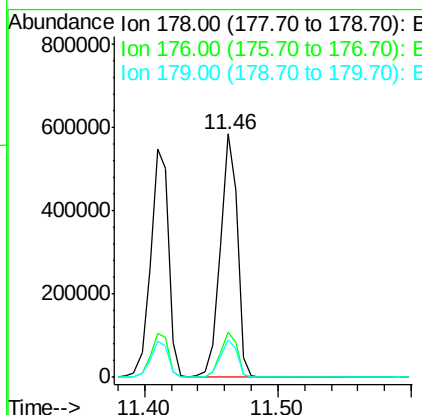
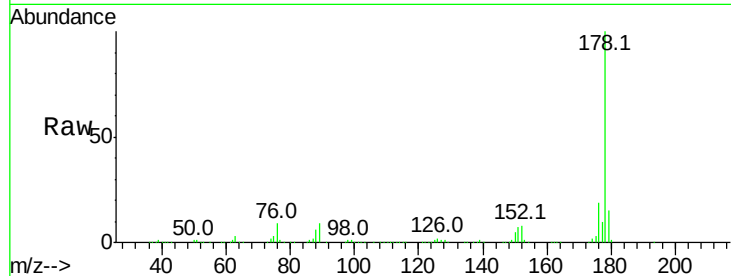




#71
 Anthracene
 Concen: 51.008 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

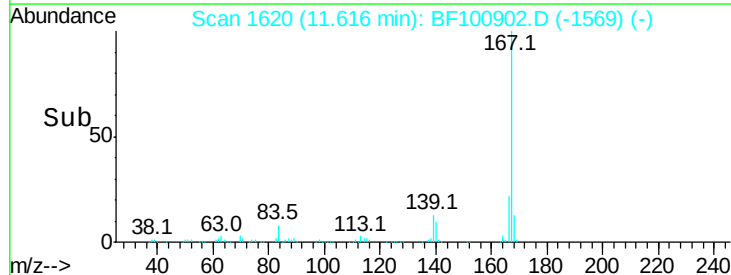
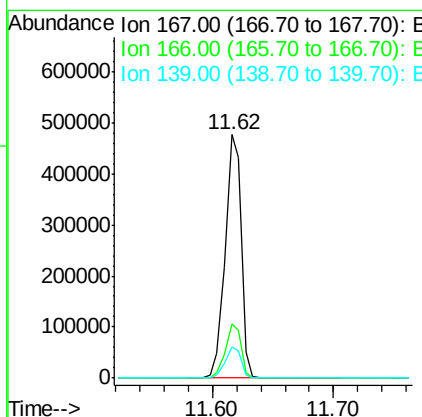
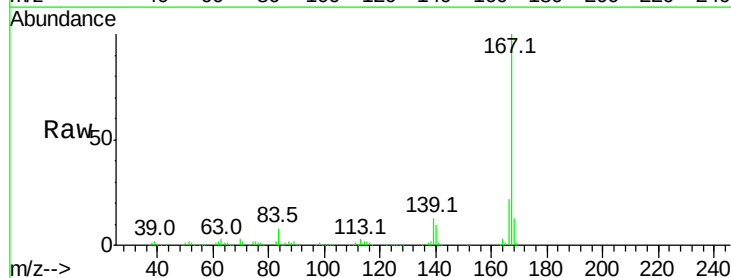
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

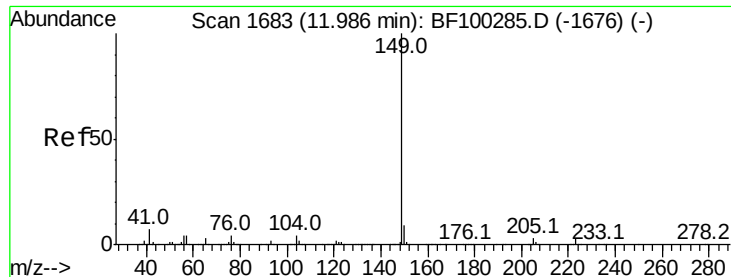
Tot Ion:178 Resp: 529992
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 45.835 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:167 Resp: 439434
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 55.932 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

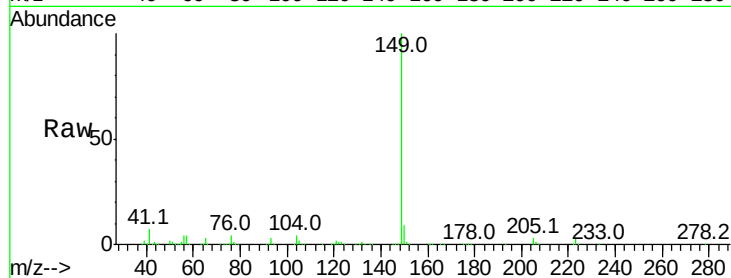
Tot Ion:149 Resp: 627521

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

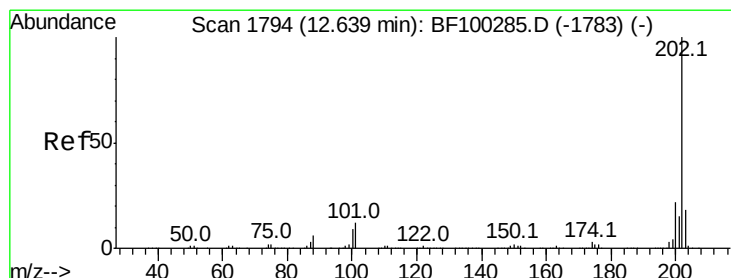
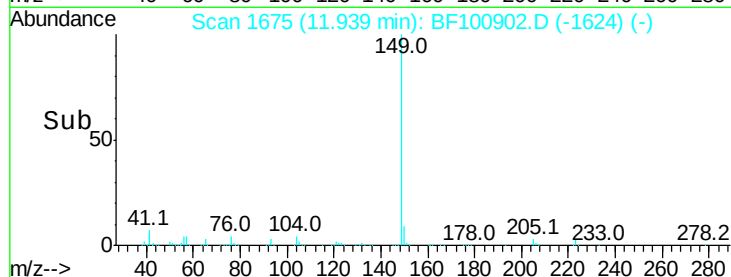
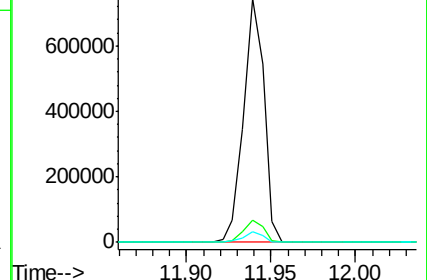
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.001 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

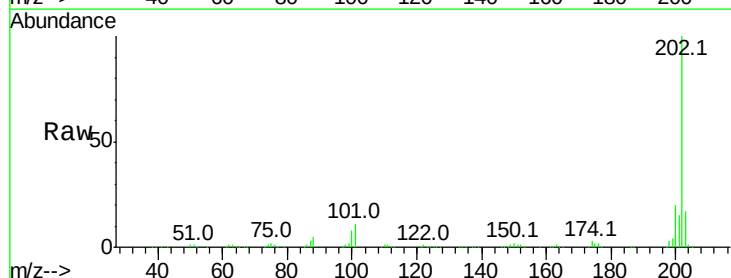
Tgt Ion:202 Resp: 466732

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

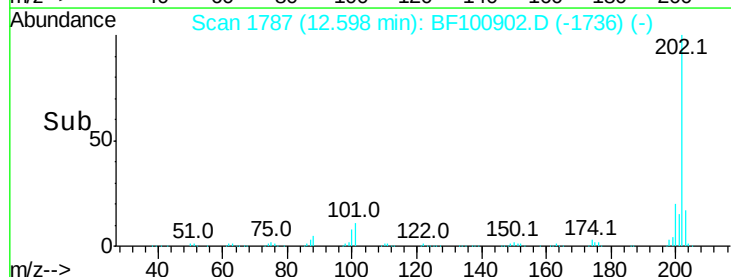
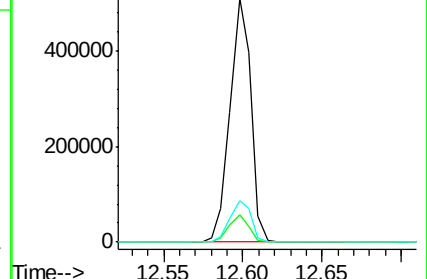
203 17.2 0.0 38.1

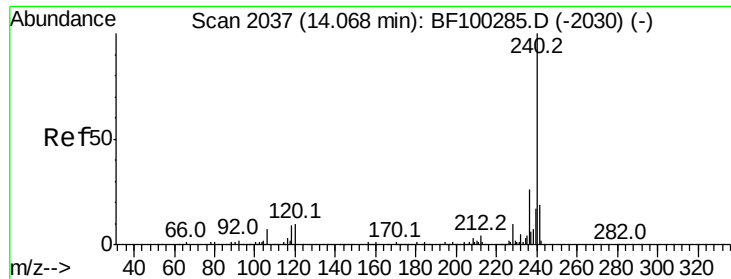


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

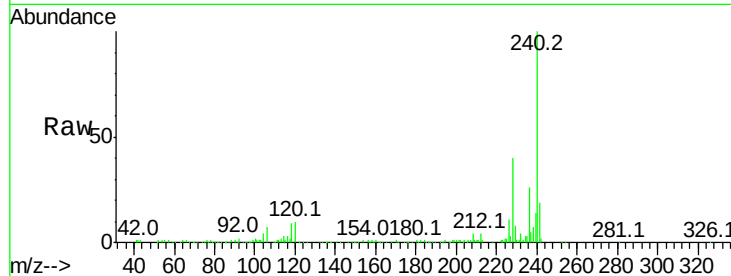
Tot Ion:240 Resp: 130080

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

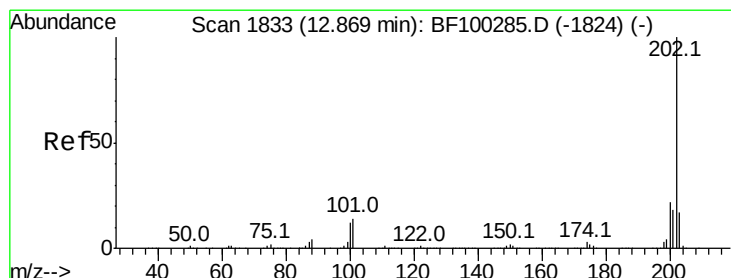
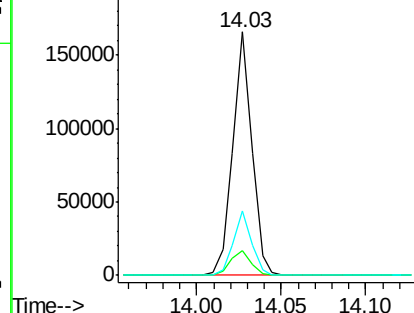
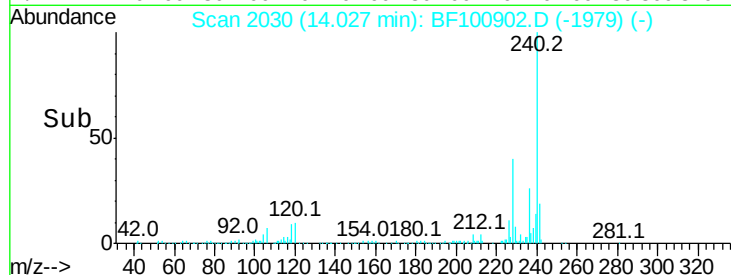
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.754 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

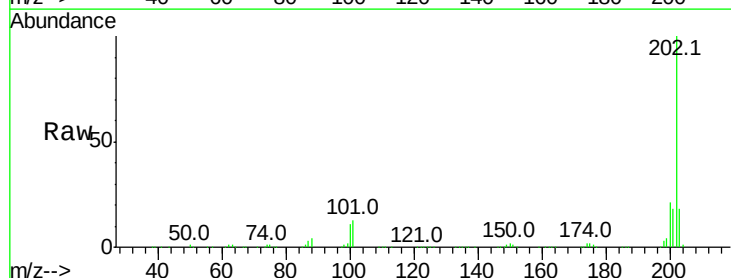
Tgt Ion:202 Resp: 461353

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

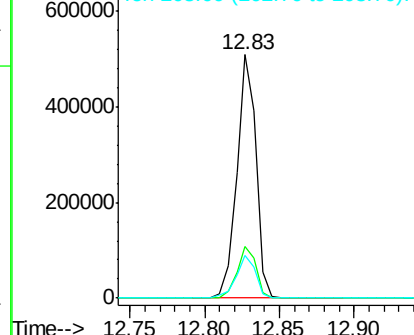
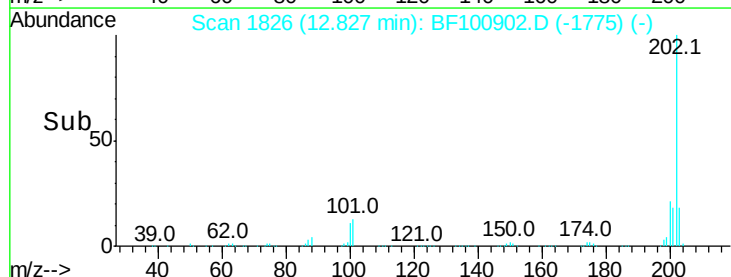
203 17.7 14.3 21.5

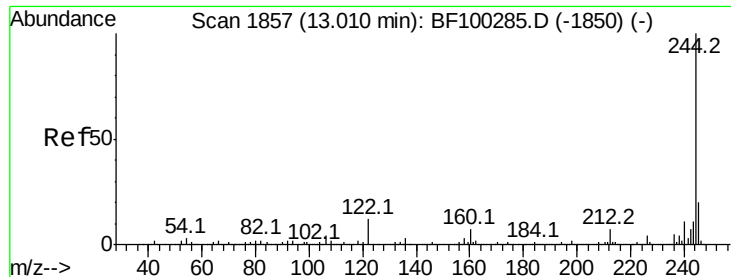


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

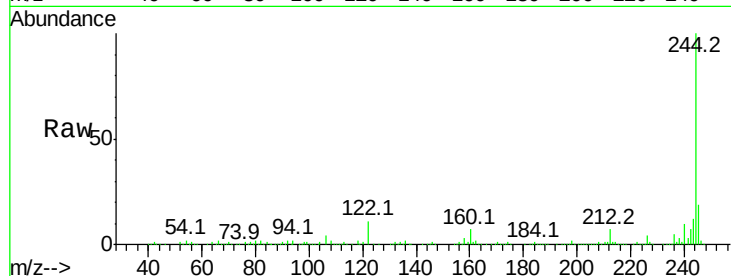




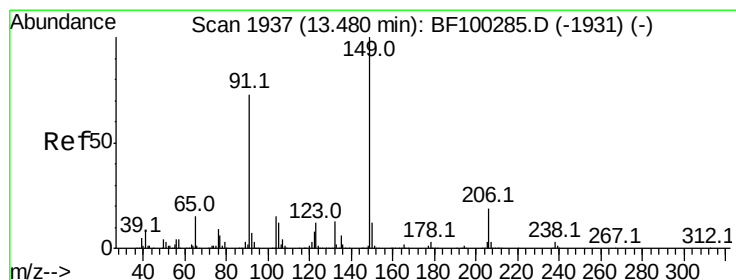
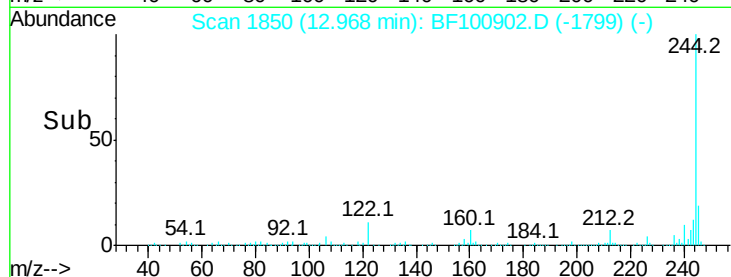
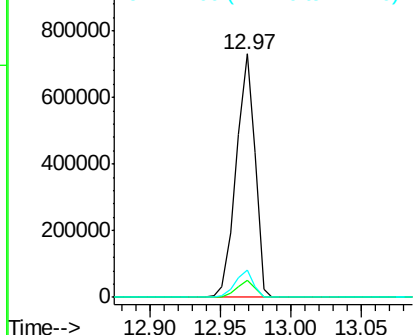
#78
 Terphenyl-d14
 Concen: 119.557 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MS

Tot Ion:244 Resp: 676850
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.0 11.0 16.4

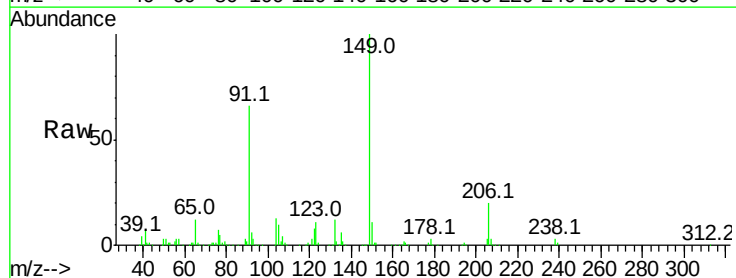


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

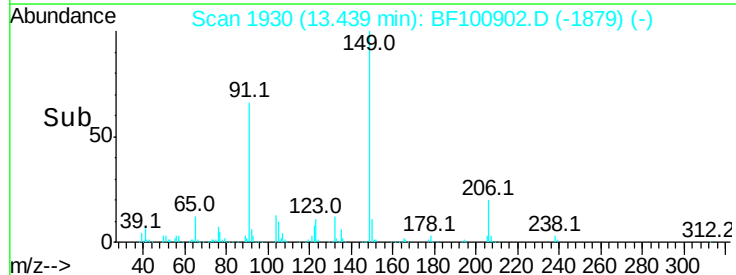
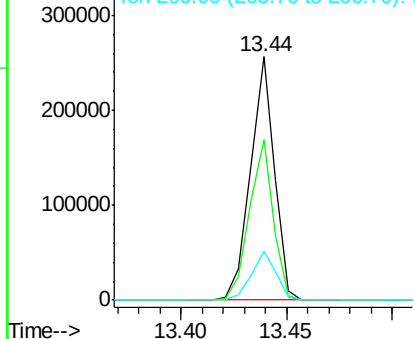


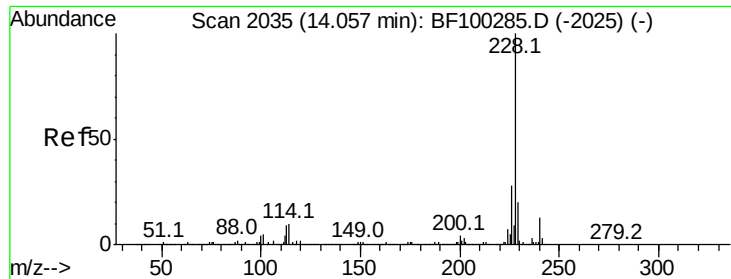
#79
 Butylbenzylphthalate
 Concen: 53.393 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:149 Resp: 201907
 Ion Ratio Lower Upper
 149 100
 91 65.6 56.8 85.2
 206 20.1 14.1 21.1



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

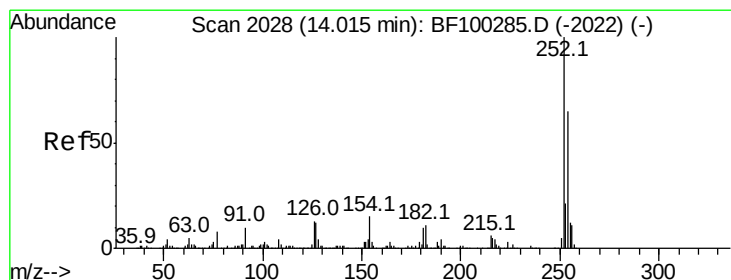
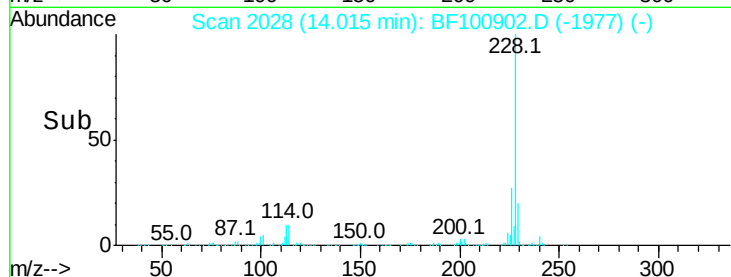
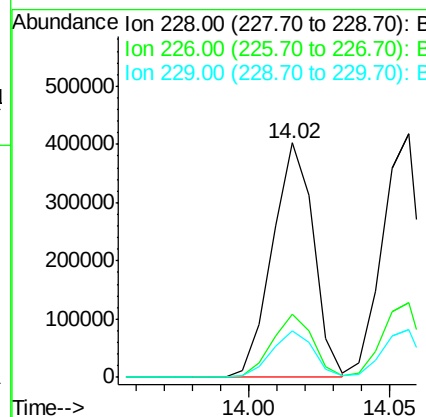
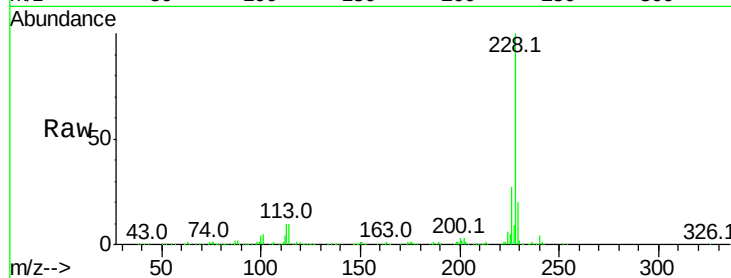




#80
Benzo(a)anthracene
Concen: 51.868 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

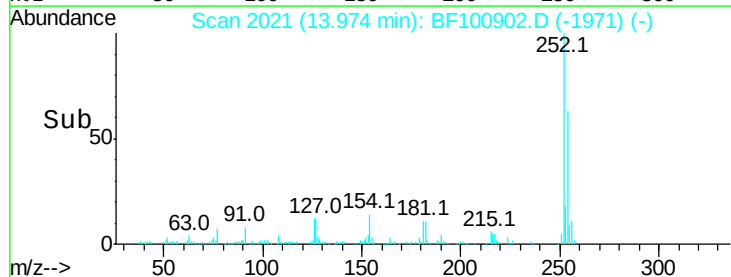
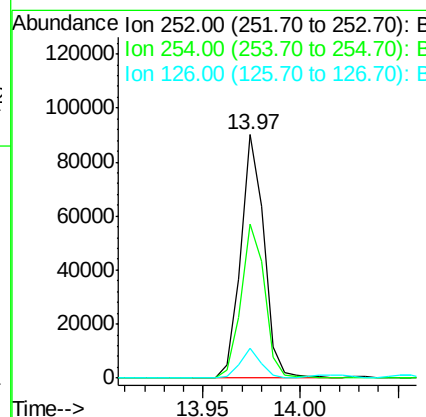
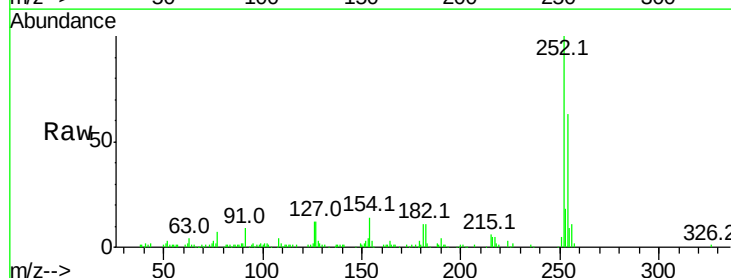
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

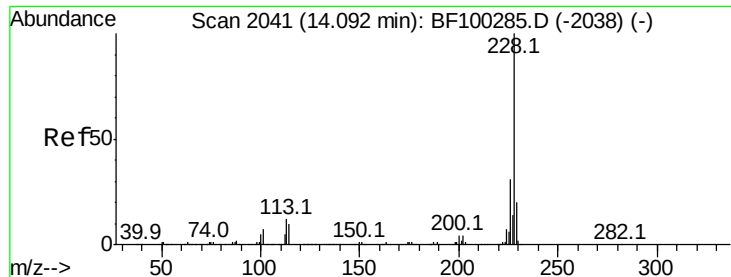
Tot Ion:228 Resp: 406301
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 26.568 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:252 Resp: 74566
Ion Ratio Lower Upper
252 100
254 63.4 50.4 75.6
126 12.3 11.3 16.9





#82

Chrysene

Concen: 51.197 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

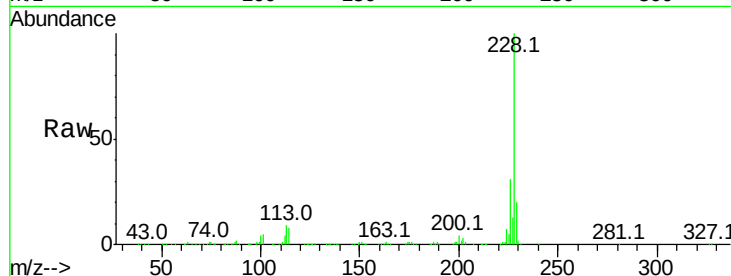
Tot Ion:228 Resp: 388359

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

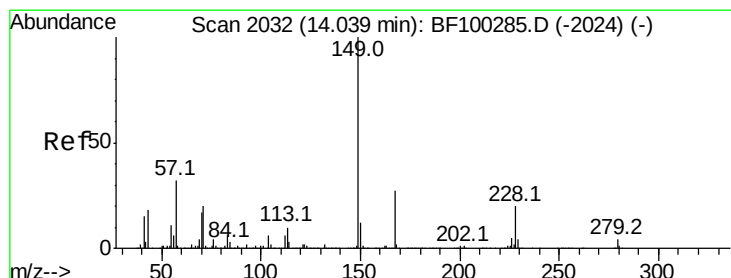
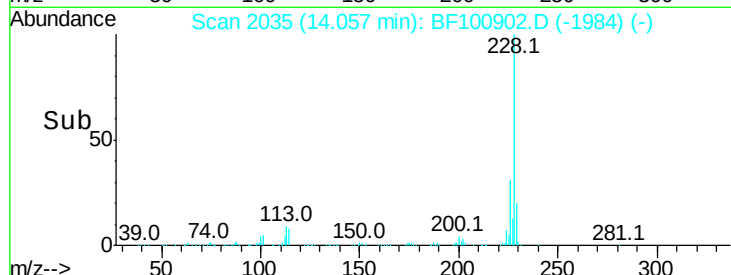
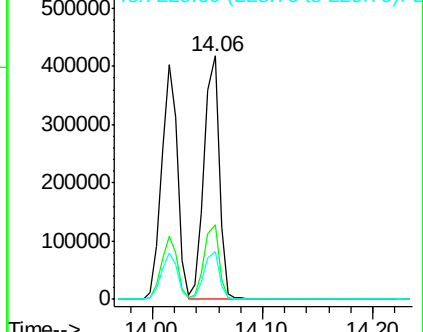
229 19.7 16.2 24.4



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: 56.706 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

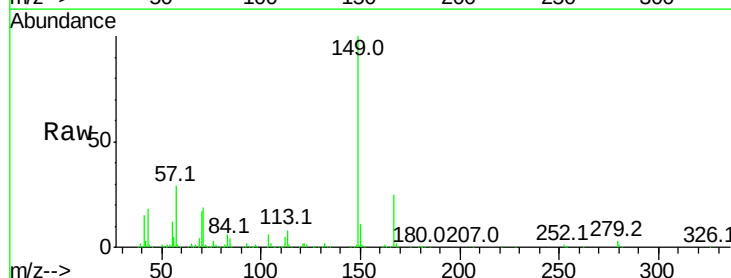
Tgt Ion:149 Resp: 282034

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

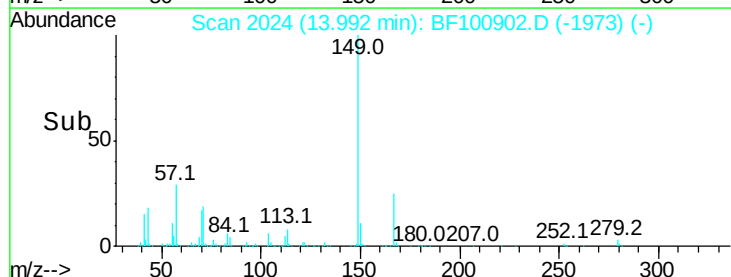
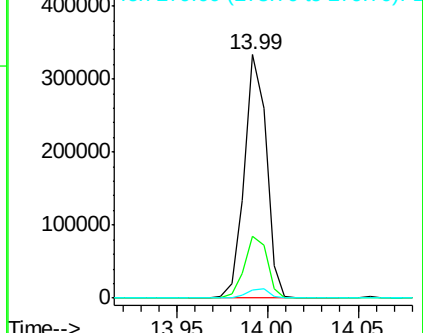
279 3.4 3.0 4.4

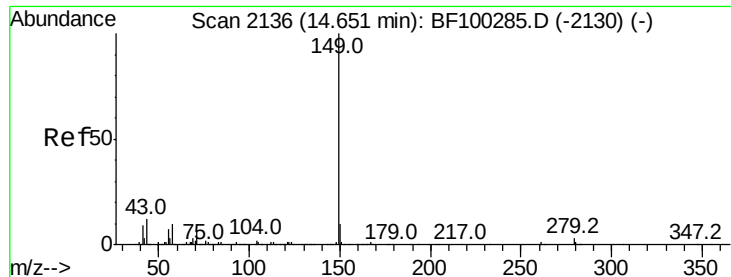


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

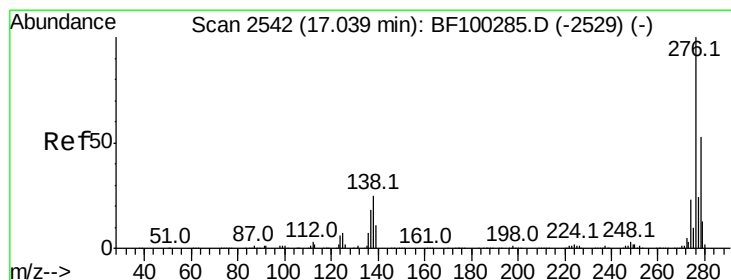
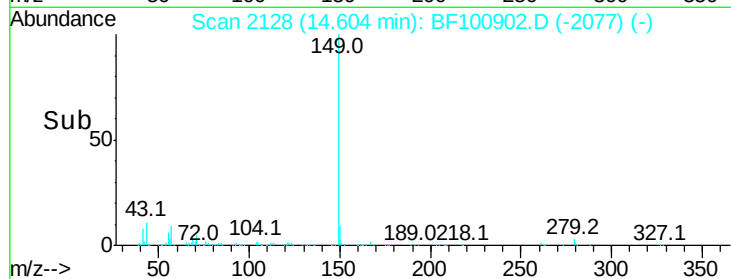
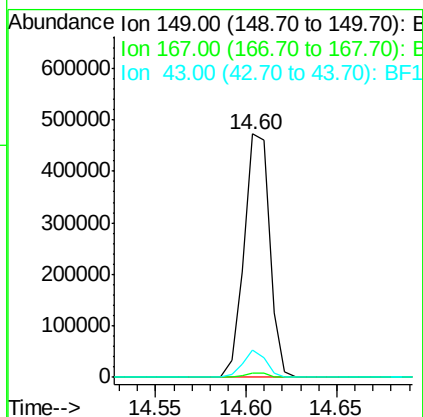
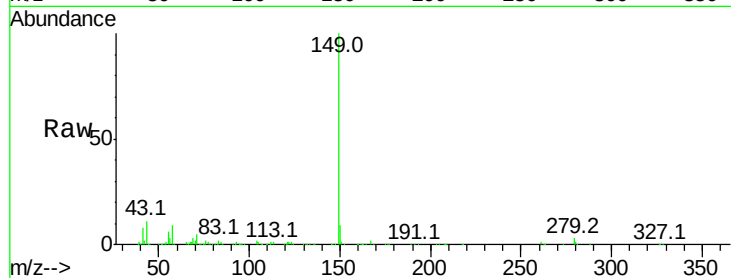




#84
Di-n-octyl phthalate
Concen: 54.010 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

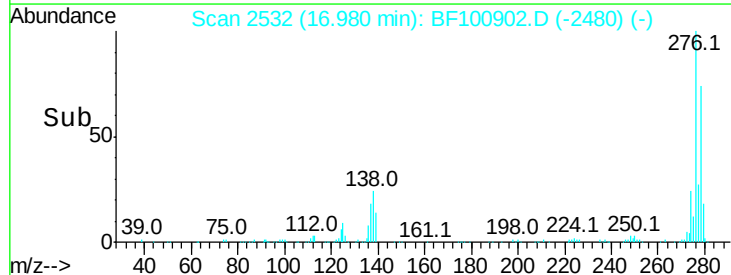
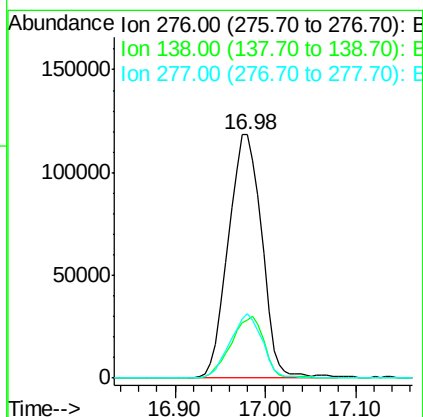
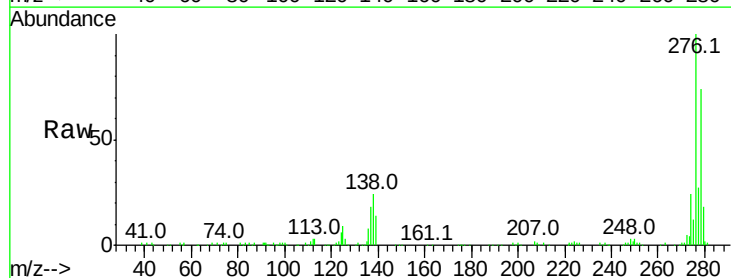
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

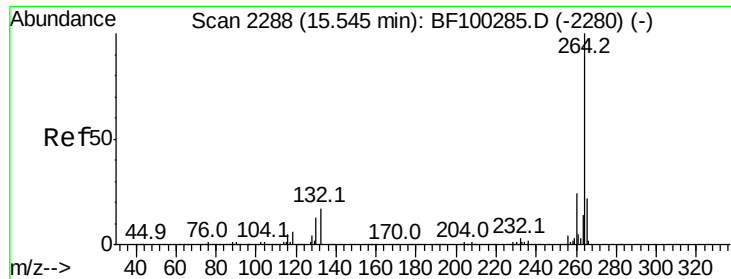
Tot Ion:149 Resp: 461475
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.778 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:276 Resp: 305417
Ion Ratio Lower Upper
276 100
138 25.3 25.0 37.6
277 25.6 20.1 30.1

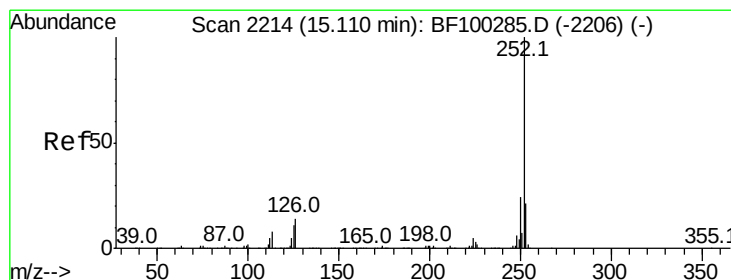
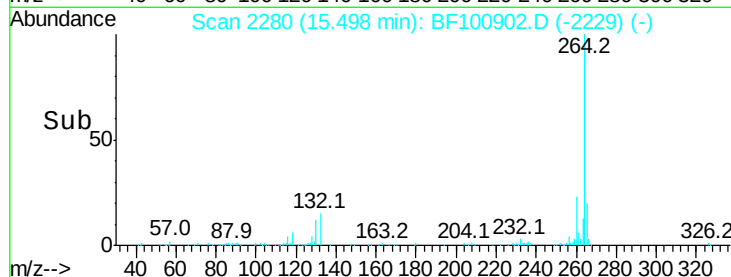
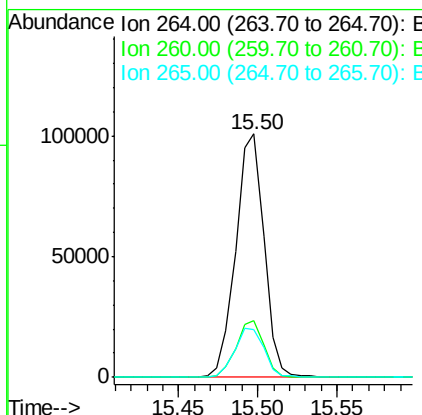
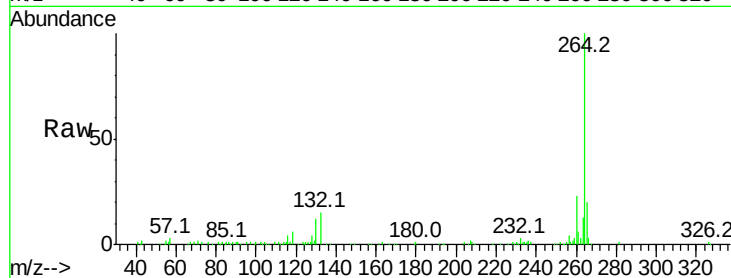




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

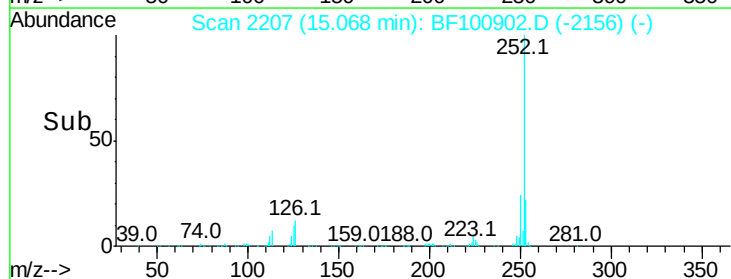
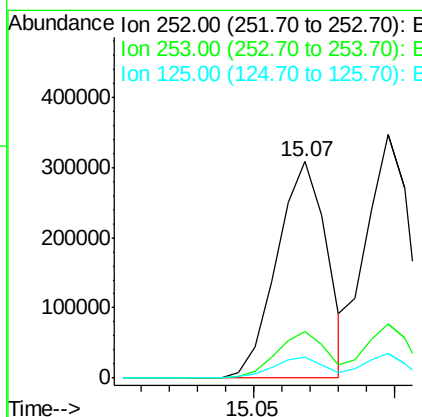
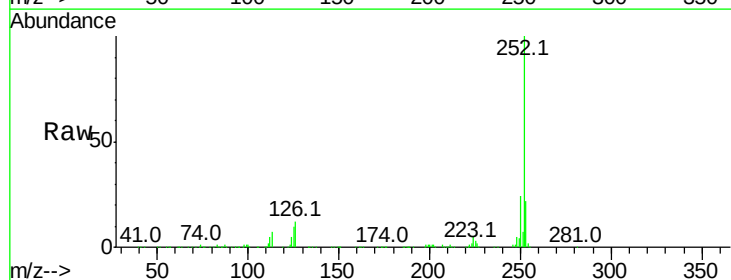
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

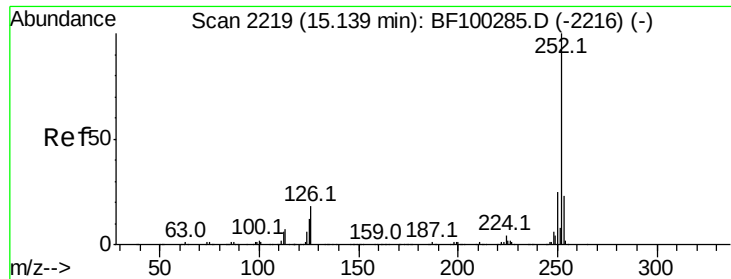
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	19.8	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 51.291 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.9	9.0	13.6

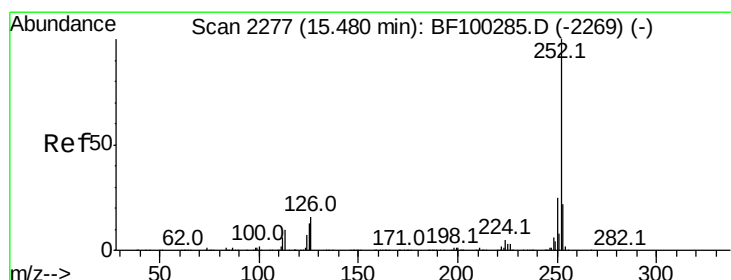
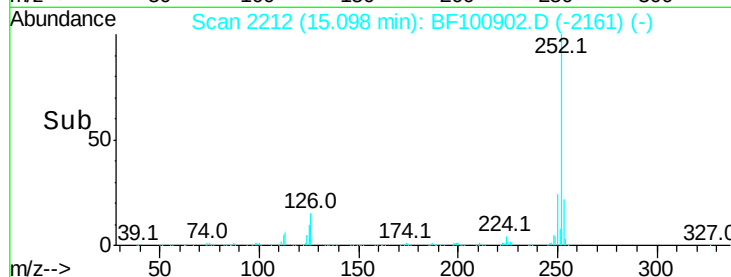
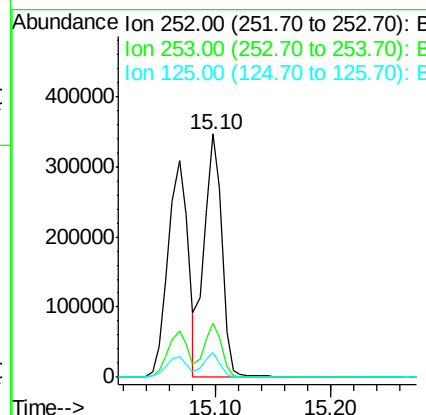
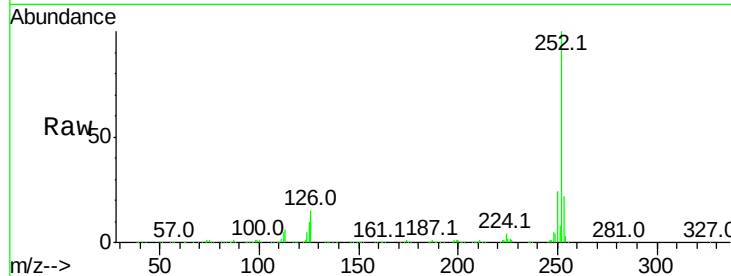




#88
Benzo(k)fluoranthene
Concen: 53.641 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

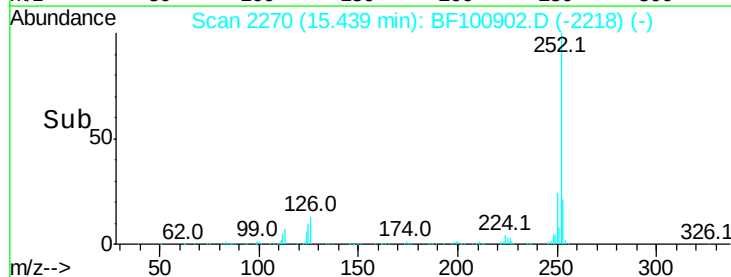
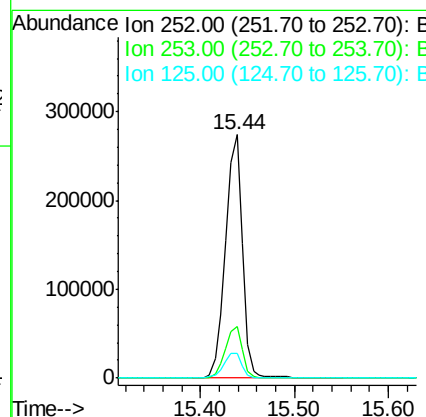
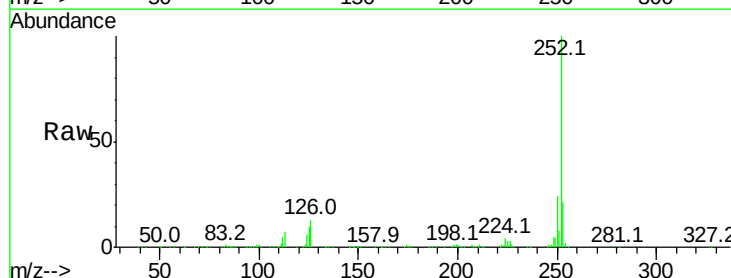
Instrument :
BNA_F
ClientSampleId :
SU-04-112117MS

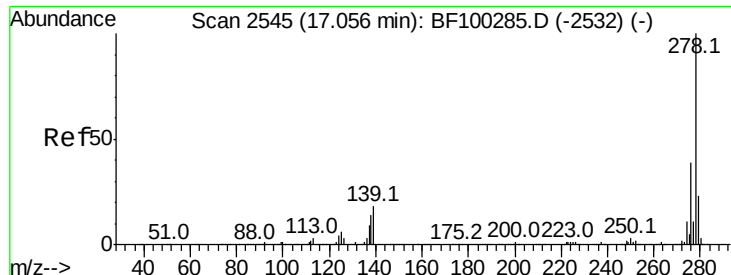
Tot Ion:252 Resp: 374485
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 53.025 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:252 Resp: 347331
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 10.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 48.532 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MS

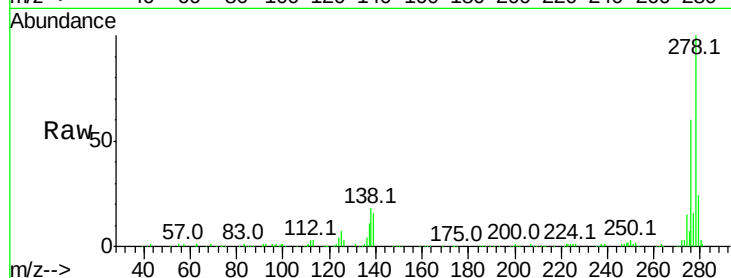
Tot Ion:278 Resp: 259984

Ion Ratio Lower Upper

278 100

139 15.8 15.9 23.9#

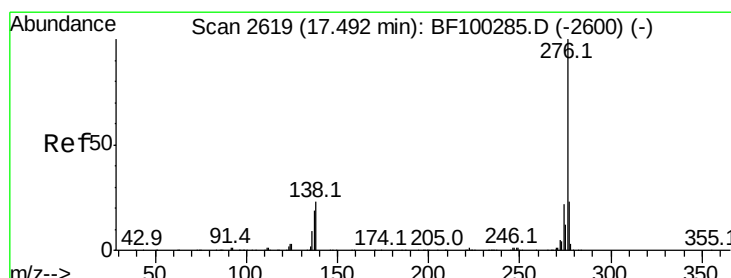
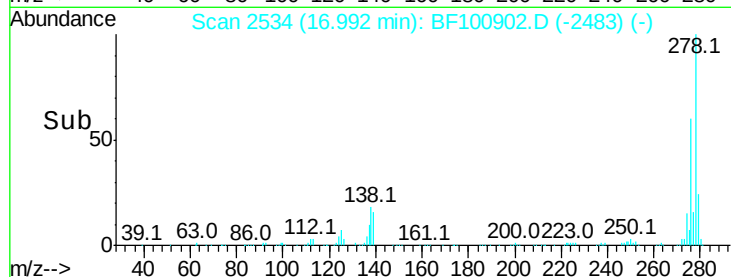
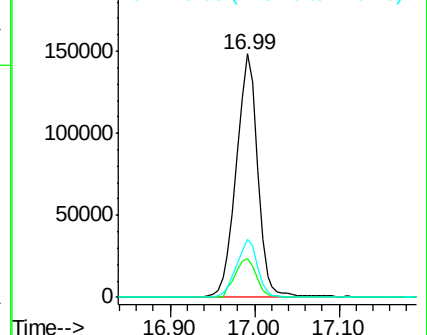
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.401 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

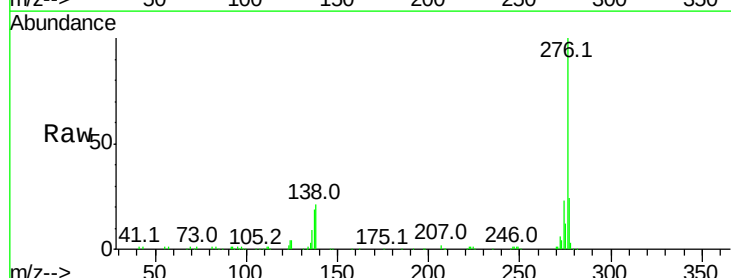
Tgt Ion:276 Resp: 238077

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 21.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

