

Data File : BF100735.D
Acq On : 20 Nov 2017 17:38
Operator : SJ/JU
Sample : PB104390BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Quant Time: Nov 21 03:27:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89096	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	359431	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	166115	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	321171	20.00	ng	0.00
75) Chrysene-d12	14.03	240	190631	20.00	ng	-0.01
86) Perylene-d12	15.50	264	170629	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	499435	89.86	ng	0.00
7) Phenol-d6	6.50	99	609990	89.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	384617	70.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	179697	106.16	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	828599	75.95	ng	-0.01
78) Terphenyl-d14	12.98	244	723013	87.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	68874	25.43	ng	97
3) Pyridine	3.50	79	203131	27.49	ng	94
4) n-Nitrosodimethylamine	3.45	42	94863	26.44	ng	94
6) Aniline	6.53	93	181976	18.79	ng	99
8) 2-Chlorophenol	6.66	128	203869	34.67	ng	98
9) Benzaldehyde	6.42	77	61471	12.56	ng	95
10) Phenol	6.52	94	239587	33.30	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	182902	30.26	ng	99
12) 1,3-Dichlorobenzene	6.81	146	231018	34.08	ng	98
13) 1,4-Dichlorobenzene	6.89	146	234279	34.14	ng	96
14) 1,2-Dichlorobenzene	7.05	146	222382	35.05	ng	95
15) Benzyl Alcohol	7.01	79	173136	32.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	326835	33.81	ng	98
17) 2-Methylphenol	7.12	107	171859	34.20	ng	96
18) Hexachloroethane	7.38	117	78934	34.89	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	139022	29.25	ng	97
20) 3+4-Methylphenols	7.27	107	212356	33.40	ng	# 78
22) Acetophenone	7.28	105	274987	31.37	ng	# 96
24) Nitrobenzene	7.45	77	206679	36.94	ng	99
25) Isophorone	7.69	82	376383	32.95	ng	99
26) 2-Nitrophenol	7.77	139	114772	44.22	ng	92
27) 2,4-Dimethylphenol	7.80	122	191953	37.48	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	239638	32.07	ng	100
29) 2,4-Dichlorophenol	8.01	162	182728	37.37	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	190574	36.04	ng	96
31) Naphthalene	8.17	128	598368	34.56	ng	99
32) Benzoic acid	7.92	122	122393	34.49	ng	96
33) 4-Chloroaniline	8.22	127	89070	12.36	ng	96
34) Hexachlorobutadiene	8.29	225	110821	35.24	ng	99
35) Caprolactam	8.59	113	32351	19.28	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	178803	34.05	ng	95
37) 2-Methylnaphthalene	8.87	142	412562	35.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	189523	34.40	ng	97
40) Hexachlorocyclopentadiene	9.02	237	220004	84.85	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	138049	39.54	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	140753	38.91	ng	# 90
45) 1,1'-Biphenyl	9.33	154	496947	34.59	ng	97
46) 2-Chloronaphthalene	9.36	162	384511	36.89	ng	96
47) 2-Nitroaniline	9.45	65	109141	36.17	ng	96
48) Acenaphthylene	9.77	152	590719	34.20	ng	99
49) Dimethylphthalate	9.63	163	440072	34.70	ng	100
50) 2,6-Dinitrotoluene	9.69	165	99050	39.45	ng	89
51) Acenaphthene	9.95	154	355812	33.87	ng	98
52) 3-Nitroaniline	9.86	138	62720	21.16	ng	98
53) 2,4-Dinitrophenol	9.97	184	94522	83.89	ng	# 16
54) Dibenzofuran	10.12	168	525251	35.67	ng	97
55) 4-Nitrophenol	10.02	139	155839	64.74	ng	92
56) 2,4-Dinitrotoluene	10.10	165	129534	40.90	ng	86
57) Fluorene	10.46	166	401848	37.26	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	114376	38.58	ng	# 86
59) Diethylphthalate	10.33	149	417474	32.89	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	194458	36.75	ng	# 88
61) 4-Nitroaniline	10.48	138	101498	36.11	ng	81
62) Azobenzene	10.61	77	378287	31.64	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	62286	40.12	ng	79
65) n-Nitrosodiphenylamine	10.57	169	372446	33.35	ng	97
66) 4-Bromophenyl-phenylether	10.94	248	125021	36.31	ng	# 85
67) Hexachlorobenzene	11.00	284	130166	36.15	ng	# 90
68) Atrazine	11.09	200	116129	34.35	ng	96
69) Pentachlorophenol	11.20	266	145070	56.18	ng	99
70) Phenanthrene	11.42	178	592971	35.07	ng	98
71) Anthracene	11.47	178	610944	35.61	ng	99
72) Carbazole	11.63	167	524260	33.12	ng	99
73) Di-n-butylphthalate	11.95	149	635264	34.29	ng	98
74) Fluoranthene	12.61	202	583561	32.56	ng	96
76) Benzidine	12.73	184	159668	20.91	ng	98
77) Pyrene	12.84	202	590842	43.48	ng	98
79) Butylbenzylphthalate	13.45	149	203166	36.66	ng	# 88
80) Benzo(a)anthracene	14.02	228	420506	36.63	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	87313	21.23	ng	# 98
82) Chrysene	14.06	228	398062	35.81	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	247160	33.91	ng	99
84) Di-n-octyl phthalate	14.62	149	367762	29.37	ng	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	444904	49.48	ng	94
87) Benzo(b)fluoranthene	15.07	252	344558	34.08	ng	98
88) Benzo(k)fluoranthene	15.10	252	324021	33.92	ng	# 95
89) Benzo(a)pyrene	15.44	252	330697	36.90	ng	99
90) Dibenzo(a,h)anthracene	17.00	278	362527	49.46	ng	95
91) Benzo(g,h,i)perylene	17.43	276	386237	53.84	ng	95

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

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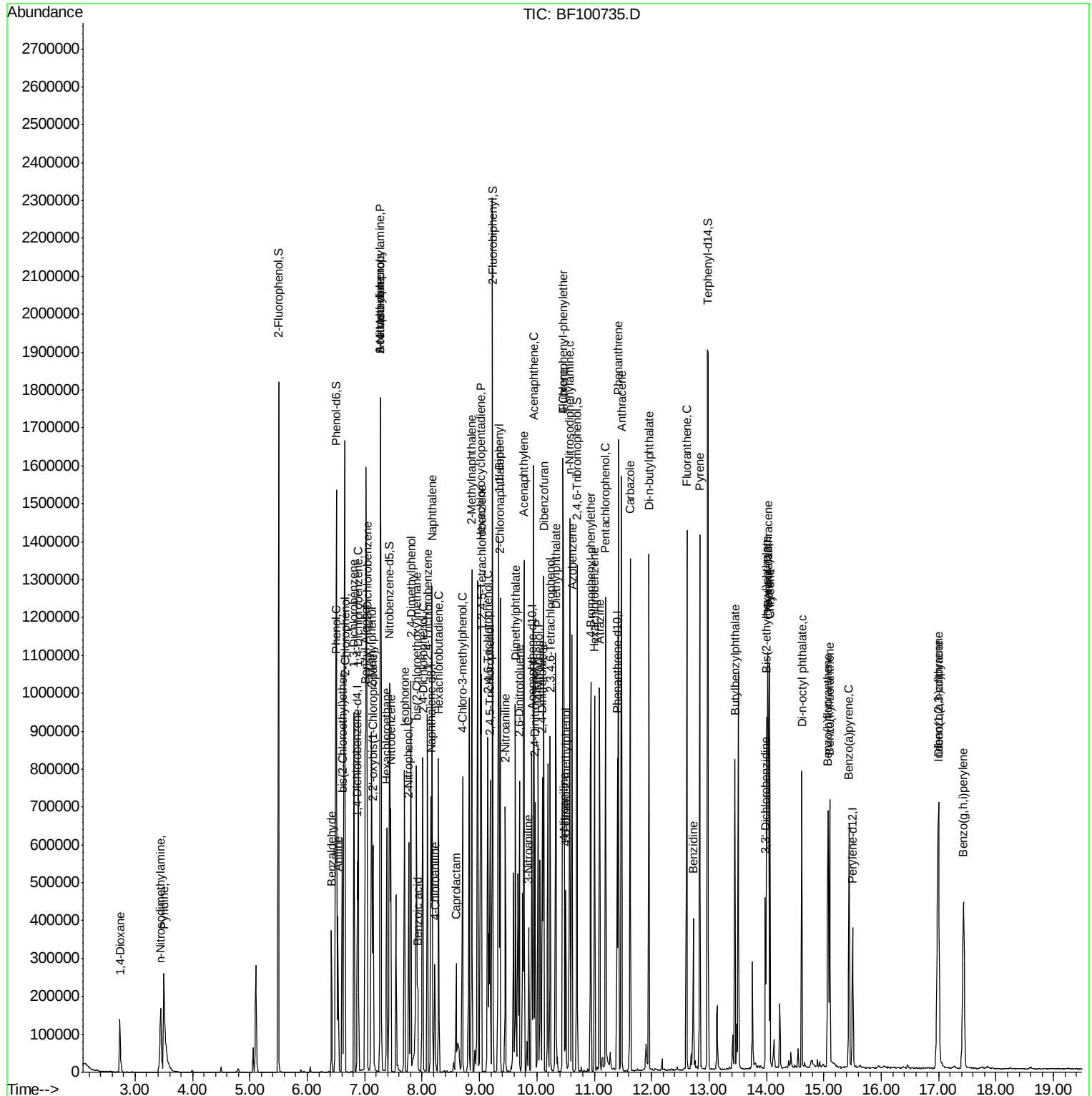
Quant Time: Nov 21 03:27:05 2017

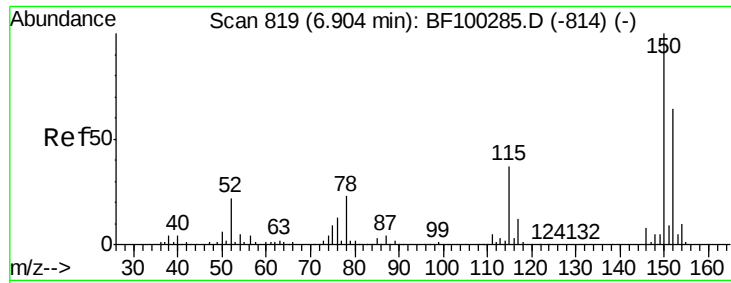
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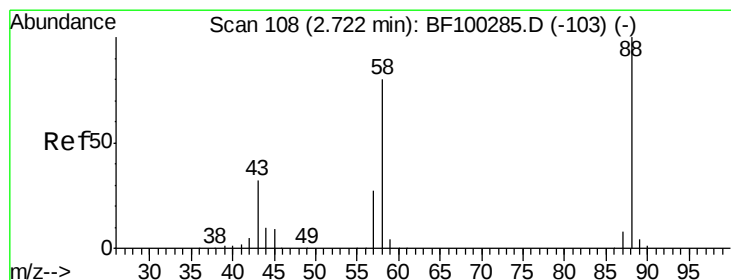
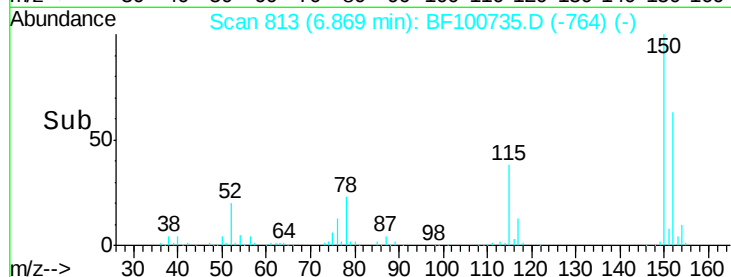
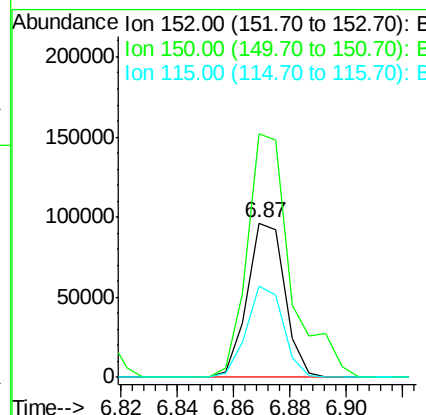
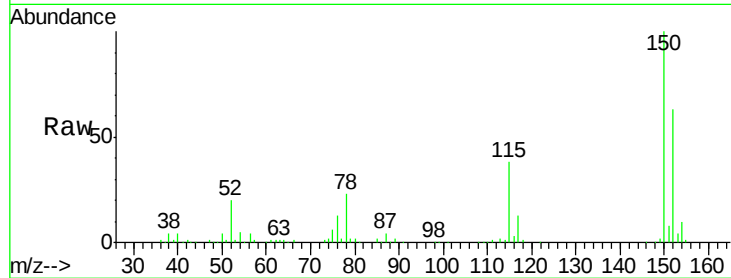


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
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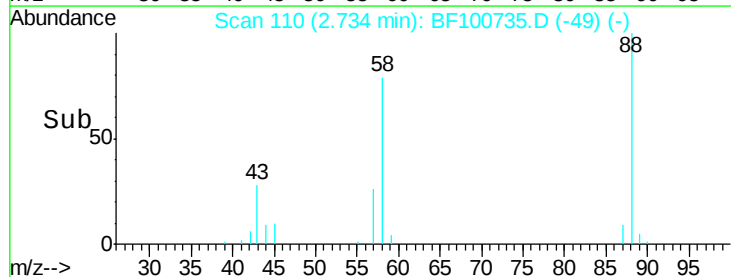
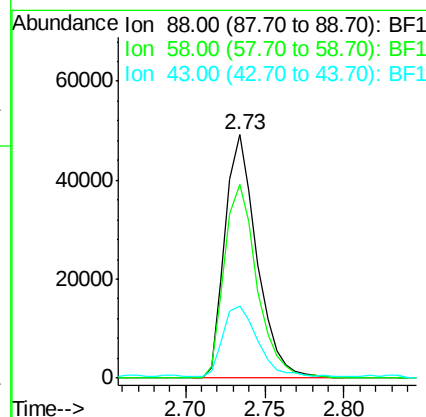
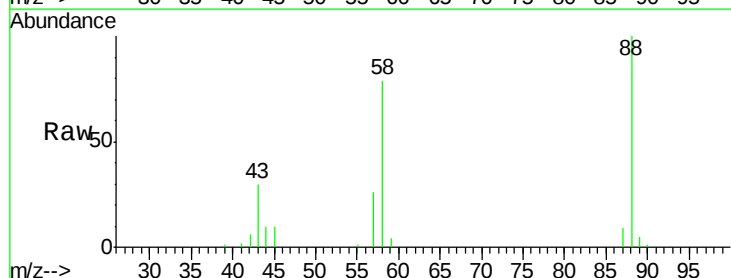
Tgt Ion:152 Resp: 89096
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.3 50.1 75.1

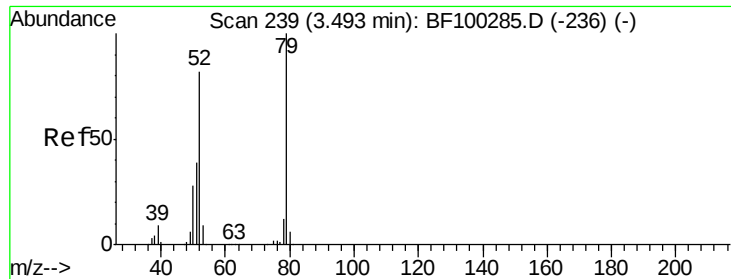


#2

1,4-Dioxane
Concen: 25.43 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.06 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion: 88 Resp: 68874
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 31.6 24.6 37.0





#3

Pyridine

Concen: 27.49 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.05 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

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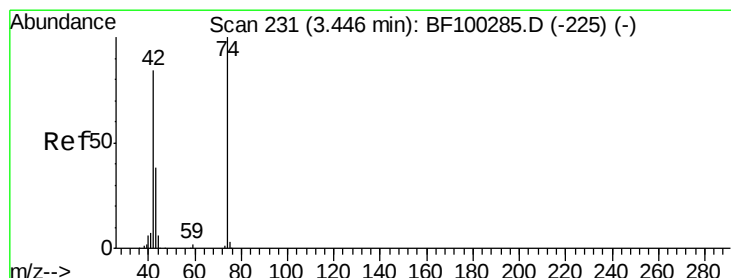
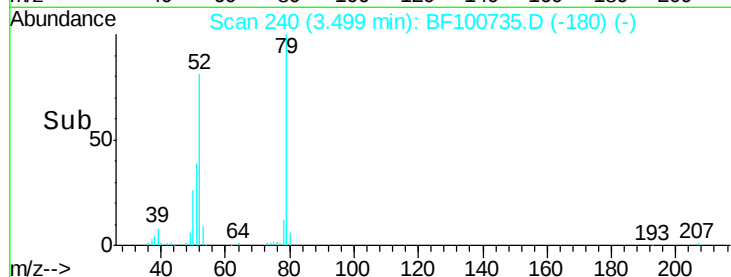
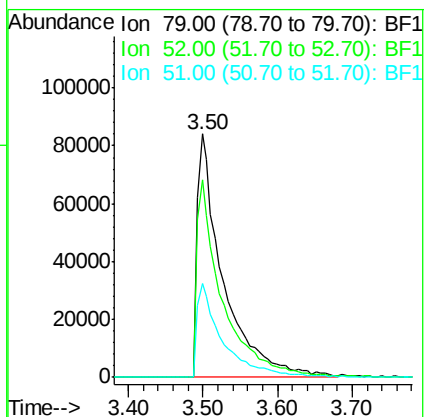
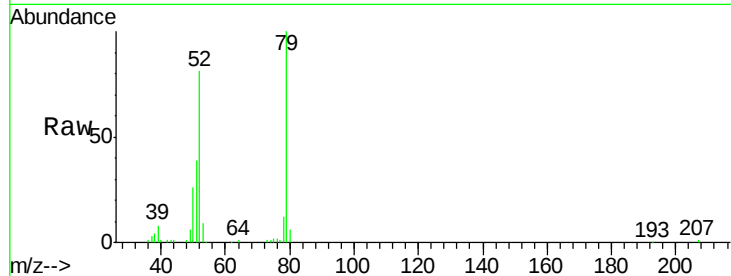
Tgt Ion: 79 Resp: 203131

Ion Ratio Lower Upper

79 100

52 81.2 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 26.44 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

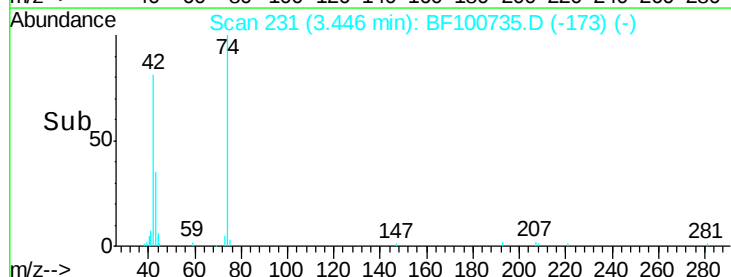
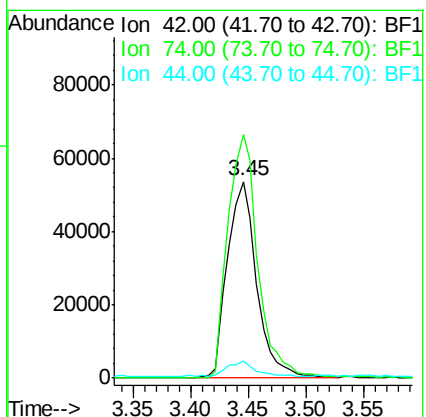
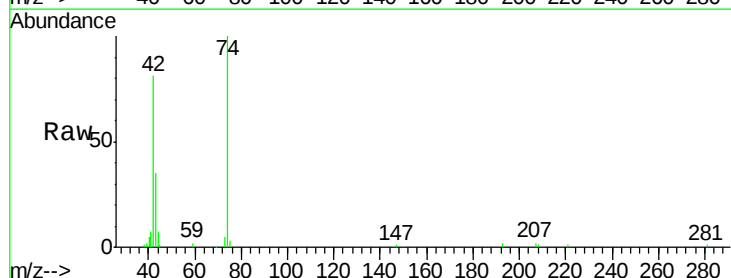
Tgt Ion: 42 Resp: 94863

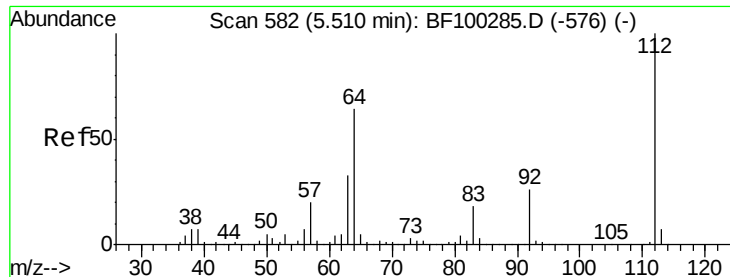
Ion Ratio Lower Upper

42 100

74 123.9 104.9 157.3

44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 89.86 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

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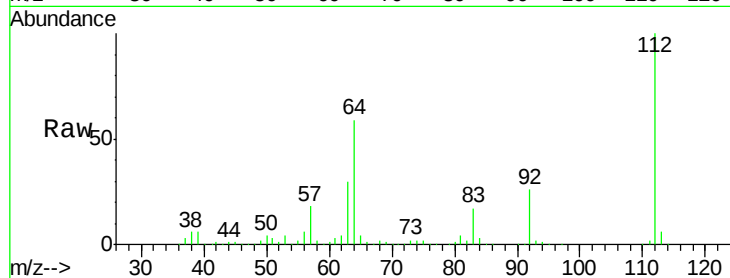
Tgt Ion: 112 Resp: 499435

Ion Ratio Lower Upper

112 100

64 58.5 47.9 71.9

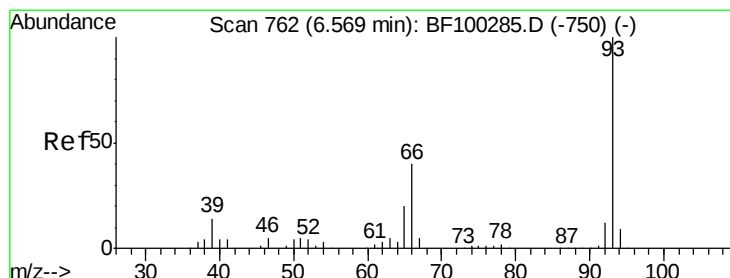
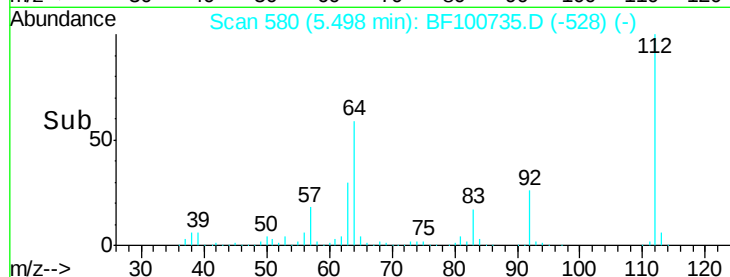
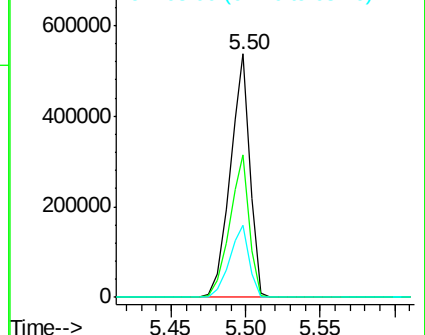
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.79 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

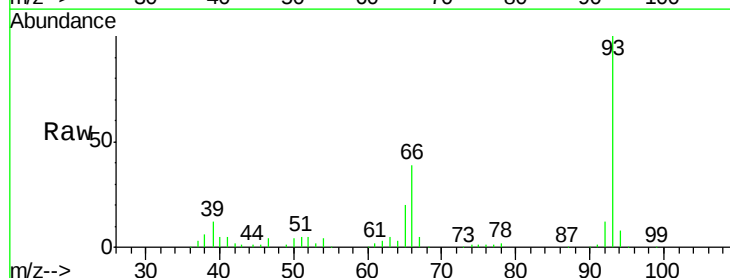
Tgt Ion: 93 Resp: 181976

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

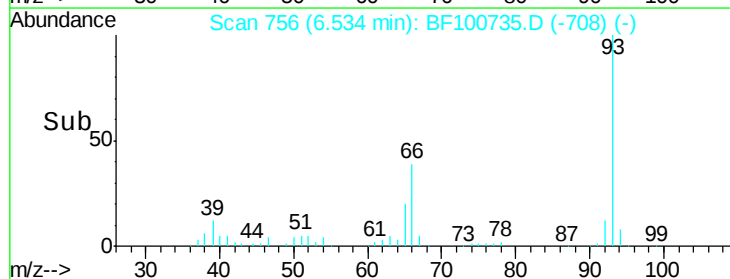
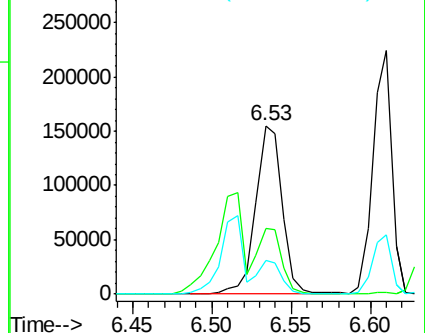
65 20.3 16.4 24.6



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: 89.00 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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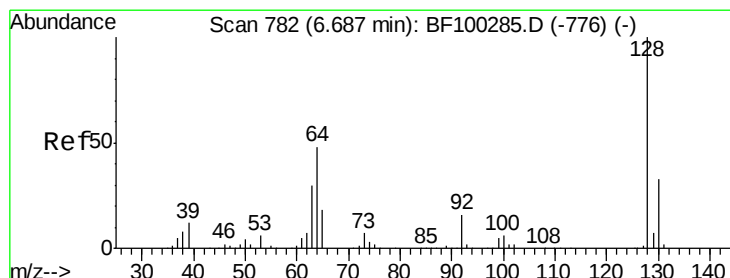
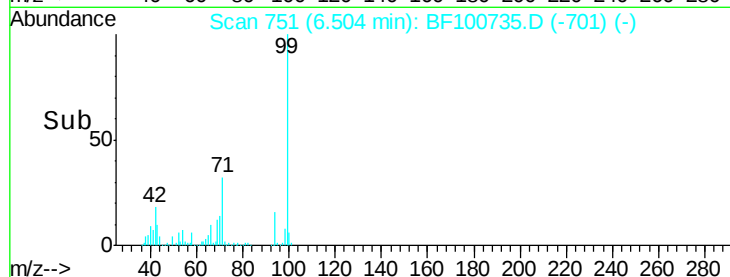
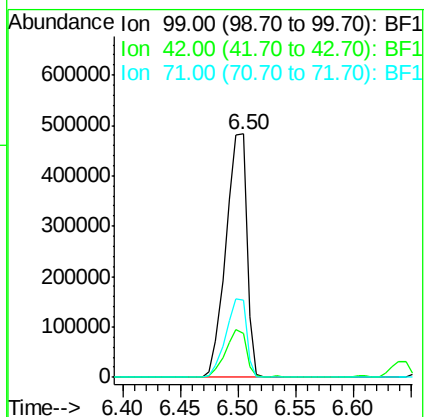
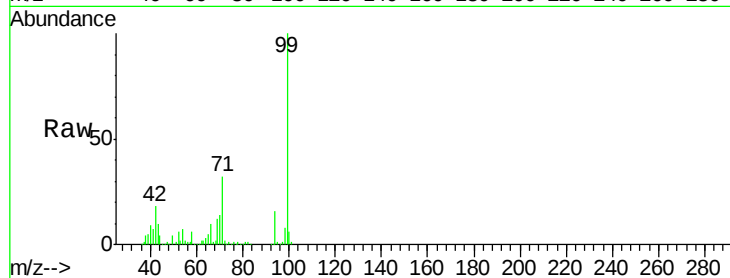
Tgt Ion: 99 Resp: 609990

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 34.67 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

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Acq: 20 Nov 2017 17:38

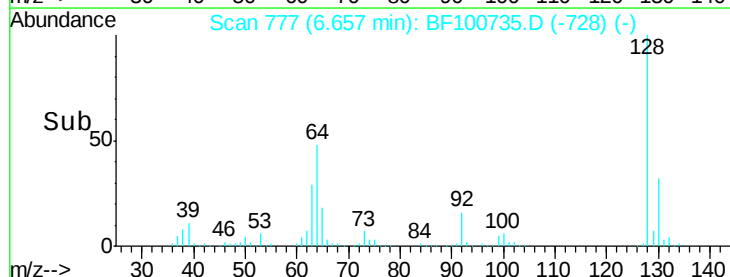
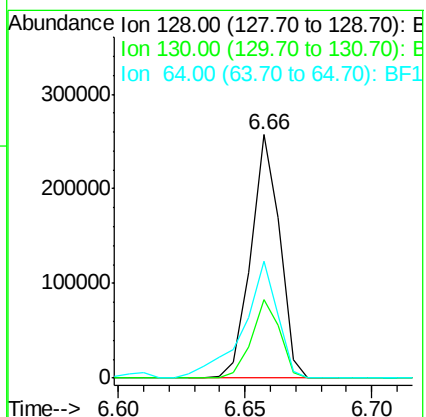
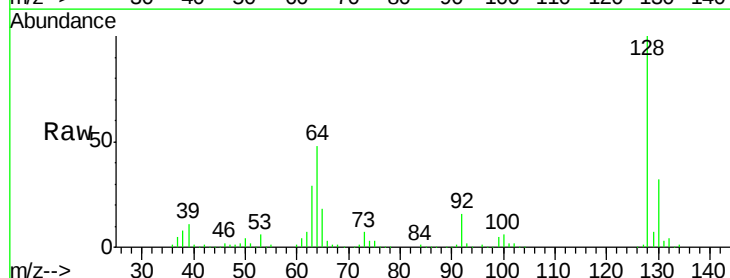
Tgt Ion: 128 Resp: 203869

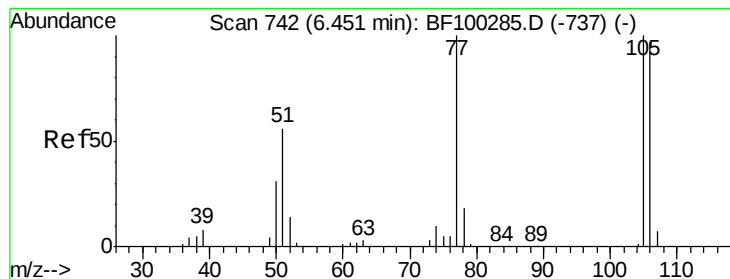
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 47.8 29.4 69.4





#9

Benzaldehyde

Concen: 12.56 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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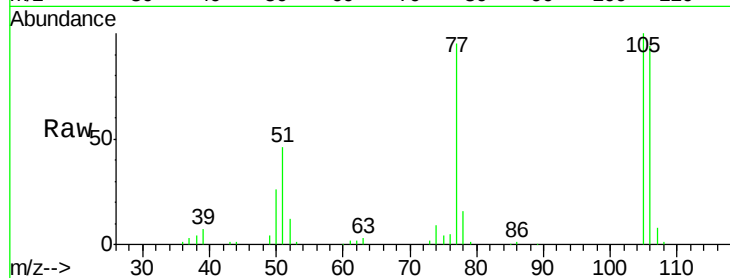
Tgt Ion: 77 Resp: 61471

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

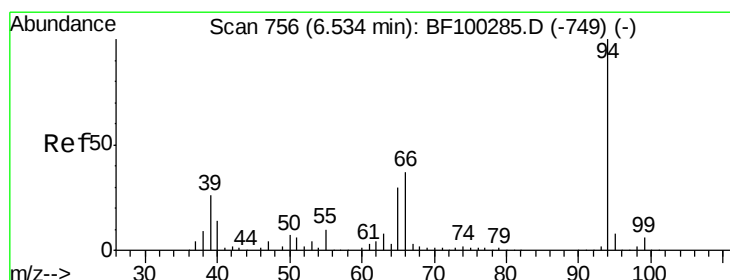
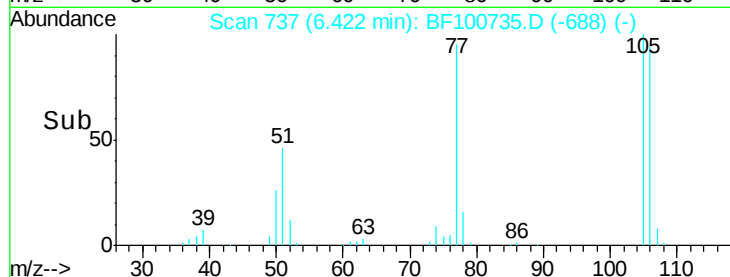
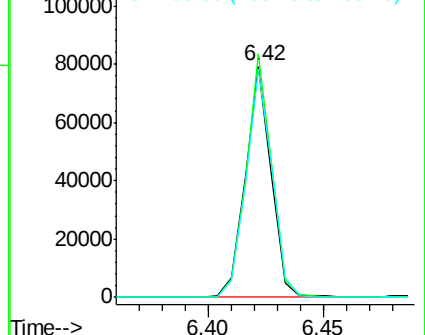
106 99.2 74.5 114.5



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: 33.30 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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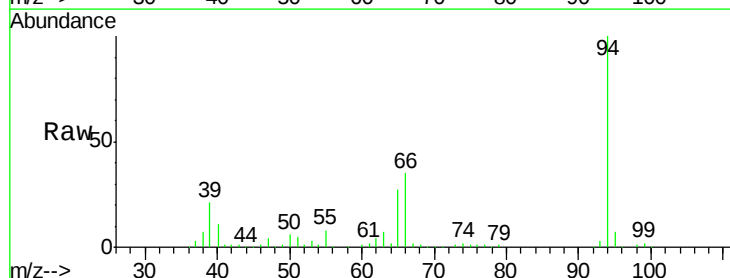
Tgt Ion: 94 Resp: 239587

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

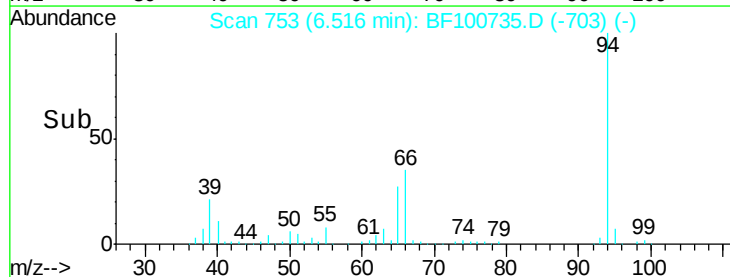
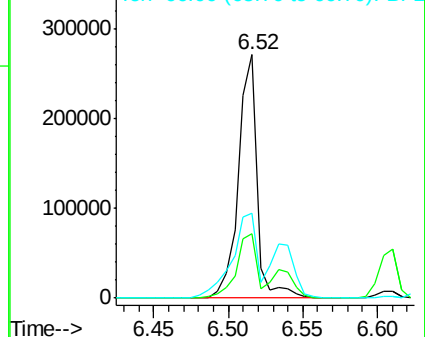
66 34.7 16.2 56.2

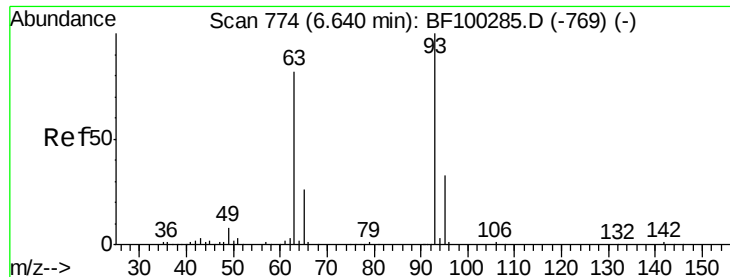


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

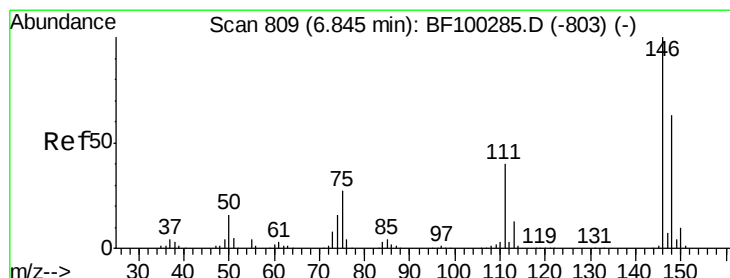
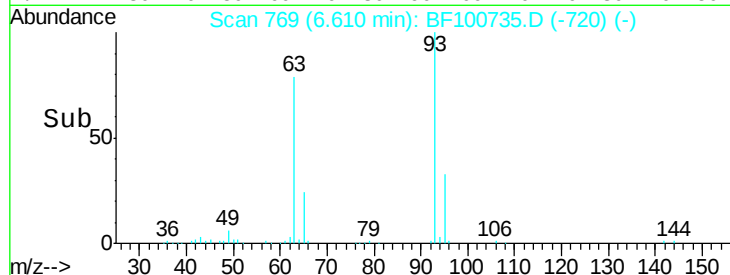
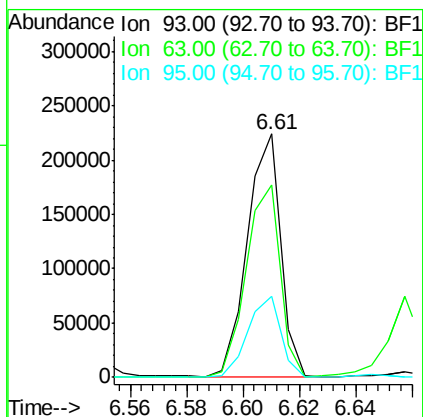
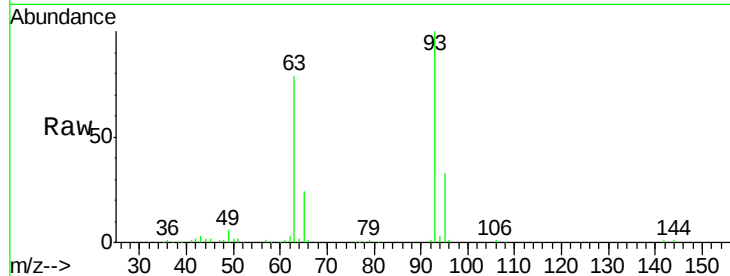




#11
bis(2-Chloroethyl)ether
Concen: 30.26 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

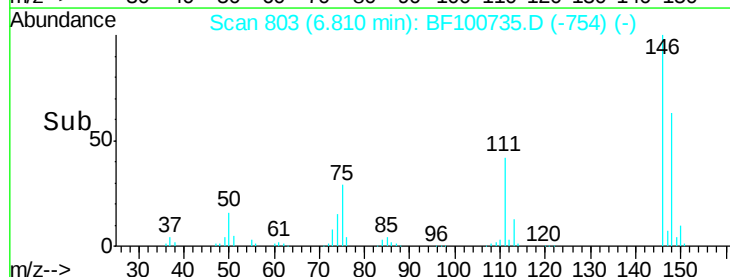
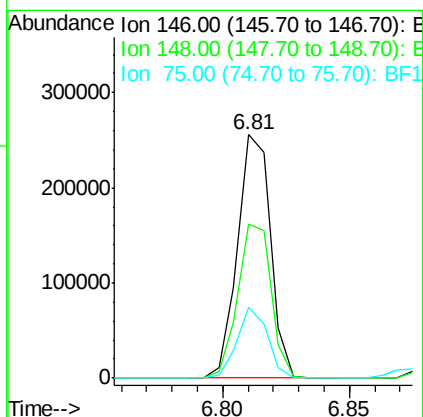
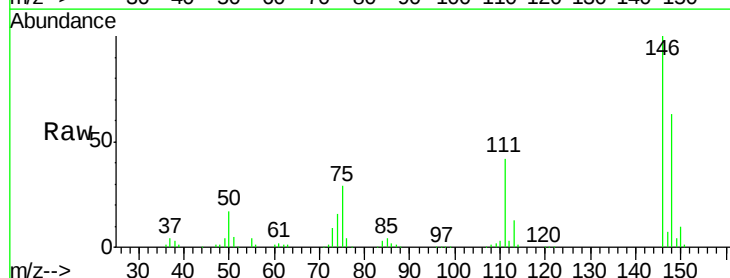
Instrument :
BNA_F
ClientSampleId :
PB104390BS

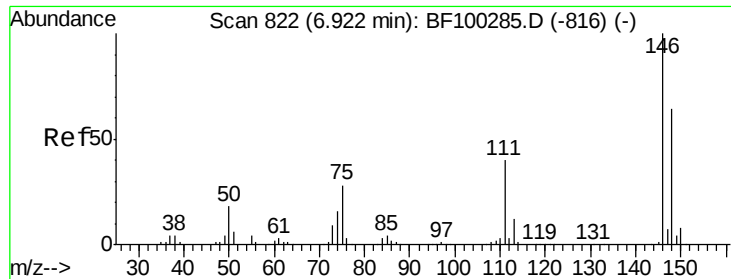
Tgt Ion: 93 Resp: 182902
Ion Ratio Lower Upper
93 100
63 79.1 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.08 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion: 146 Resp: 231018
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 28.9 24.2 36.4

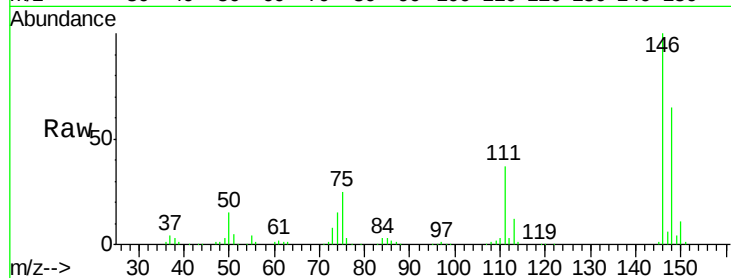




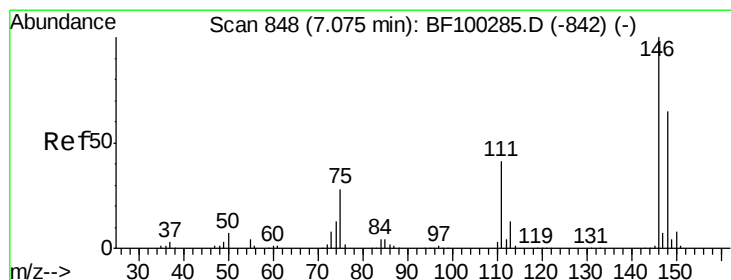
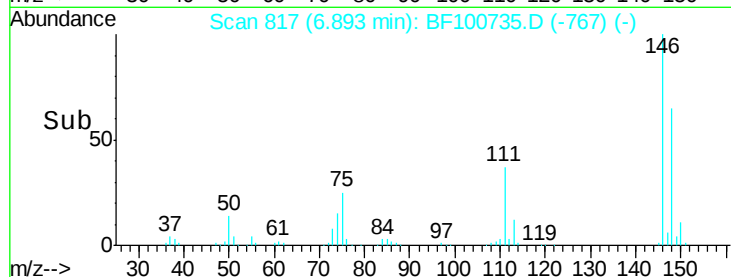
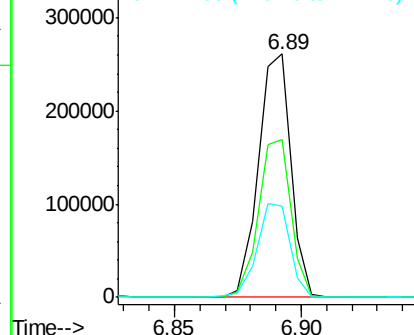
#13
 1,4-Dichlorobenzene
 Concen: 34.14 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion:146 Resp: 234279
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 37.5 34.2 51.2

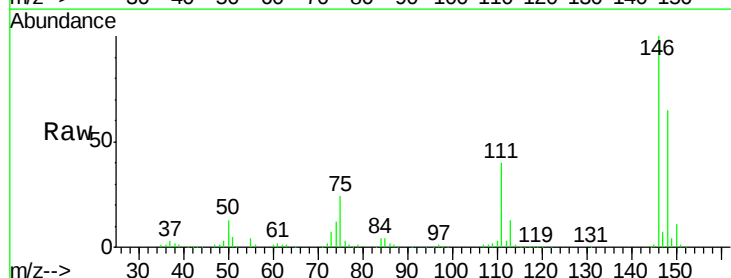


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

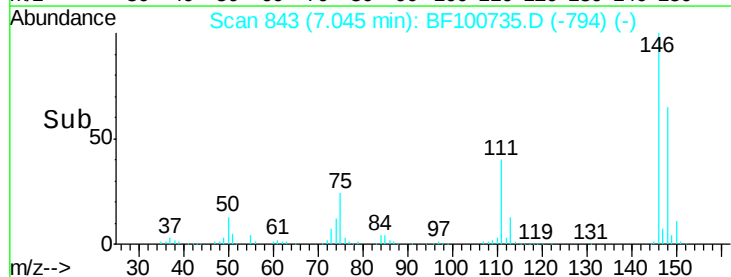
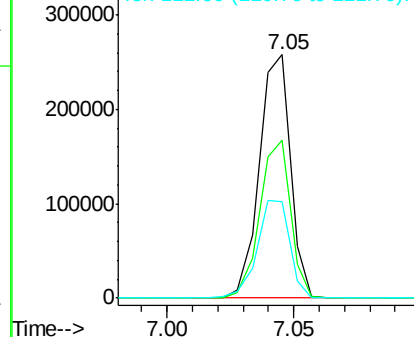


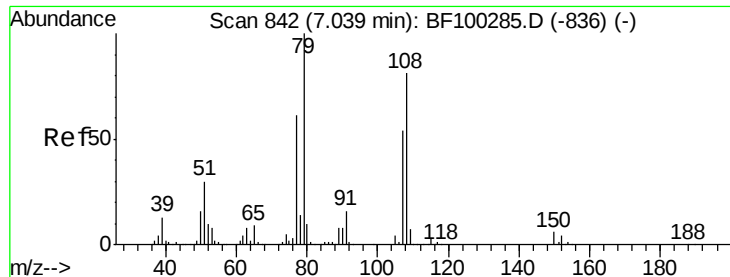
#14
 1,2-Dichlorobenzene
 Concen: 35.05 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:146 Resp: 222382
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 39.5 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: 32.37 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

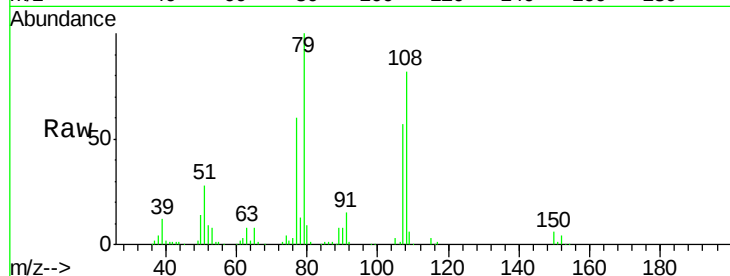
Tgt Ion: 79 Resp: 173136

Ion Ratio Lower Upper

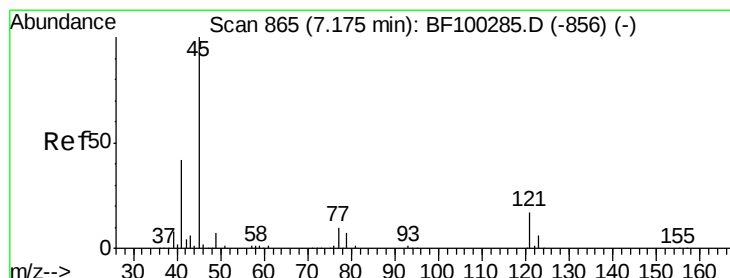
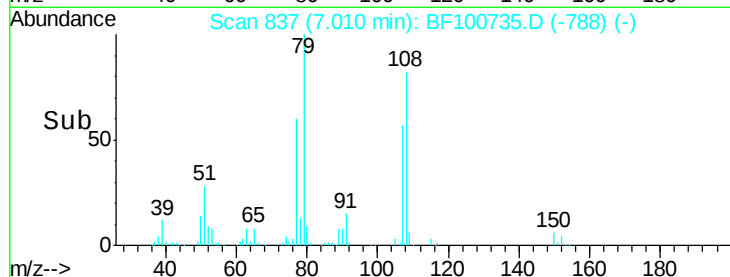
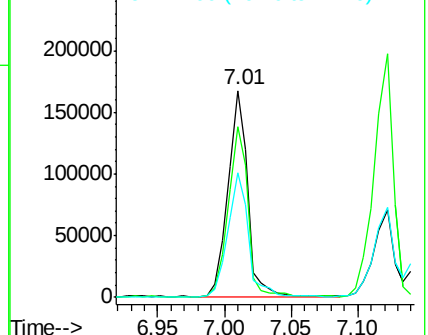
79 100

108 82.3 65.1 97.7

77 60.3 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: 33.81 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

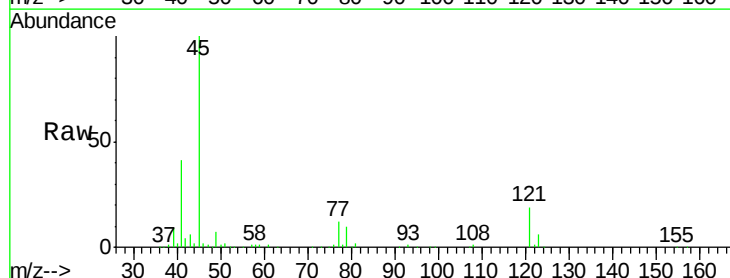
Tgt Ion: 45 Resp: 326835

Ion Ratio Lower Upper

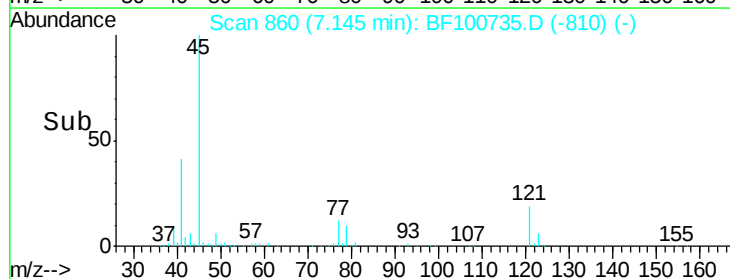
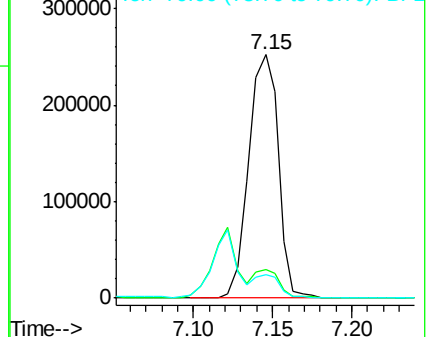
45 100

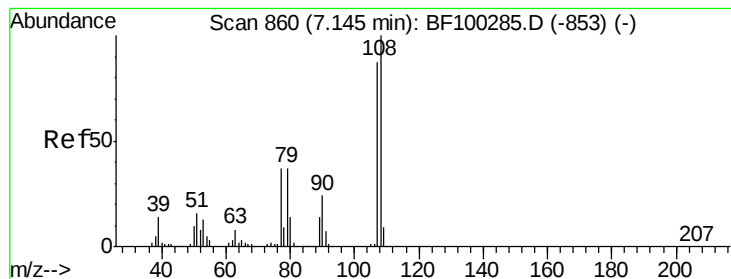
77 11.7 0.0 32.9

79 9.9 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: 34.20 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

Tgt Ion:107 Resp: 171859

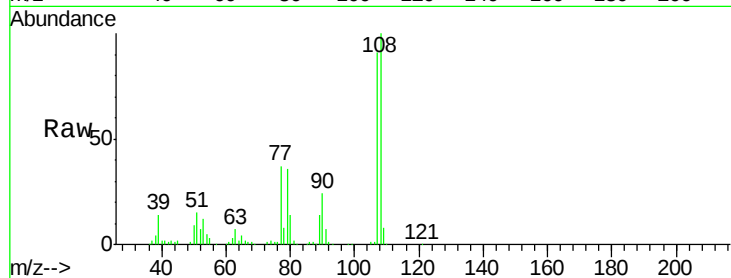
Ion Ratio Lower Upper

107 100

108 109.7 91.7 137.5

77 40.8 33.8 50.8

79 39.4 33.8 50.8

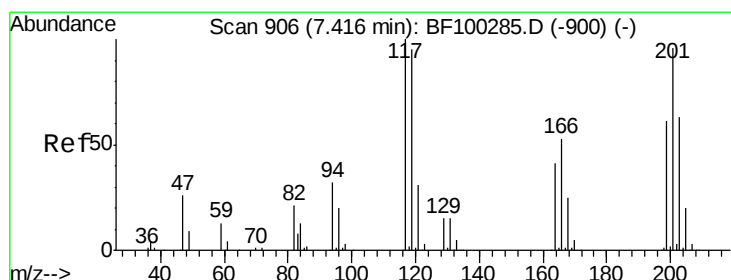
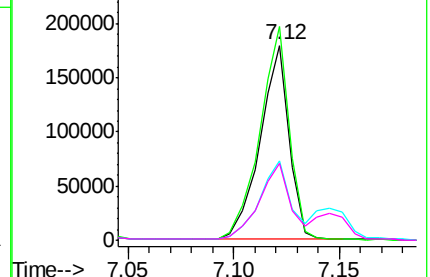
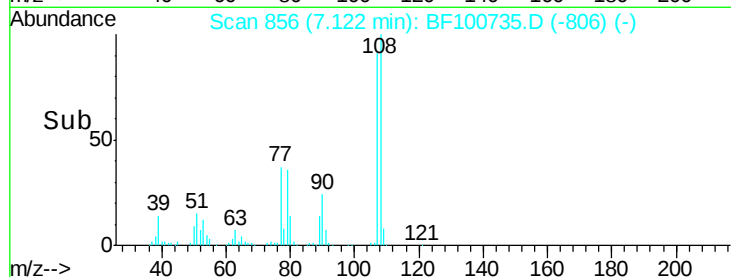


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.89 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

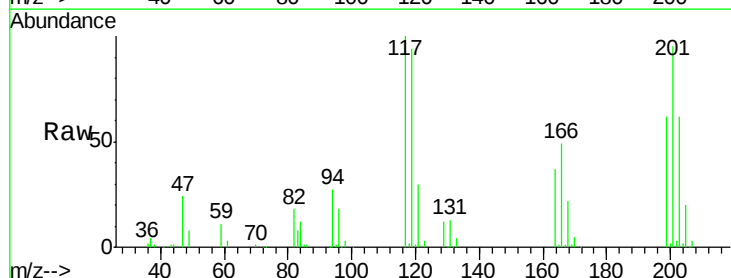
Tgt Ion:117 Resp: 78934

Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.8

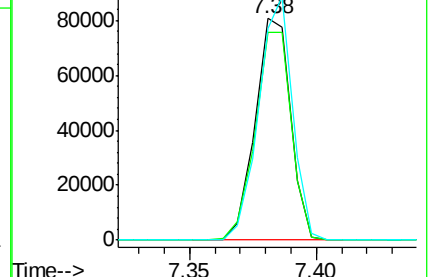
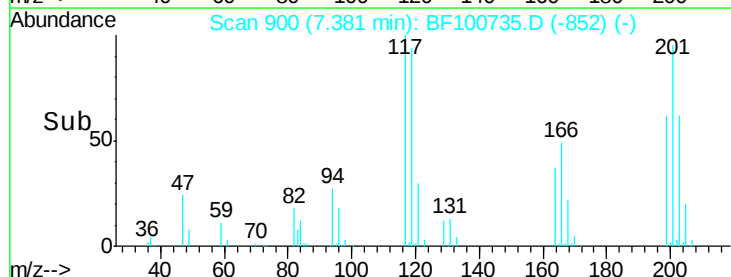
201 95.5 75.7 113.5

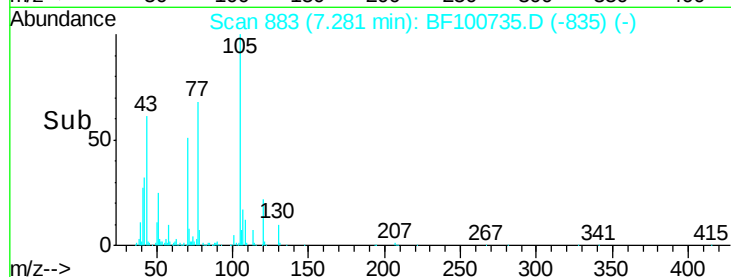
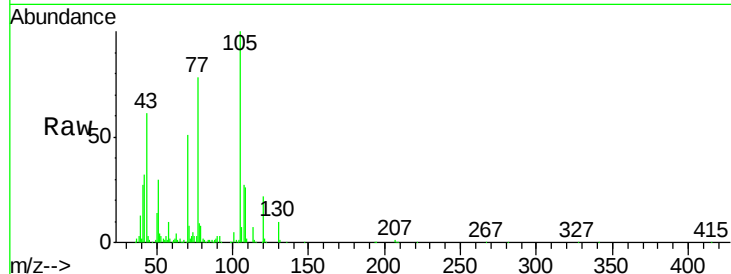
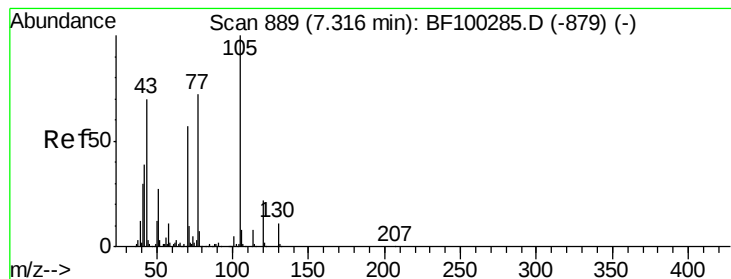


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.25 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

Tgt Ion: 70 Resp: 139022

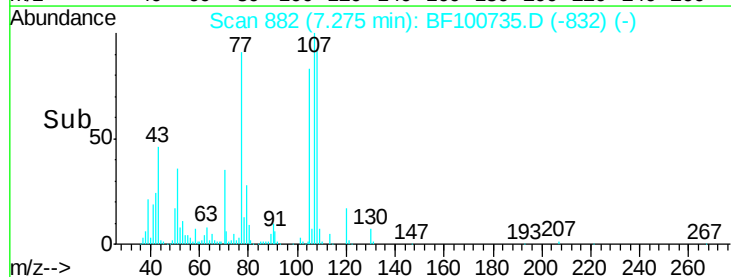
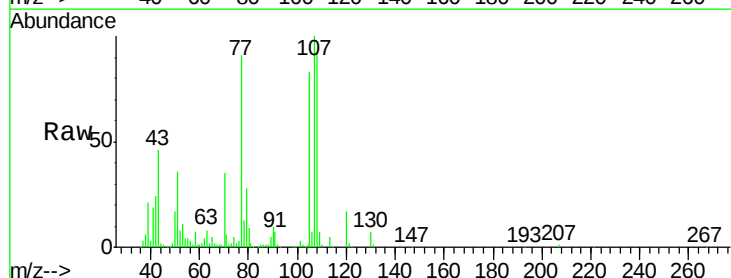
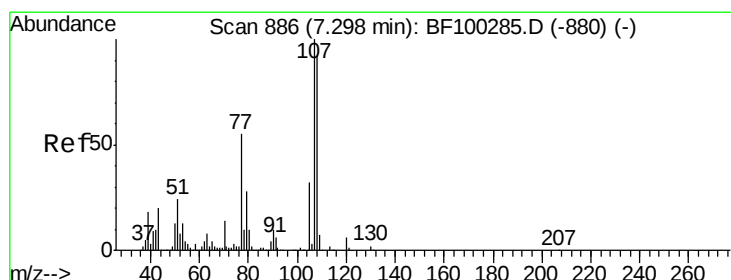
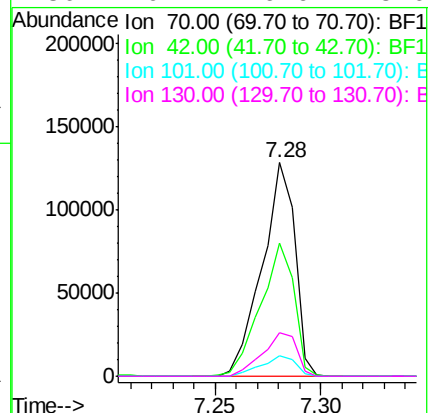
Ion Ratio Lower Upper

70 100

42 62.5 47.5 71.3

101 9.5 7.4 11.2

130 20.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 33.40 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion: 107 Resp: 212356

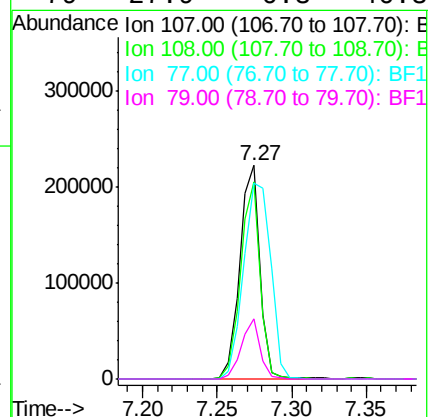
Ion Ratio Lower Upper

107 100

108 92.2 68.2 108.2

77 91.5 26.7 66.7#

79 27.9 6.3 46.3

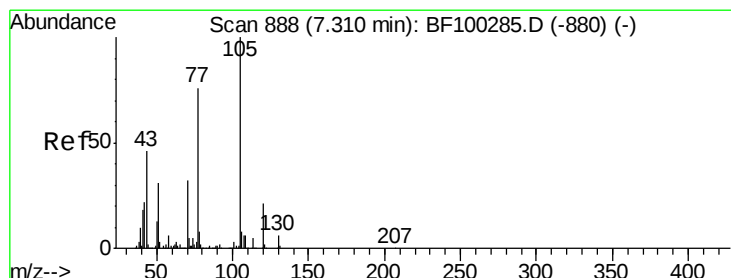
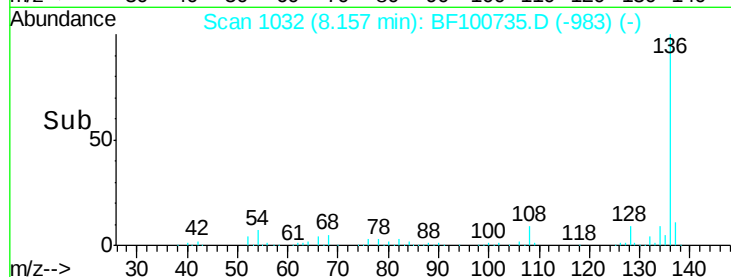
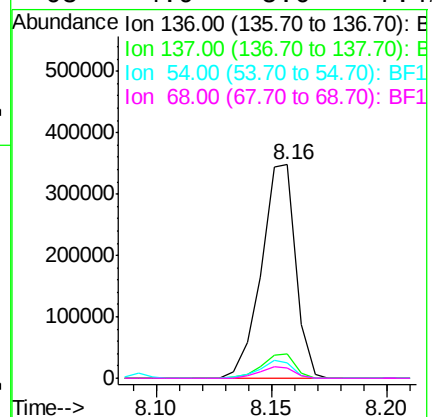
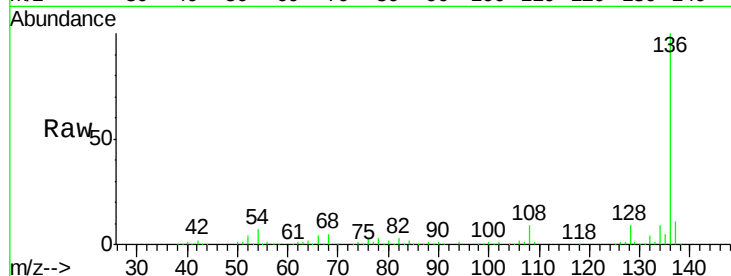




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

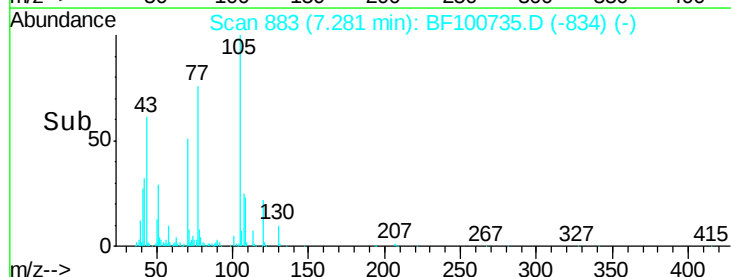
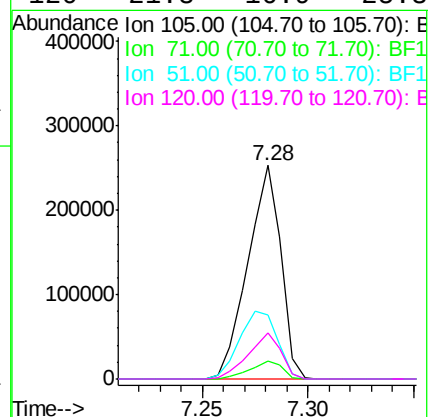
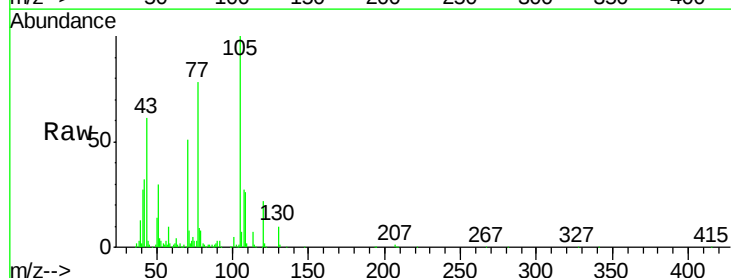
Instrument :
BNA_F
ClientSampleId :
PB104390BS

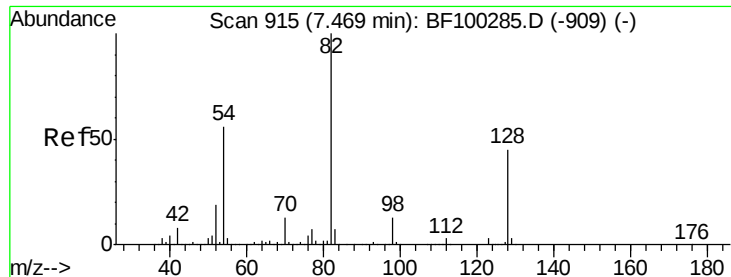
Tgt Ion:	136	Resp:	359431
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	4.9	5.0	7.4#



#22
Acetophenone
Concen: 31.37 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:	105	Resp:	274987
Ion Ratio	Lower	Upper	
105	100		
71	8.4	4.4	6.6#
51	30.2	22.3	33.5
120	21.8	16.9	25.3

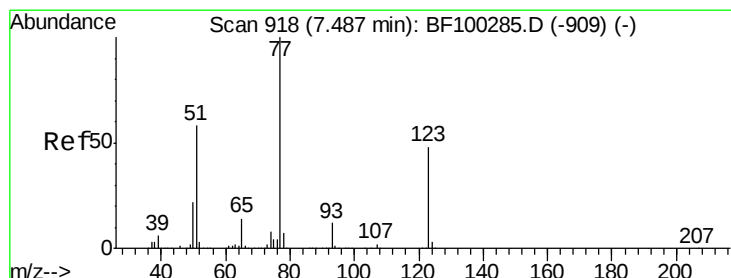
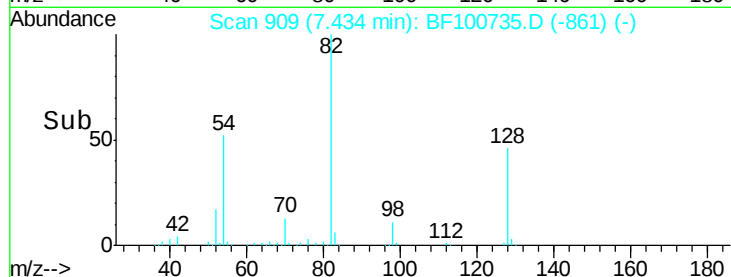
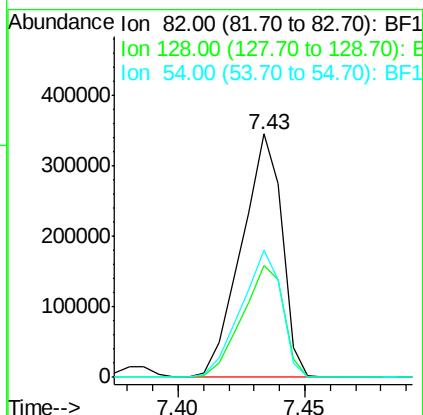
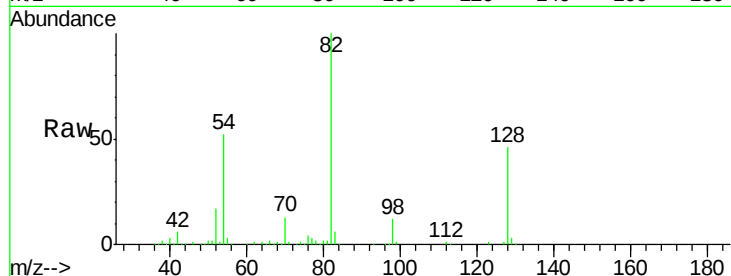




#23
 Nitrobenzene-d5
 Concen: 70.75 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

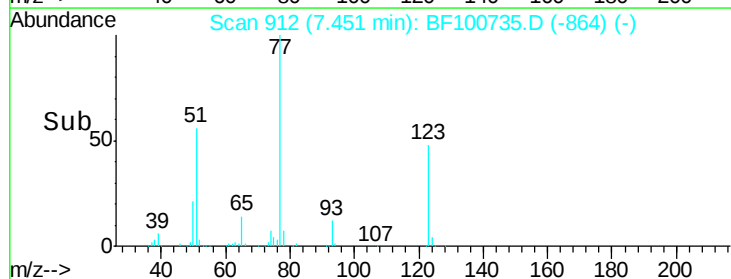
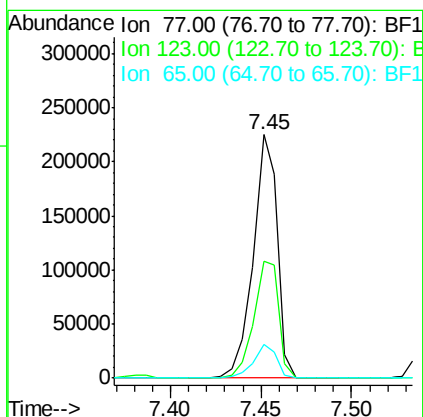
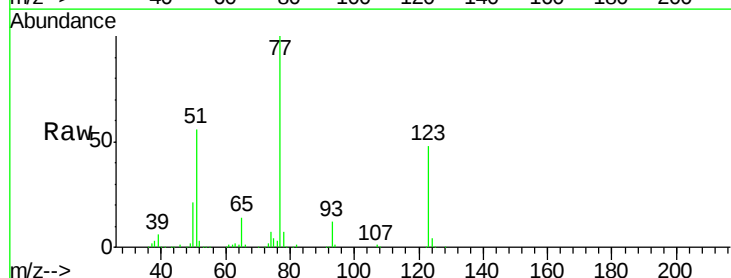
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

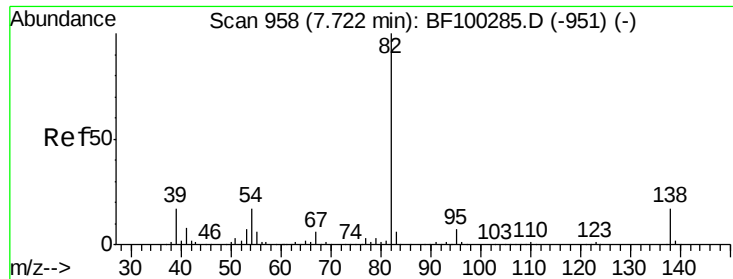
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 32.95 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

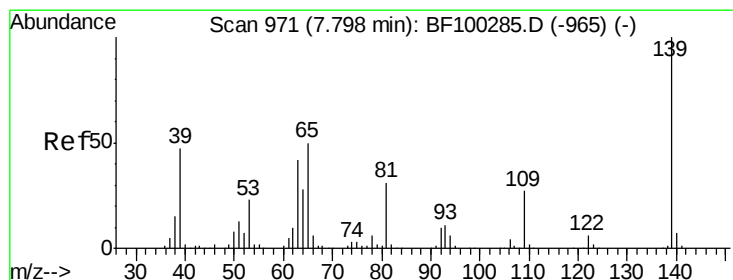
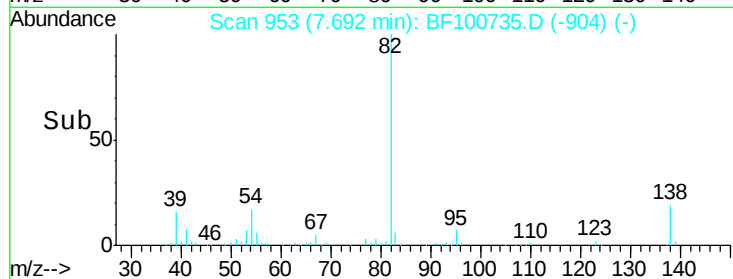
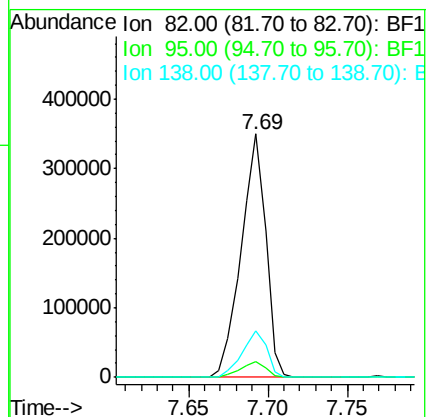
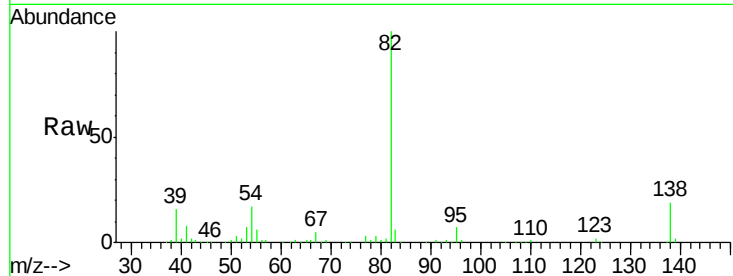
Tgt Ion: 82 Resp: 376383

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 44.22 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

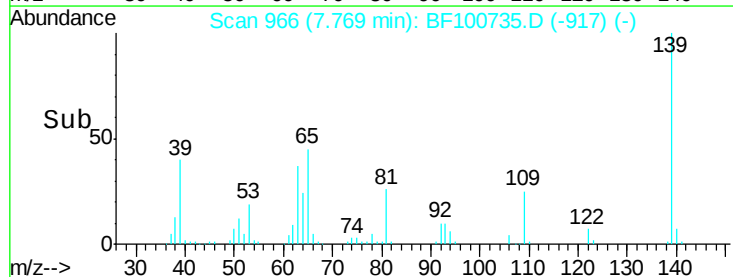
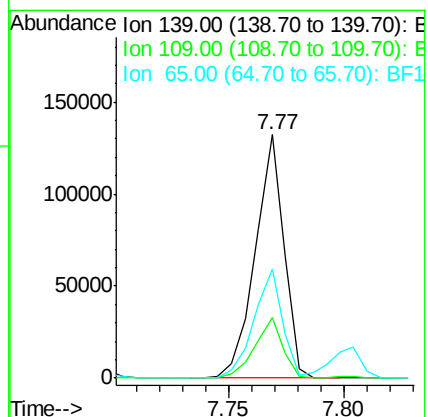
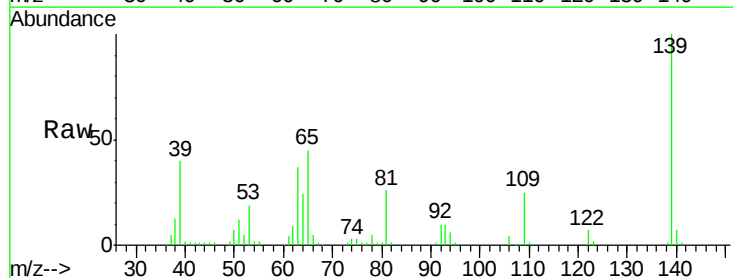
Tgt Ion: 139 Resp: 114772

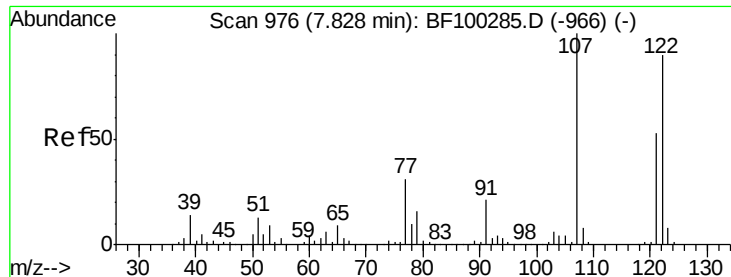
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 44.8 40.5 60.7

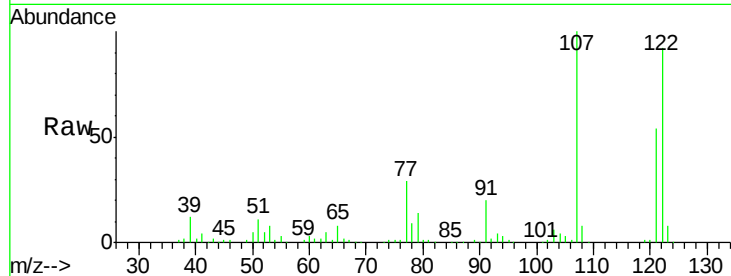




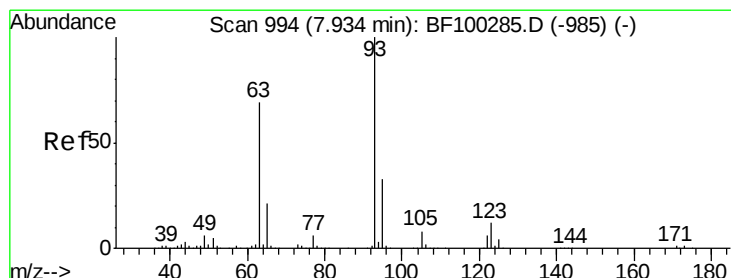
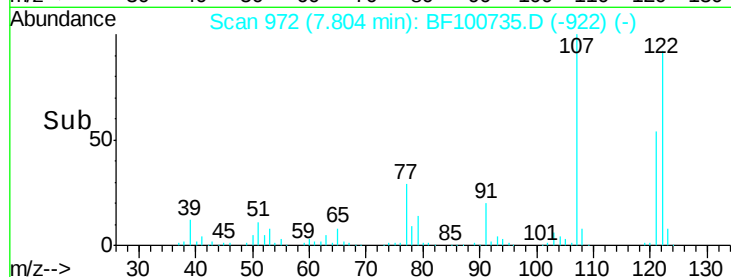
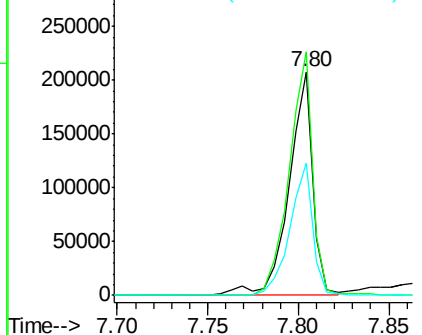
#27
 2,4-Dimethylphenol
 Concen: 37.48 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion: 122 Resp: 191953
 Ion Ratio Lower Upper
 122 100
 107 108.8 91.2 136.8
 121 59.3 47.2 70.8

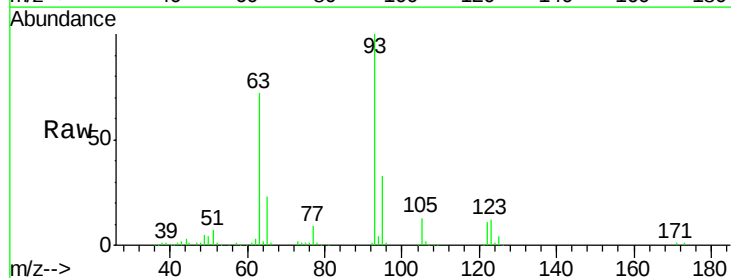


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

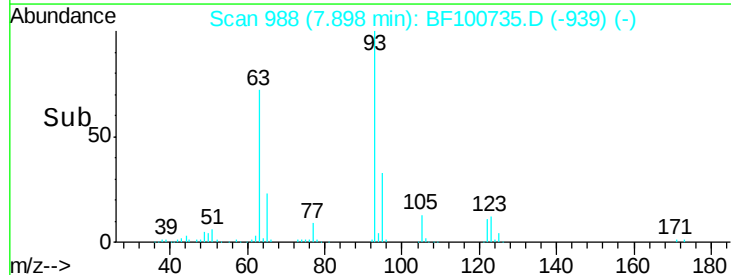
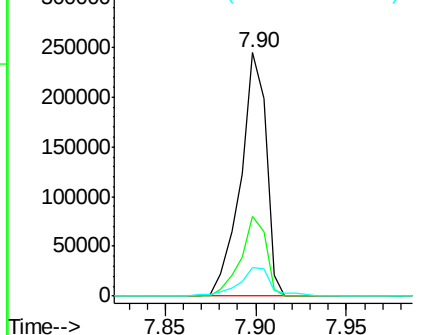


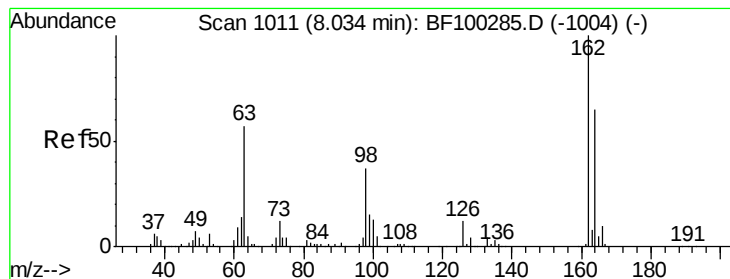
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.07 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion: 93 Resp: 239638
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.8 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 37.37 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleID :

PB104390BS

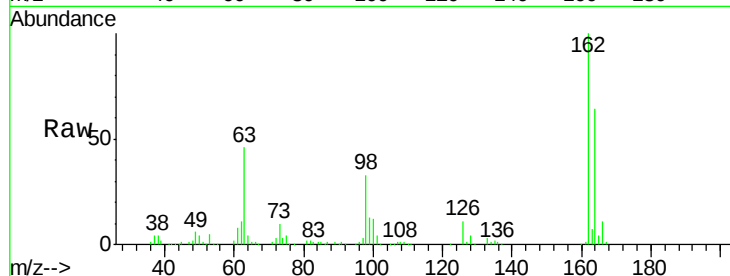
Tgt Ion:162 Resp: 182728

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

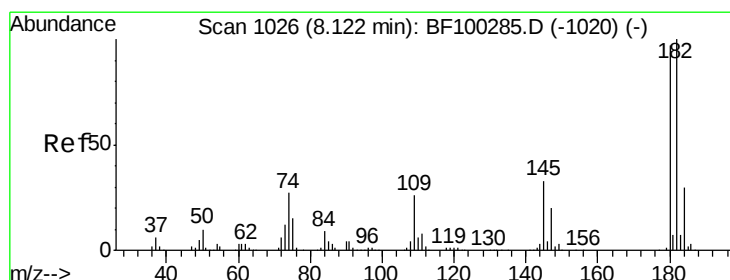
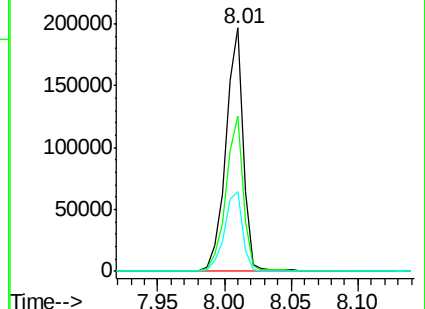
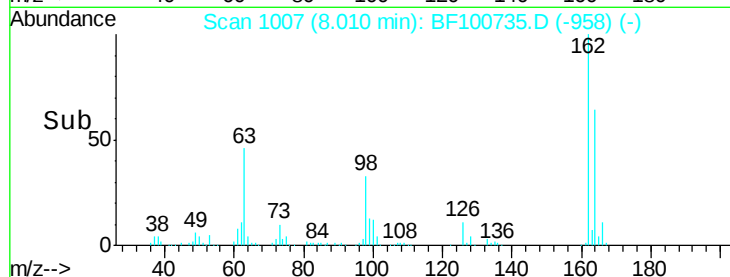
98 32.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.04 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

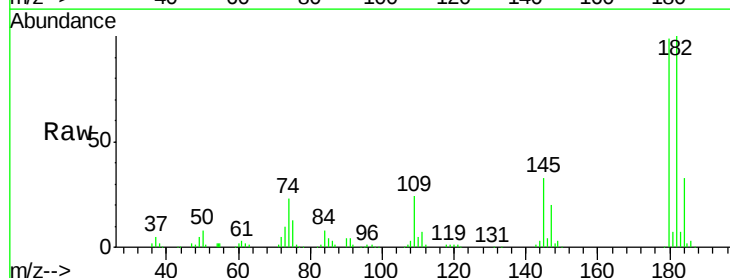
Tgt Ion:180 Resp: 190574

Ion Ratio Lower Upper

180 100

182 100.6 76.8 115.2

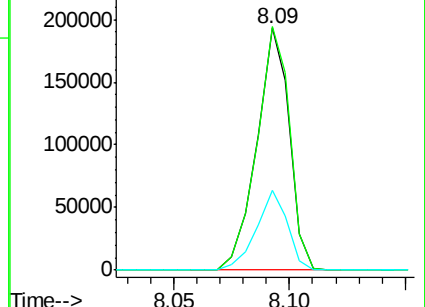
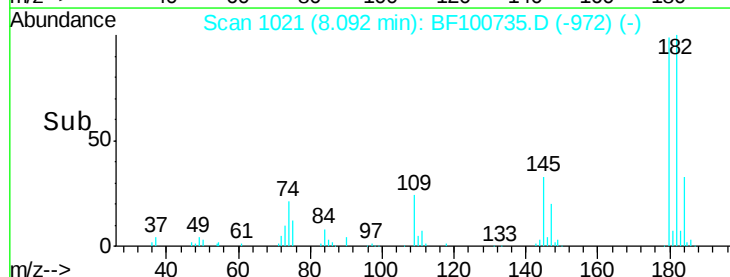
145 32.9 26.5 39.7

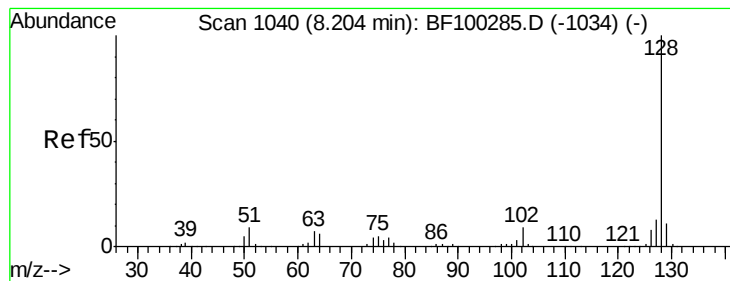


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.56 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

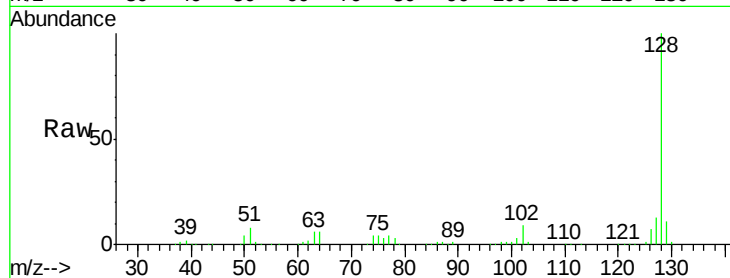
Tgt Ion:128 Resp: 598368

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

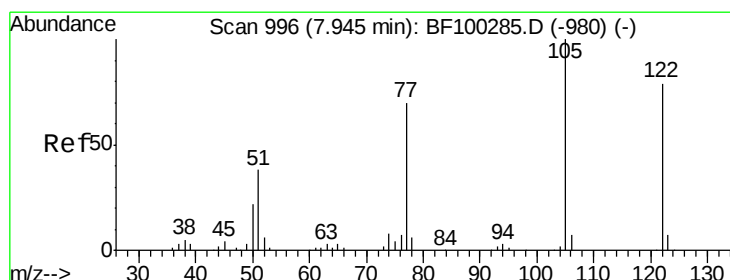
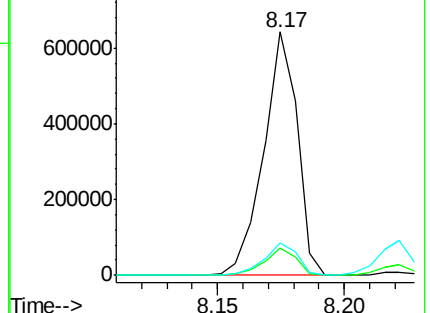
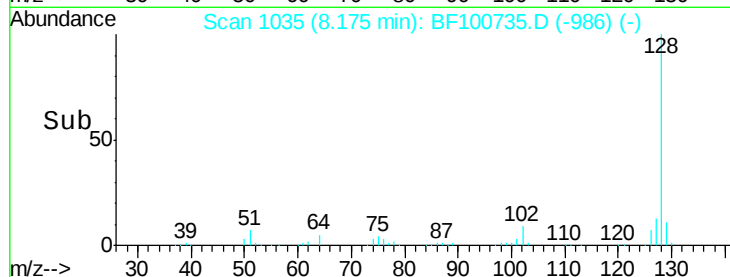
127 13.1 10.9 16.3



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: 34.49 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

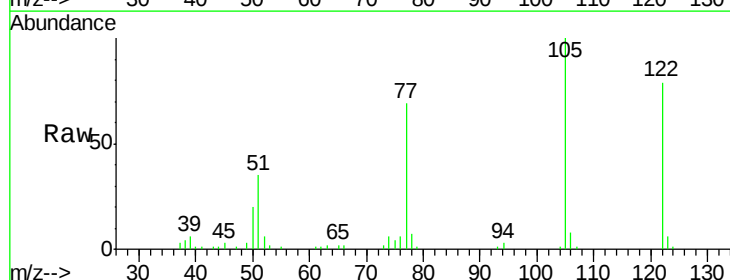
Tgt Ion:122 Resp: 122393

Ion Ratio Lower Upper

122 100

105 126.8 101.1 141.1

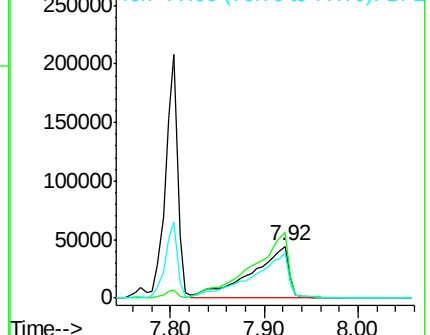
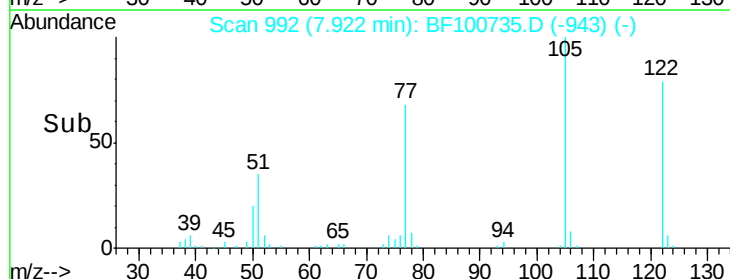
77 87.3 70.7 110.7

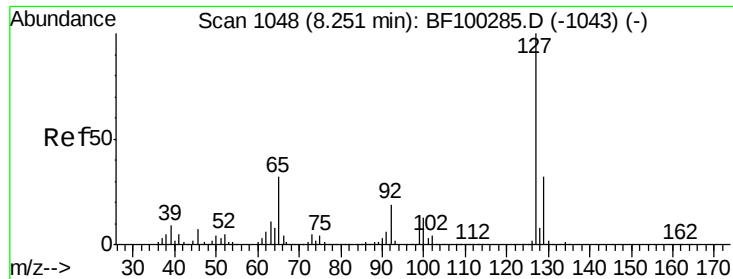


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

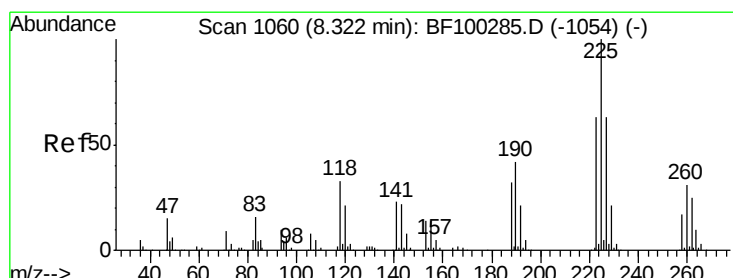
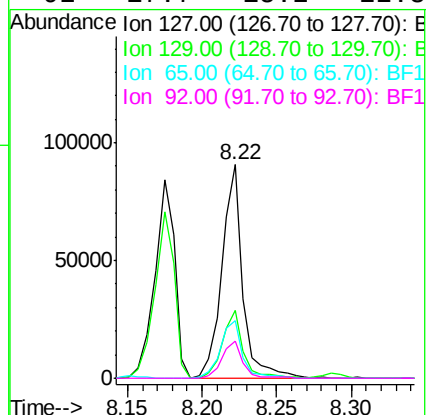
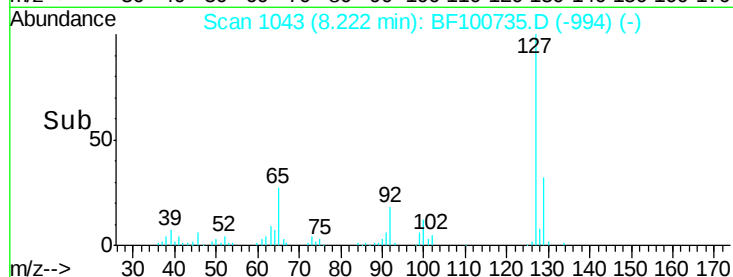
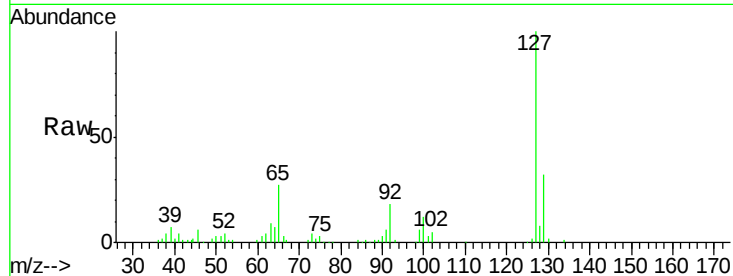




#33
4-Chloroaniline
Concen: 12.36 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

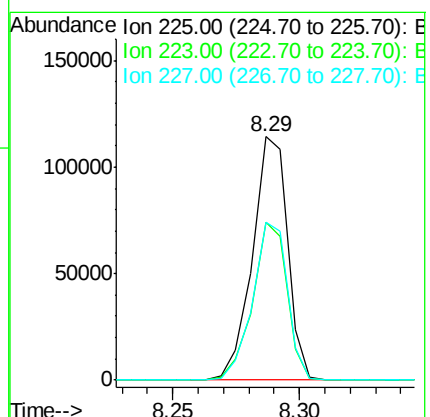
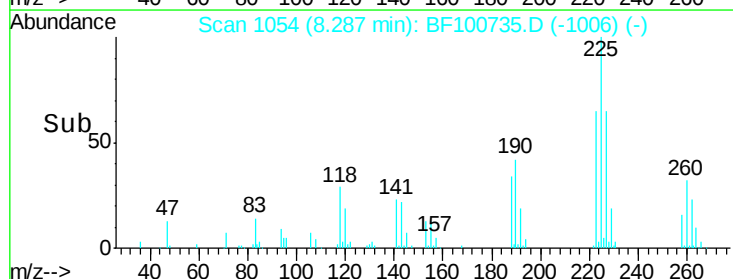
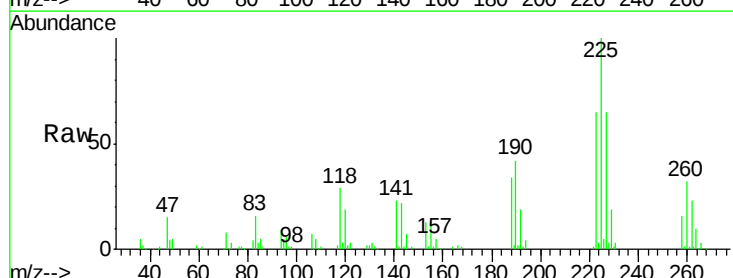
Instrument :
BNA_F
ClientSampleId :
PB104390BS

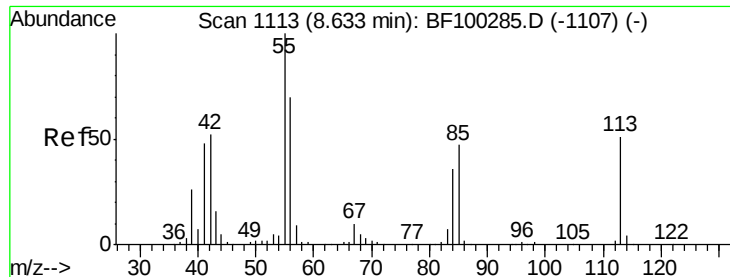
Tgt Ion:	127	Resp:	89070
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	27.1	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.24 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:	225	Resp:	110821
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	64.6	51.9	77.9

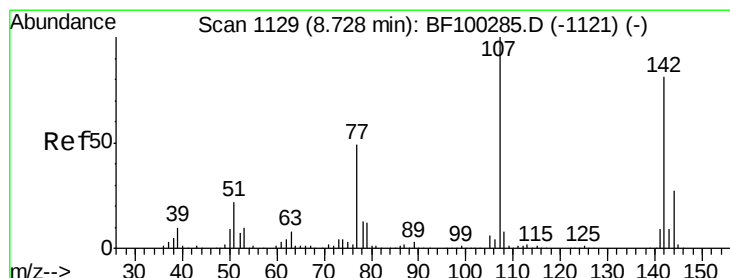
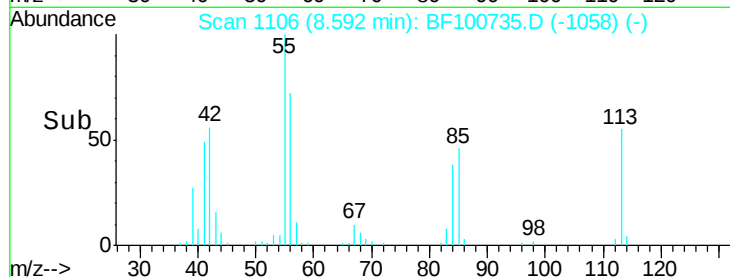
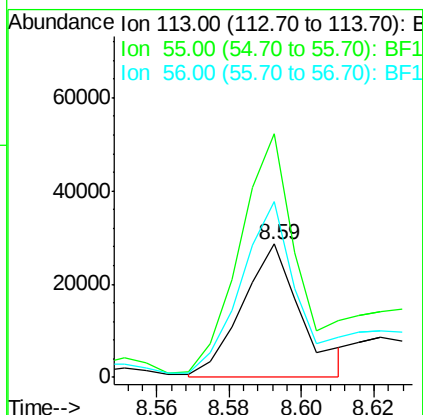
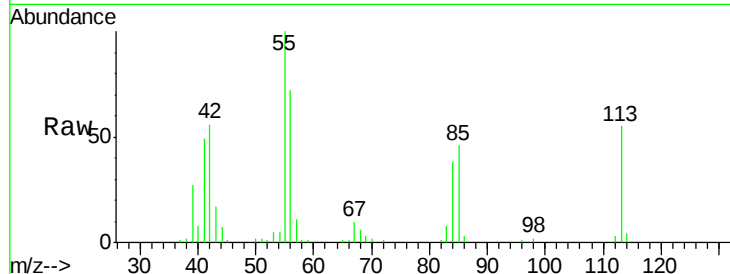




#35
 Caprolactam
 Concen: 19.28 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

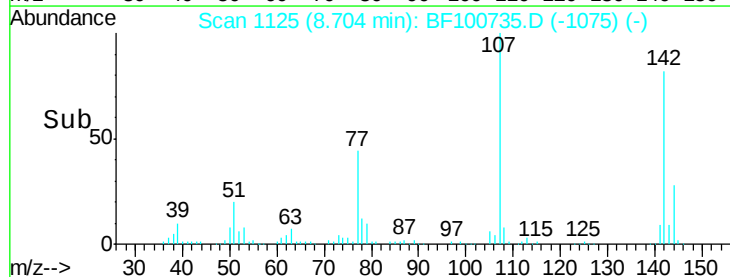
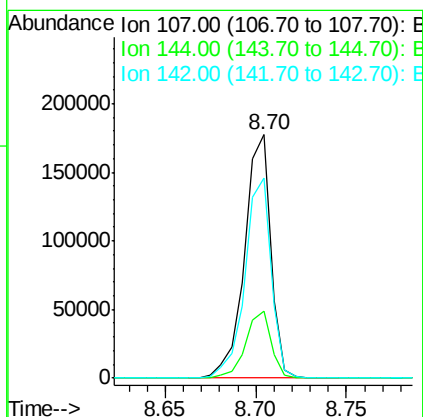
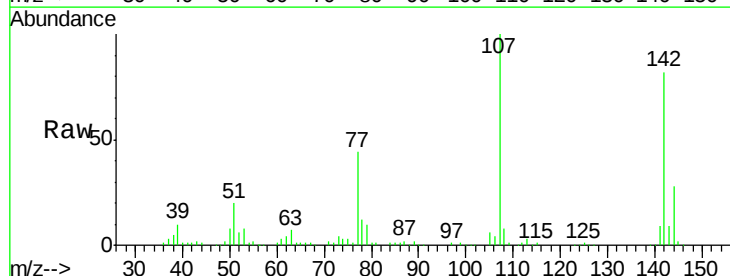
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

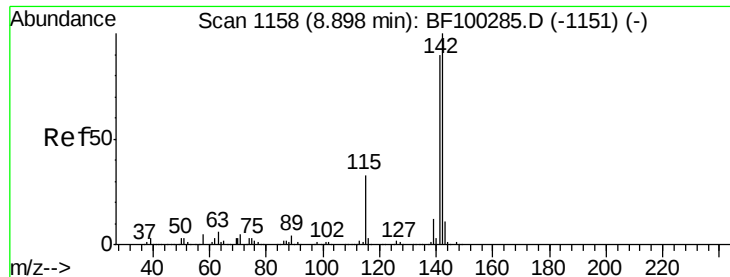
Tgt Ion:113 Resp: 32351
 Ion Ratio Lower Upper
 113 100
 55 183.1 163.3 203.3
 56 132.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.05 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:107 Resp: 178803
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 82.2 62.0 93.0

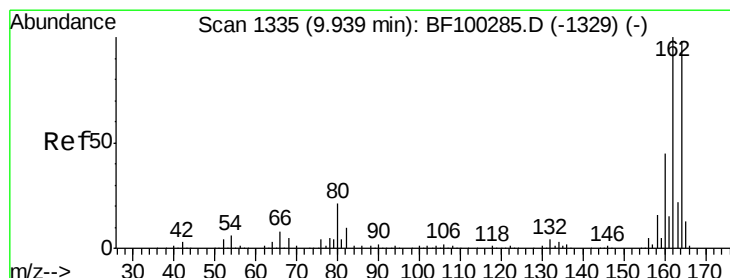
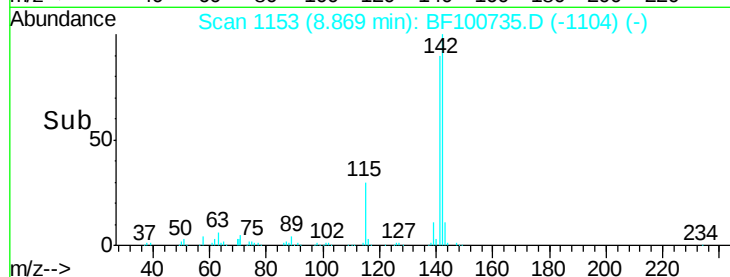
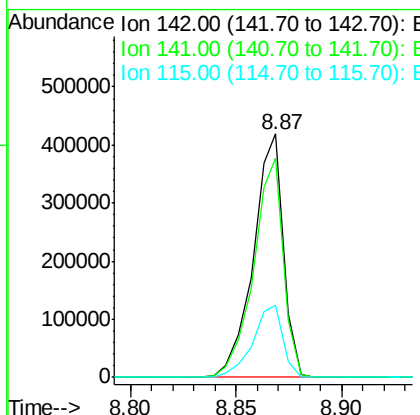
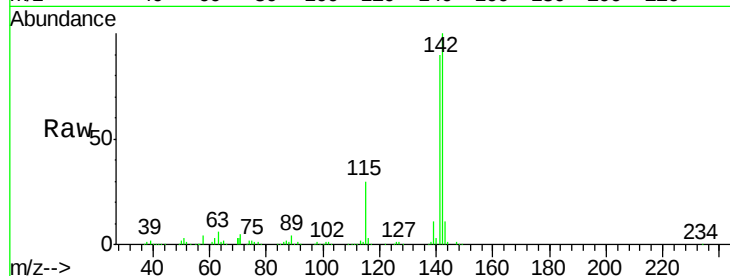




#37
 2-Methylnaphthalene
 Concen: 35.90 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

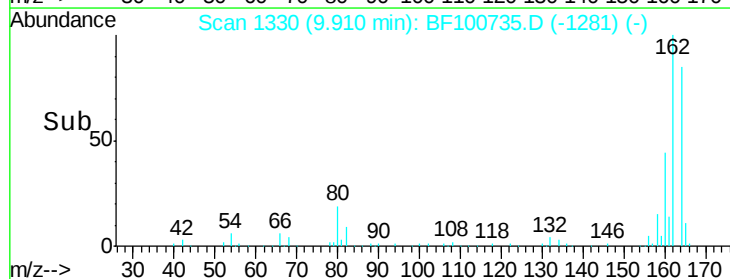
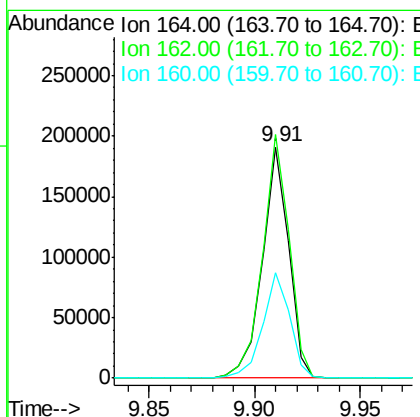
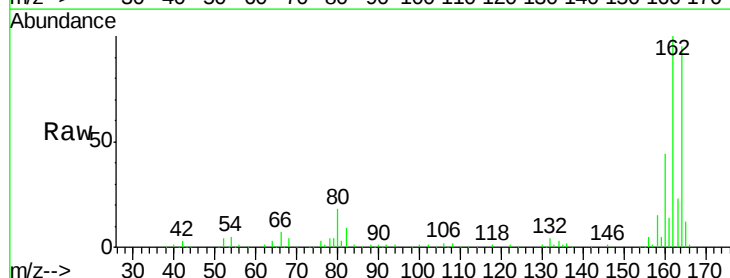
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

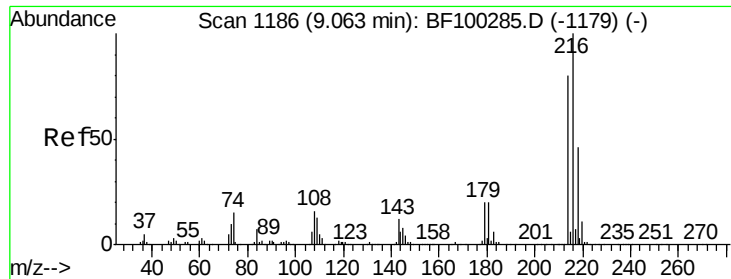
Tgt Ion:142 Resp: 412562
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 29.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:164 Resp: 166115
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 45.8 38.3 57.5

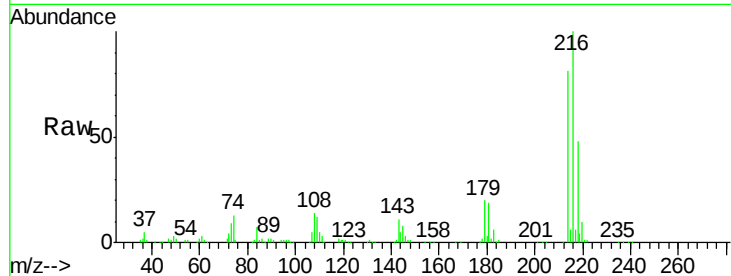




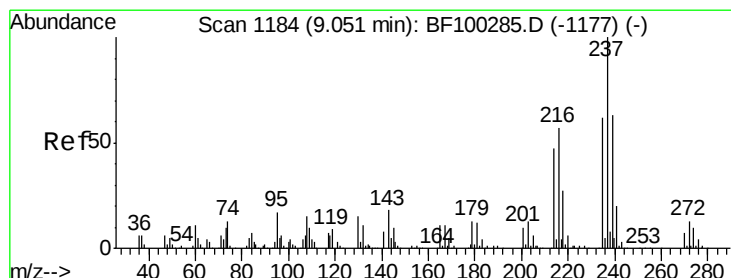
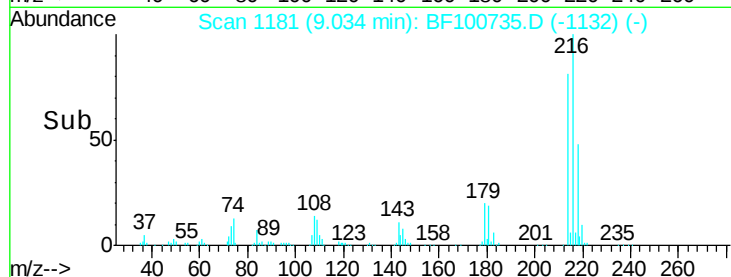
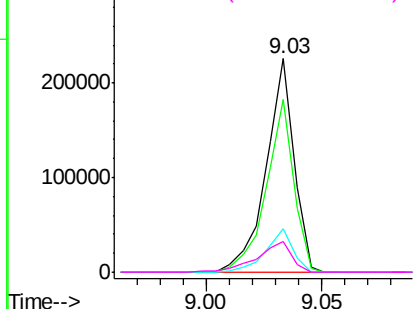
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.40 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion:	216	Resp:	189523
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.8	18.1	27.1
108	17.9	17.2	25.8

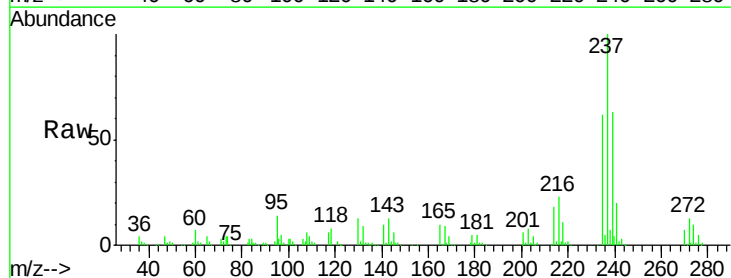


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

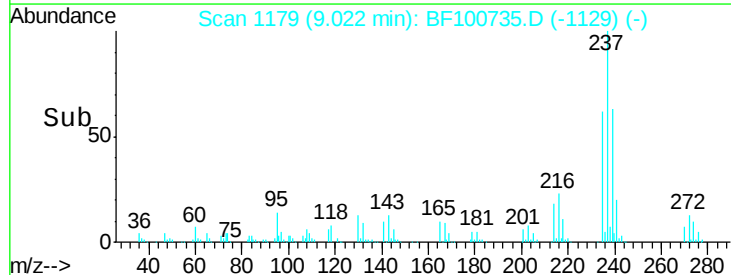
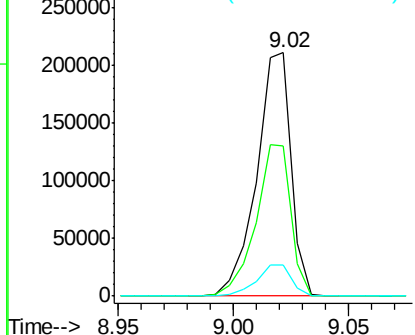


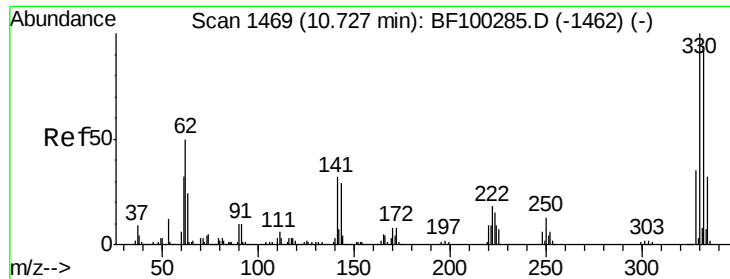
#40
 Hexachlorocyclopentadiene
 Concen: 84.85 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:	237	Resp:	220004
Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	12.7	0.0	33.3



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

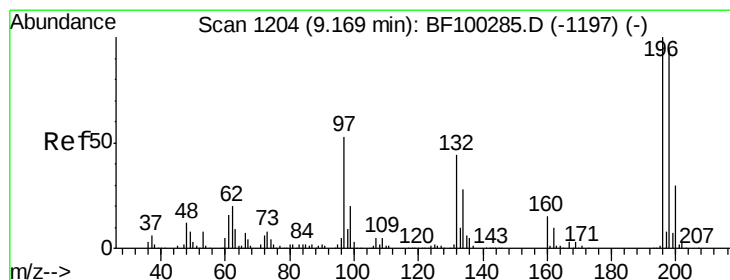
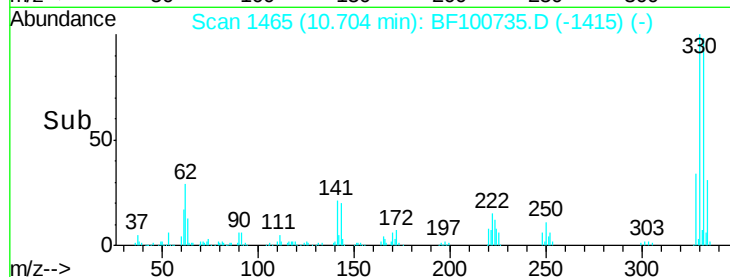
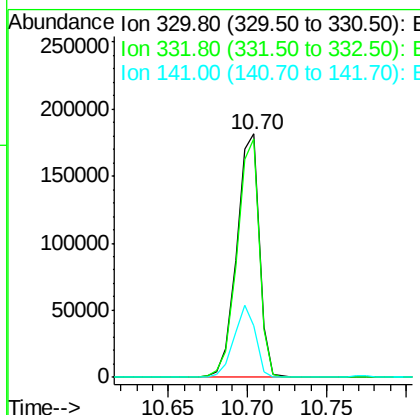
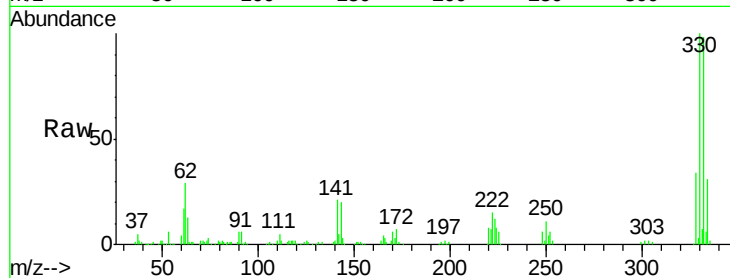




#41
 2,4,6-Tribromophenol
 Concen: 106.16 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

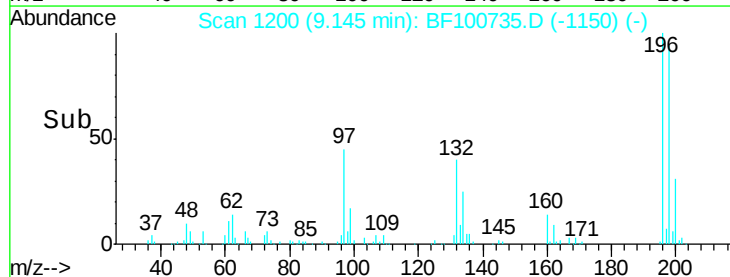
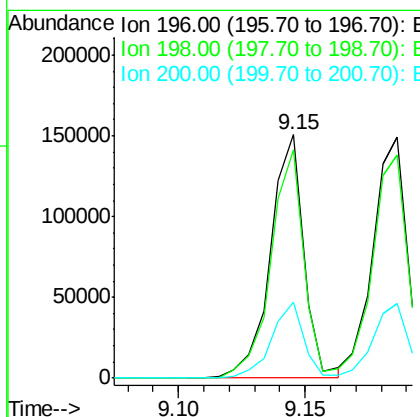
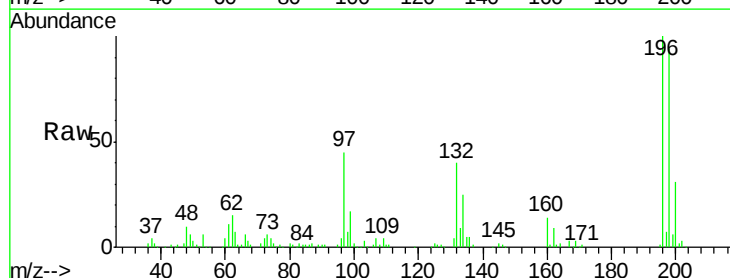
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

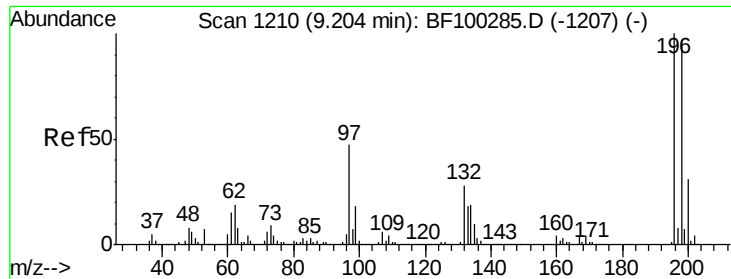
Tgt Ion:330 Resp: 179697
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.2 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:196 Resp: 138049
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 31.2 24.5 36.7

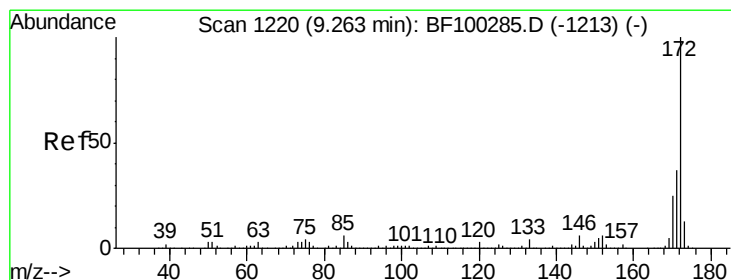
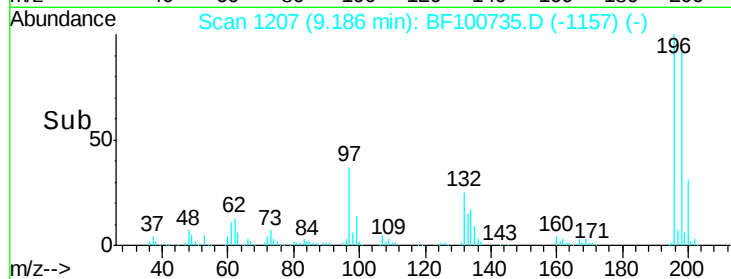
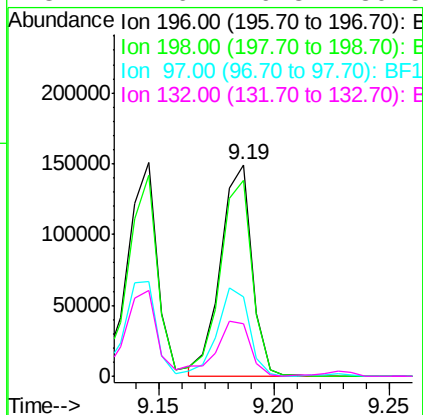
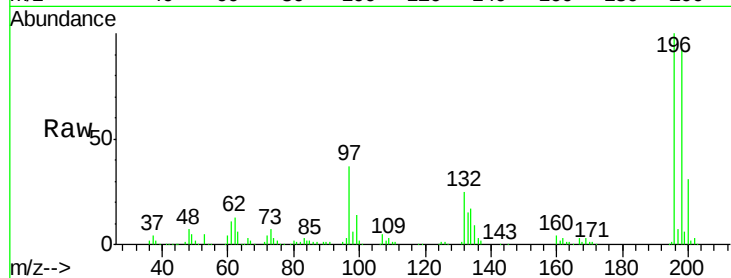




#43
 2,4,5-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

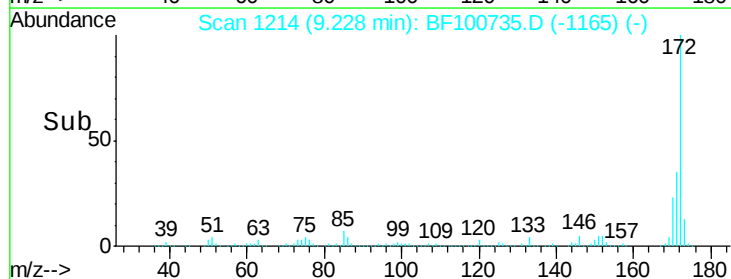
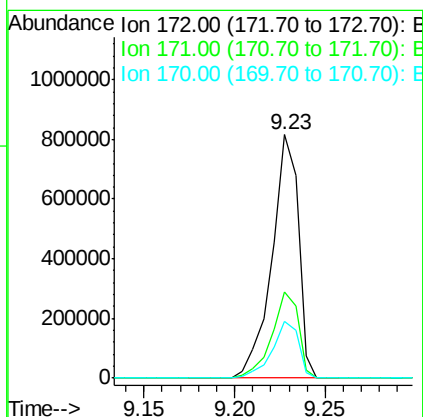
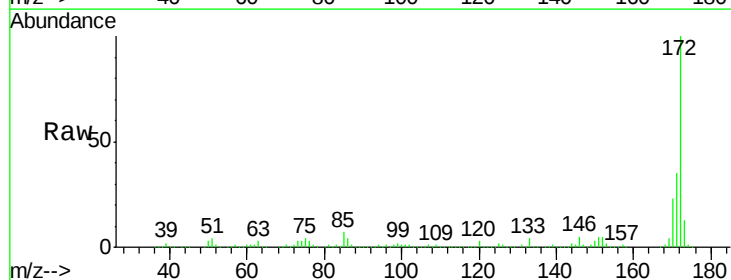
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

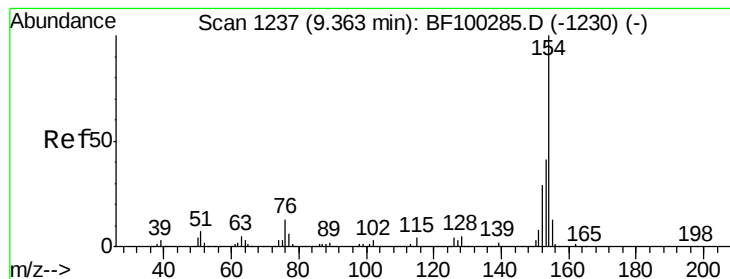
Tgt Ion:	196	Resp:	140753
Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.6	112.0
97	37.3	42.9	64.3#
132	24.6	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 75.95 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:	172	Resp:	828599
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 34.59 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

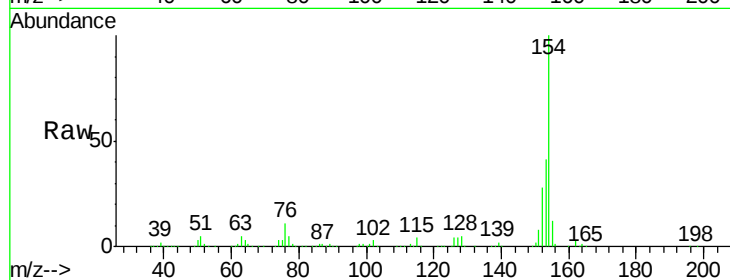
Tgt Ion:154 Resp: 496947

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

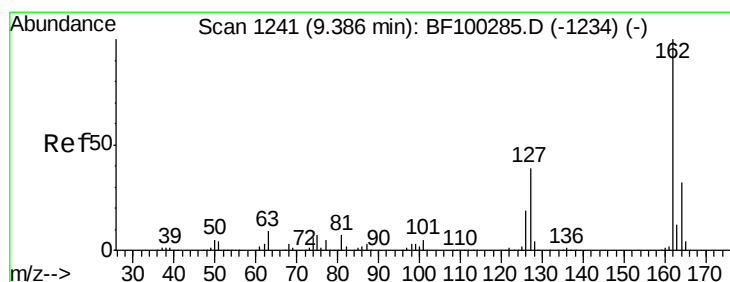
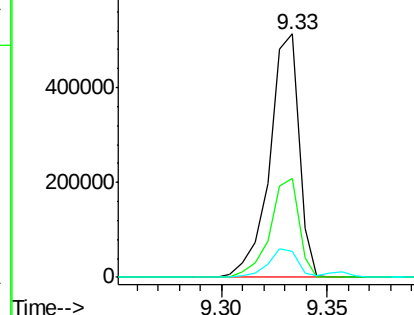
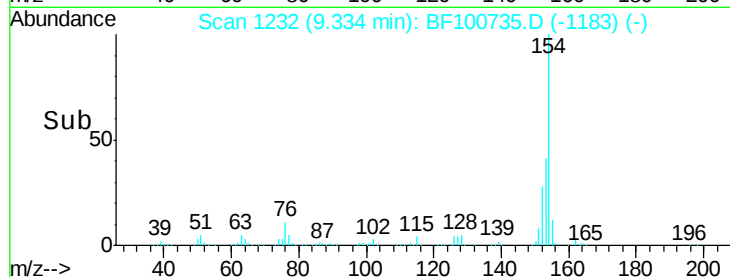
76 10.5 0.0 34.0



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: 36.89 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

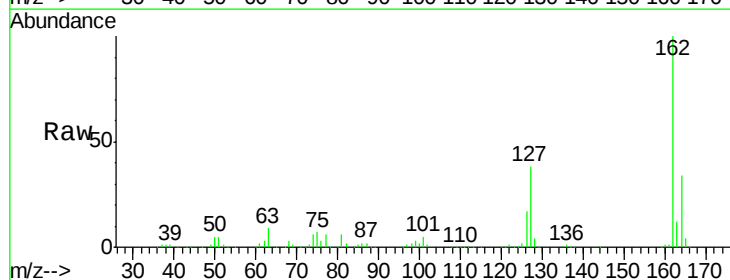
Tgt Ion:162 Resp: 384511

Ion Ratio Lower Upper

162 100

127 38.0 33.9 50.9

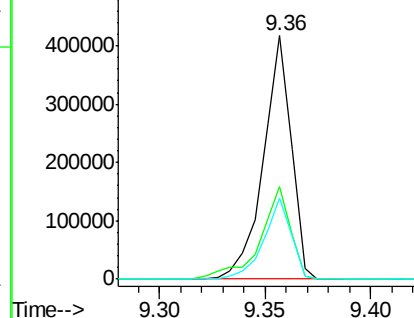
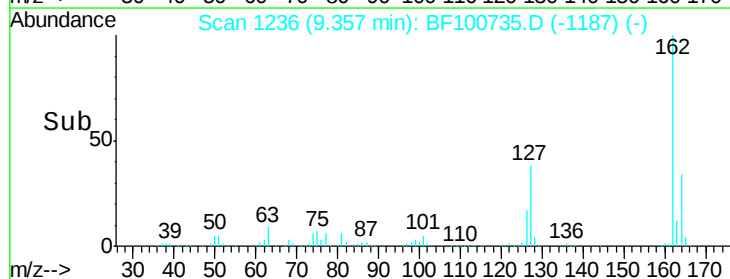
164 33.5 26.5 39.7

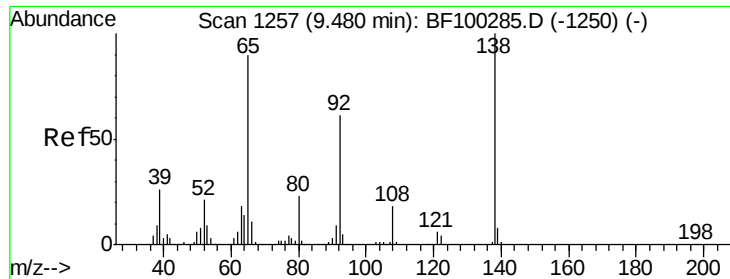


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.17 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

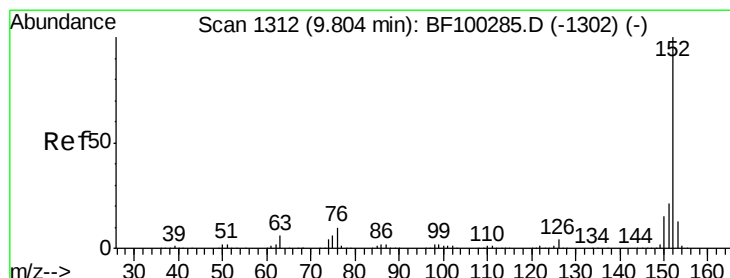
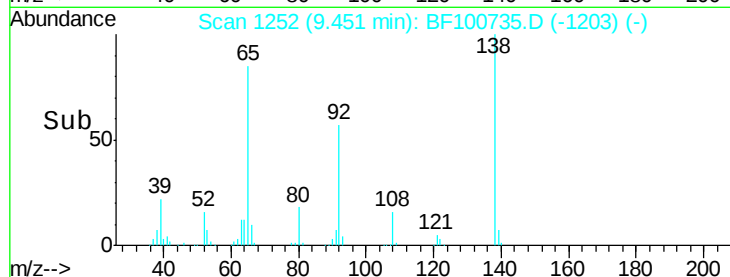
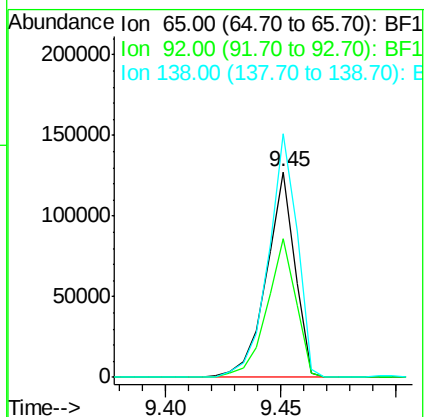
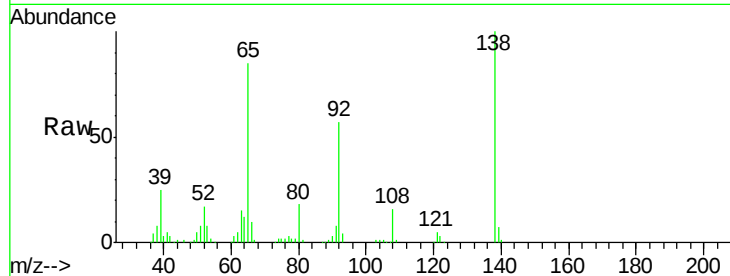
Tgt Ion: 65 Resp: 109141

Ion Ratio Lower Upper

65 100

92 67.4 55.8 83.6

138 118.3 91.2 136.8



#48

Acenaphthylene

Concen: 34.20 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

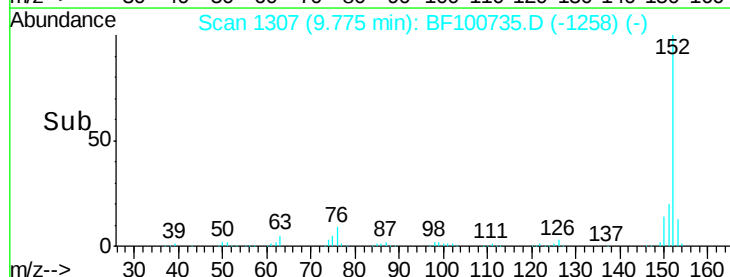
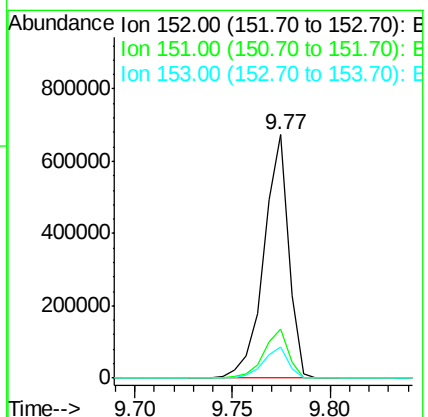
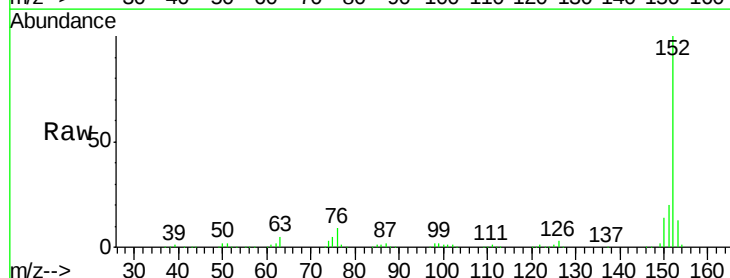
Tgt Ion: 152 Resp: 590719

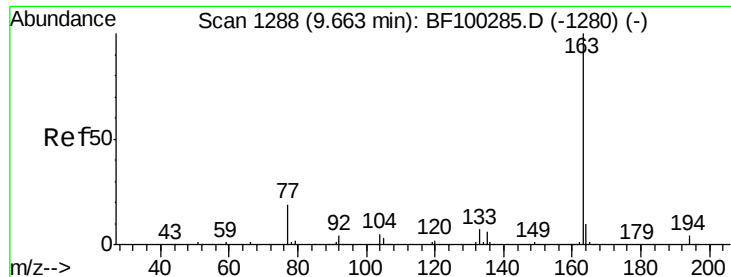
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 12.8 10.7 16.1

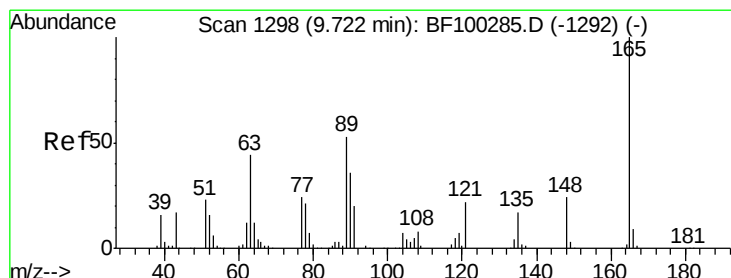
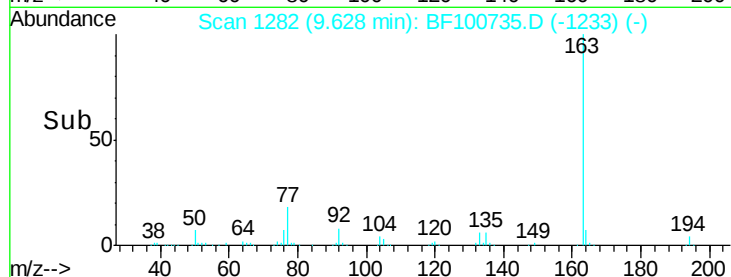
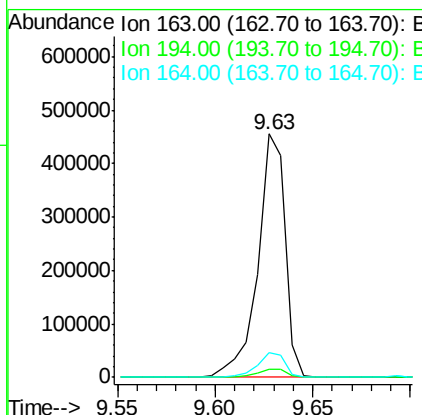
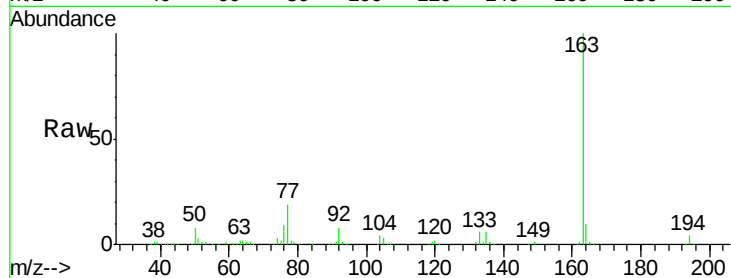




#49
Dimethylphthalate
Concen: 34.70 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

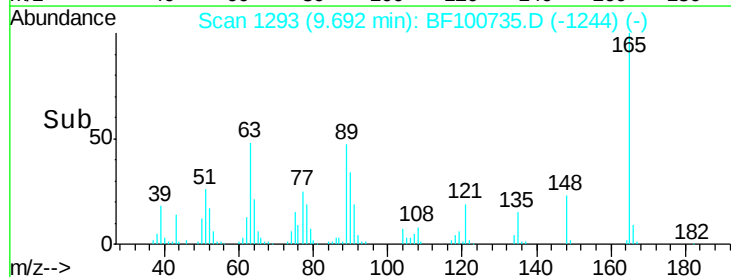
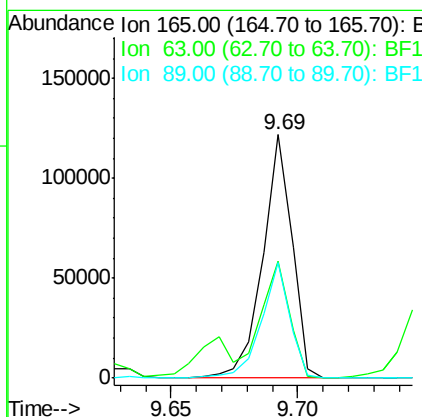
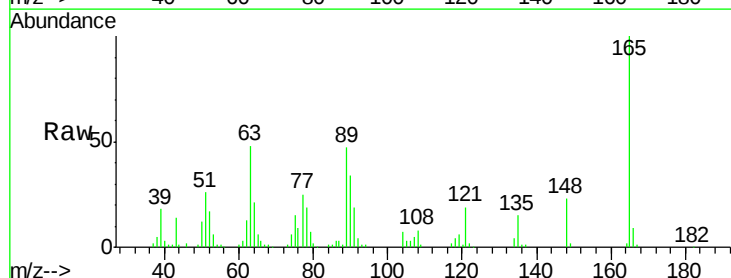
Instrument :
BNA_F
ClientSampleId :
PB104390BS

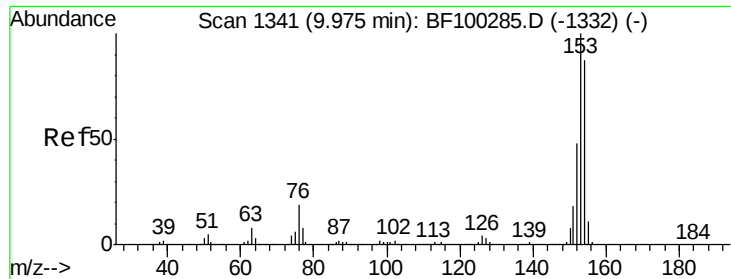
Tgt Ion:163 Resp: 440072
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 39.45 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:165 Resp: 99050
Ion Ratio Lower Upper
165 100
63 48.2 44.7 67.1
89 47.3 44.0 66.0





#51

Acenaphthene

Concen: 33.87 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

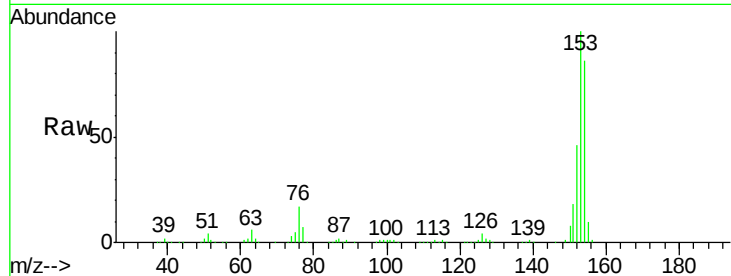
Tgt Ion:154 Resp: 355812

Ion Ratio Lower Upper

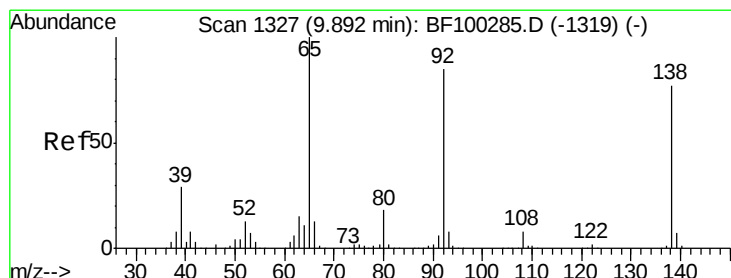
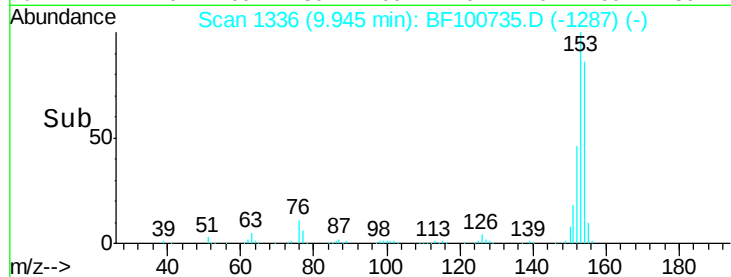
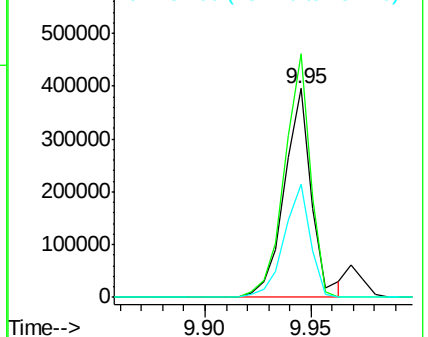
154 100

153 116.7 91.2 136.8

152 54.3 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: 21.16 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

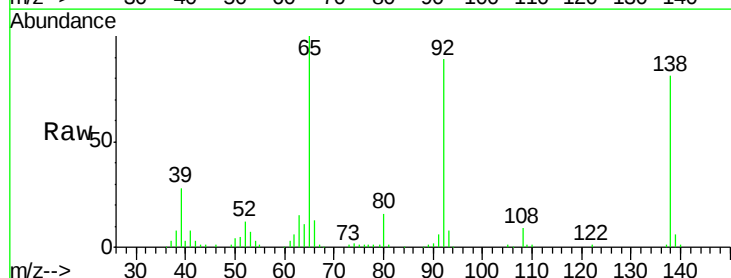
Tgt Ion:138 Resp: 62720

Ion Ratio Lower Upper

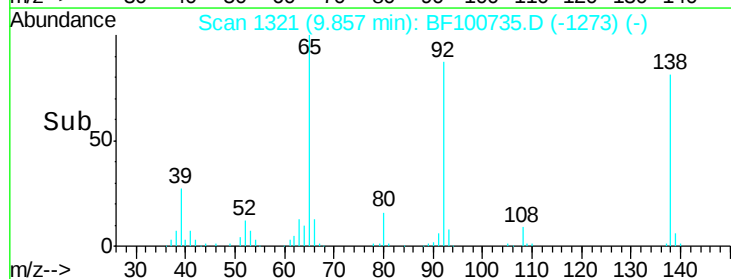
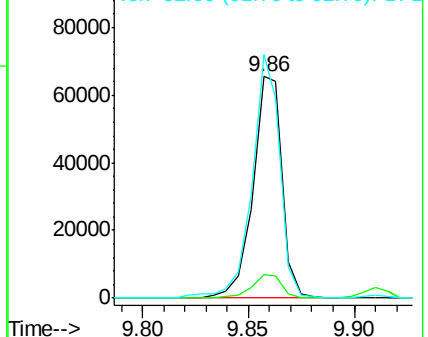
138 100

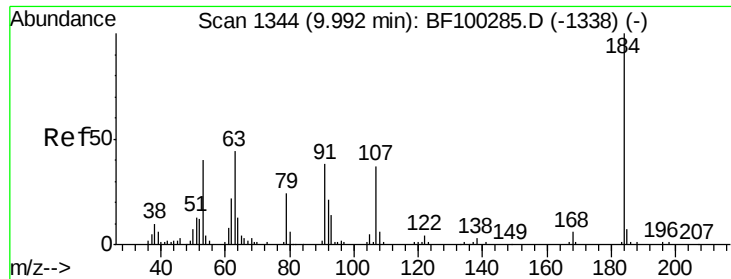
108 10.8 9.4 14.0

92 110.0 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

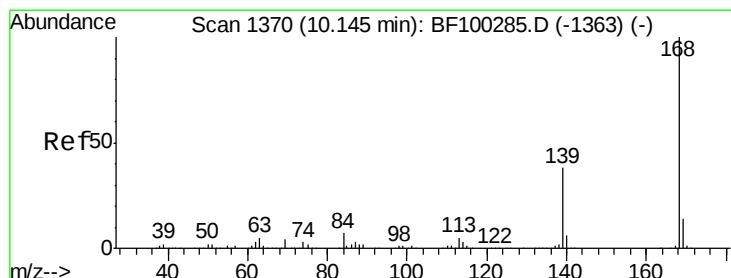
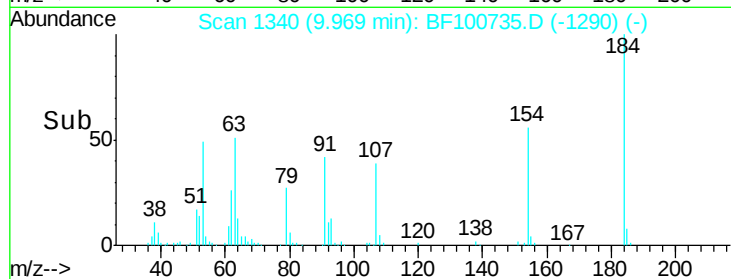
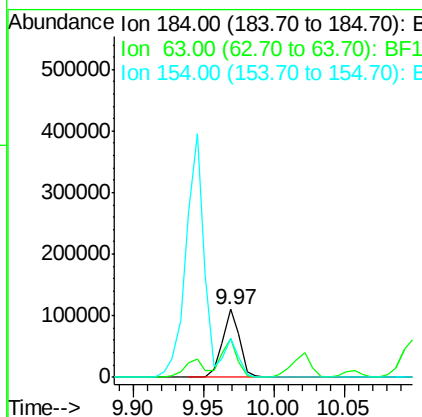
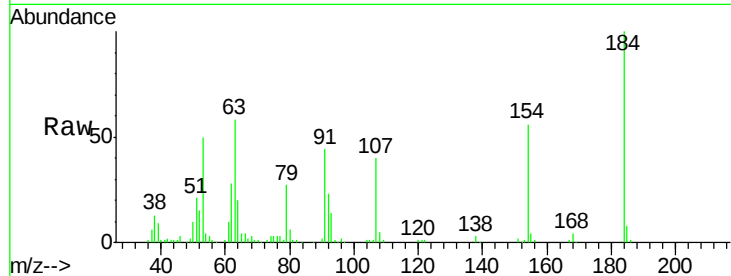




#53
 2,4-Dinitrophenol
 Concen: 83.89 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

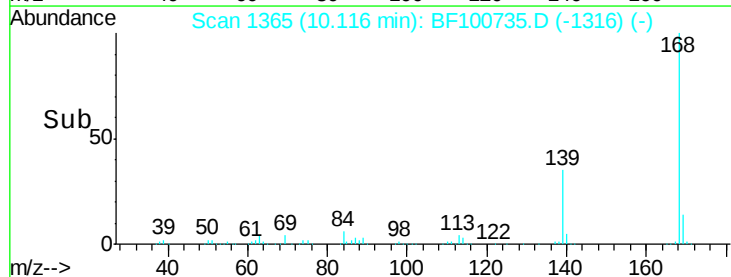
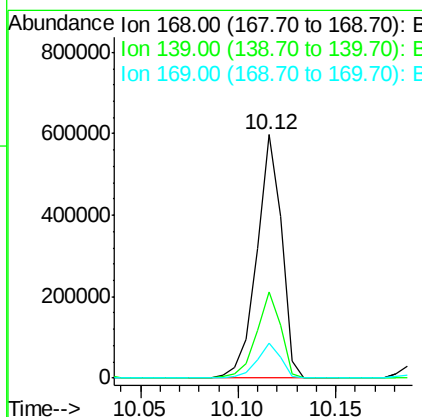
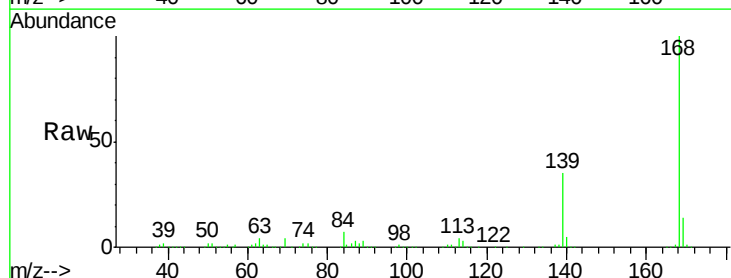
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

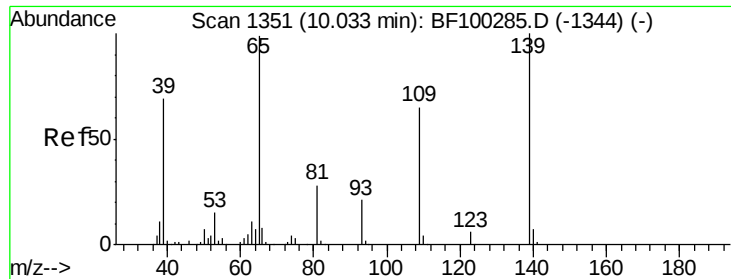
Tgt Ion:184 Resp: 94522
 Ion Ratio Lower Upper
 184 100
 63 58.0 54.2 81.2
 154 56.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.67 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:168 Resp: 525251
 Ion Ratio Lower Upper
 168 100
 139 35.3 30.1 45.1
 169 14.3 10.9 16.3

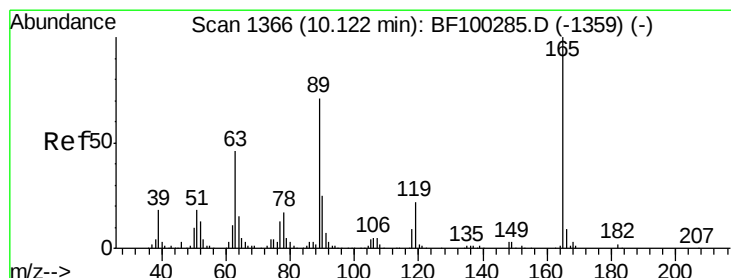
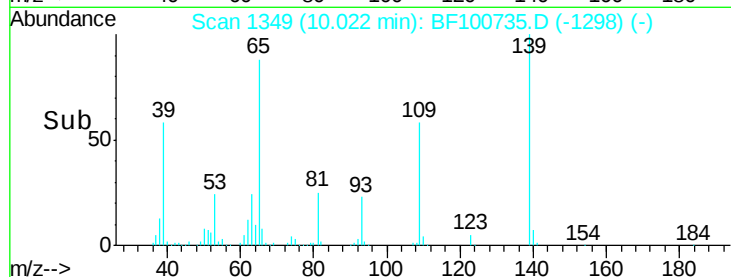
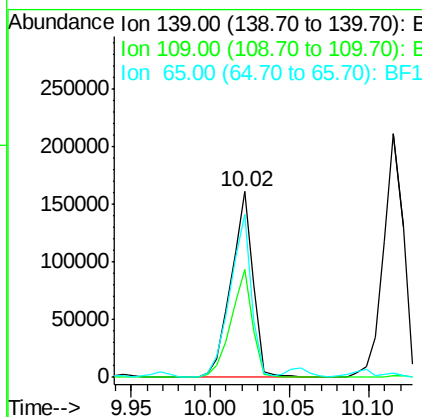
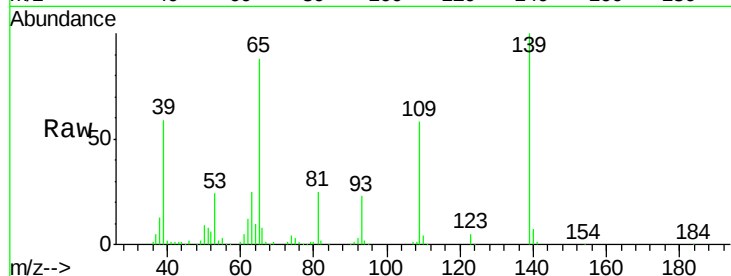




#55
4-Nitrophenol
Concen: 64.74 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

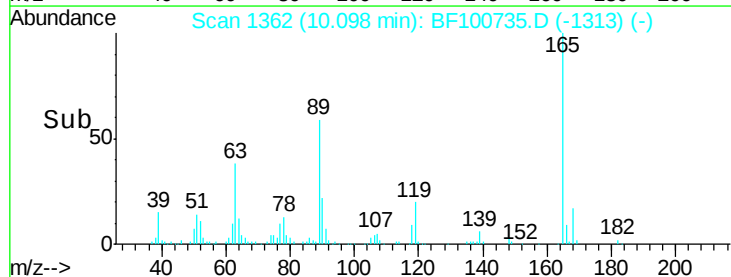
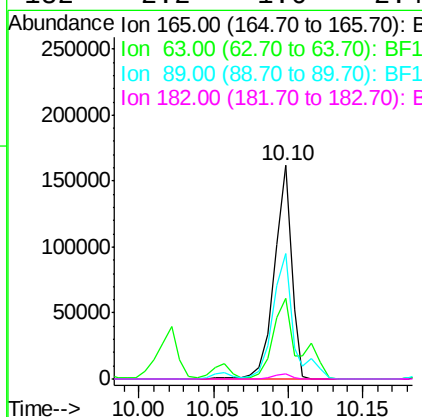
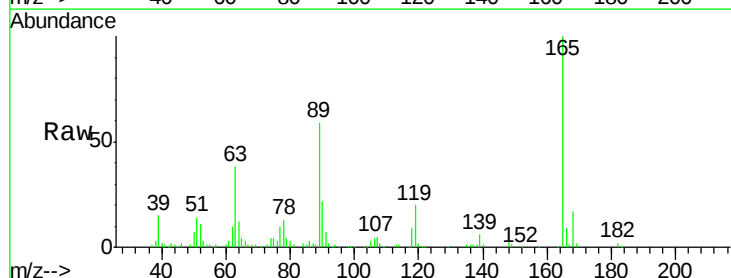
Instrument :
BNA_F
ClientSampleId :
PB104390BS

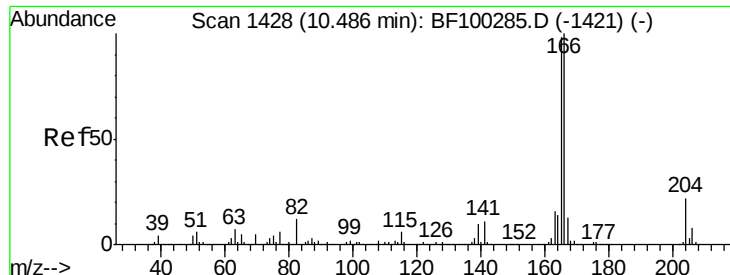
Tgt Ion:139 Resp: 155839
Ion Ratio Lower Upper
139 100
109 58.3 48.4 88.4
65 87.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.90 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:165 Resp: 129534
Ion Ratio Lower Upper
165 100
63 38.0 36.4 54.6
89 58.6 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.26 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

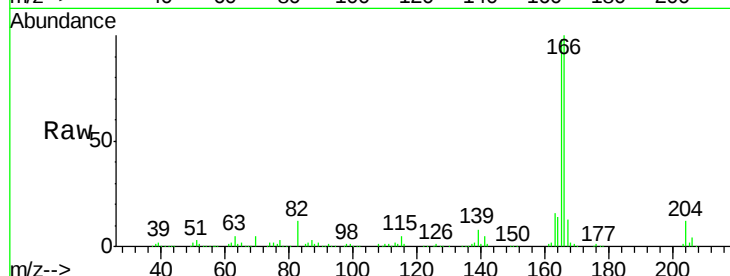
Tgt Ion:166 Resp: 401848

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

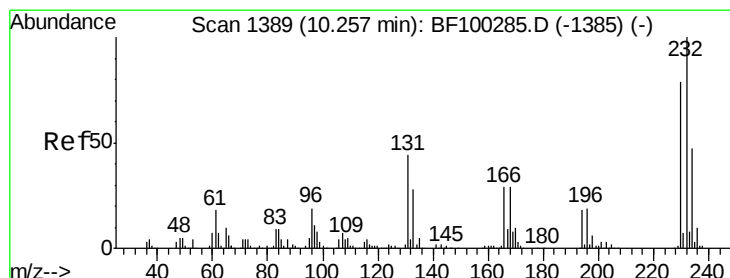
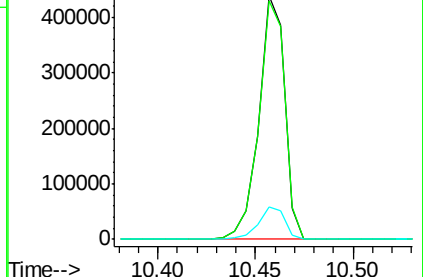
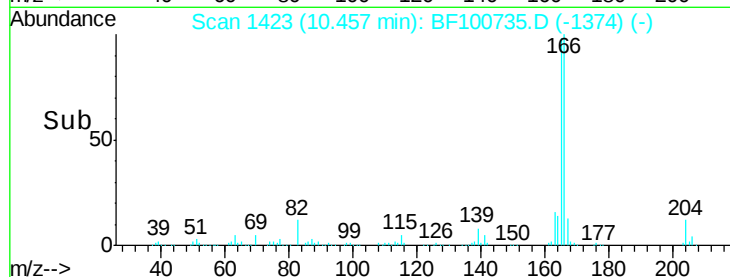
167 13.2 10.6 16.0



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: 38.58 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:232 Resp: 114376

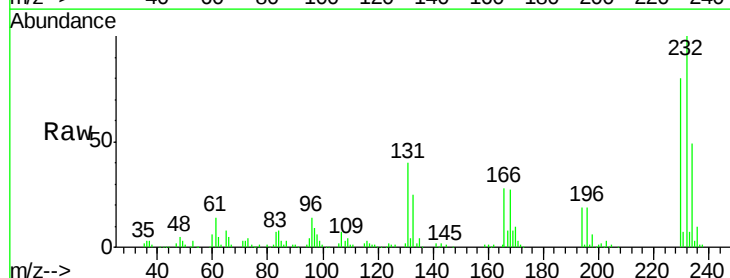
Ion Ratio Lower Upper

232 100

131 41.7 43.8 65.8#

130 1.7 2.1 3.1#

166 29.3 27.8 41.6

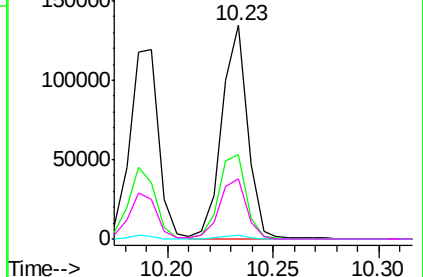
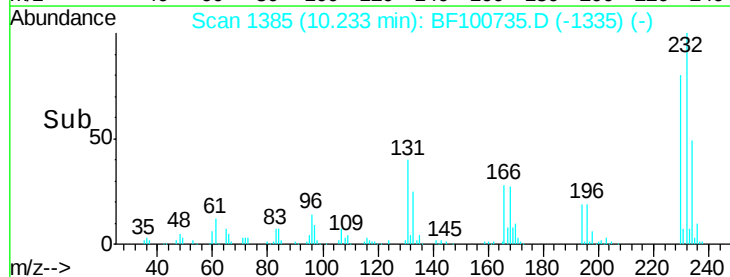


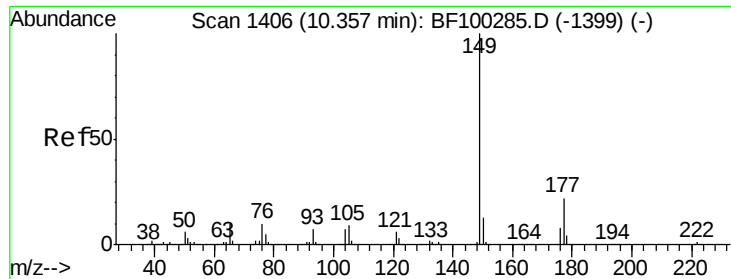
Abundance Ion 232.00 (231.70 to 232.70): E

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

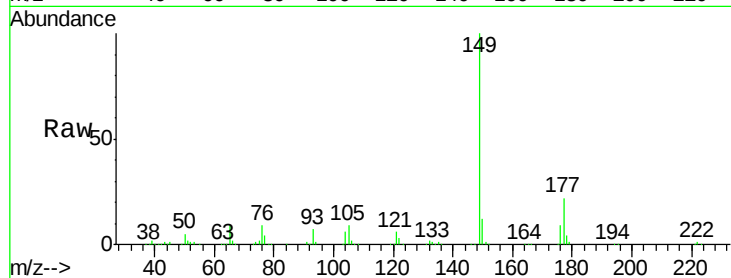




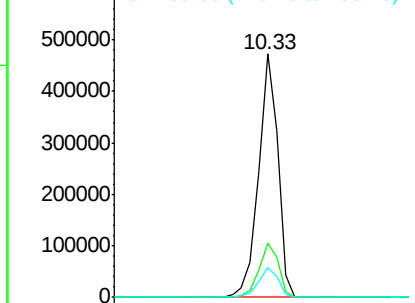
#59
Diethylphthalate
Concen: 32.89 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

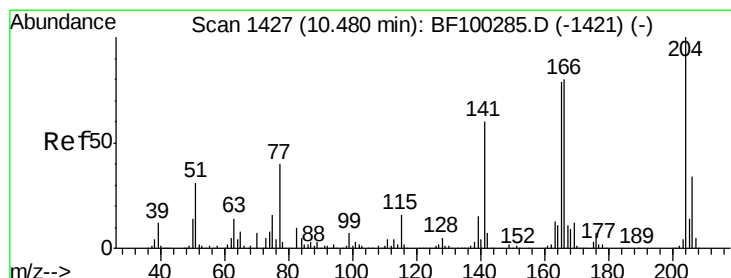
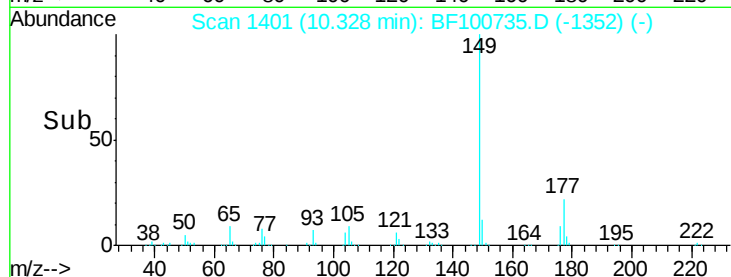
Tgt Ion:149 Resp: 417474
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.3 10.1 15.1



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

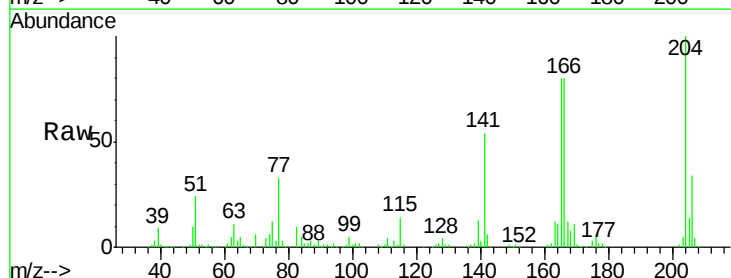


Time-->

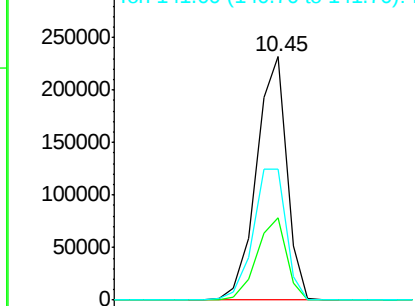


#60
4-Chlorophenyl-phenylether
Concen: 36.75 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

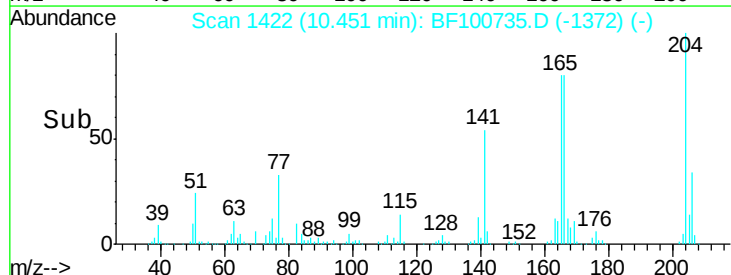
Tgt Ion:204 Resp: 194458
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 54.1 54.6 81.8#

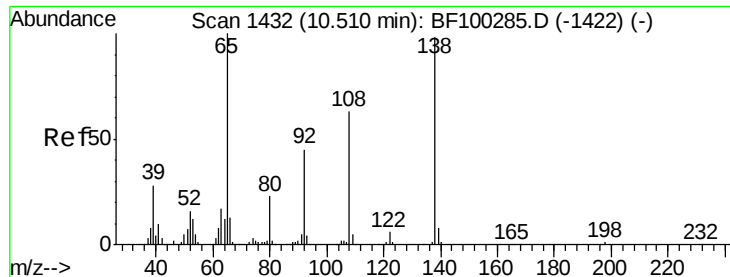


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

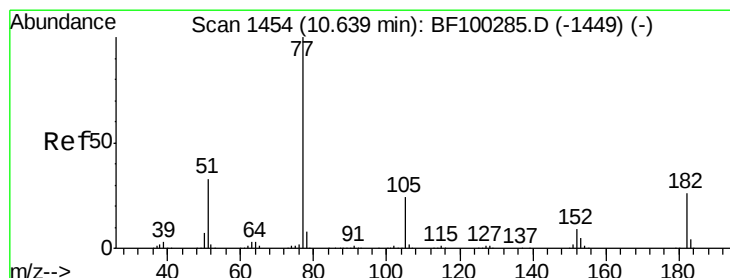
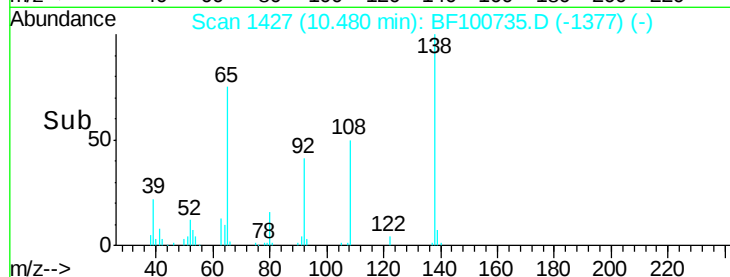
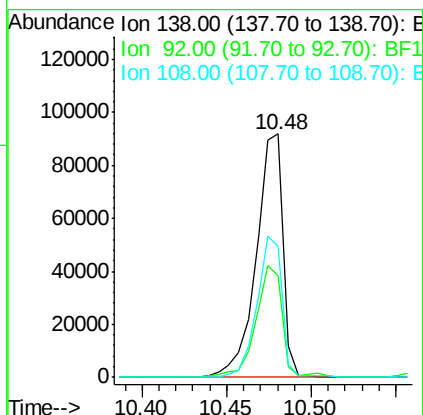
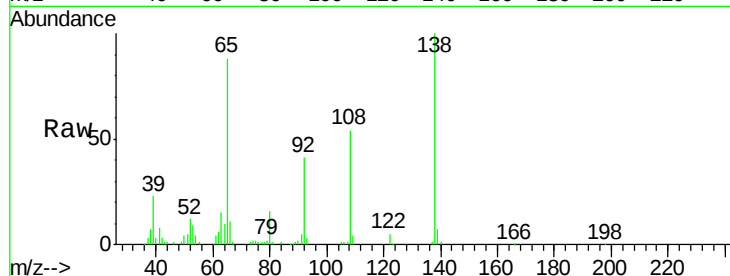




#61
4-Nitroaniline
Concen: 36.11 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

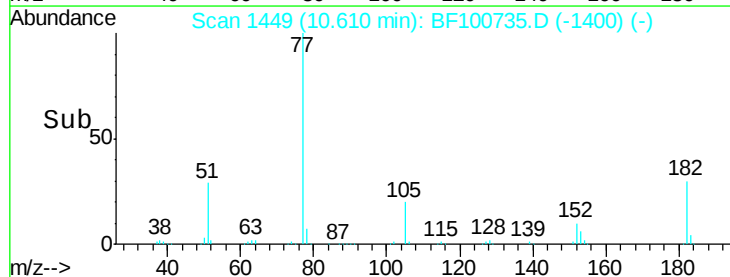
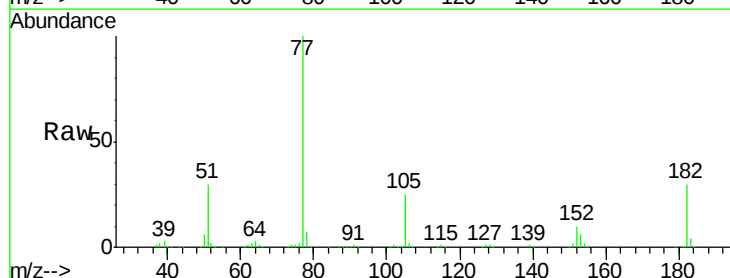
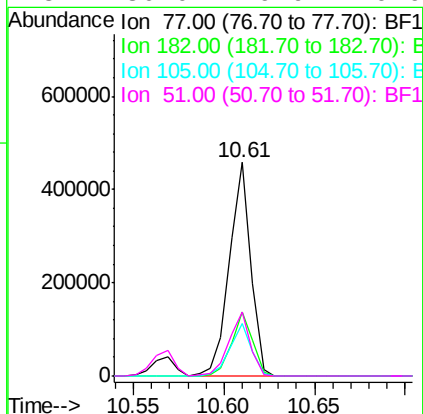
Instrument :
BNA_F
ClientSampleId :
PB104390BS

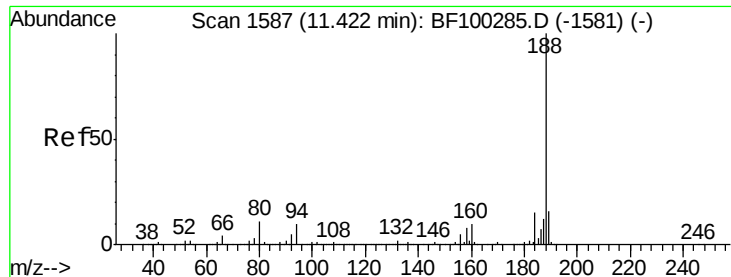
Tgt Ion: 138 Resp: 101498
Ion Ratio Lower Upper
138 100
92 41.5 30.2 70.2
108 53.6 52.5 92.5



#62
Azobenzene
Concen: 31.64 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion: 77 Resp: 378287
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 24.6 3.0 43.0
51 30.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

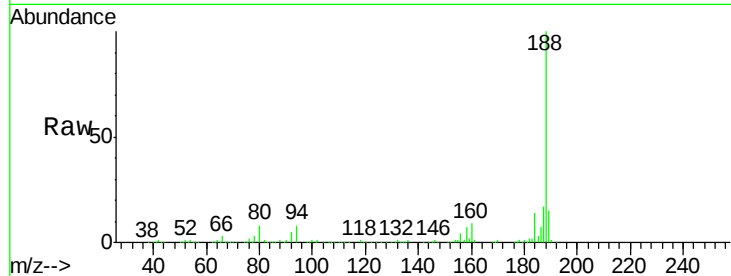
Tgt Ion:188 Resp: 321171

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

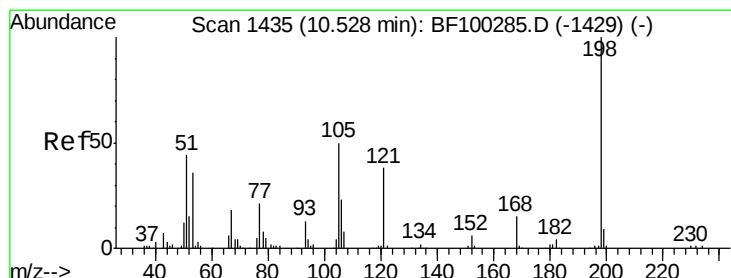
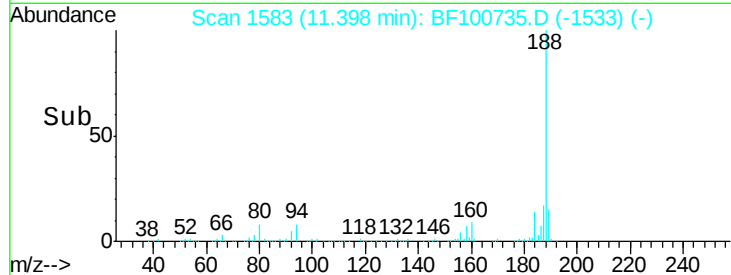
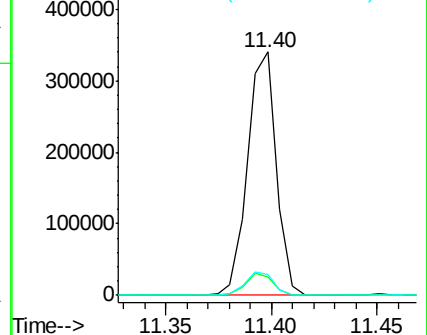
80 8.4 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 40.12 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

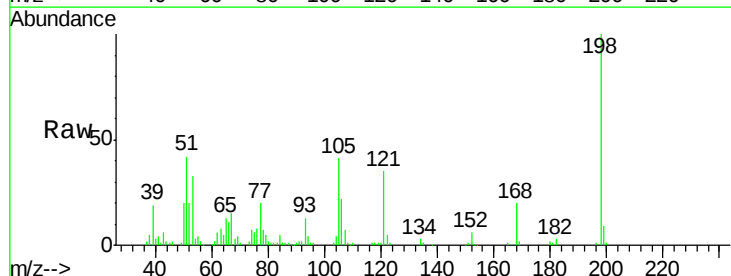
Tgt Ion:198 Resp: 62286

Ion Ratio Lower Upper

198 100

51 42.1 37.7 77.7

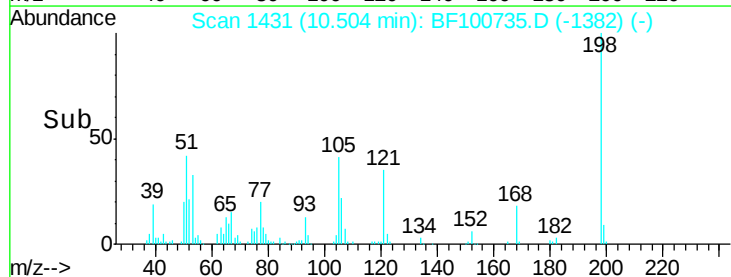
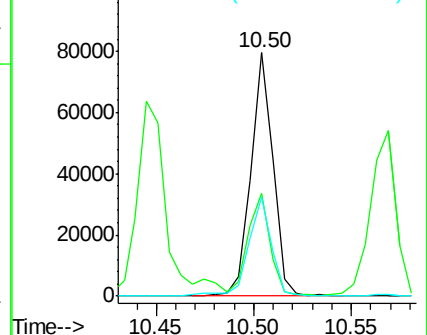
105 40.7 36.3 76.3

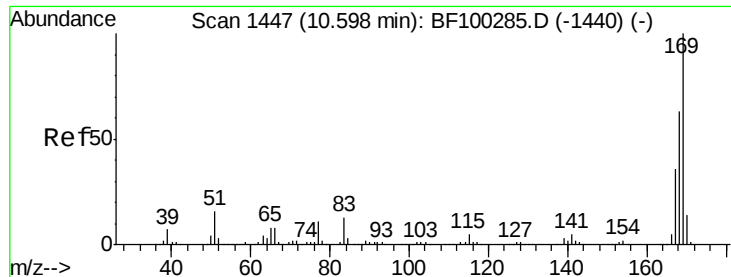


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

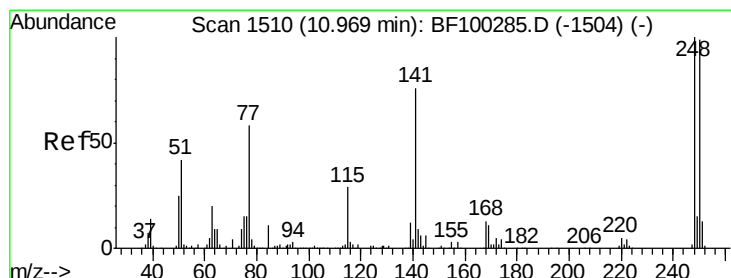
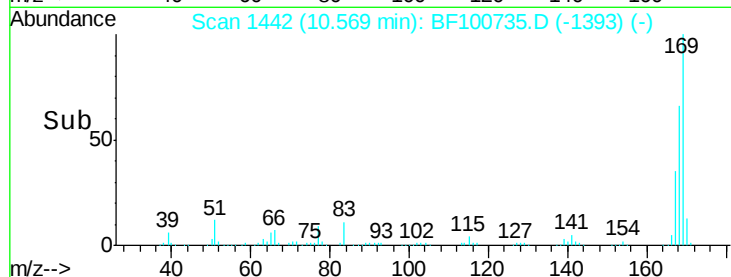
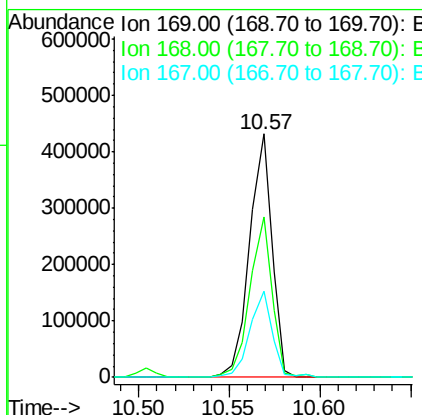
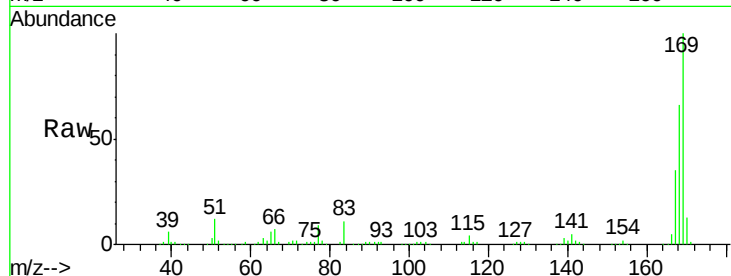




#65
 n-Nitrosodiphenylamine
 Concen: 33.35 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

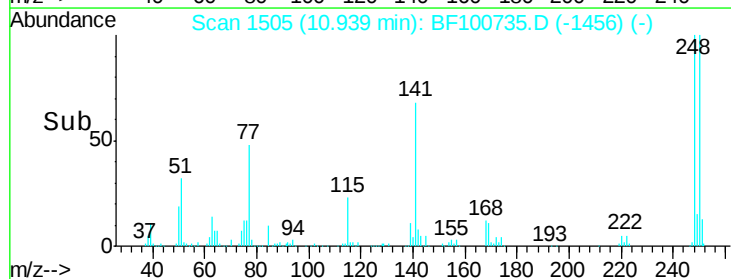
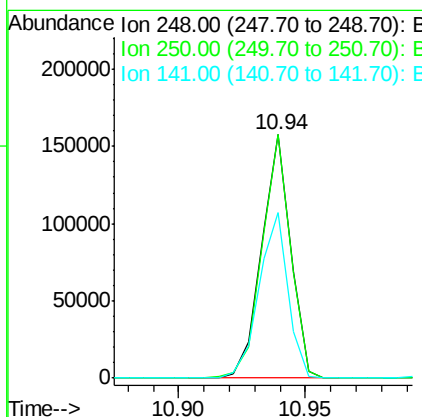
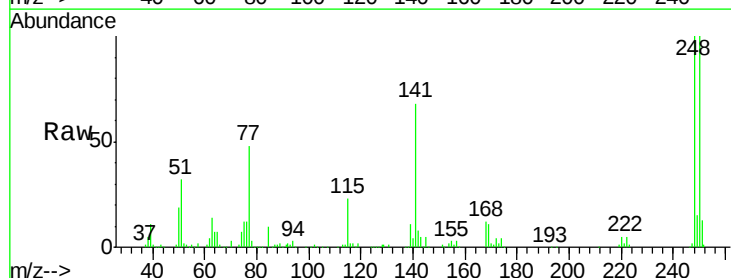
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

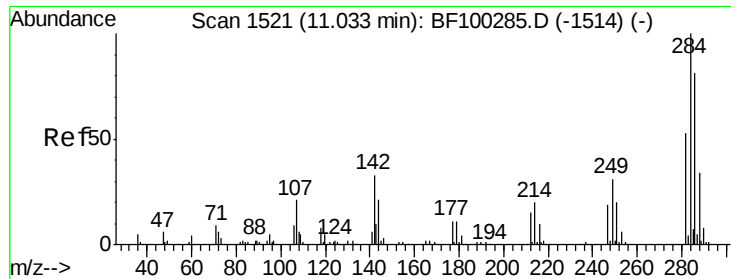
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.31 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.9	115.3
141	67.8	74.4	111.6#

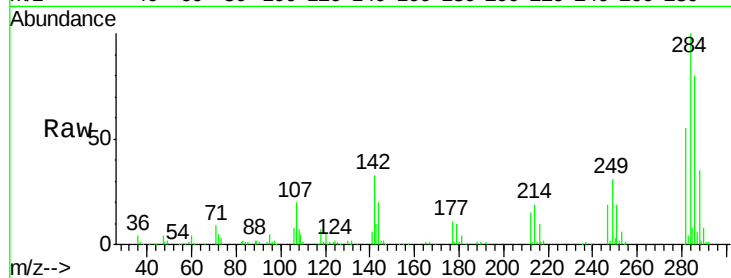




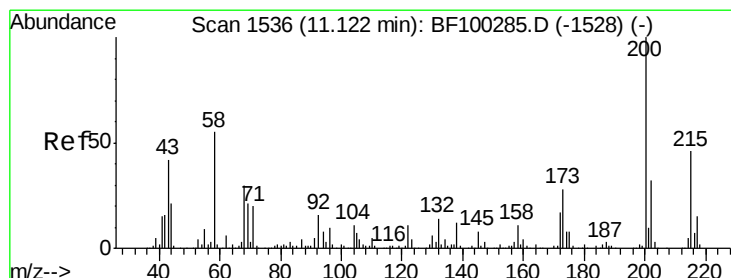
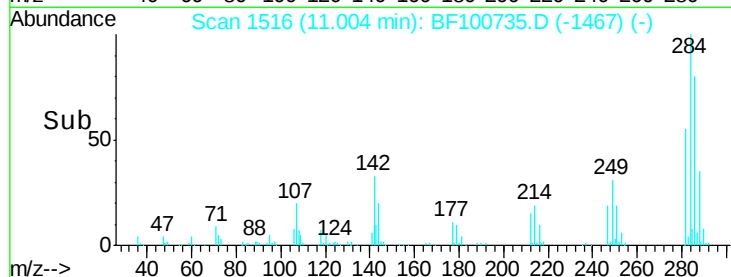
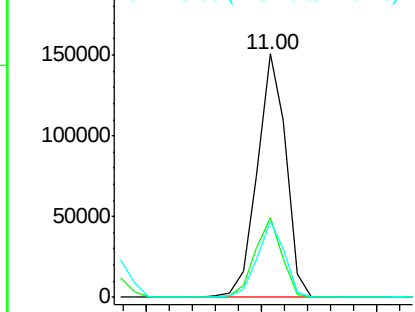
#67
Hexachlorobenzene
Concen: 36.15 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tgt Ion:284 Resp: 130166
Ion Ratio Lower Upper
284 100
142 32.5 34.6 52.0#
249 31.1 24.8 37.2

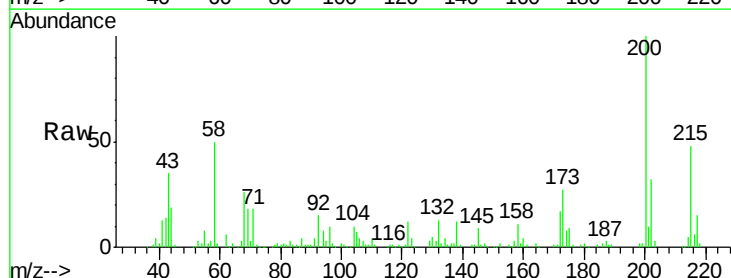


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

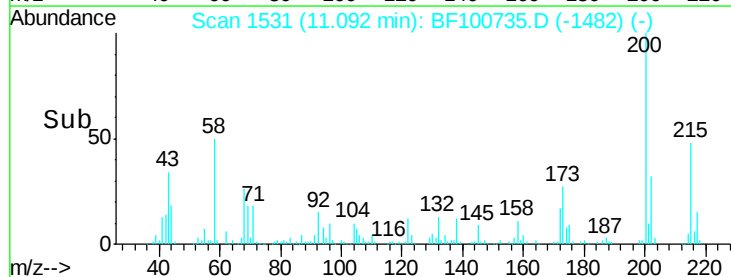
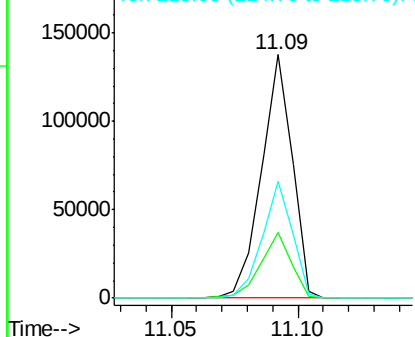


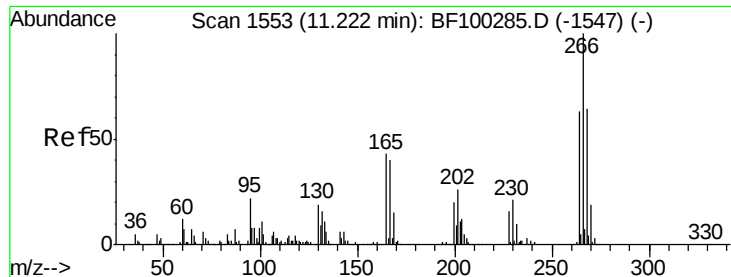
#68
Atrazine
Concen: 34.35 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:200 Resp: 116129
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 48.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

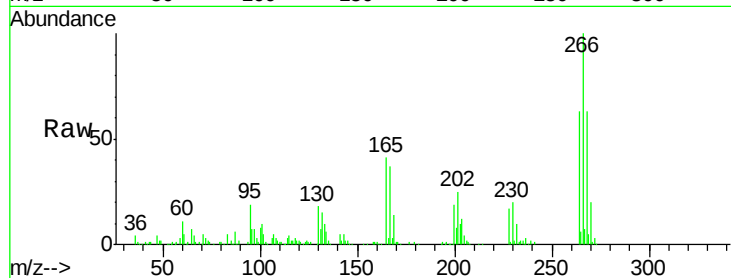




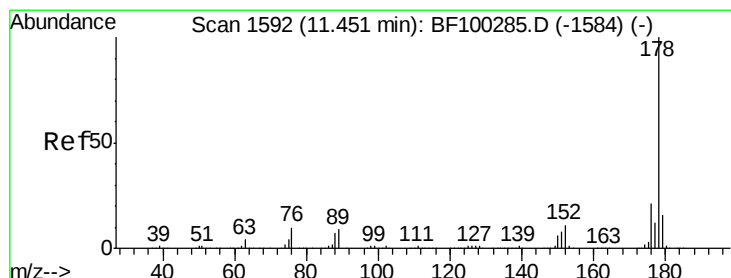
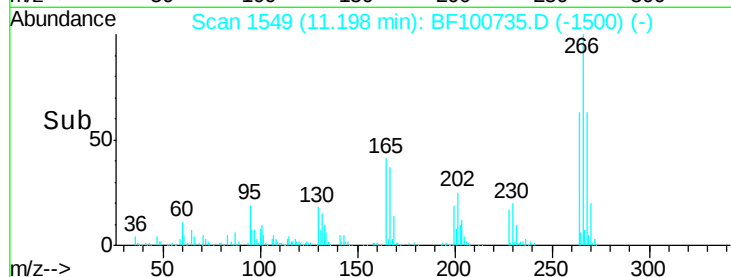
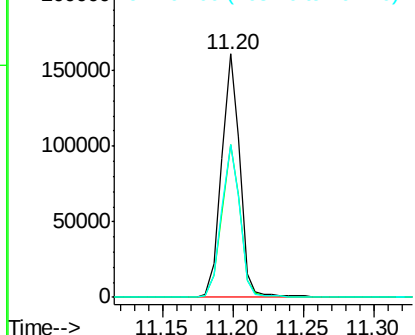
#69
 Pentachlorophenol
 Concen: 56.18 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion: 266 Resp: 145070
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 62.9 49.5 74.3

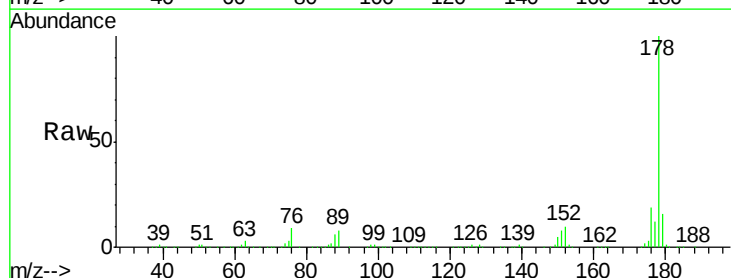


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

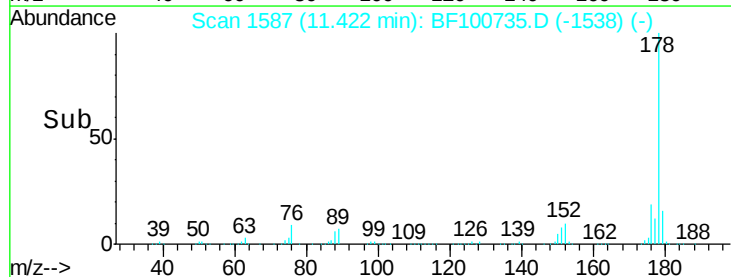
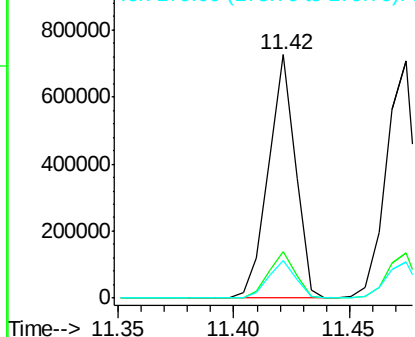


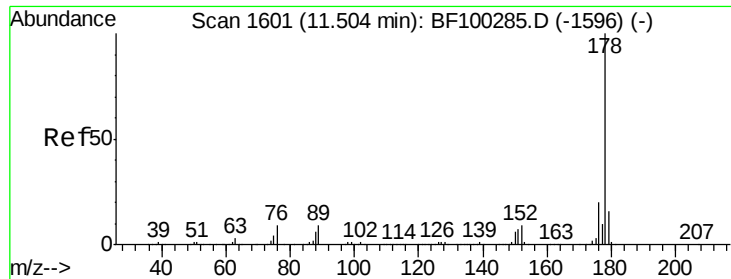
#70
 Phenanthrene
 Concen: 35.07 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion: 178 Resp: 592971
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 13.0 19.6



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

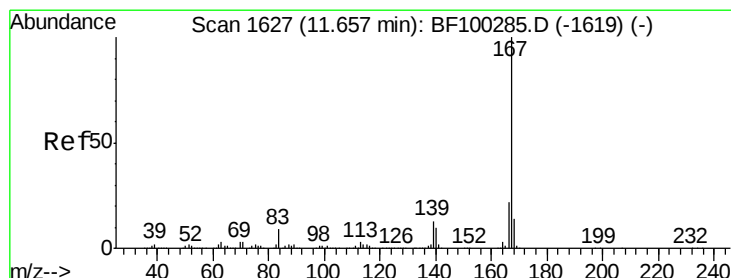
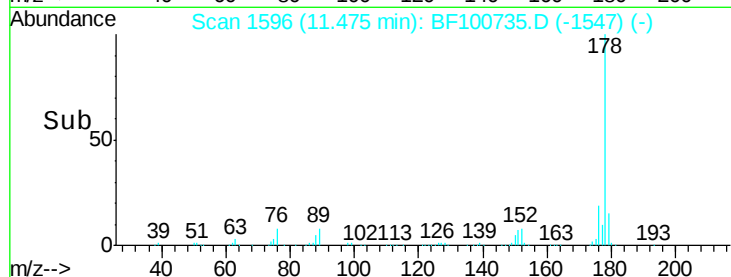
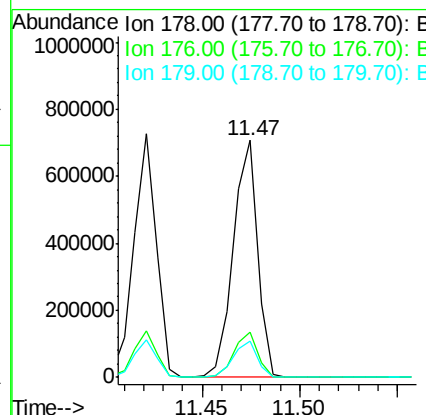
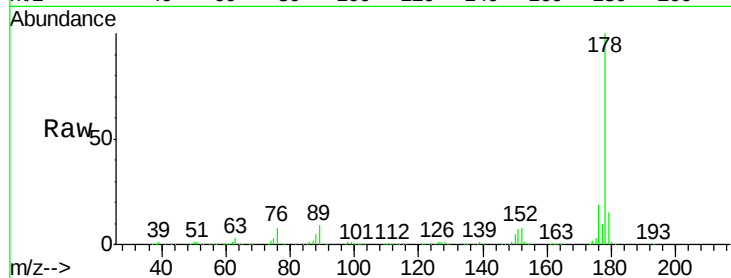




#71
 Anthracene
 Concen: 35.61 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

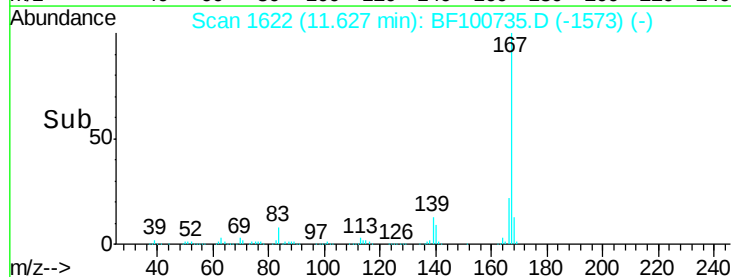
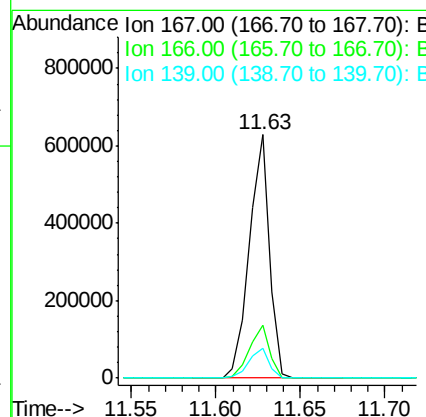
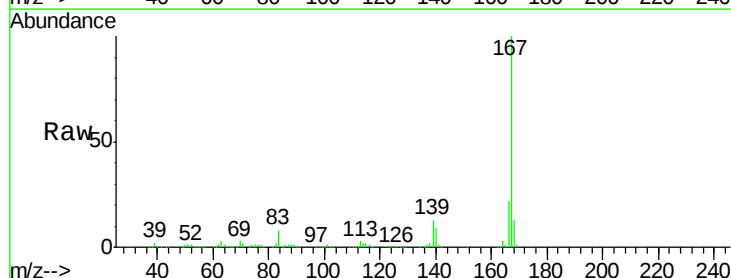
Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion:178 Resp: 610944
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 33.12 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:167 Resp: 524260
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.29 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

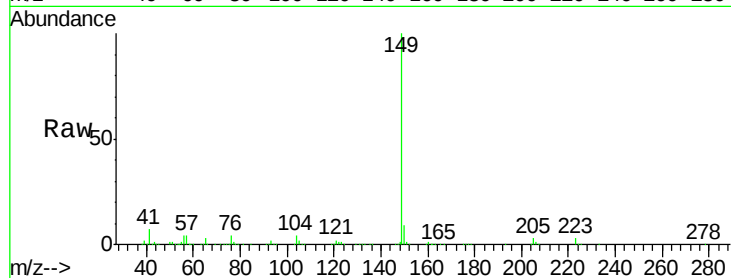
Tgt Ion:149 Resp: 635264

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

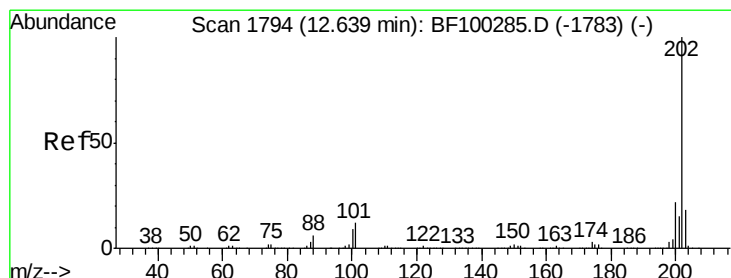
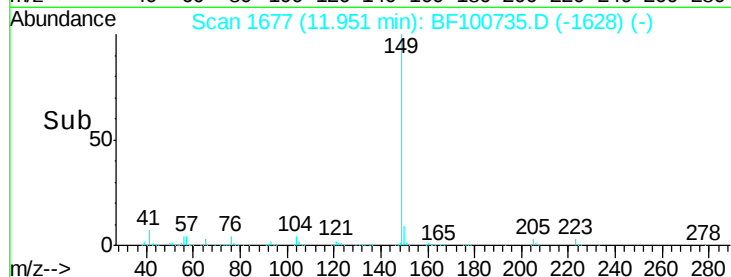
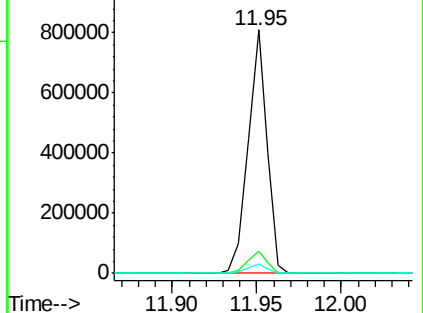
104 4.0 3.8 5.8



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: 32.56 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

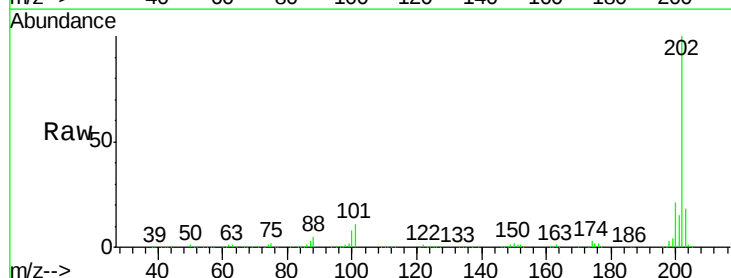
Tgt Ion:202 Resp: 583561

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

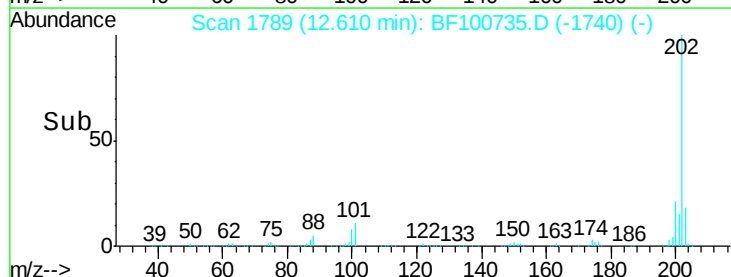
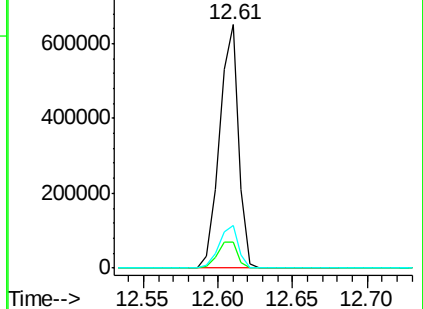
203 17.6 0.0 38.1

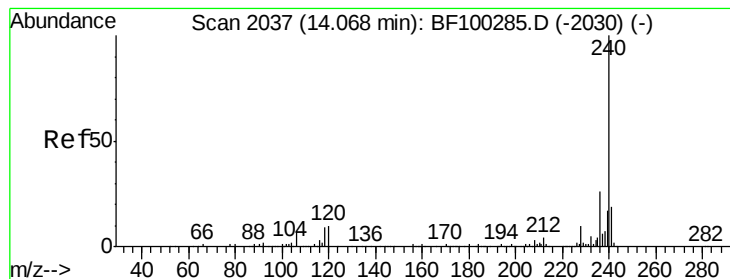


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

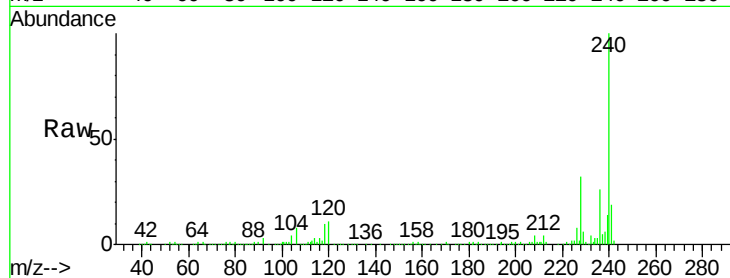
Tgt Ion:240 Resp: 190631

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

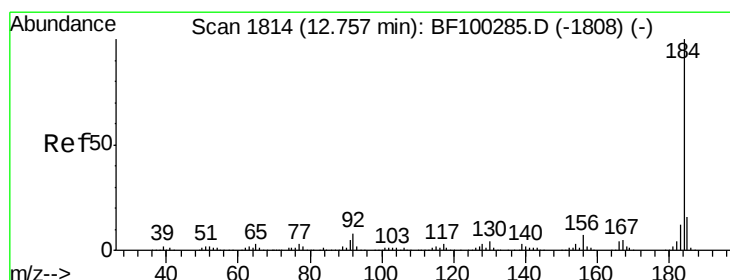
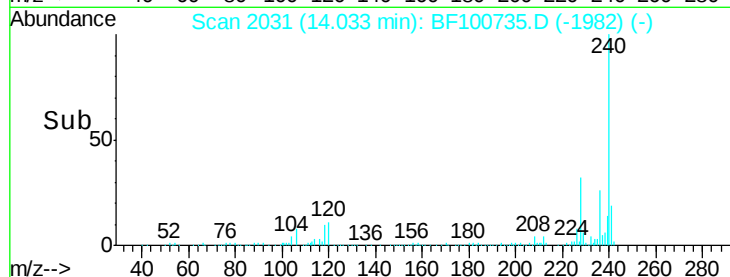
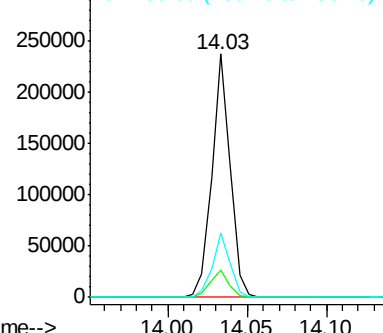
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.91 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

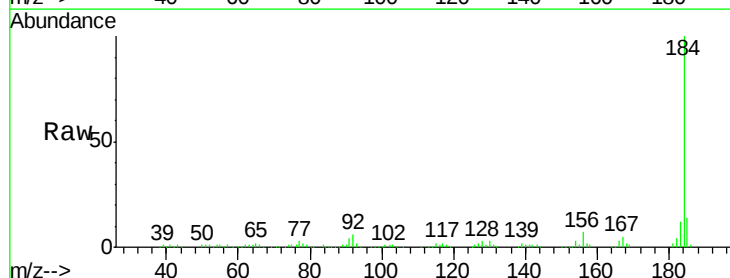
Tgt Ion:184 Resp: 159668

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

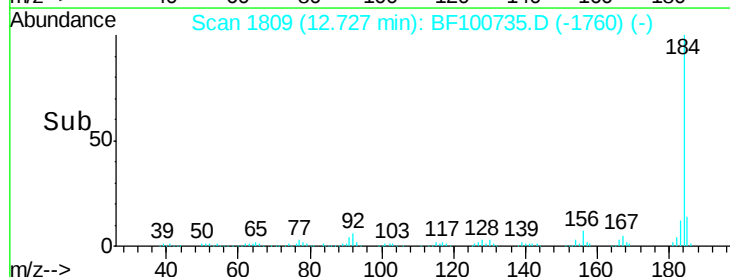
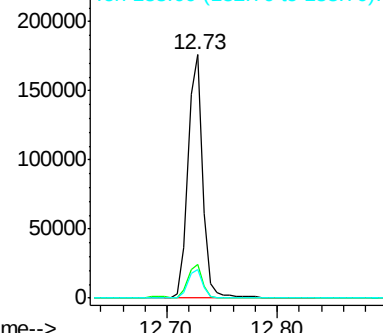
183 11.6 9.3 13.9

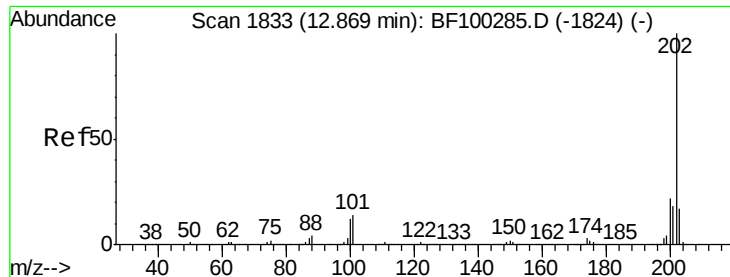


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

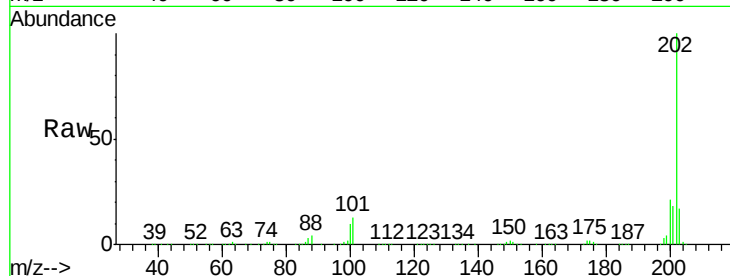




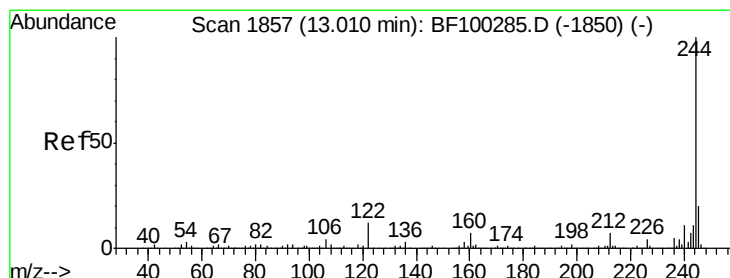
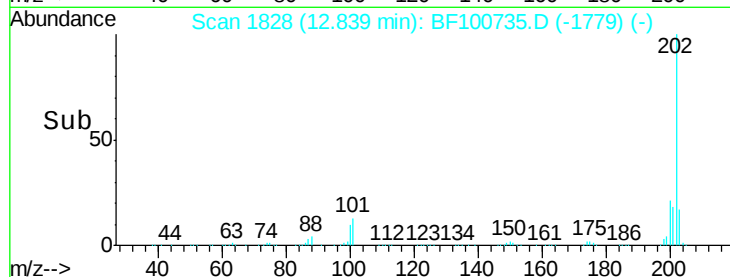
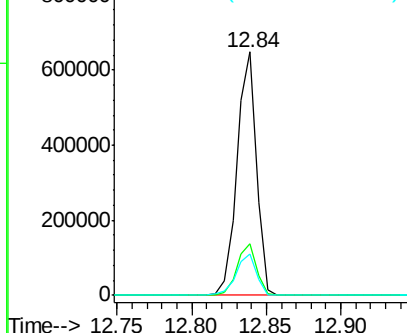
#77
 Pyrene
 Concen: 43.48 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5

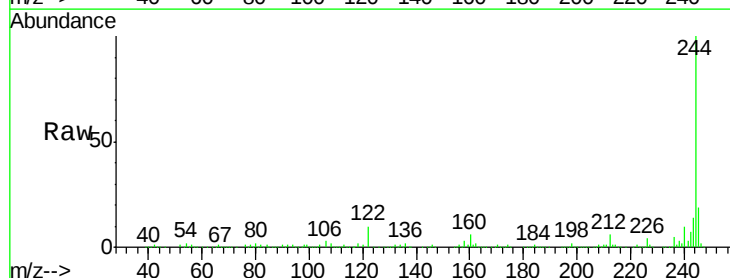


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

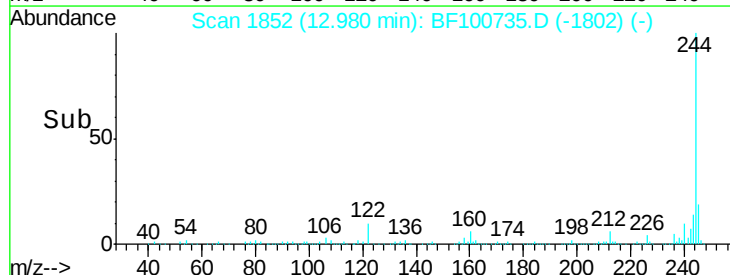
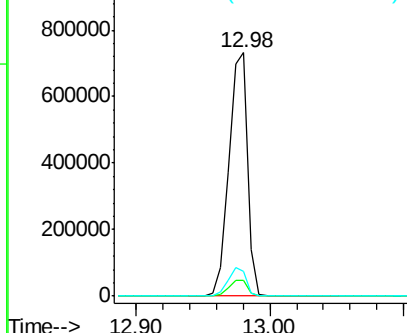


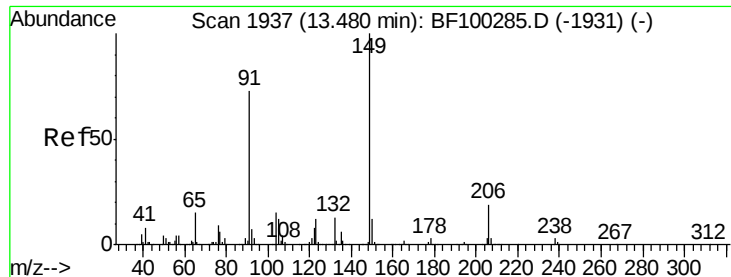
#78
 Terphenyl-d14
 Concen: 87.15 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.9	11.0	16.4



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

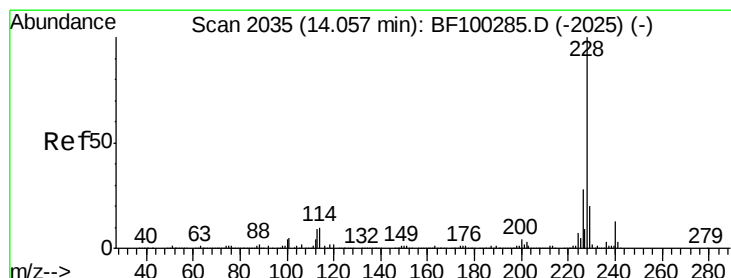
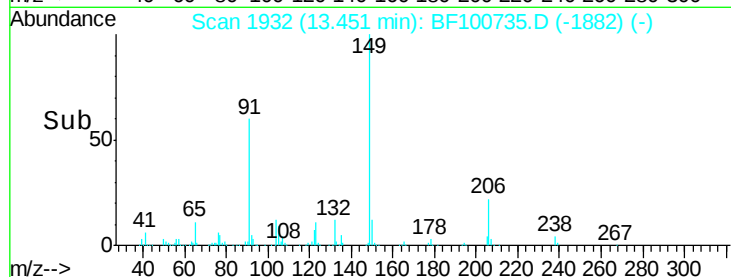
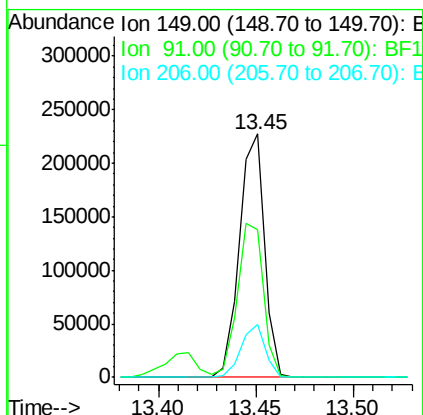
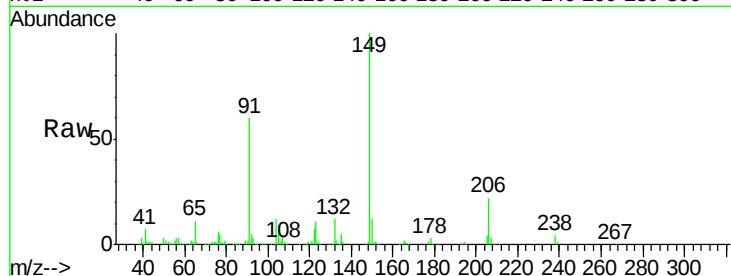




#79
Butylbenzylphthalate
Concen: 36.66 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

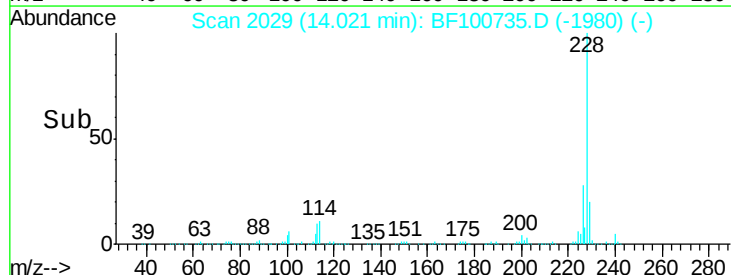
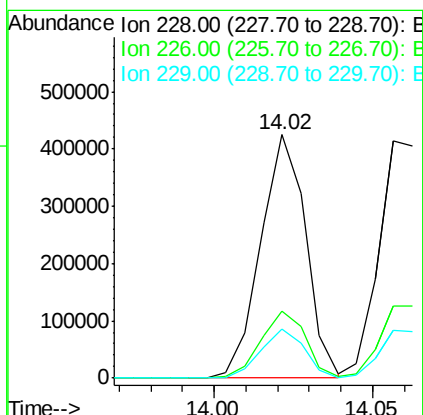
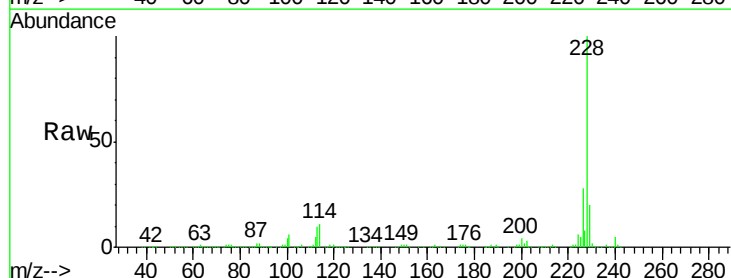
Instrument :
BNA_F
ClientSampleId :
PB104390BS

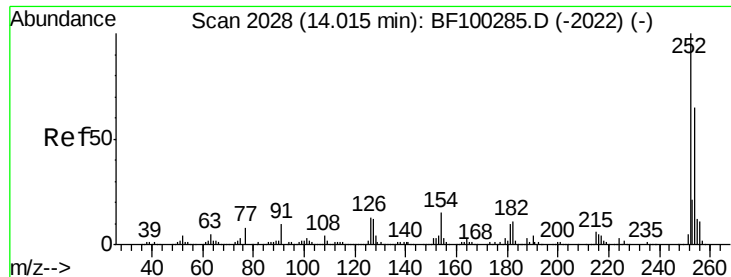
Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.5	56.8	85.2
206	21.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 36.63 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	15.8	23.6

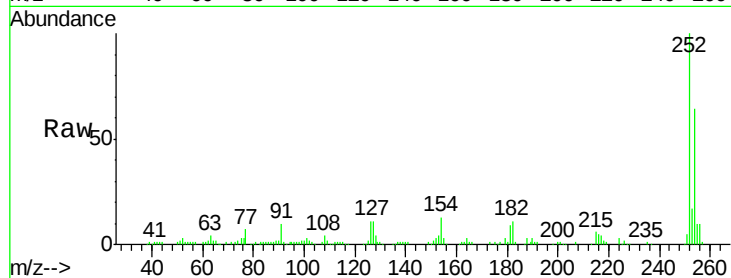




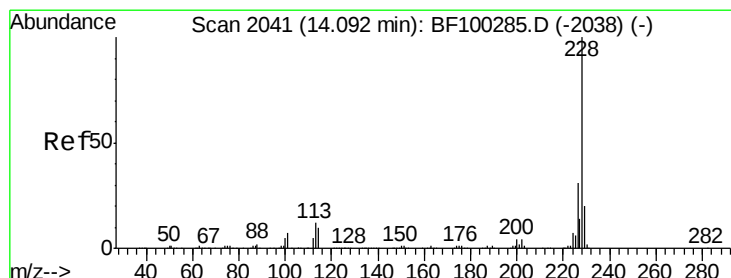
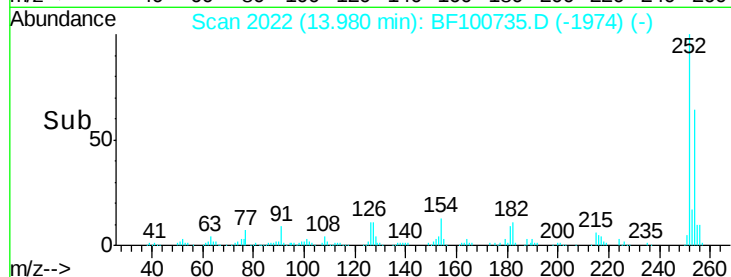
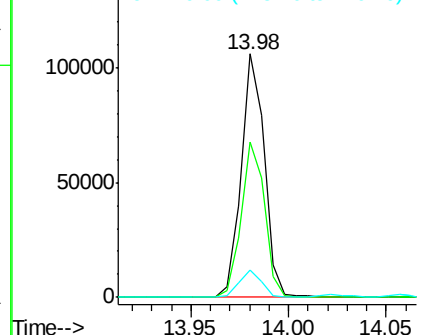
#81
 3,3'-Dichlorobenzidine
 Concen: 21.23 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	11.2	11.3	16.9#

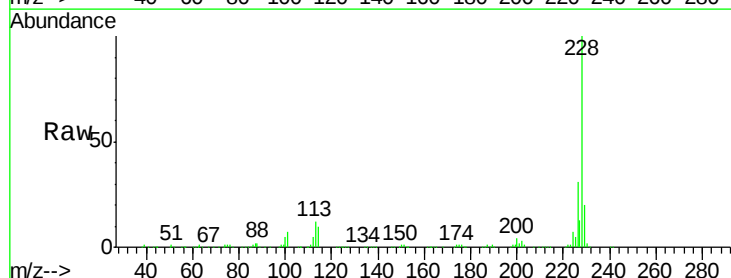


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

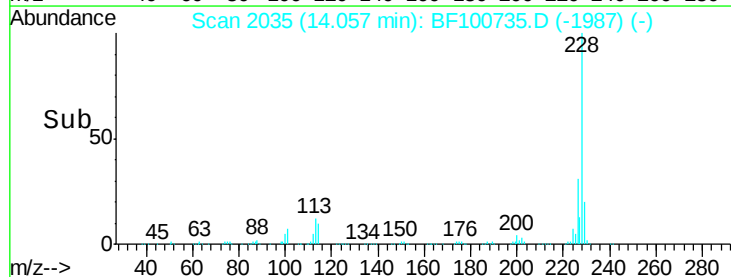
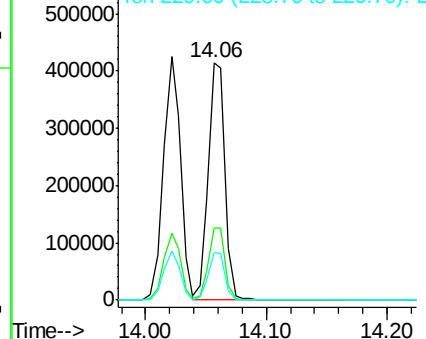


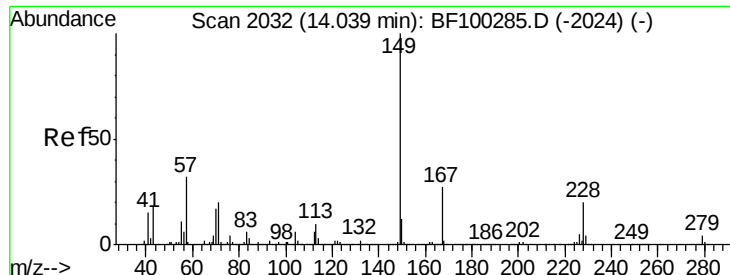
#82
 Chrysene
 Concen: 35.81 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	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: 33.91 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

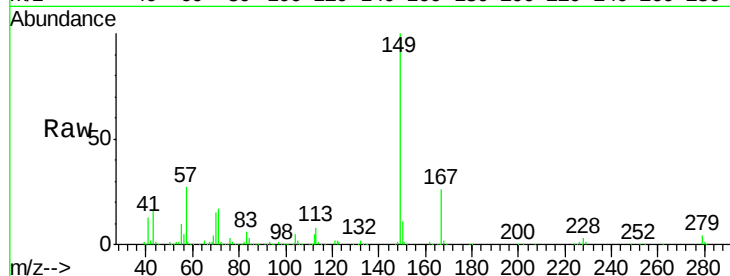
Tgt Ion:149 Resp: 247160

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

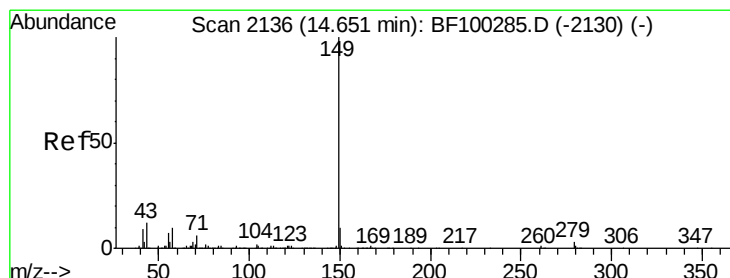
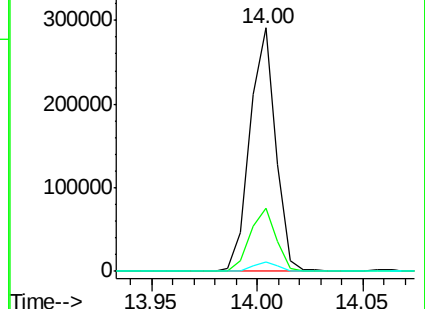
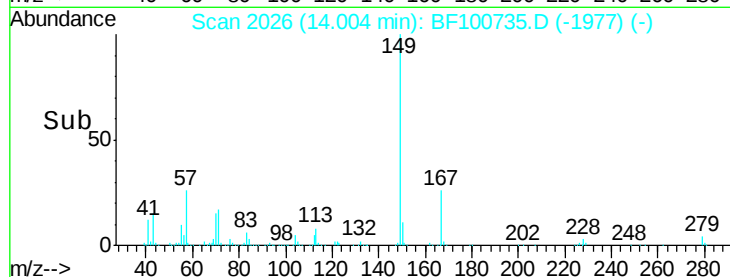
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 29.37 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

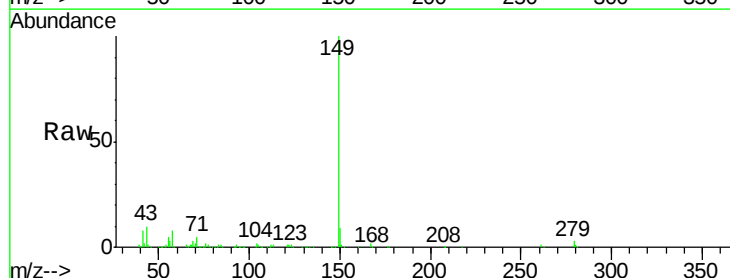
Tgt Ion:149 Resp: 367762

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

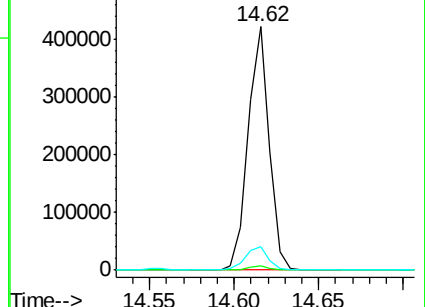
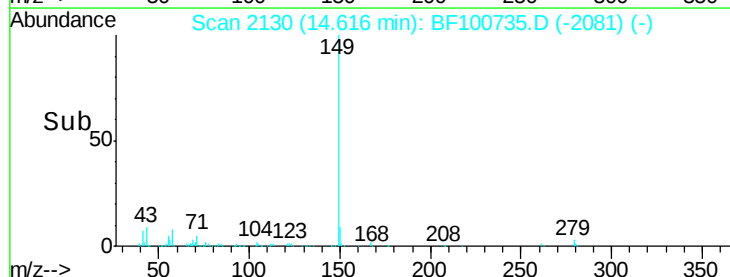
43 10.1 8.4 12.6

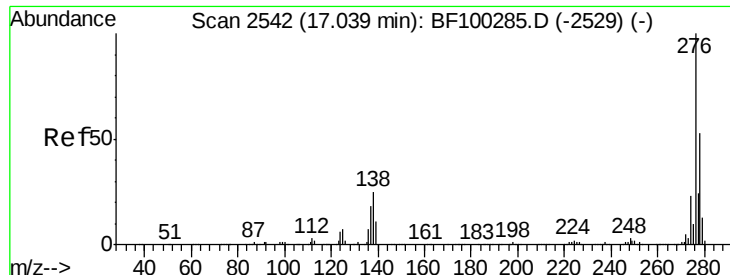


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.48 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

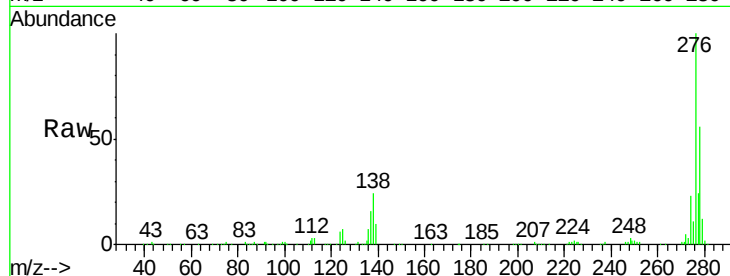
Tgt Ion:276 Resp: 444904

Ion Ratio Lower Upper

276 100

138 25.8 25.0 37.6

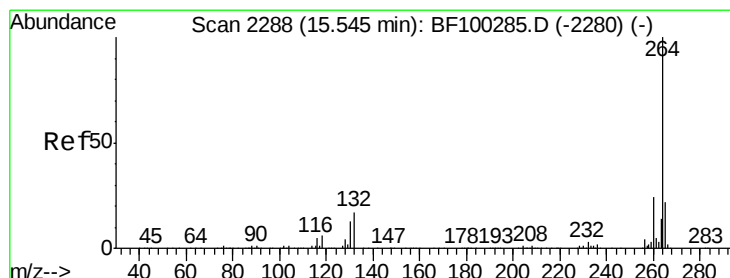
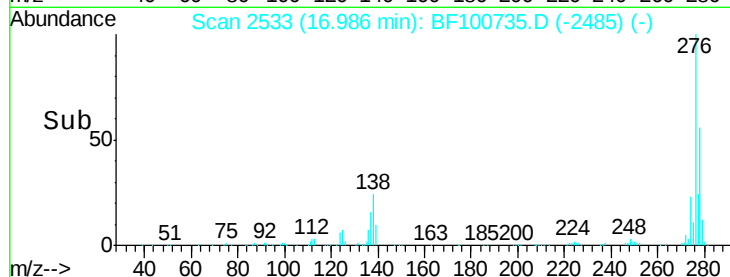
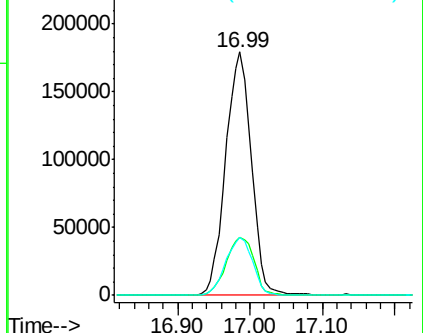
277 24.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

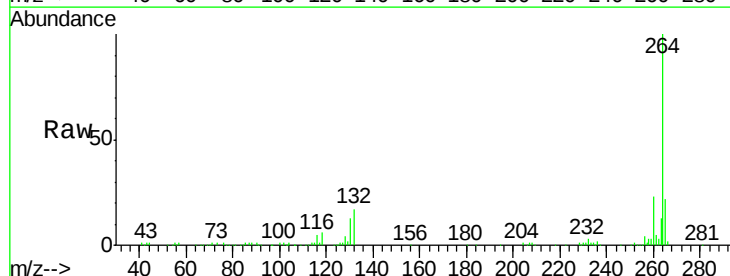
Tgt Ion:264 Resp: 170629

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

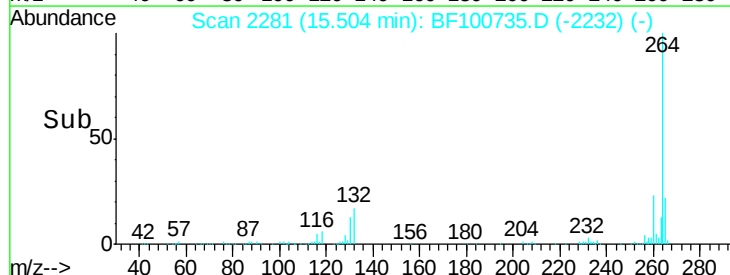
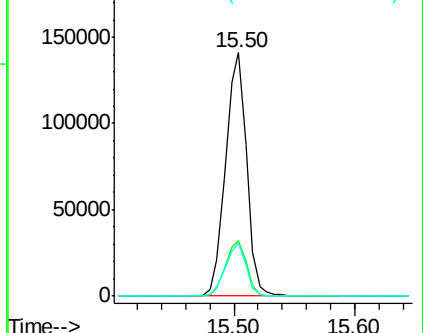
265 21.6 17.5 26.3

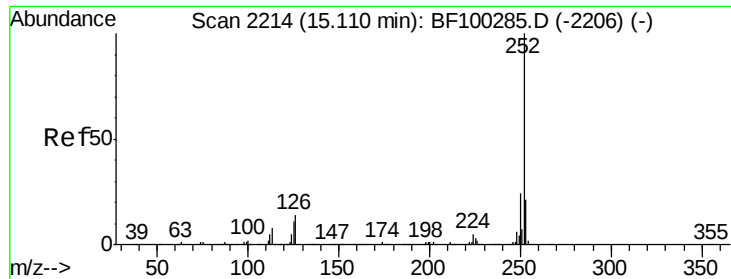


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

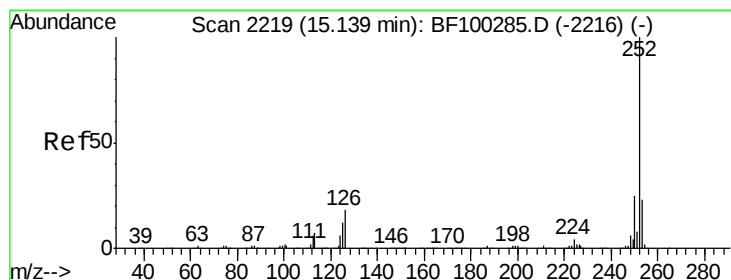
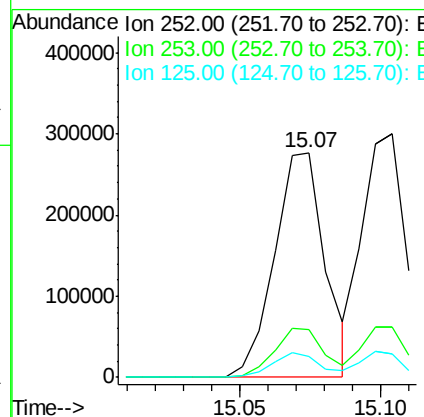
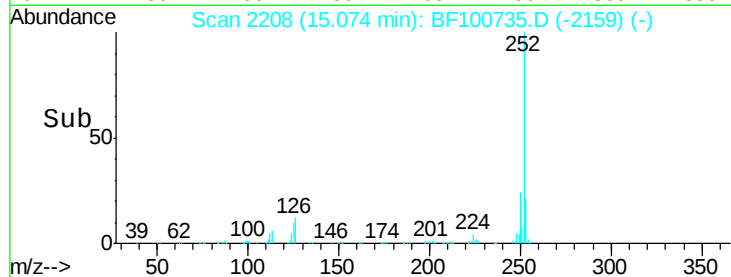
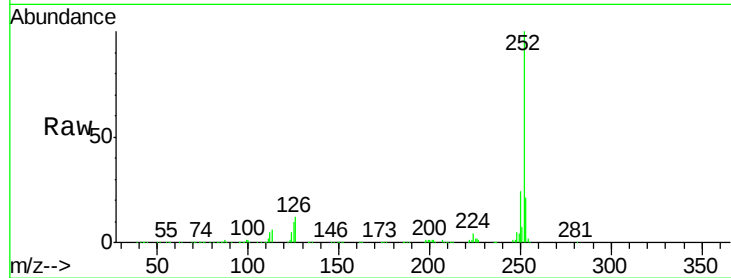




#87
Benzo(b)fluoranthene
Concen: 34.08 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

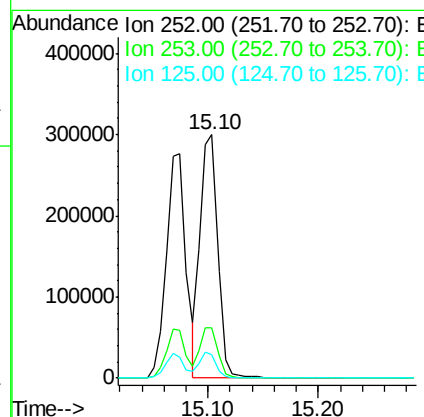
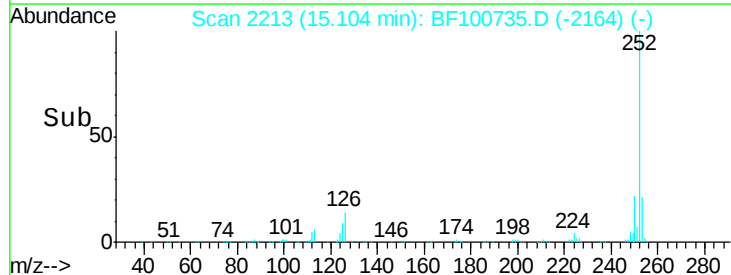
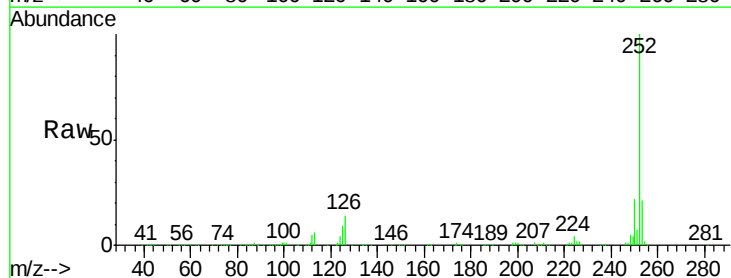
Instrument :
BNA_F
ClientSampleId :
PB104390BS

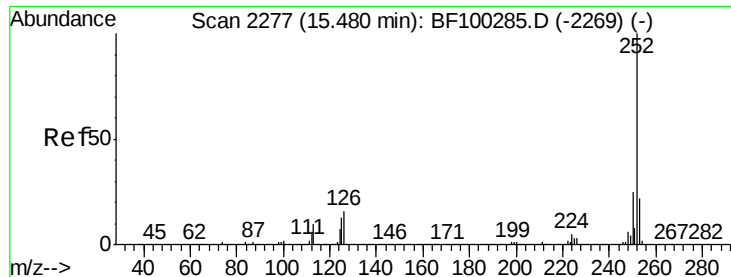
Tgt Ion:252 Resp: 344558
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 9.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.92 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion:252 Resp: 324021
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 9.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 36.90 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

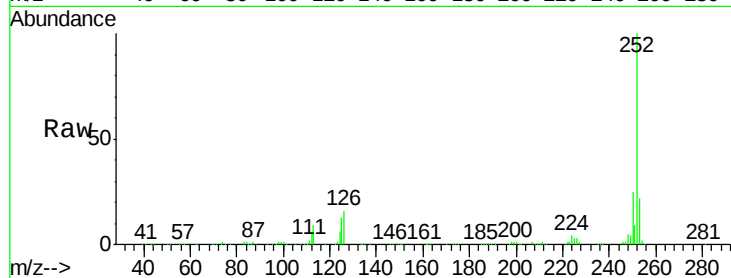
Tgt Ion:252 Resp: 330697

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

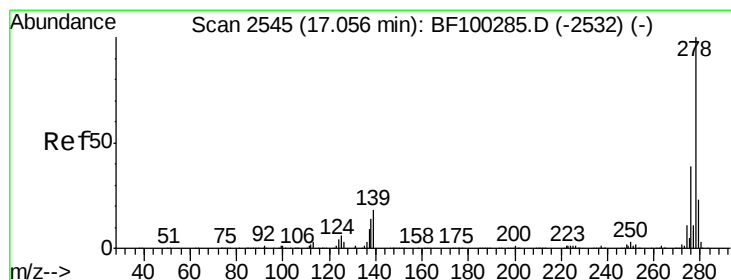
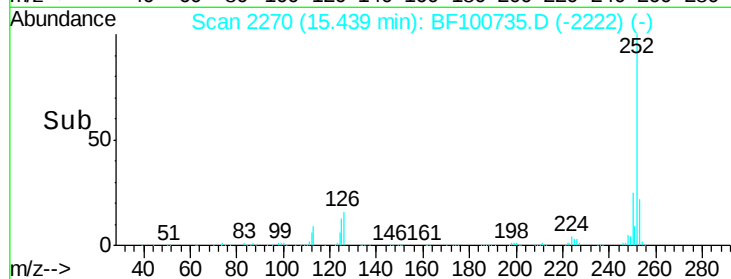
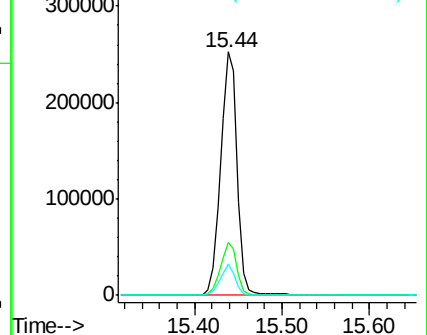
125 12.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.46 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

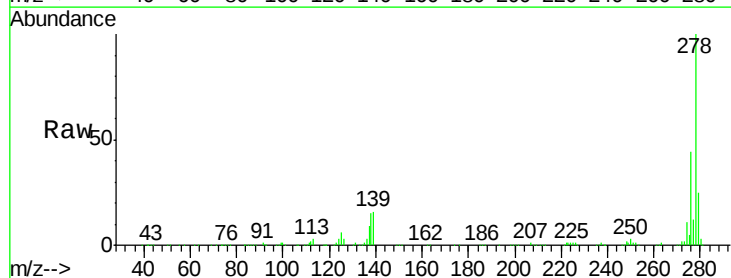
Tgt Ion:278 Resp: 362527

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

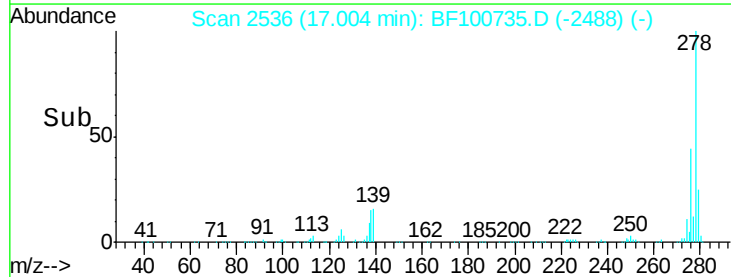
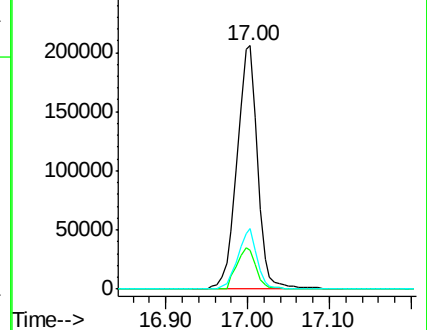
279 24.7 19.0 28.4

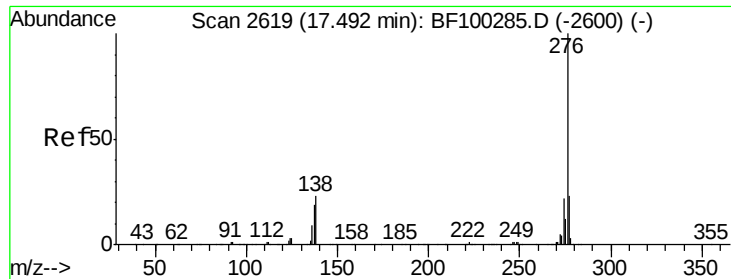


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.84 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

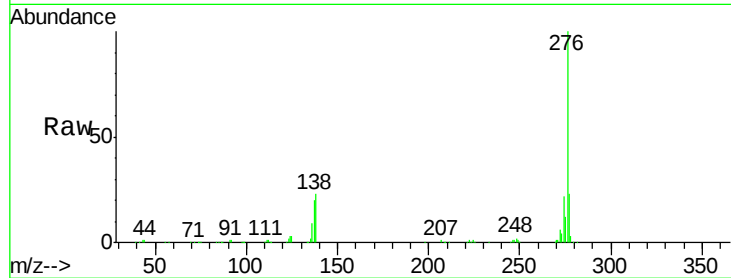
Tgt Ion:276 Resp: 386237

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 23.2 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

