

Data File : BF100564.D
Acq On : 15 Nov 2017 3:01
Operator : SJ/JU
Sample : PB104235BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Quant Time: Nov 15 06:27:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117224	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	444219	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178044	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	280652	20.00	ng	0.00
75) Chrysene-d12	14.04	240	238838	20.00	ng	0.00
86) Perylene-d12	15.52	264	172996	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	592394	81.01	ng	0.01
7) Phenol-d6	6.51	99	716889	79.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	635499	94.58	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	138673	76.43	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1091064	93.31	ng	0.00
78) Terphenyl-d14	12.99	244	777445	74.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	124706	34.99	ng	96
3) Pyridine	3.50	79	344602	35.44	ng	93
4) n-Nitrosodimethylamine	3.46	42	176188	37.32	ng	98
6) Aniline	6.55	93	309247	24.27	ng	100
8) 2-Chlorophenol	6.67	128	322847	41.73	ng	98
9) Benzaldehyde	6.43	77	142247	22.09	ng	99
10) Phenol	6.53	94	399824	42.23	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	312104	39.25	ng	98
12) 1,3-Dichlorobenzene	6.83	146	360775	40.45	ng	97
13) 1,4-Dichlorobenzene	6.90	146	362224	40.12	ng	98
14) 1,2-Dichlorobenzene	7.06	146	332929	39.89	ng	97
15) Benzyl Alcohol	7.02	79	273180	38.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	559288	43.98	ng	98
17) 2-Methylphenol	7.13	107	275493	41.67	ng	100
18) Hexachloroethane	7.40	117	98382	33.05	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	216650	34.64	ng	94
20) 3+4-Methylphenols	7.29	107	324774	38.82	ng	# 83
22) Acetophenone	7.29	105	417786	38.57	ng	# 92
24) Nitrobenzene	7.47	77	332447	48.07	ng	97
25) Isophorone	7.70	82	605101	42.86	ng	100
26) 2-Nitrophenol	7.78	139	150264	46.53	ng	97
27) 2,4-Dimethylphenol	7.82	122	296559	46.85	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	387609	41.97	ng	99
29) 2,4-Dichlorophenol	8.02	162	262481	43.44	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	280322	42.89	ng	96
31) Naphthalene	8.19	128	878360	41.05	ng	99
32) Benzoic acid	7.92	122	115112	28.48	ng	99
33) 4-Chloroaniline	8.23	127	187815	21.09	ng	99
34) Hexachlorobutadiene	8.30	225	160650	41.34	ng	99
35) Caprolactam	8.60	113	72720	35.07	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	259033	39.92	ng	94
37) 2-Methylnaphthalene	8.88	142	574466	40.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	261796	44.34	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	43971	15.82	ng	95

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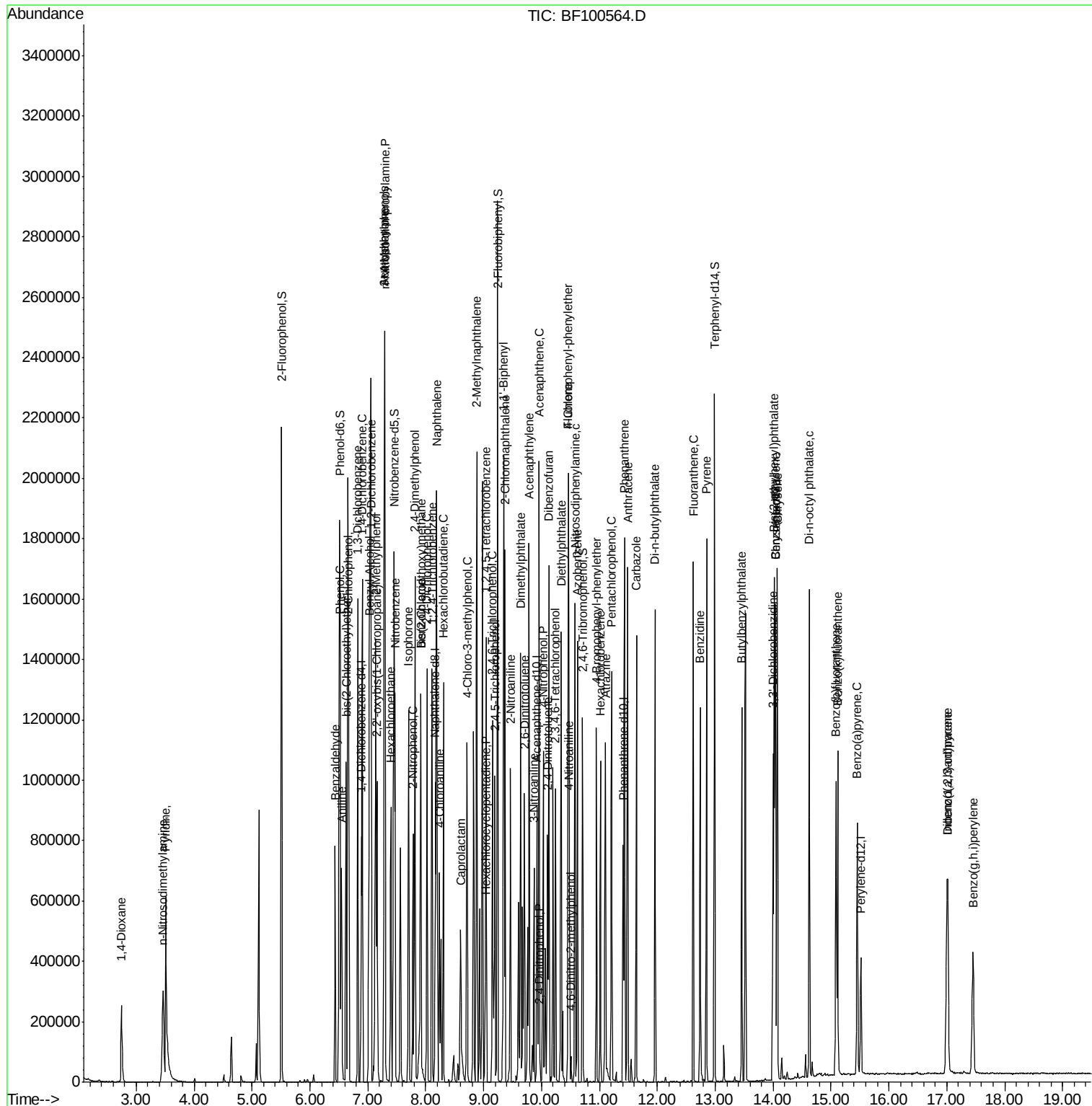
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	172805	46.18	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	170115	43.87	ng #	90
45) 1,1'-Biphenyl	9.35	154	659254	42.81	ng	99
46) 2-Chloronaphthalene	9.37	162	506576	45.35	ng	97
47) 2-Nitroaniline	9.46	65	162545	49.17	ng	98
48) Acenaphthylene	9.79	152	752935	40.67	ng	99
49) Dimethylphthalate	9.64	163	608072	44.73	ng	99
50) 2,6-Dinitrotoluene	9.70	165	120285	44.70	ng	95
51) Acenaphthene	9.96	154	437867	38.89	ng	99
52) 3-Nitroaniline	9.87	138	116418	36.64	ng	90
53) 2,4-Dinitrophenol	9.97	184	8997	17.73	ng #	20
54) Dibenzofuran	10.13	168	641478	40.65	ng	98
55) 4-Nitrophenol	10.03	139	181144	70.21	ng	94
56) 2,4-Dinitrotoluene	10.10	165	144582	42.59	ng #	96
57) Fluorene	10.47	166	458243	39.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	126876	39.93	ng #	86
59) Diethylphthalate	10.34	149	558167	41.03	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	237647	41.90	ng #	87
61) 4-Nitroaniline	10.49	138	118388	39.29	ng	89
62) Azobenzene	10.62	77	480707	37.52	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	9777	14.24	ng	87
65) n-Nitrosodiphenylamine	10.58	169	446198	45.72	ng	95
66) 4-Bromophenyl-phenylether	10.95	248	141753	47.12	ng #	86
67) Hexachlorobenzene	11.02	284	139040	44.19	ng	93
68) Atrazine	11.10	200	130129	44.05	ng	96
69) Pentachlorophenol	11.21	266	145988	64.70	ng	96
70) Phenanthrene	11.43	178	633082	42.84	ng	99
71) Anthracene	11.49	178	642980	42.89	ng	99
72) Carbazole	11.64	167	585619	42.34	ng	98
73) Di-n-butylphthalate	11.96	149	744183	45.97	ng	98
74) Fluoranthene	12.62	202	673316	42.99	ng	97
76) Benzidine	12.74	184	528107	55.21	ng	99
77) Pyrene	12.85	202	695081	40.83	ng	99
79) Butylbenzylphthalate	13.46	149	300500	43.28	ng #	92
80) Benzo(a)anthracene	14.03	228	619840	43.10	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	229582	44.55	ng #	97
82) Chrysene	14.07	228	588595	42.26	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	421079	46.11	ng	99
84) Di-n-octyl phthalate	14.63	149	738745	47.09	ng	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	397738	35.31	ng	96
87) Benzo(b)fluoranthene	15.09	252	449975	43.90	ng	98
88) Benzo(k)fluoranthene	15.12	252	454529	46.94	ng	97
89) Benzo(a)pyrene	15.46	252	398163	43.82	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	331510	44.61	ng	97
91) Benzo(g,h,i)perylene	17.45	276	336597	46.27	ng	95

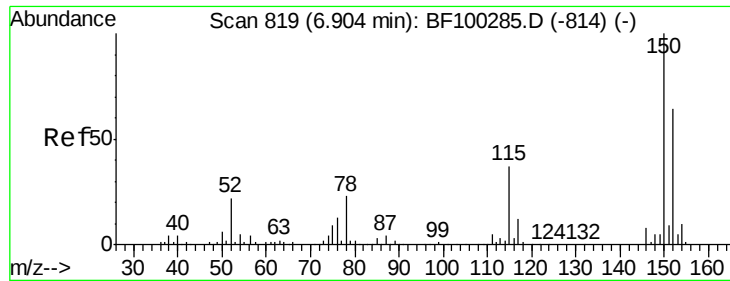
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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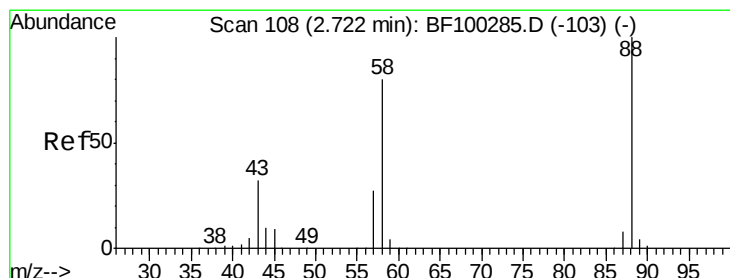
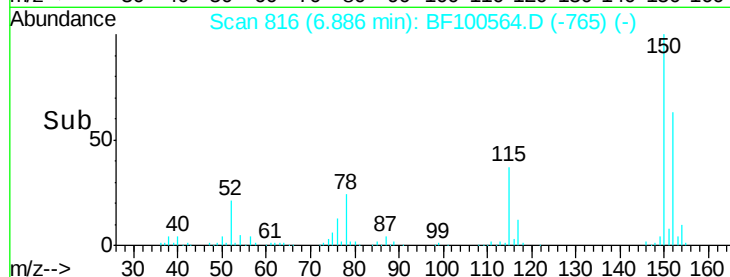
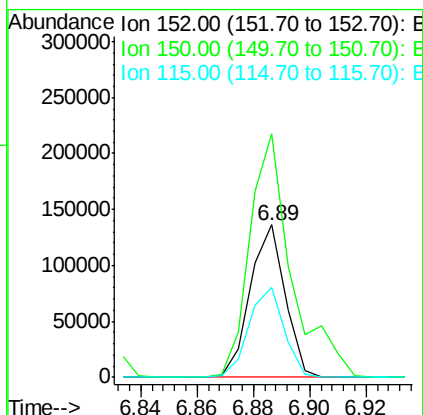
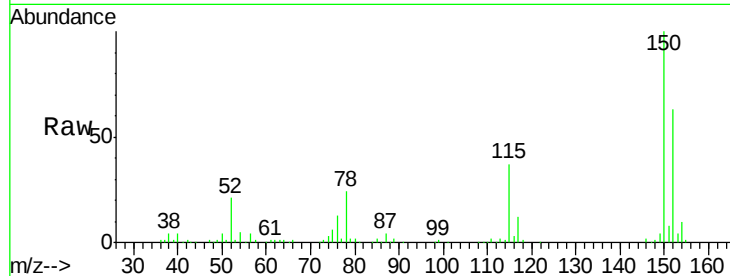




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

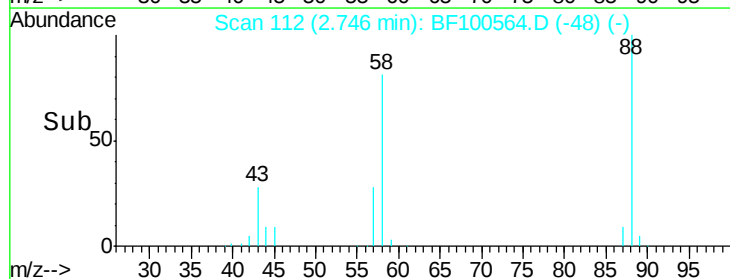
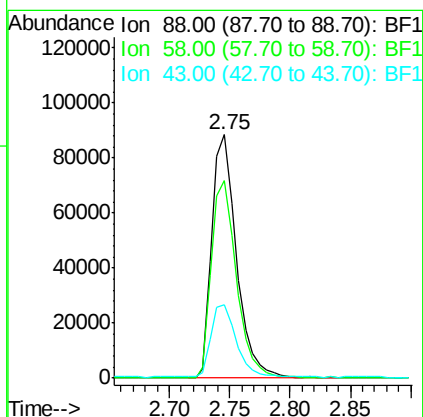
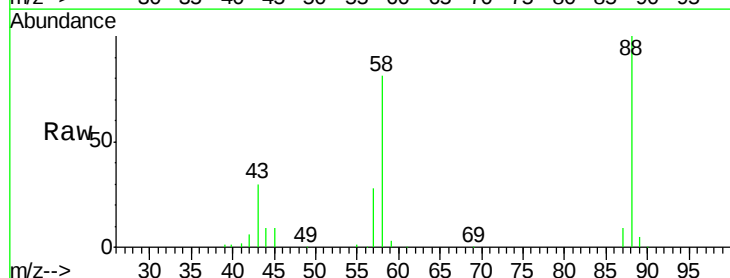
Instrument :
 BNA_F
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 PB104235BSD

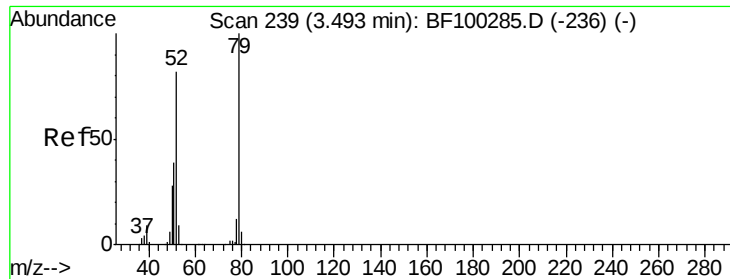
Tgt Ion: 152 Resp: 117224
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 58.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 34.99 ng
 RT: 2.75 min Scan# 112
 Delta R.T. 0.08 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion: 88 Resp: 124706
 Ion Ratio Lower Upper
 88 100
 58 82.4 62.6 93.8
 43 32.2 24.6 37.0





#3

Pyridine

Concen: 35.44 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.06 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

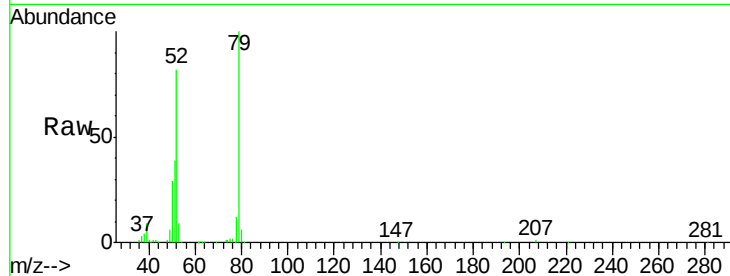
Tgt Ion: 79 Resp: 344602

Ion Ratio Lower Upper

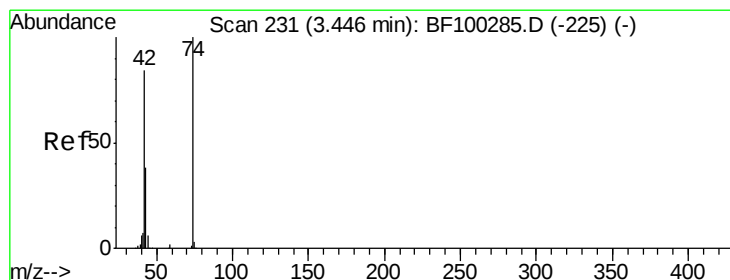
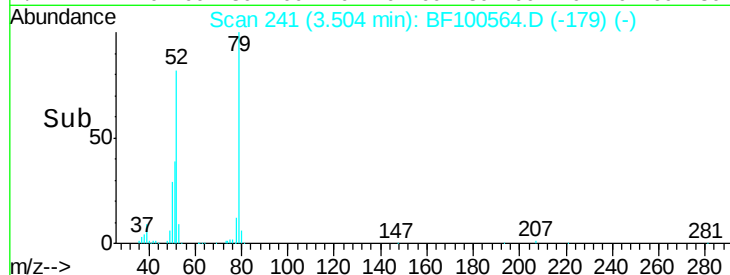
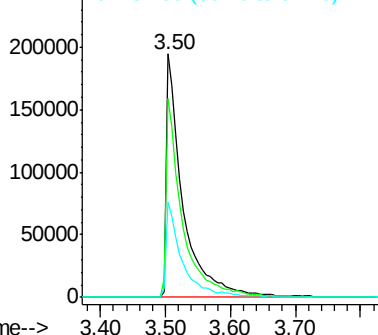
79 100

52 81.9 59.8 89.6

51 38.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.32 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.06 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

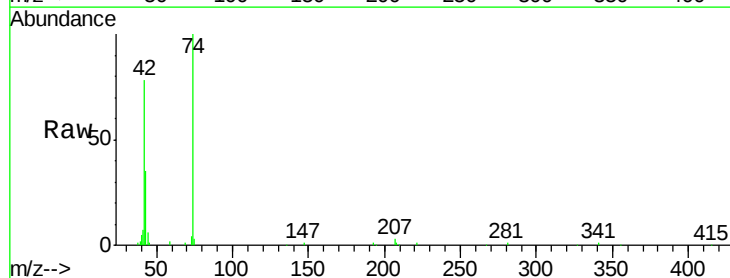
Tgt Ion: 42 Resp: 176188

Ion Ratio Lower Upper

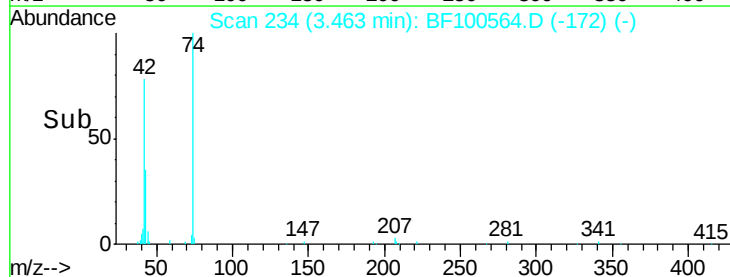
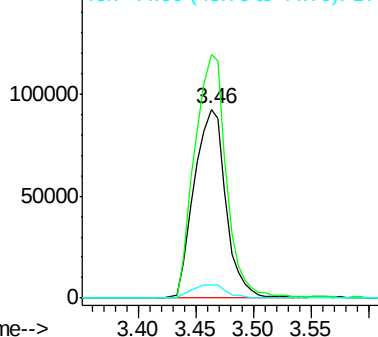
42 100

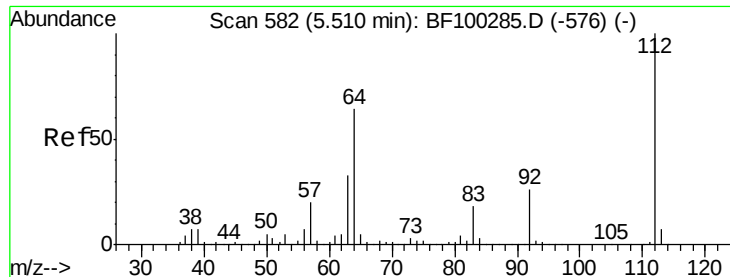
74 128.9 104.9 157.3

44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.01 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

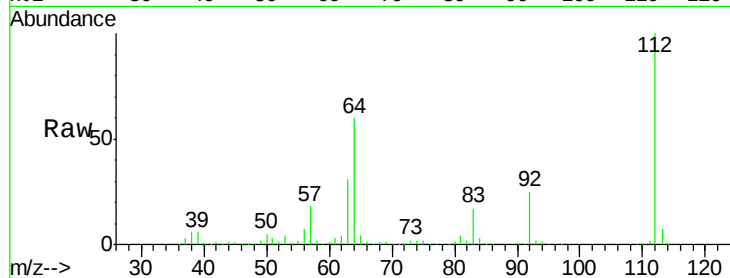
Tgt Ion: 112 Resp: 592394

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

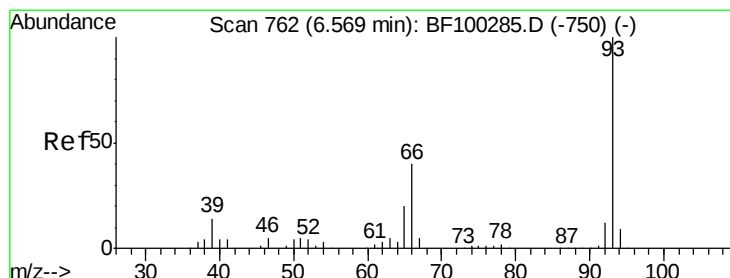
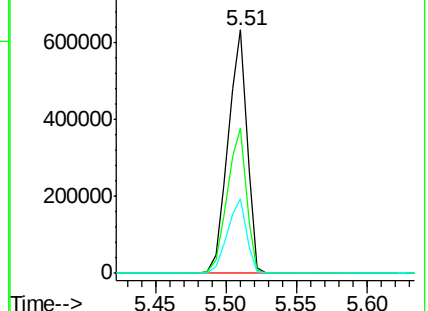
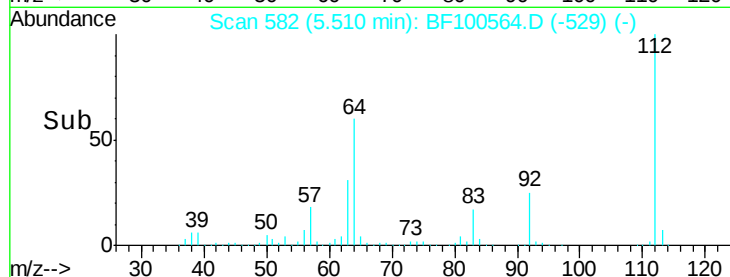
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.27 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

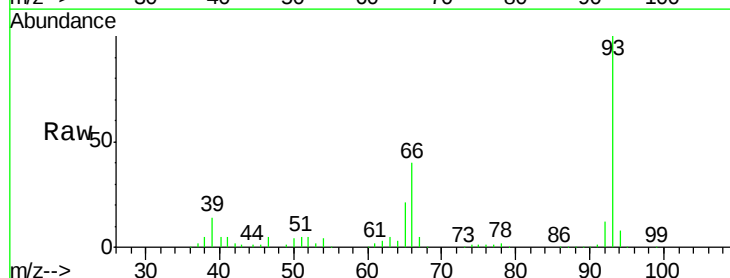
Tgt Ion: 93 Resp: 309247

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

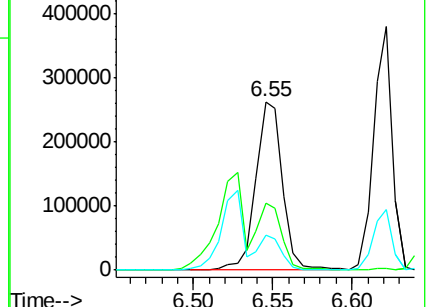
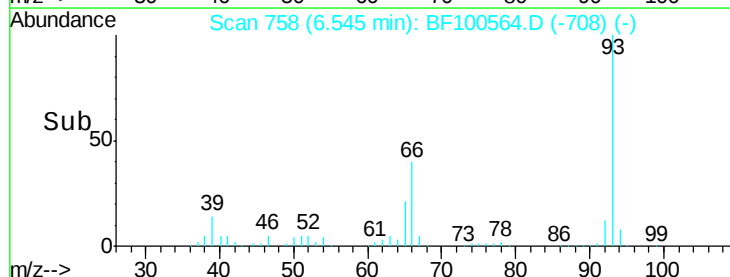
65 20.7 16.4 24.6

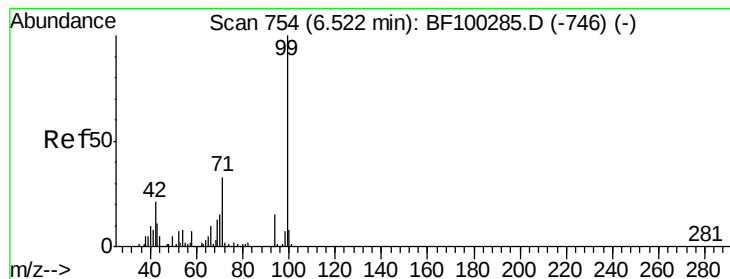


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

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PB104235BSD

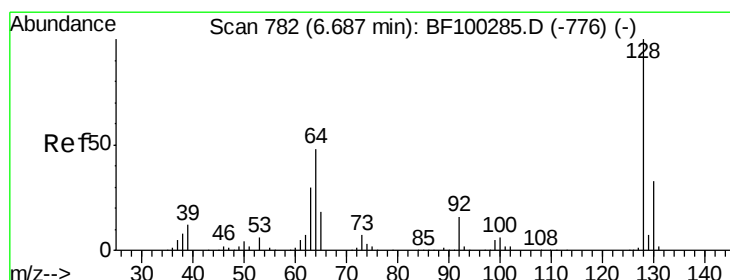
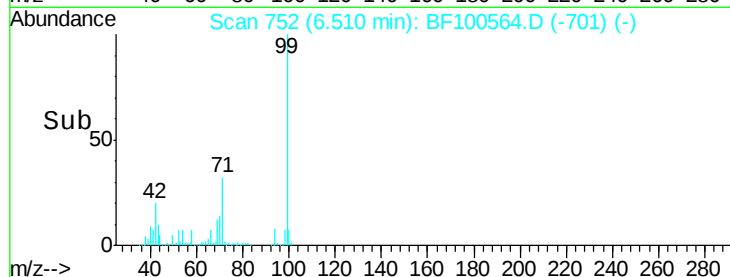
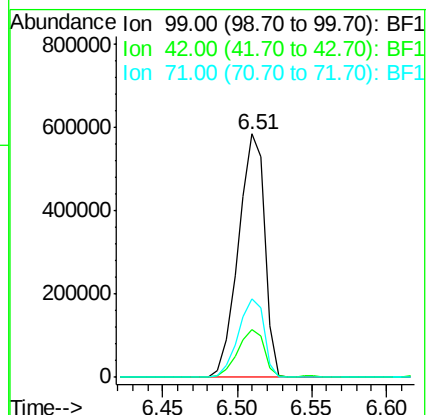
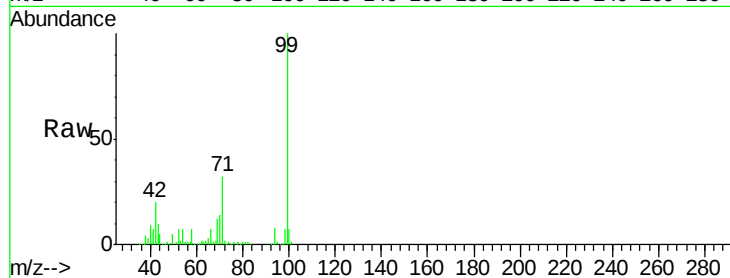
Tgt Ion: 99 Resp: 716889

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 41.73 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

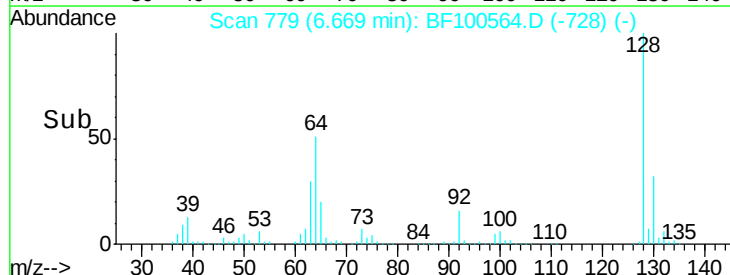
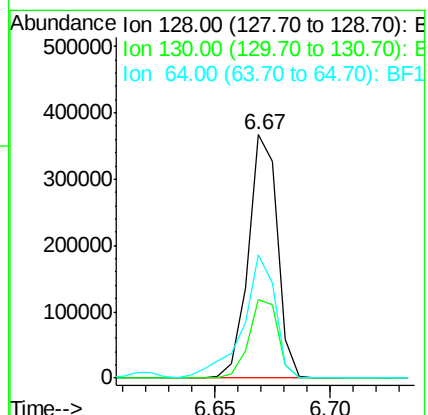
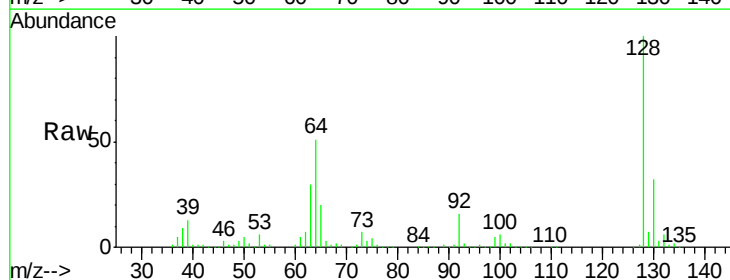
Tgt Ion: 128 Resp: 322847

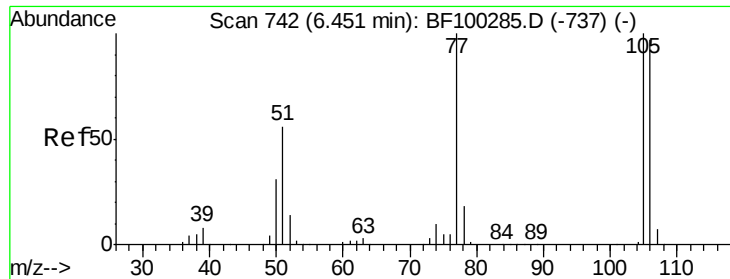
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 50.7 29.4 69.4

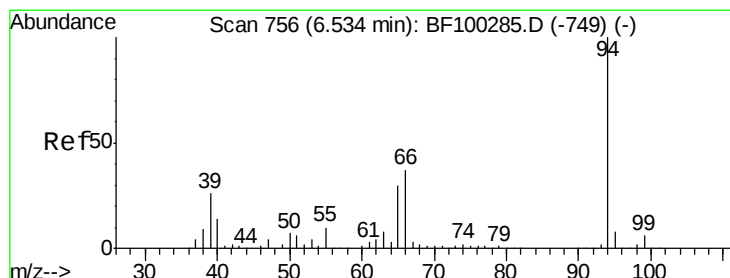
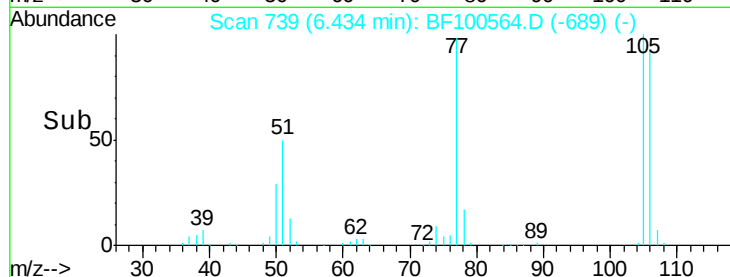
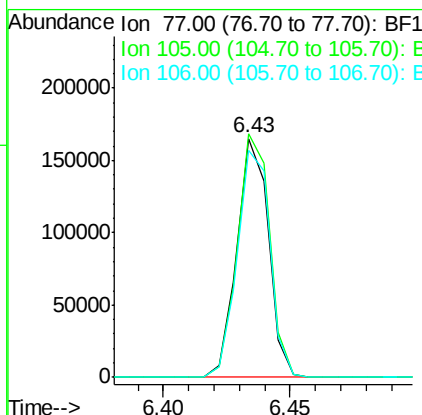
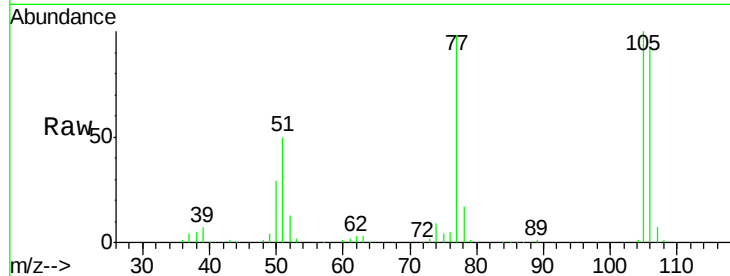




#9
Benzaldehyde
Concen: 22.09 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

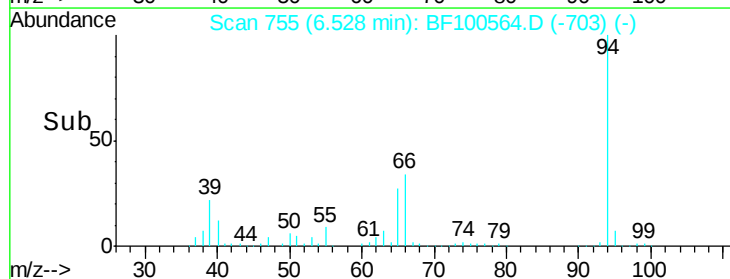
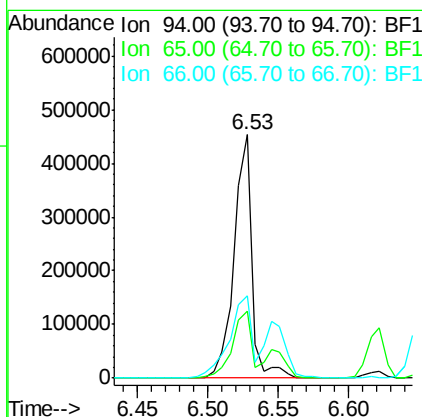
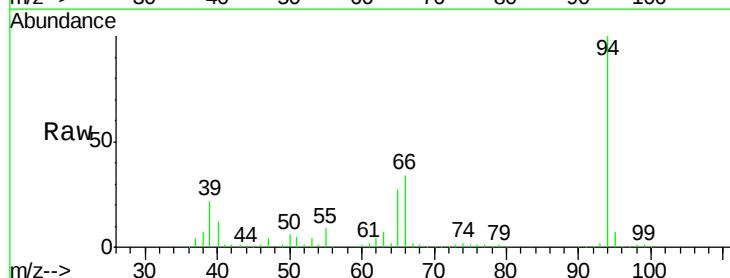
Instrument :
BNA_F
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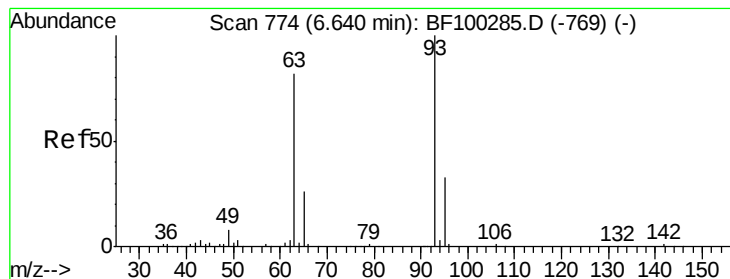
Tgt Ion: 77 Resp: 142247
Ion Ratio Lower Upper
77 100
105 101.9 81.1 121.1
106 95.0 74.5 114.5



#10
Phenol
Concen: 42.23 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion: 94 Resp: 399824
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 33.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.25 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

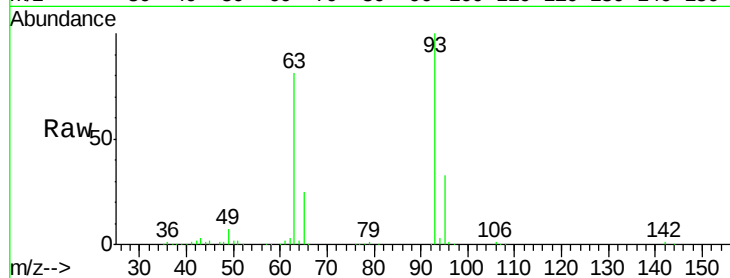
Tgt Ion: 93 Resp: 312104

Ion Ratio Lower Upper

93 100

63 80.5 58.6 98.6

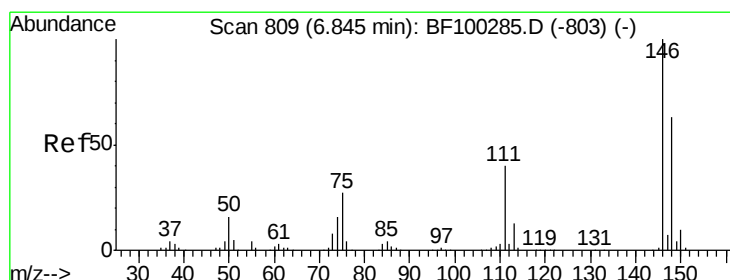
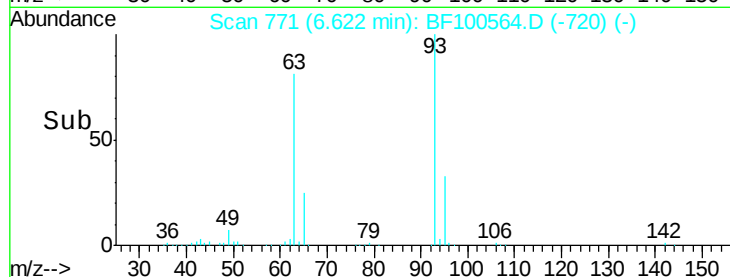
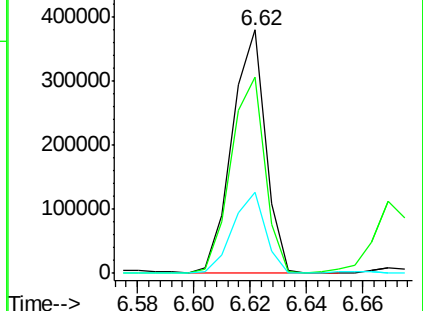
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.45 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

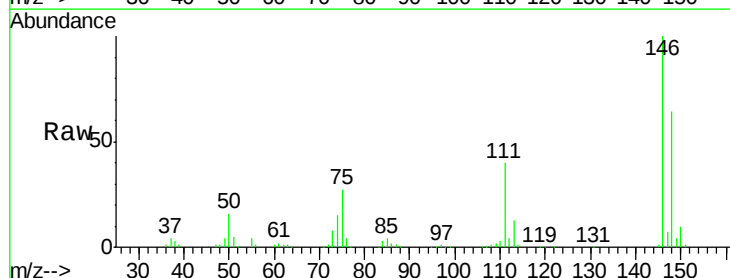
Tgt Ion: 146 Resp: 360775

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

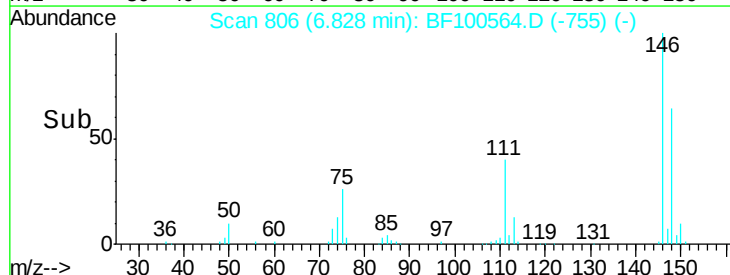
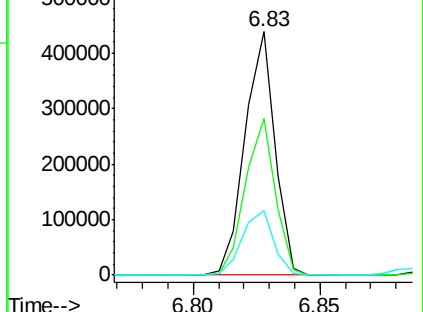
75 26.6 24.2 36.4

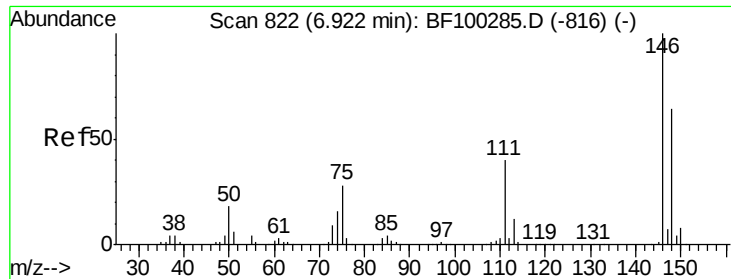


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

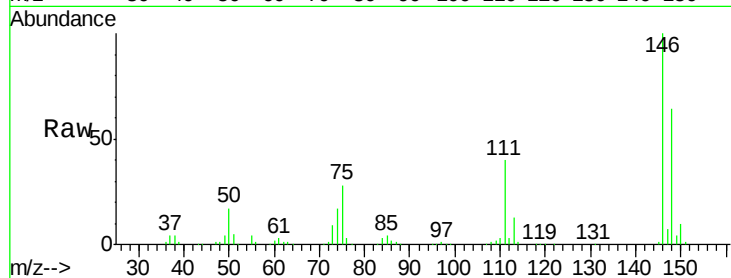




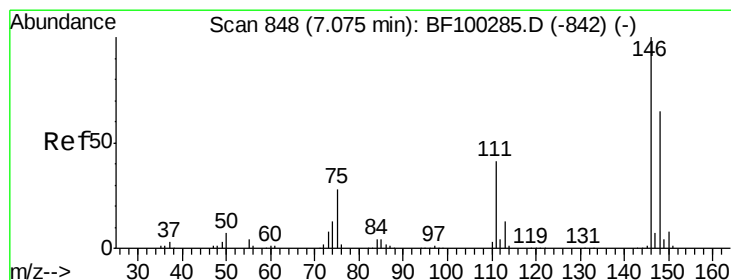
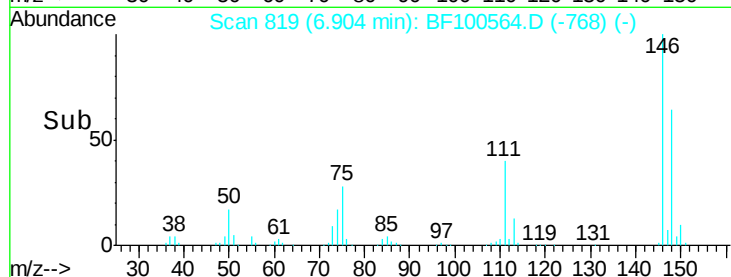
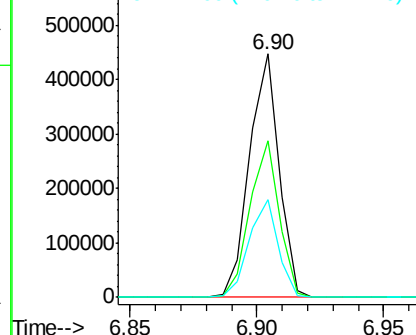
#13
 1,4-Dichlorobenzene
 Concen: 40.12 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion:146 Resp: 362224
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 40.1 34.2 51.2

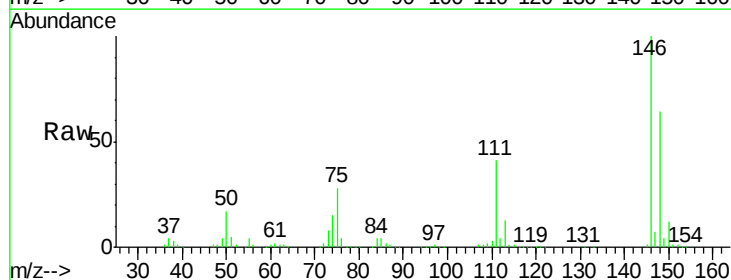


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

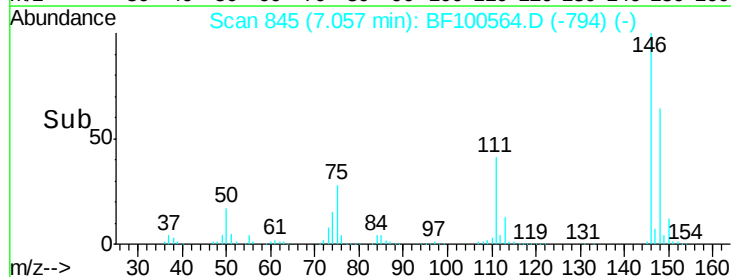
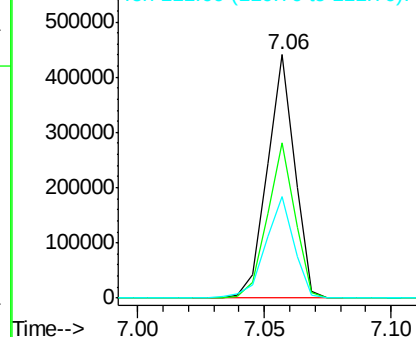


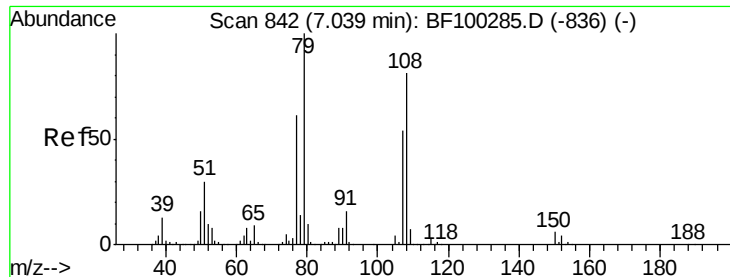
#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:146 Resp: 332929
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.5 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: 38.82 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

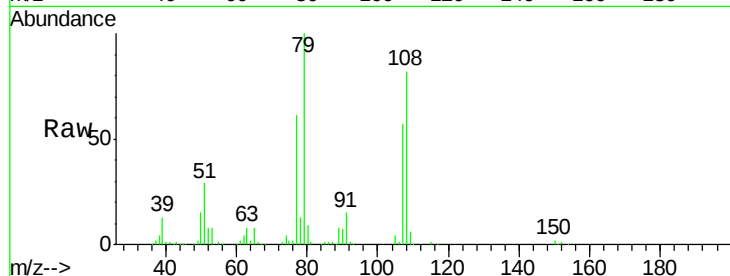
Tgt Ion: 79 Resp: 273180

Ion Ratio Lower Upper

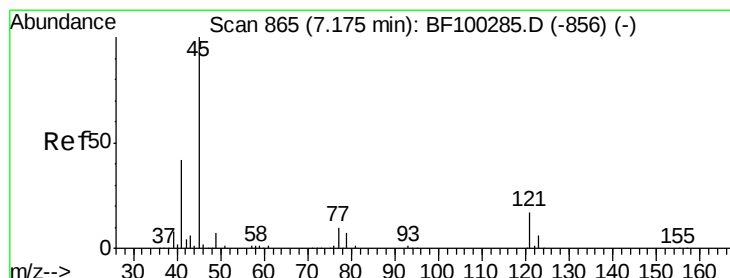
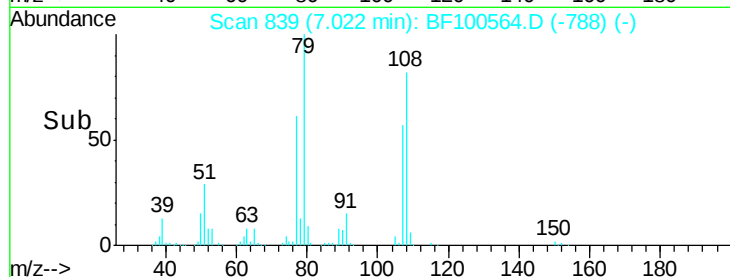
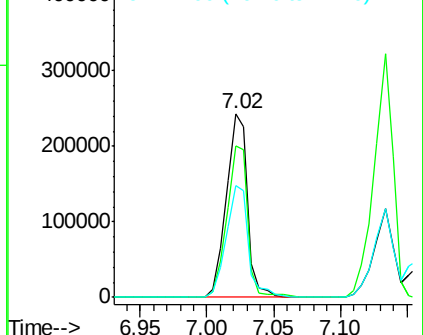
79 100

108 82.1 65.1 97.7

77 60.6 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: 43.98 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

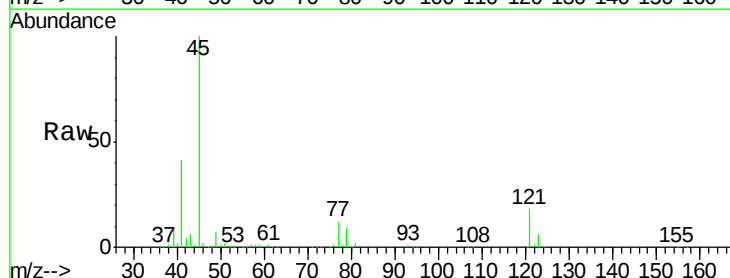
Tgt Ion: 45 Resp: 559288

Ion Ratio Lower Upper

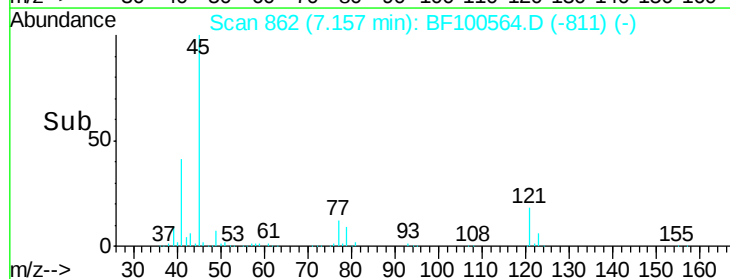
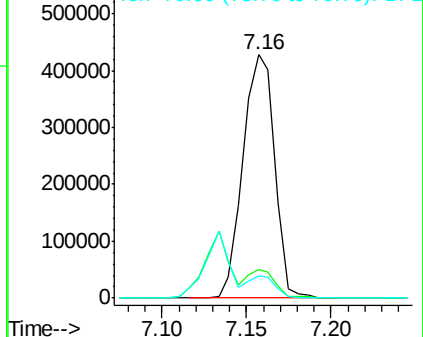
45 100

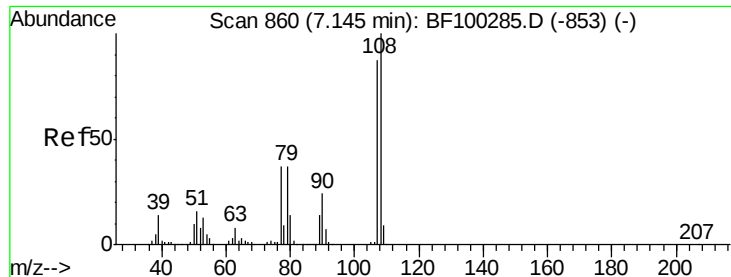
77 11.6 0.0 32.9

79 9.2 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

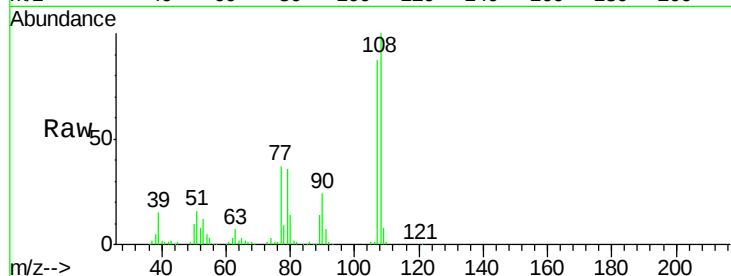




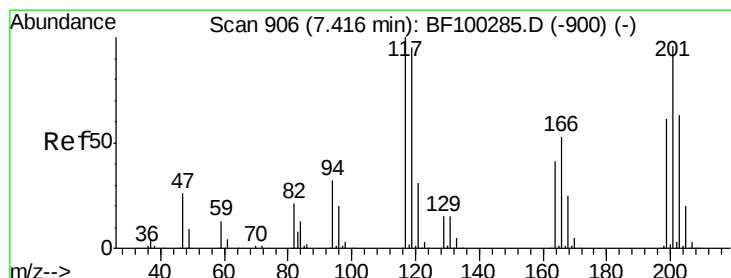
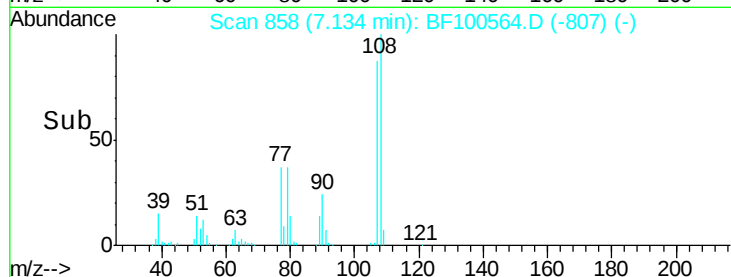
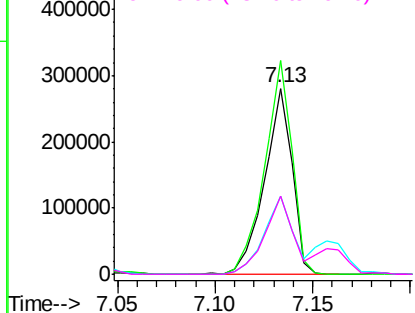
#17
2-Methylphenol
Concen: 41.67 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion:	107	Resp:	275493
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.7	137.5
77	42.2	33.8	50.8
79	41.9	33.8	50.8

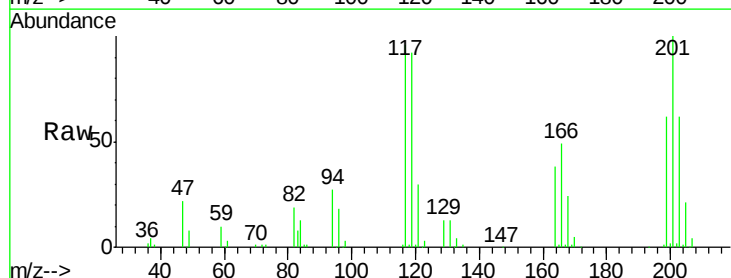


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

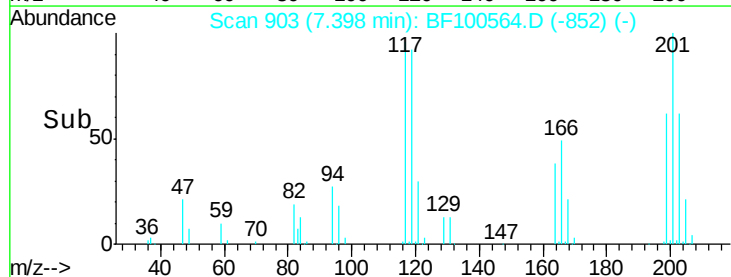
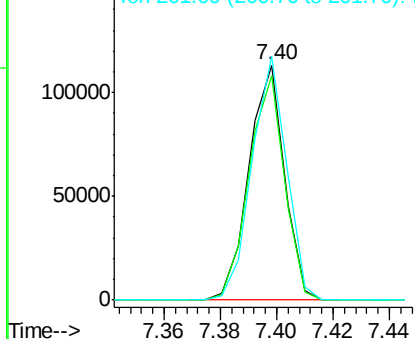


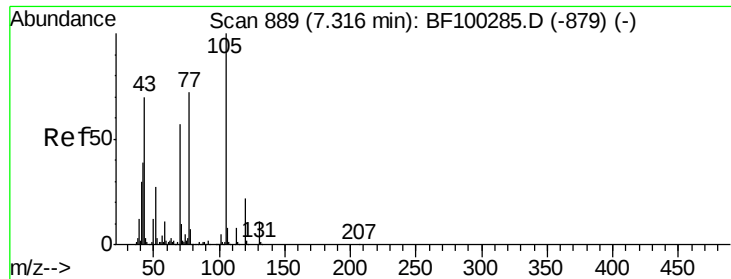
#18
Hexachloroethane
Concen: 33.05 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:	117	Resp:	98382
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	103.8	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

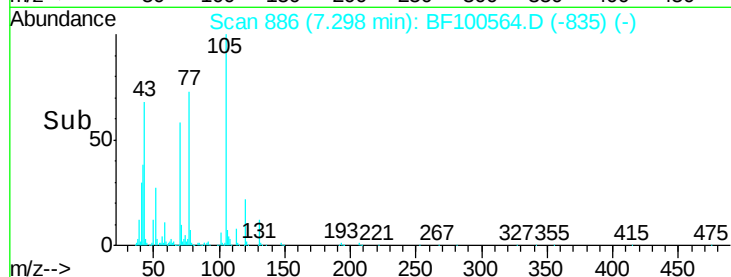
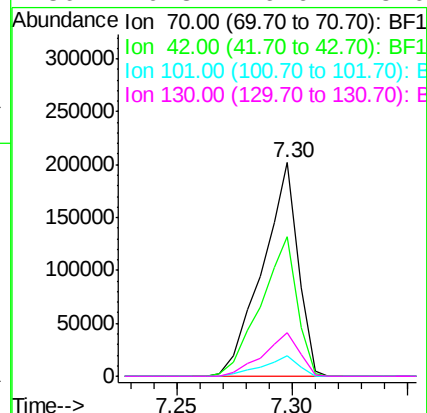
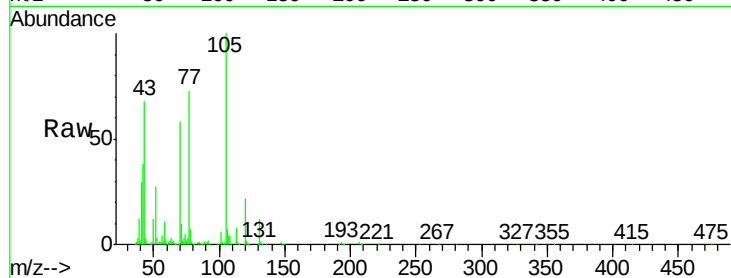




#19
n-Nitroso-di-n-propylamine
Concen: 34.64 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

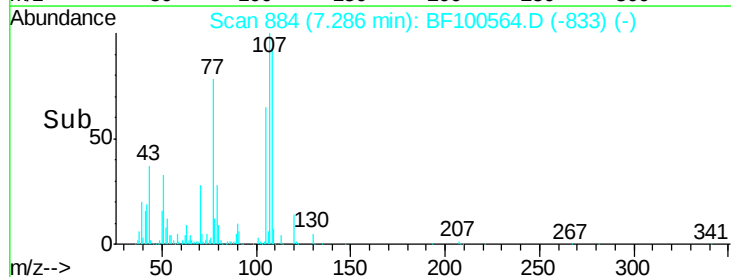
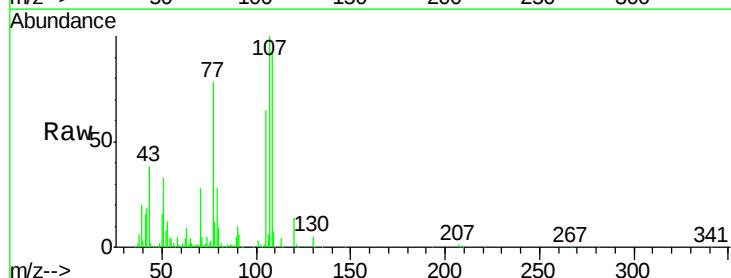
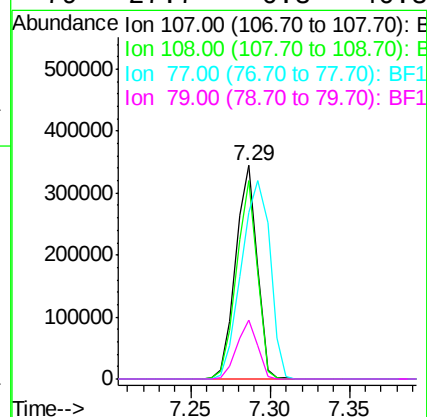
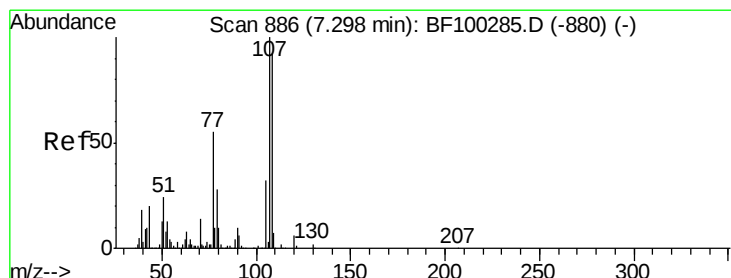
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion: 70 Resp: 216650
Ion Ratio Lower Upper
70 100
42 65.4 47.5 71.3
101 9.7 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.82 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion: 107 Resp: 324774
Ion Ratio Lower Upper
107 100
108 92.7 68.2 108.2
77 78.2 26.7 66.7#
79 27.7 6.3 46.3

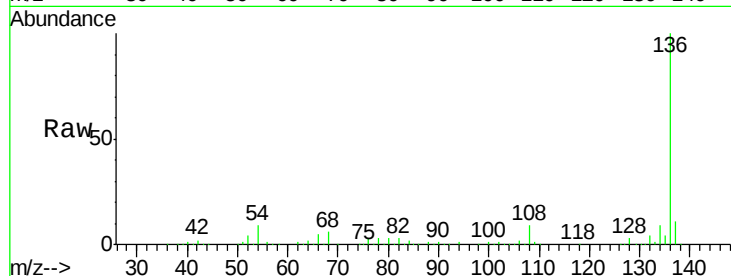




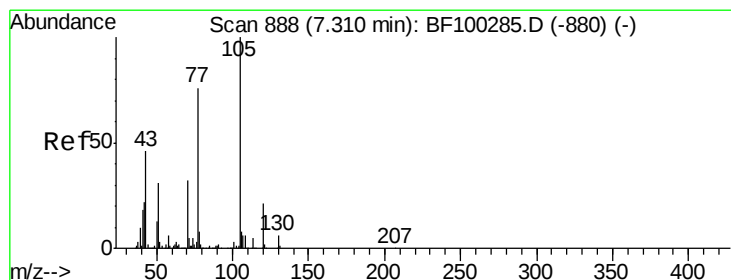
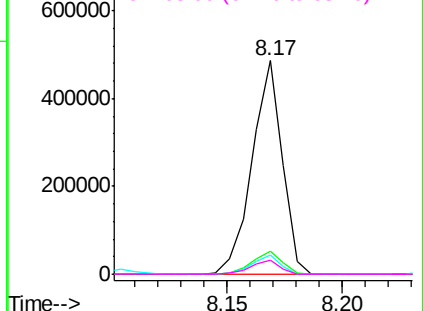
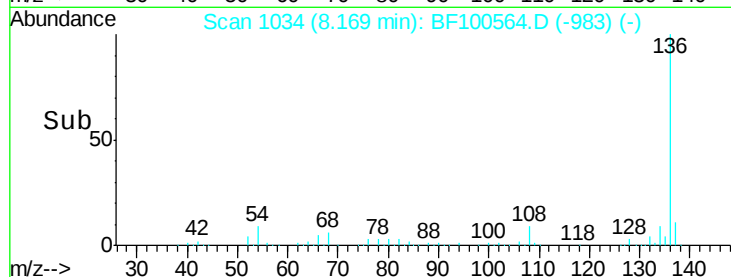
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion:	136	Resp:	444219
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

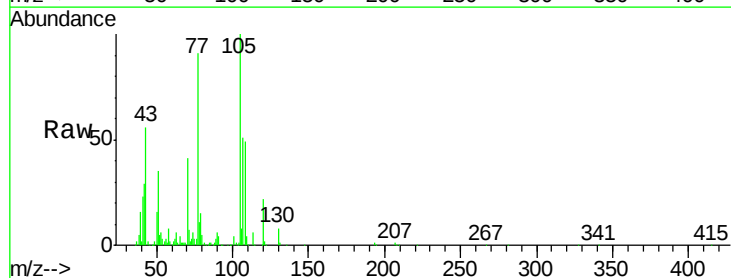


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

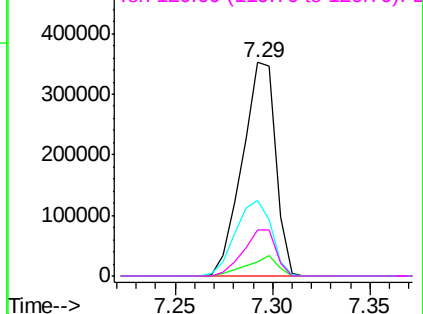
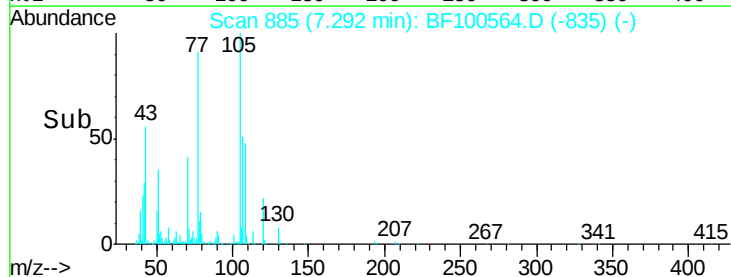


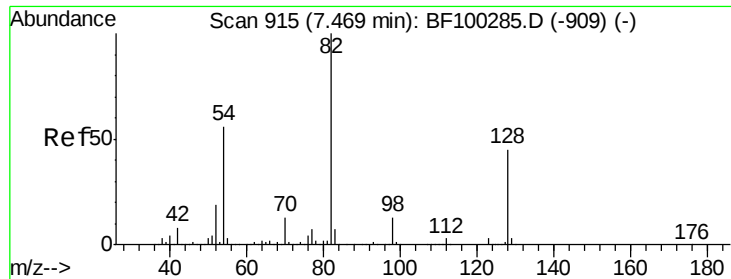
#22
Acetophenone
Concen: 38.57 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:	105	Resp:	417786
Ion Ratio	Lower	Upper	
105	100		
71	6.8	4.4	6.6#
51	35.5	22.3	33.5#
120	21.8	16.9	25.3



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

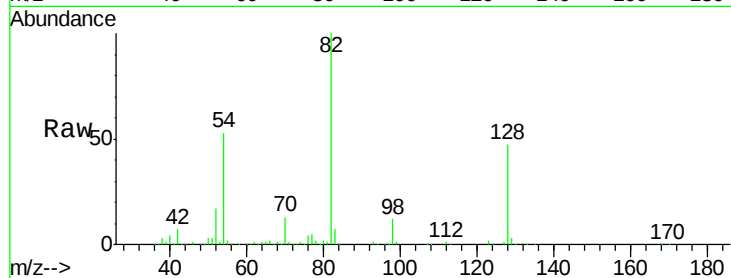




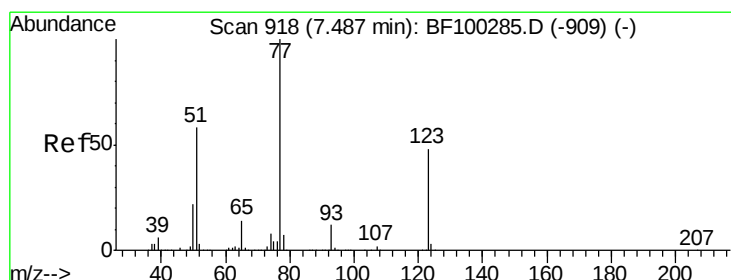
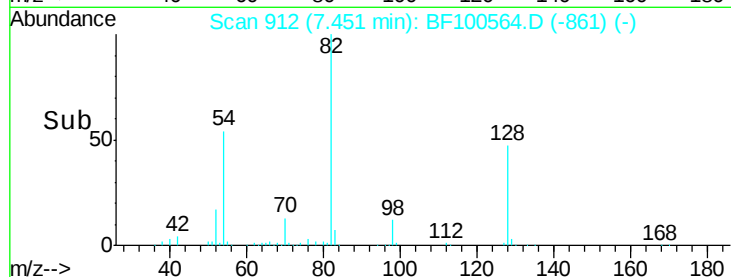
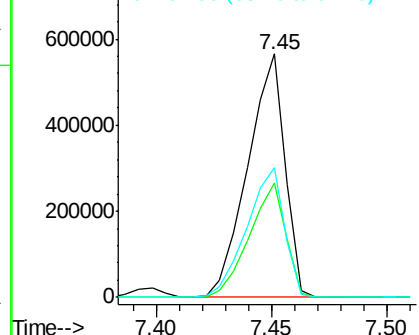
#23
 Nitrobenzene-d5
 Concen: 94.58 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	53.5	41.4	62.2

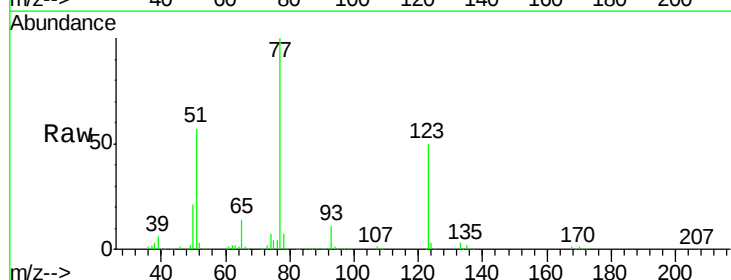


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

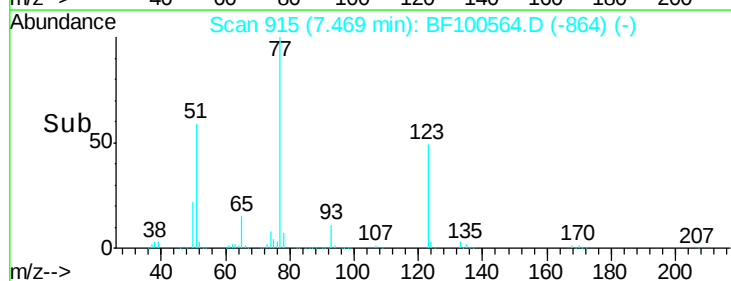
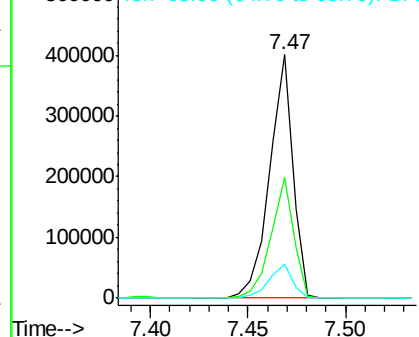


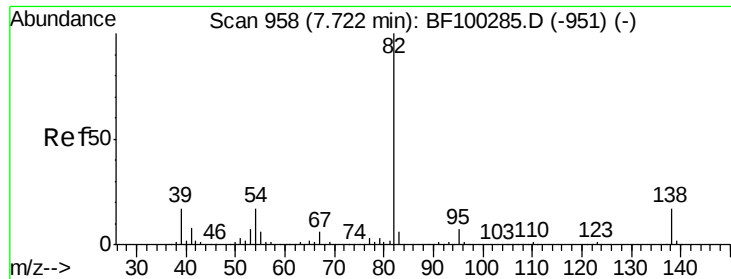
#24
 Nitrobenzene
 Concen: 48.07 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.9	56.9
65	14.0	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

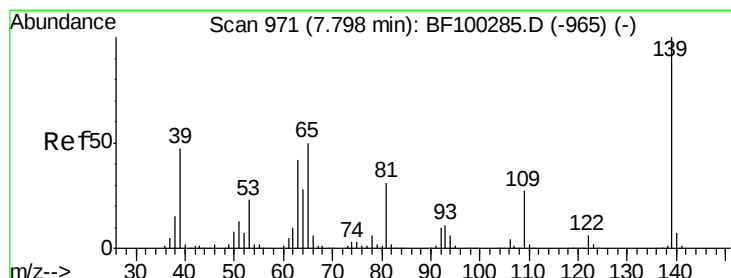
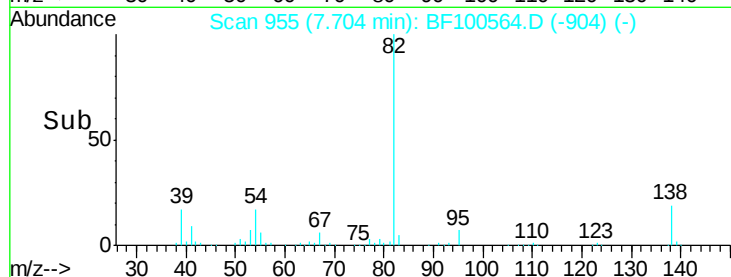
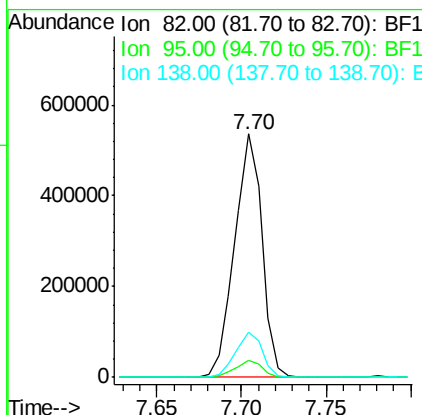
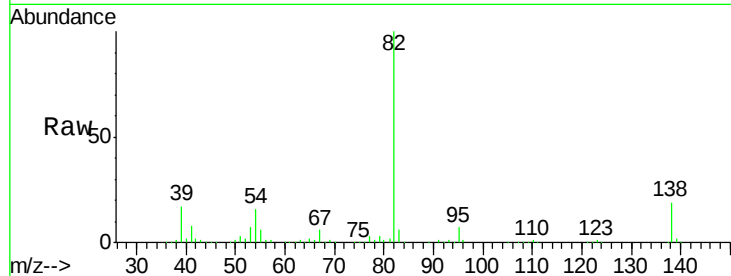




#25
Isophorone
Concen: 42.86 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

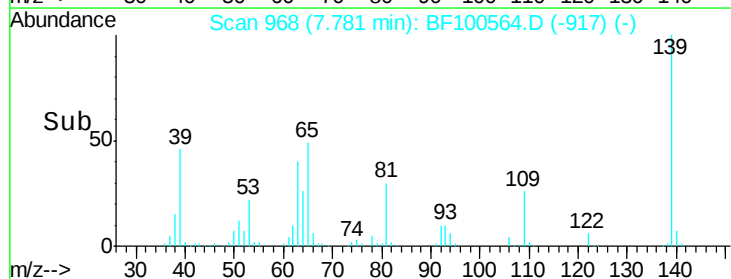
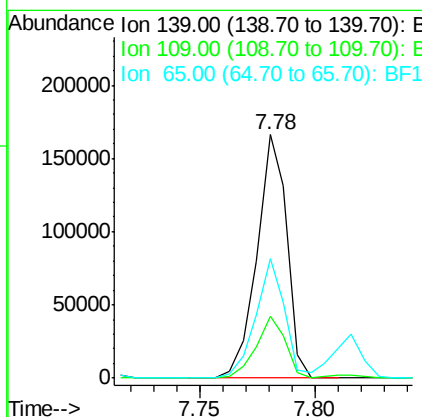
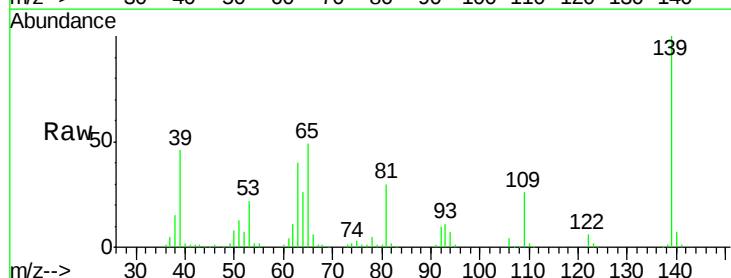
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

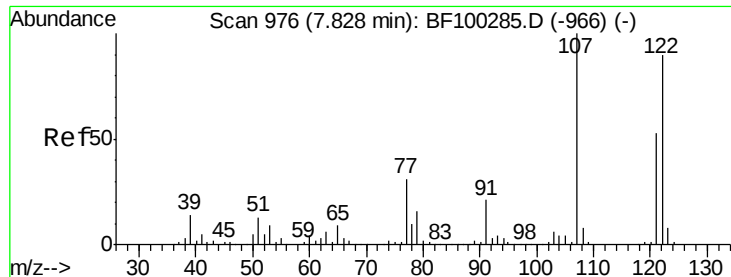
Tgt Ion: 82 Resp: 605101
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 46.53 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion: 139 Resp: 150264
Ion Ratio Lower Upper
139 100
109 25.6 22.7 34.1
65 49.1 40.5 60.7

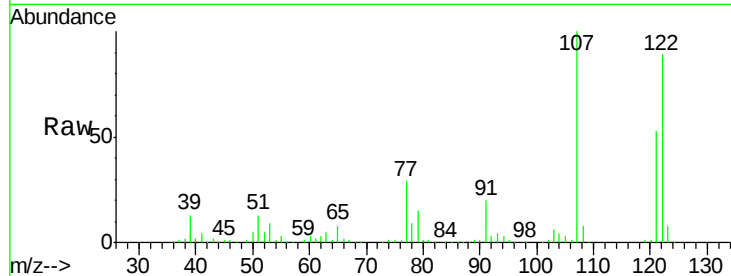




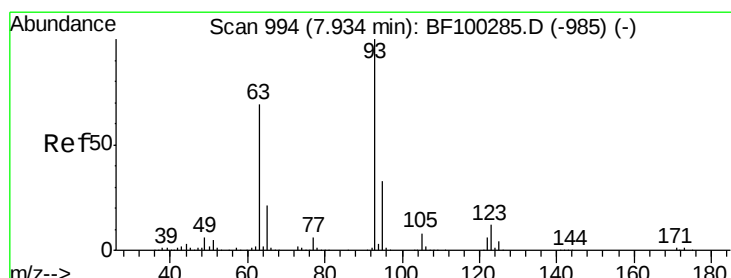
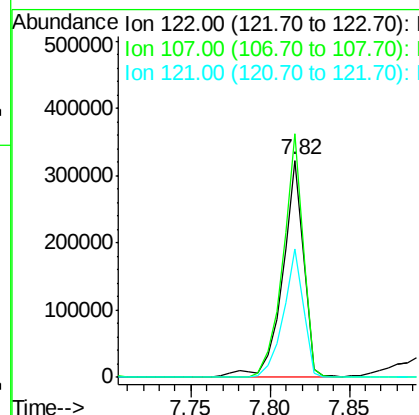
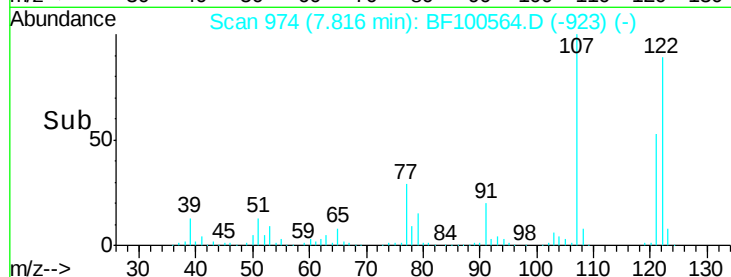
#27
2,4-Dimethylphenol
Concen: 46.85 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	59.2	47.2	70.8

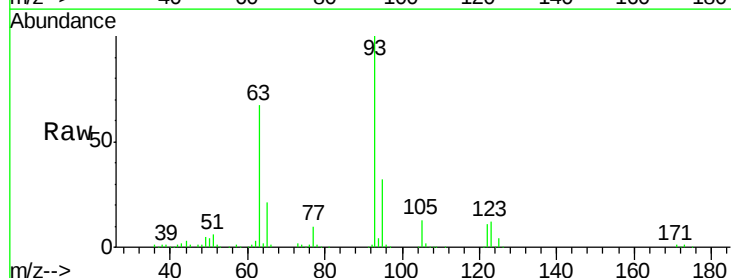


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

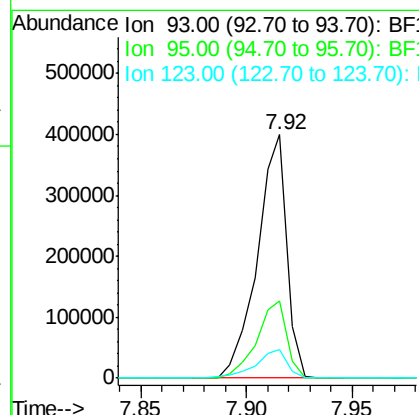
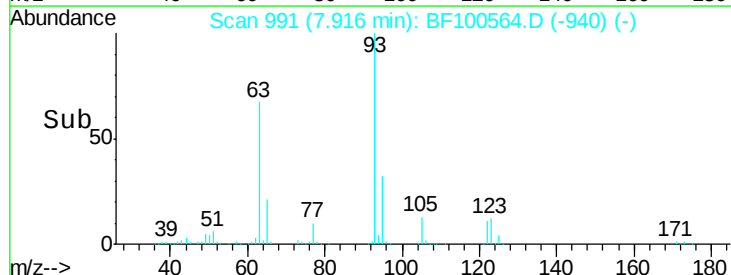


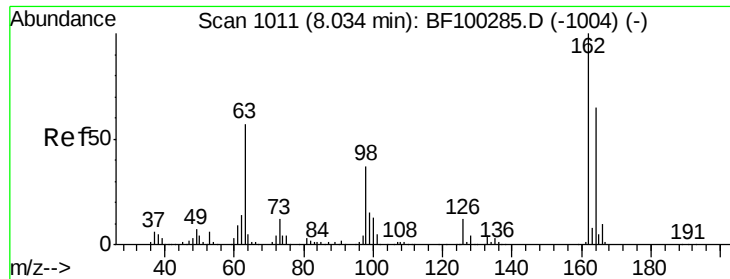
#28
bis(2-Chloroethoxy)methane
Concen: 41.97 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.9	9.8	14.6



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

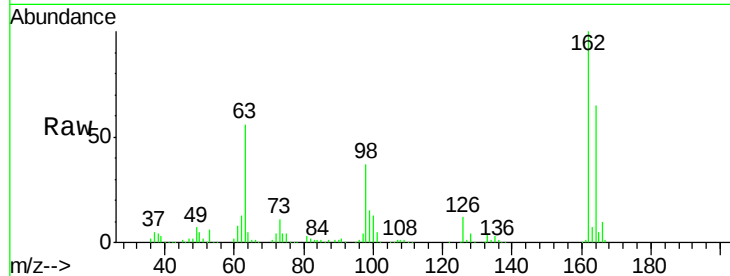




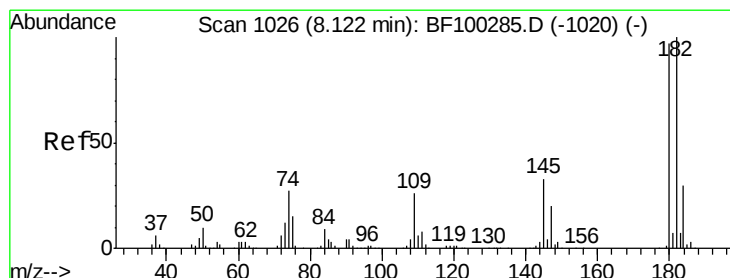
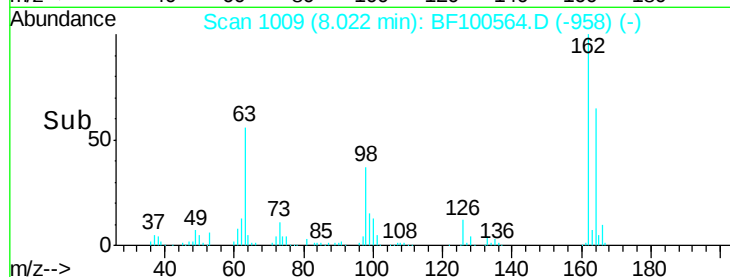
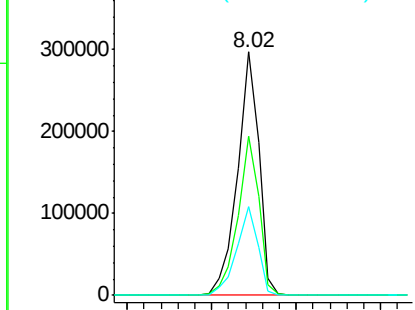
#29
 2,4-Dichlorophenol
 Concen: 43.44 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	36.6	18.1	58.1

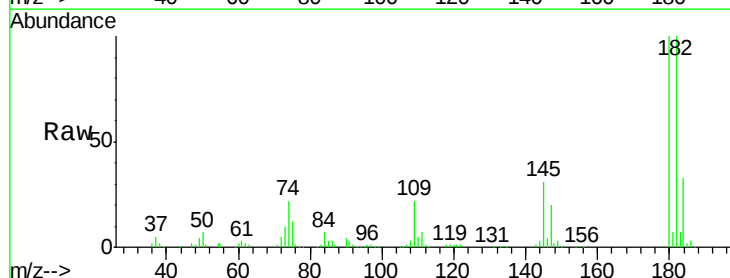


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

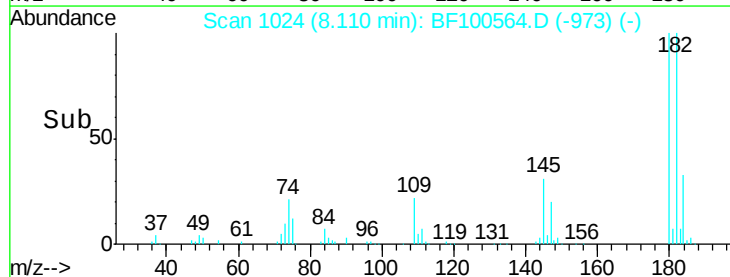
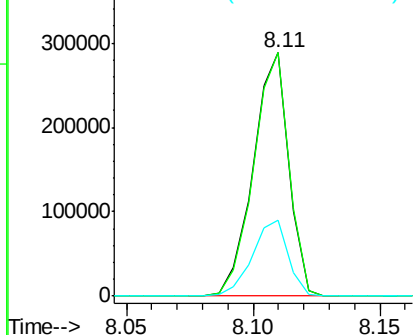


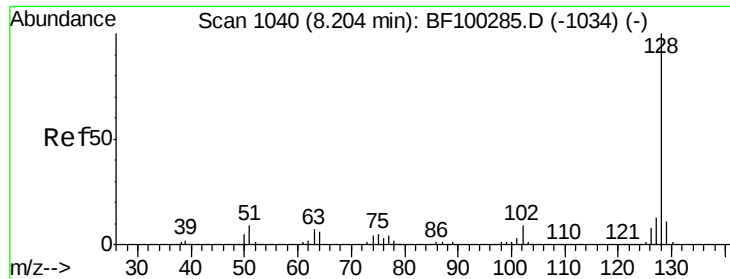
#30
 1,2,4-Trichlorobenzene
 Concen: 42.89 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	31.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

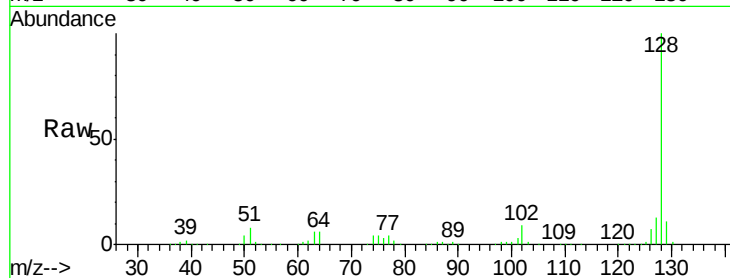




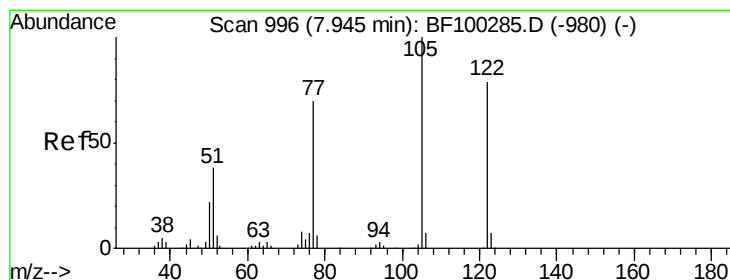
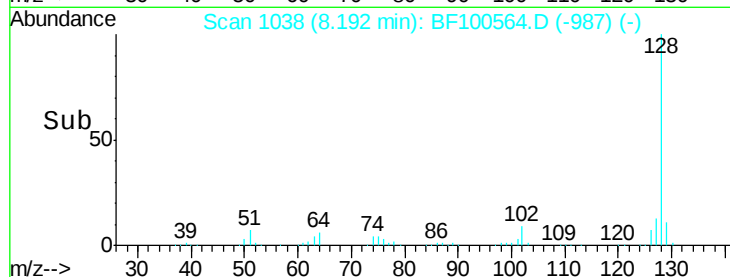
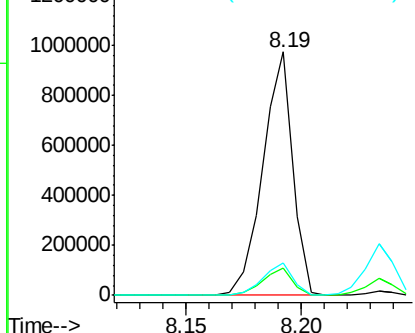
#31
Naphthalene
Concen: 41.05 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion:128 Resp: 878360
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

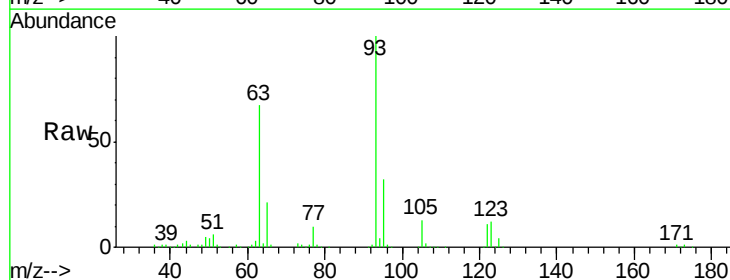


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

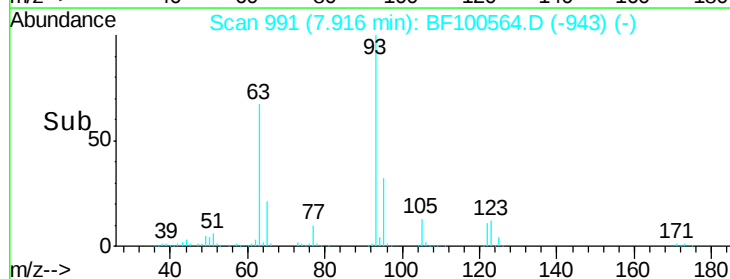
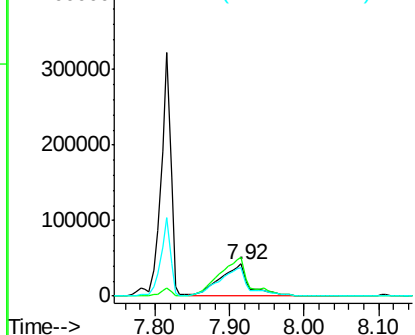


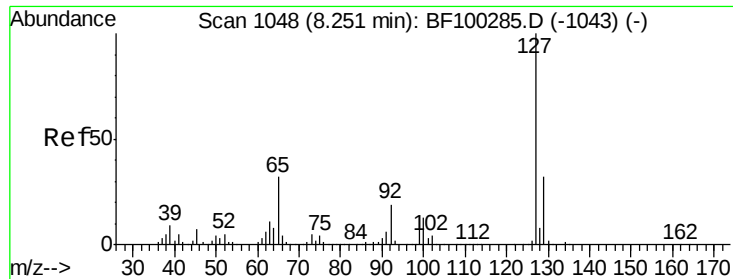
#32
Benzoic acid
Concen: 28.48 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:122 Resp: 115112
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 91.6 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

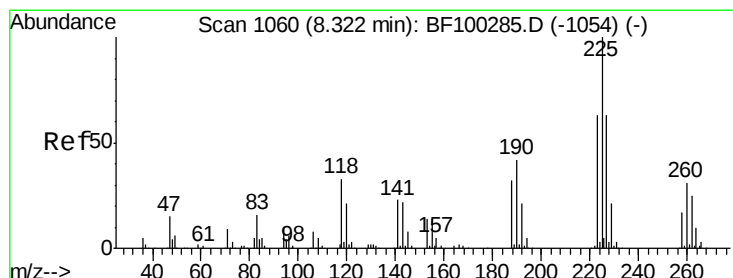
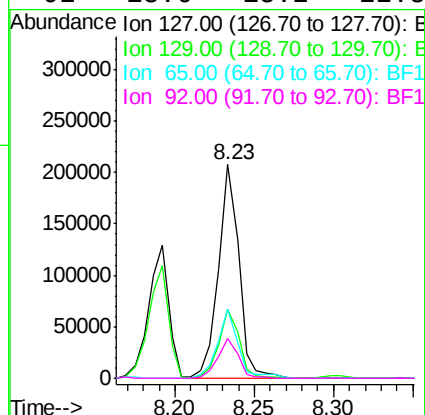
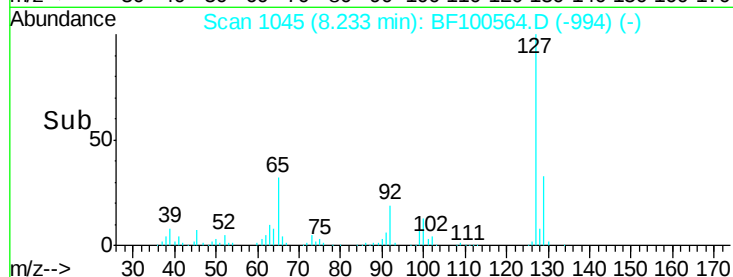
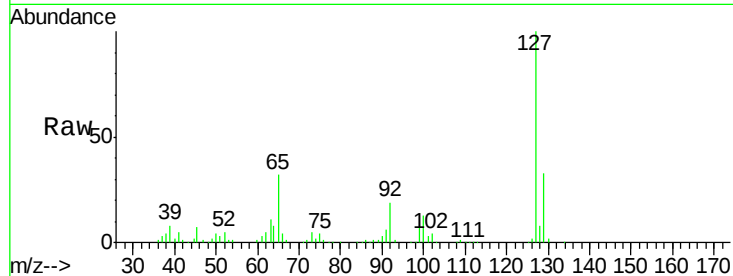




#33
4-Chloroaniline
Concen: 21.09 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

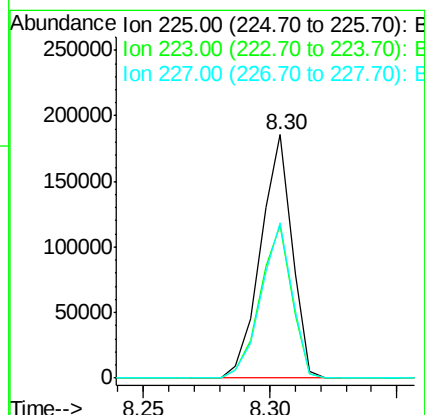
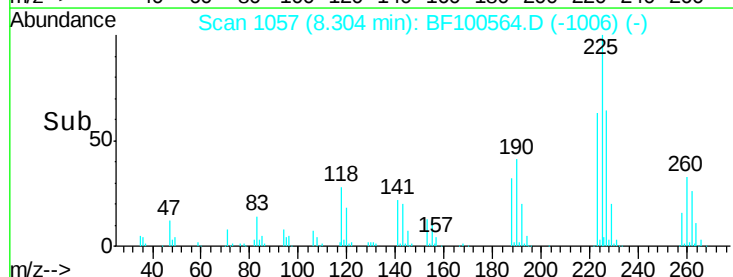
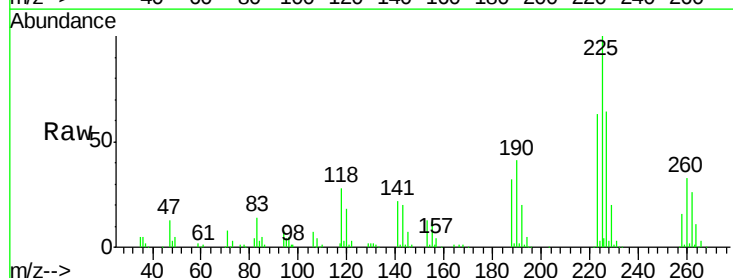
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

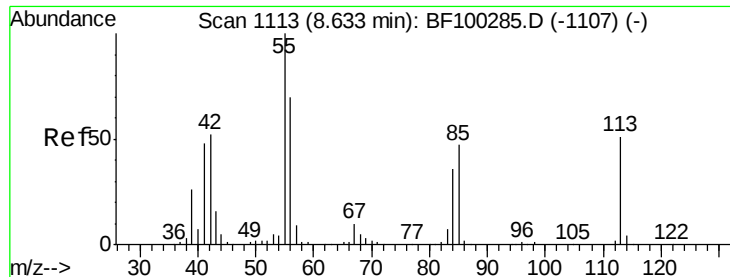
Tgt Ion:	127	Resp:	187815
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	32.1	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.34 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:	225	Resp:	160650
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.7	51.9	77.9

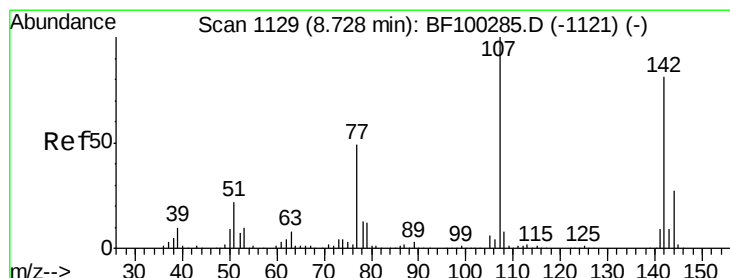
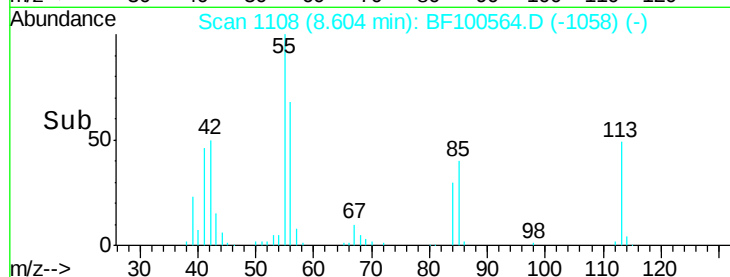
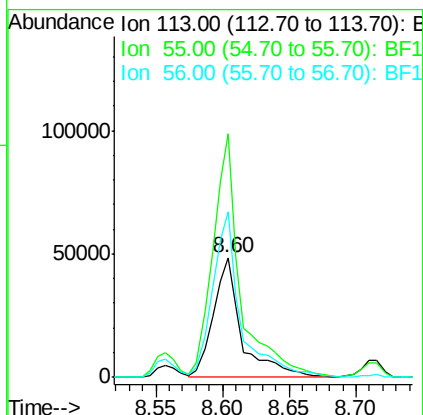
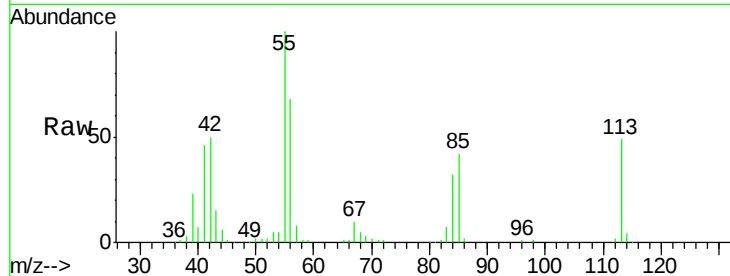




#35
 Caprolactam
 Concen: 35.07 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

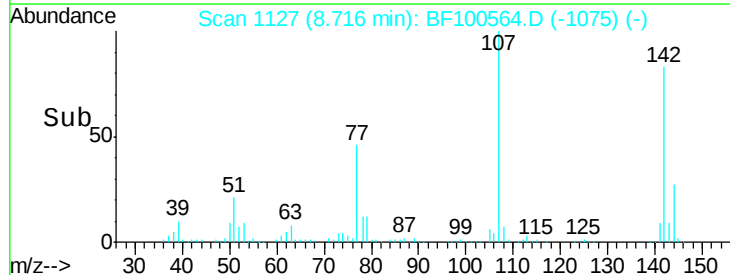
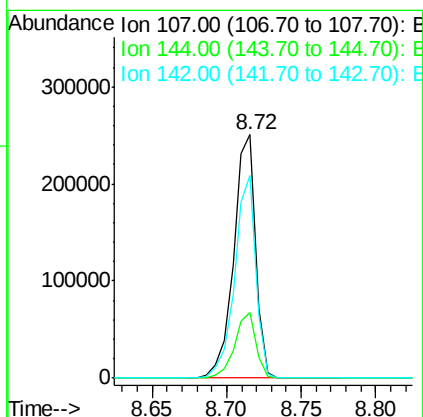
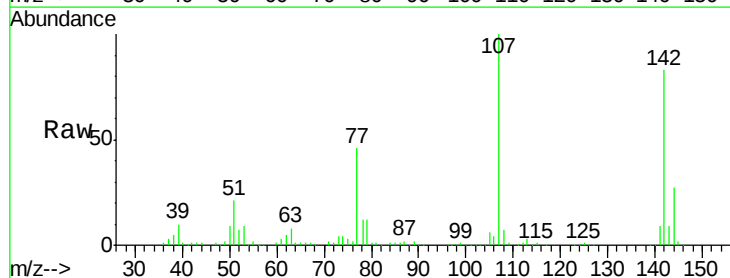
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

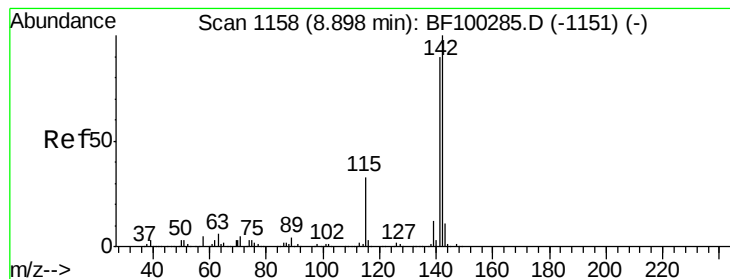
Tgt Ion:113 Resp: 72720
 Ion Ratio Lower Upper
 113 100
 55 202.9 163.3 203.3
 56 138.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.92 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:107 Resp: 259033
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 83.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.44 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

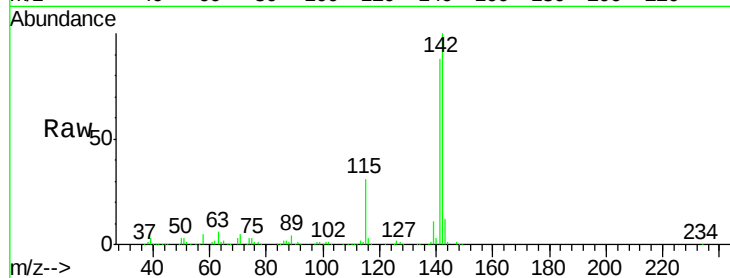
Tgt Ion:142 Resp: 574466

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

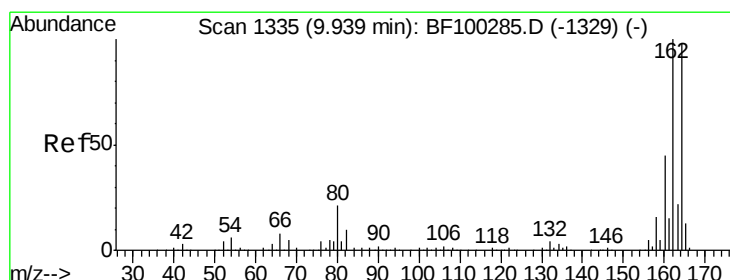
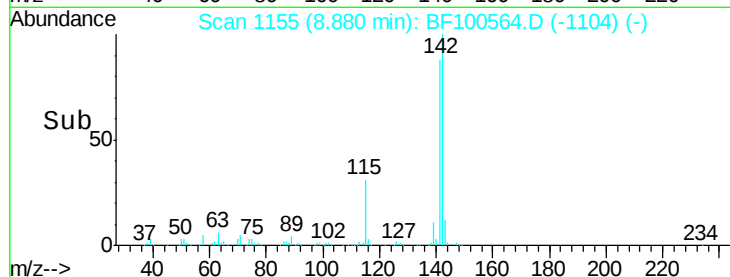
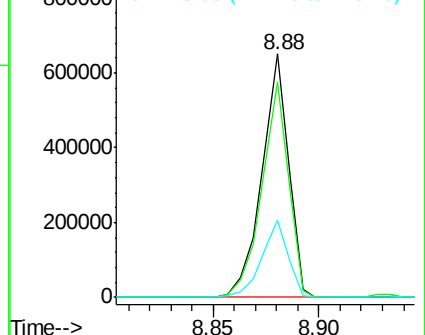
115 31.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

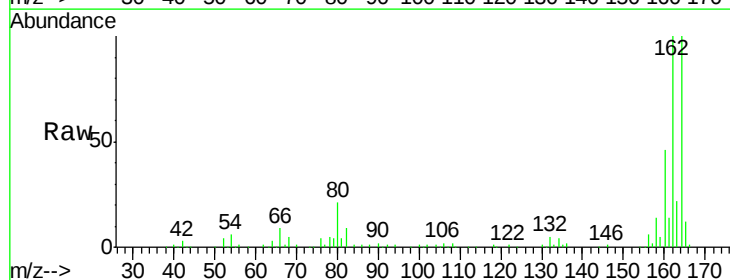
Tgt Ion:164 Resp: 178044

Ion Ratio Lower Upper

164 100

162 100.2 86.1 129.1

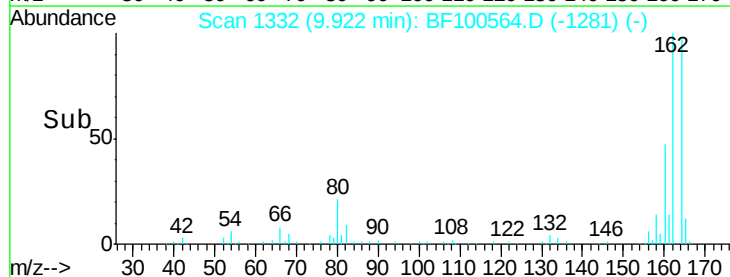
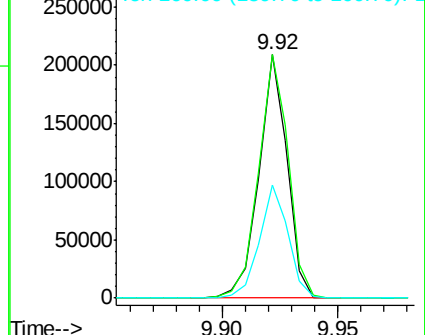
160 46.5 38.3 57.5

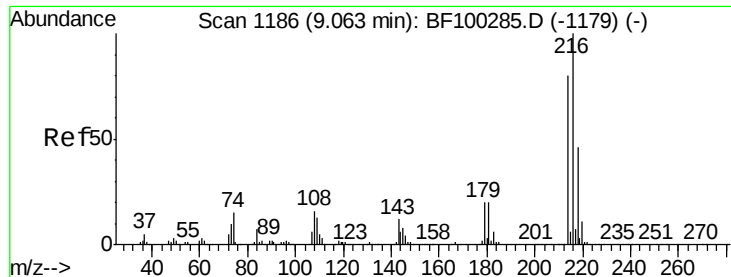


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

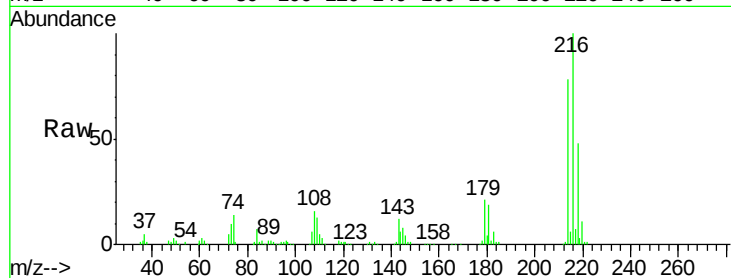




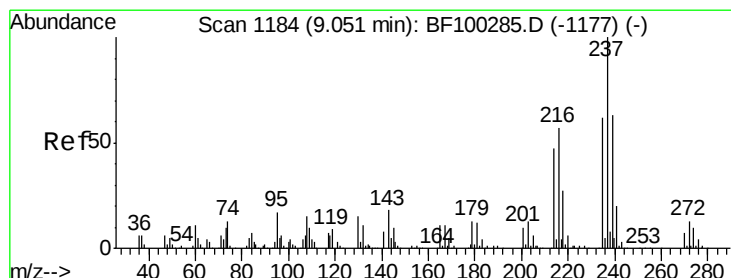
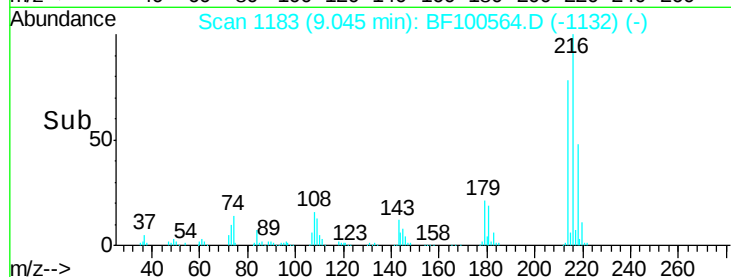
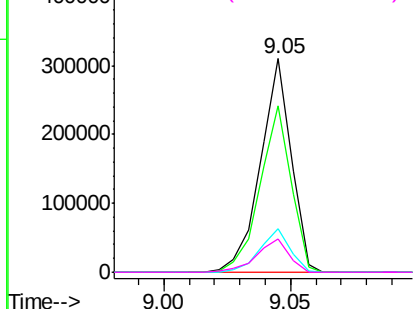
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.34 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion:	216	Resp:	261796
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.2	18.1	27.1
108	16.4	17.2	25.8#

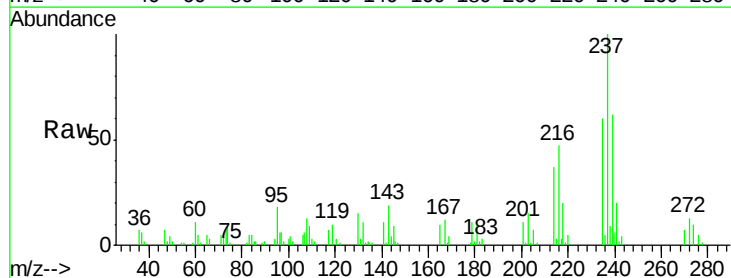


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

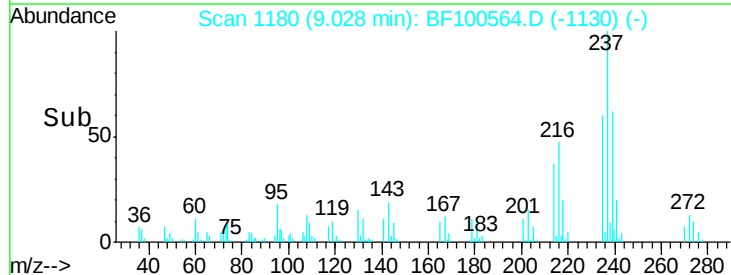
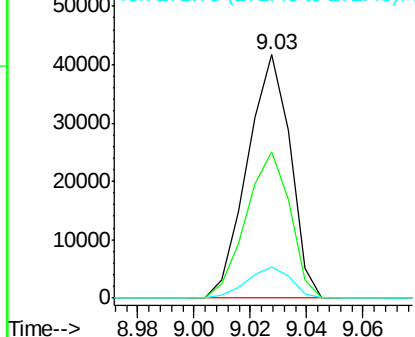


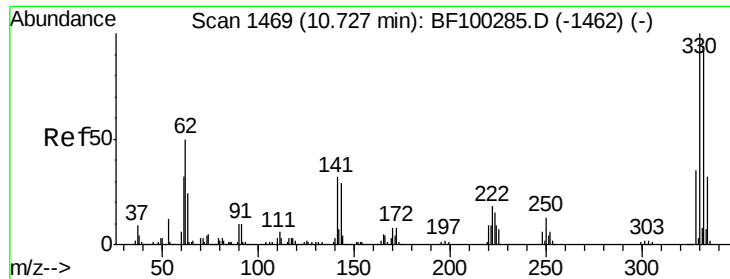
#40
 Hexachlorocyclopentadiene
 Concen: 15.82 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:	237	Resp:	43971
Ion	Ratio	Lower	Upper
237	100		
235	60.1	44.8	84.8
272	12.6	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

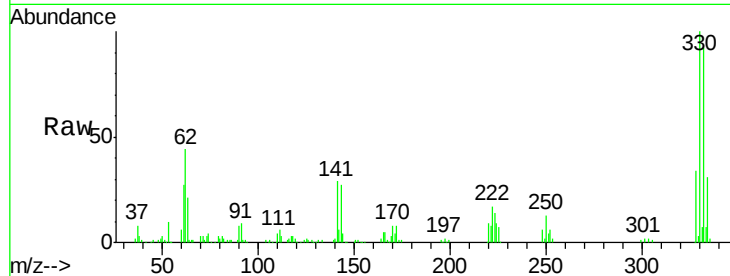




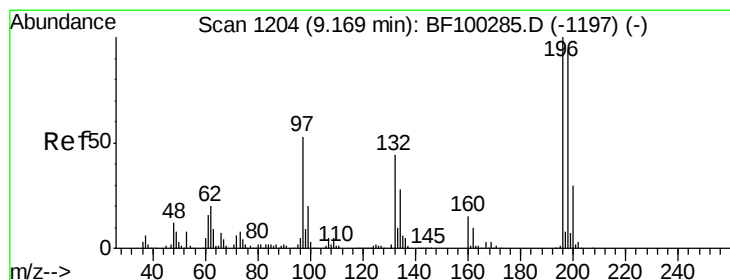
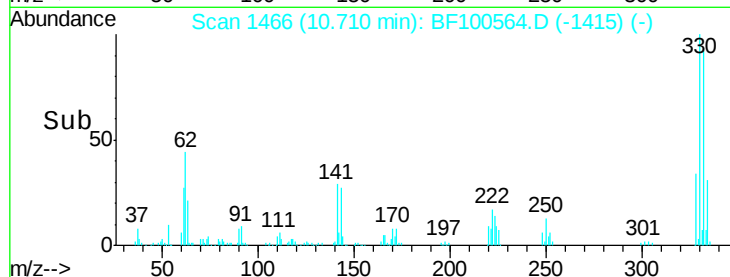
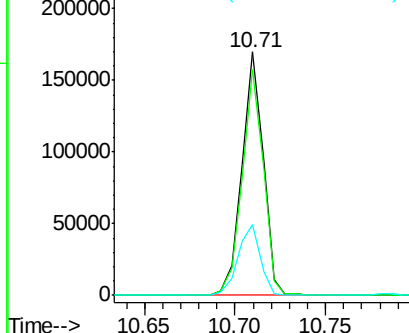
#41
 2,4,6-Tribromophenol
 Concen: 76.43 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion:330 Resp: 138673
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.0 115.6
 141 30.4 29.9 44.9

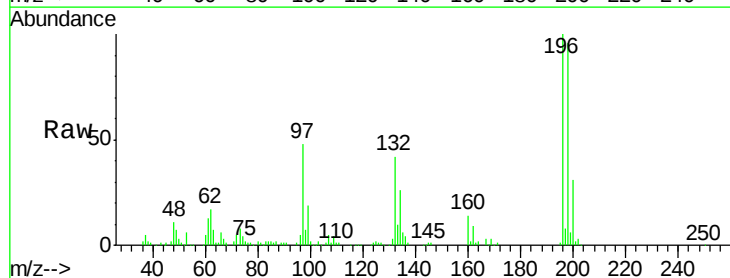


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

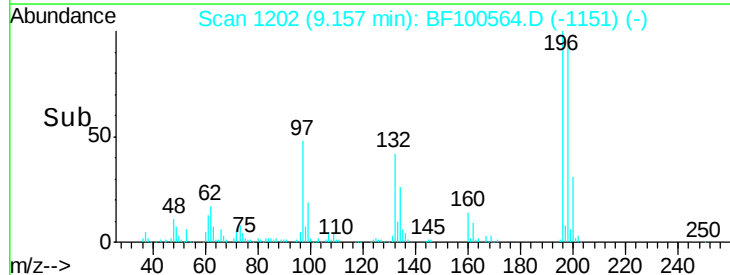
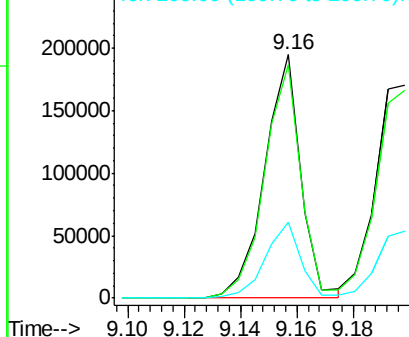


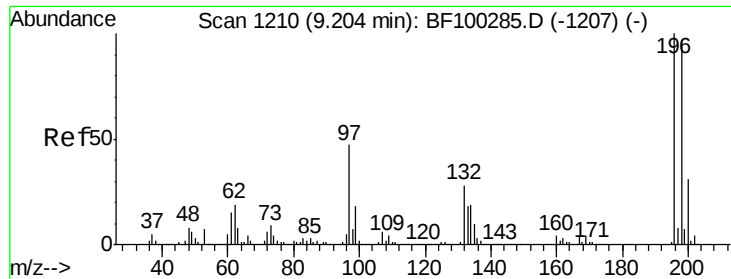
#42
 2,4,6-Trichlorophenol
 Concen: 46.18 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:196 Resp: 172805
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 31.2 24.5 36.7



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

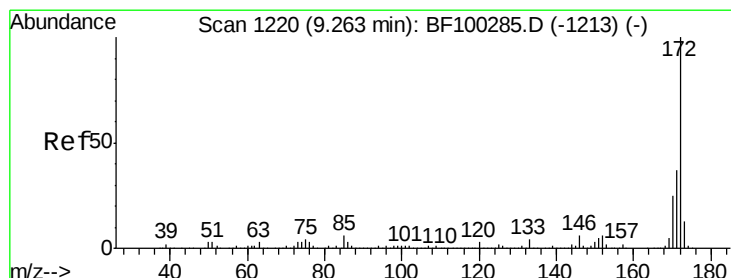
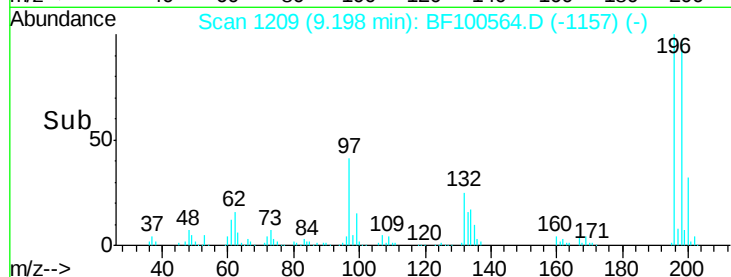
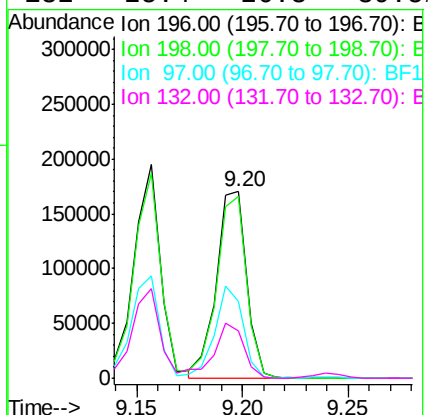
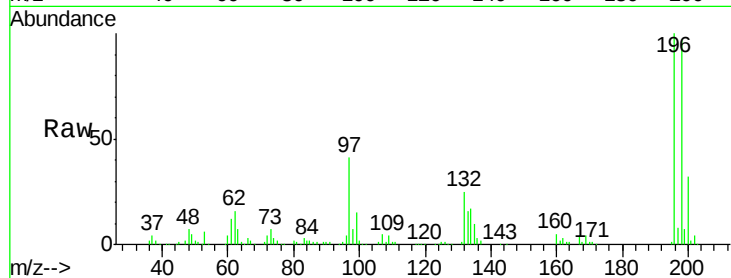




#43
 2,4,5-Trichlorophenol
 Concen: 43.87 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

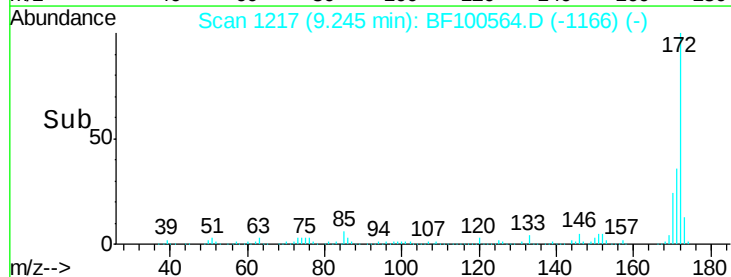
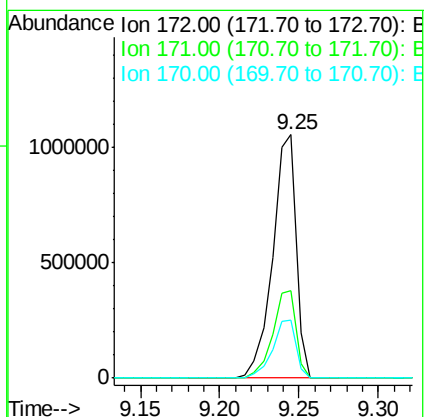
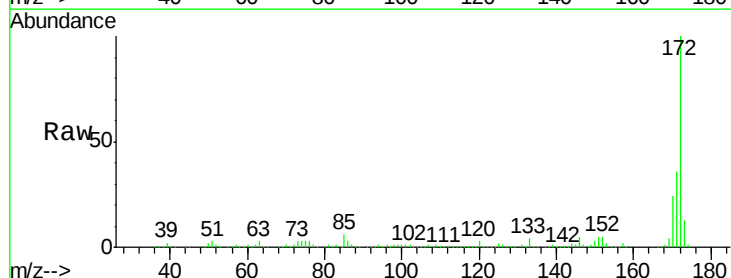
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

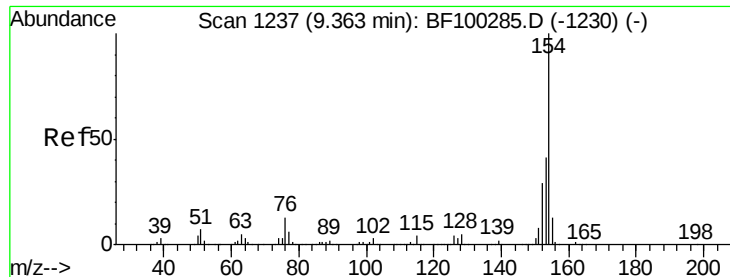
Tgt Ion:	196	Resp:	170115
Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	40.9	42.9	64.3#
132	25.4	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 93.31 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:	172	Resp:	1091064
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

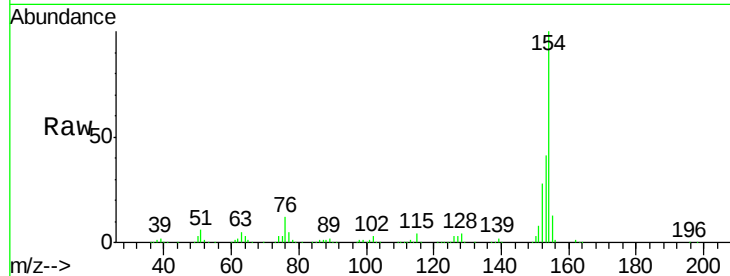




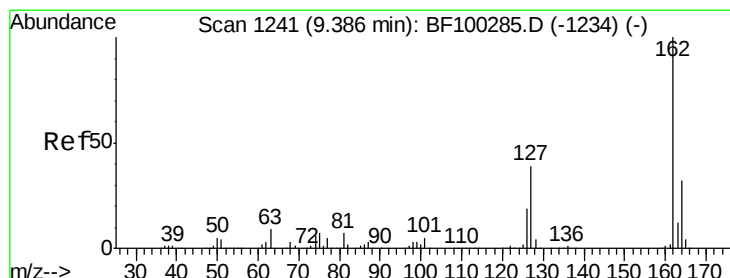
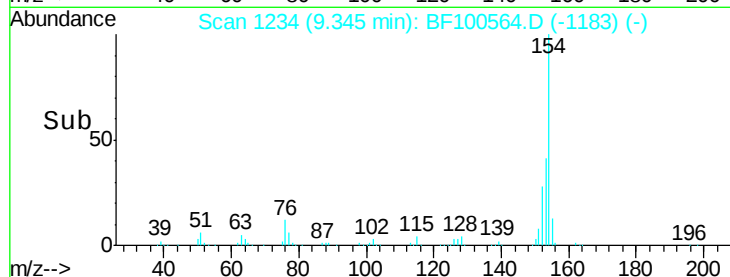
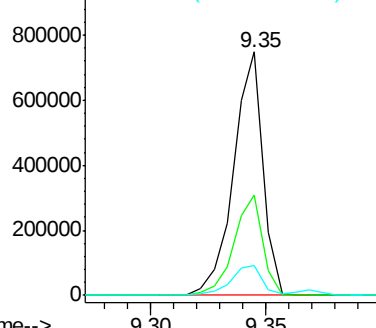
#45
1,1'-Biphenyl
Concen: 42.81 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.1	0.0	34.0

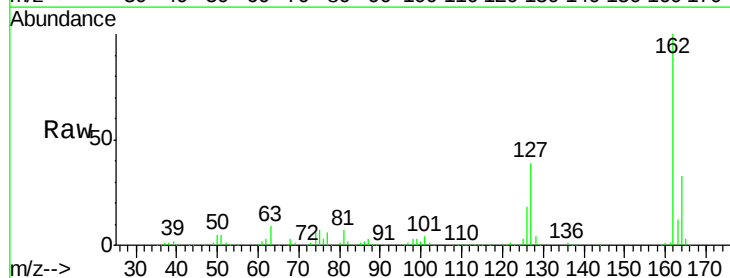


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

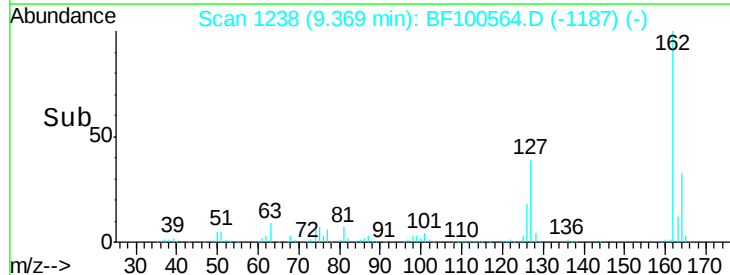
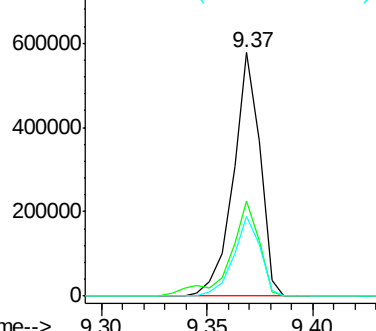


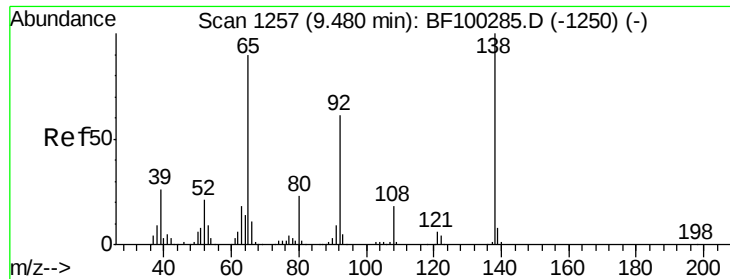
#46
2-Chloronaphthalene
Concen: 45.35 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	32.7	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

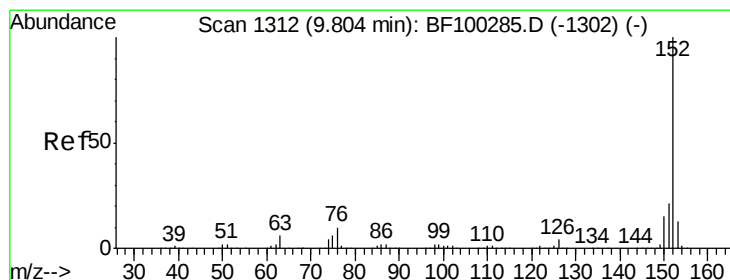
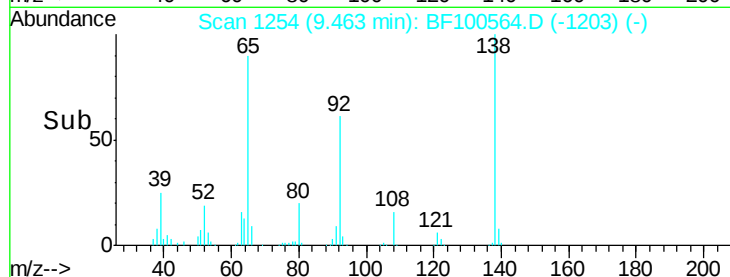
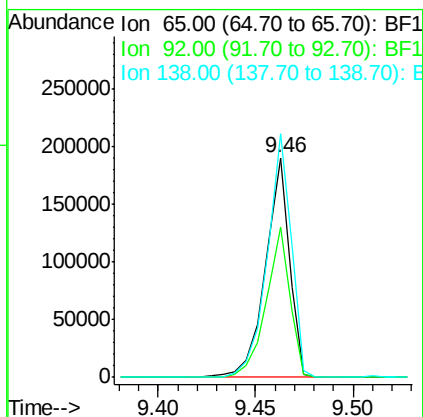
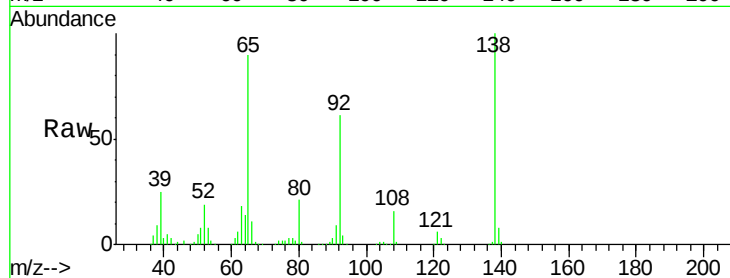




#47
2-Nitroaniline
Concen: 49.17 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

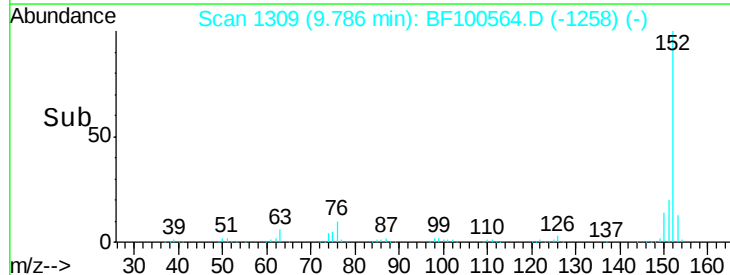
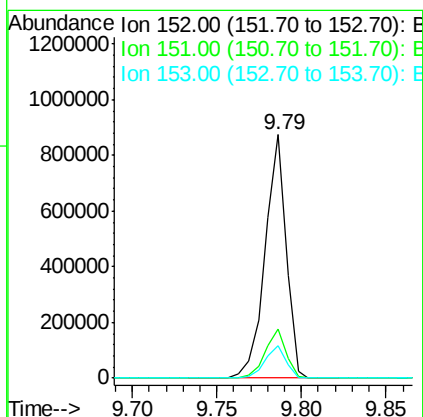
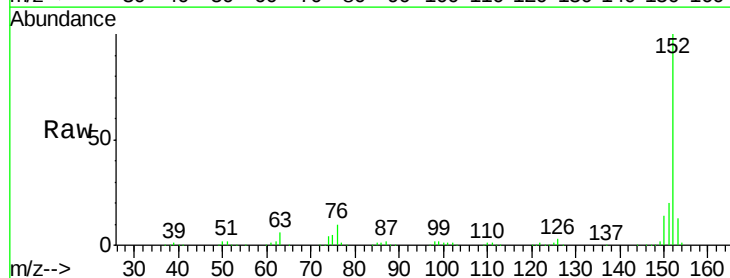
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

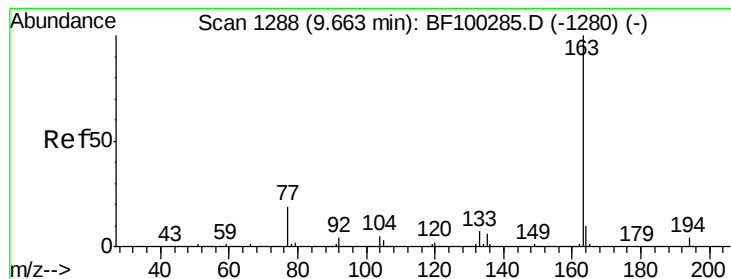
Tgt Ion: 65 Resp: 162545
Ion Ratio Lower Upper
65 100
92 68.2 55.8 83.6
138 110.9 91.2 136.8



#48
Acenaphthylene
Concen: 40.67 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion: 152 Resp: 752935
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.1 10.7 16.1

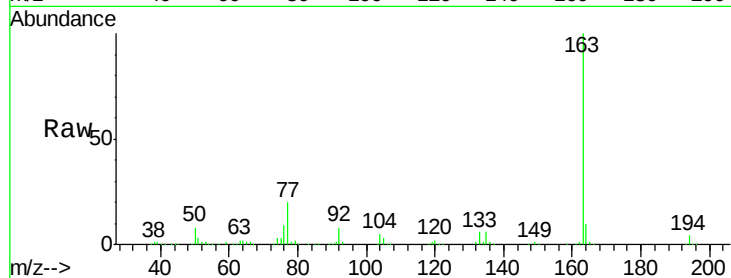




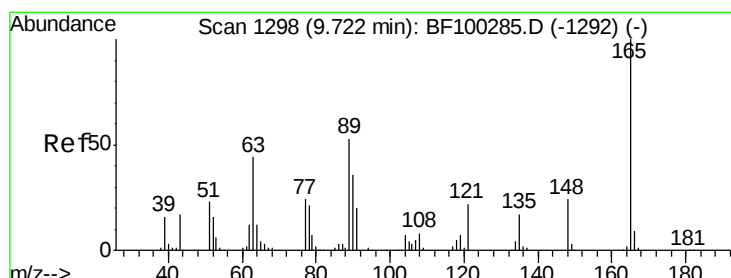
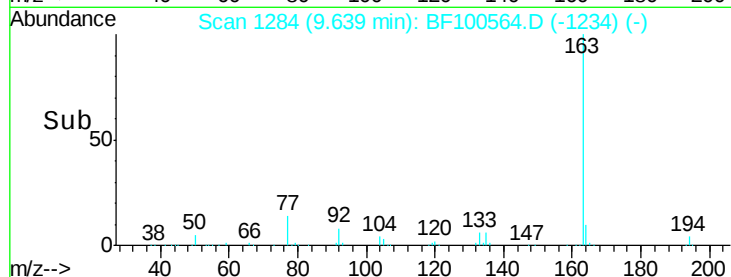
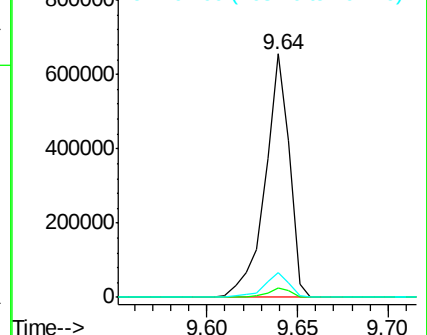
#49
Dimethylphthalate
Concen: 44.73 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion:163 Resp: 608072
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

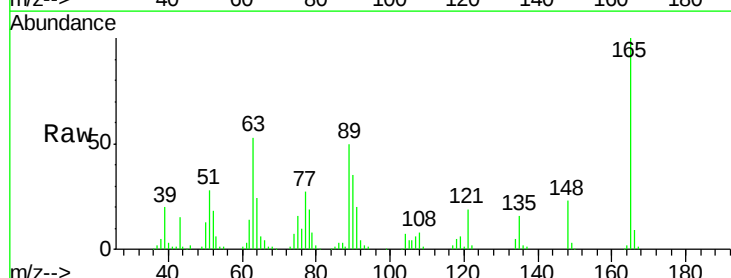


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

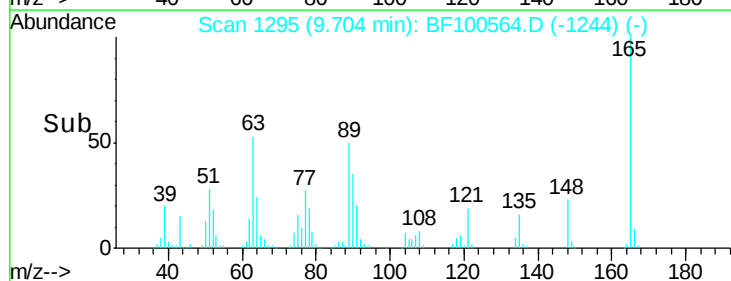
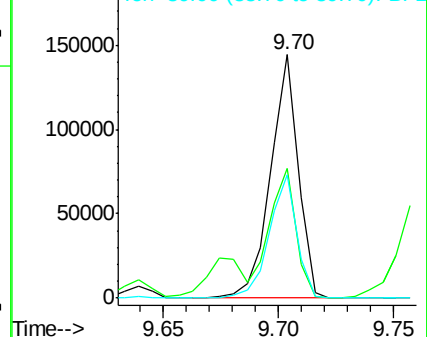


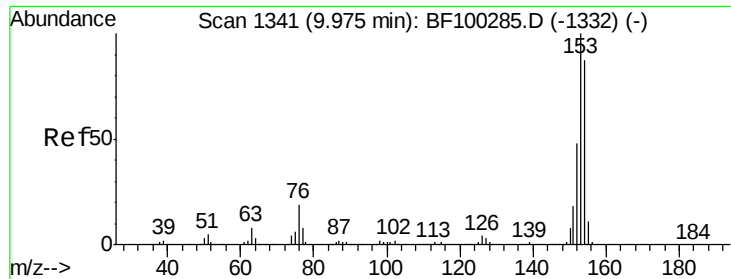
#50
2,6-Dinitrotoluene
Concen: 44.70 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:165 Resp: 120285
Ion Ratio Lower Upper
165 100
63 53.2 44.7 67.1
89 50.4 44.0 66.0



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





#51

Acenaphthene

Concen: 38.89 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

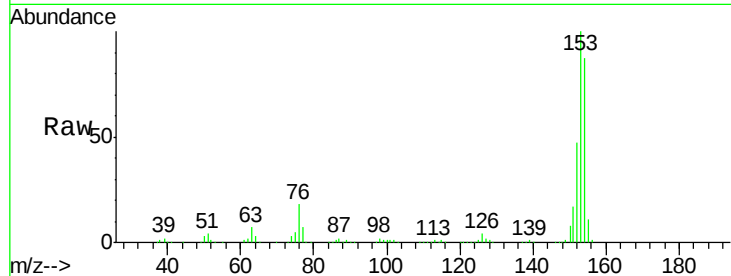
Tgt Ion:154 Resp: 437867

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

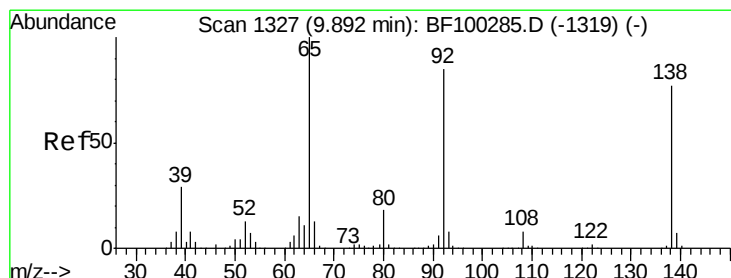
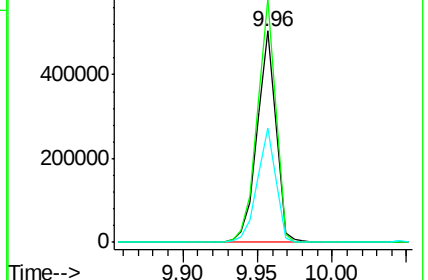
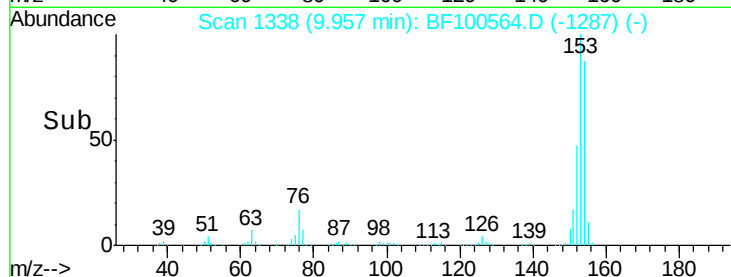
152 53.9 43.8 65.8



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: 36.64 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

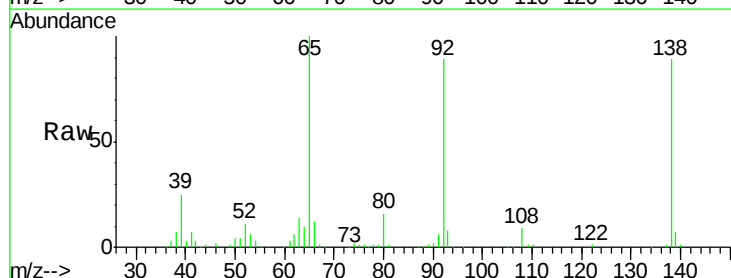
Tgt Ion:138 Resp: 116418

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

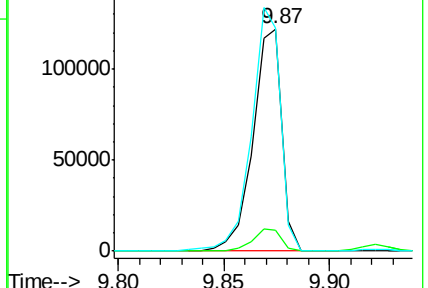
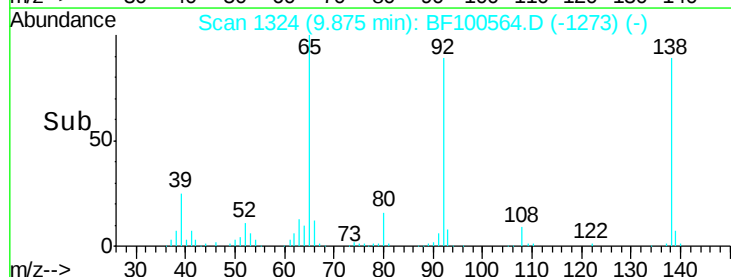
92 100.2 89.4 134.2

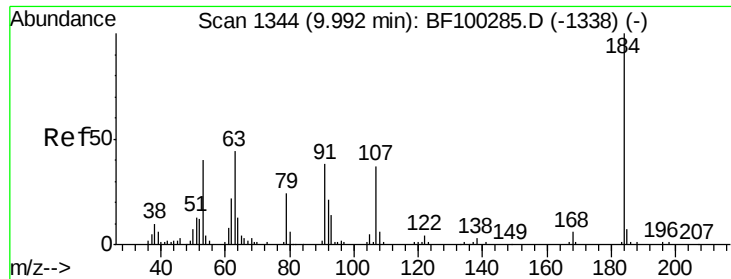


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

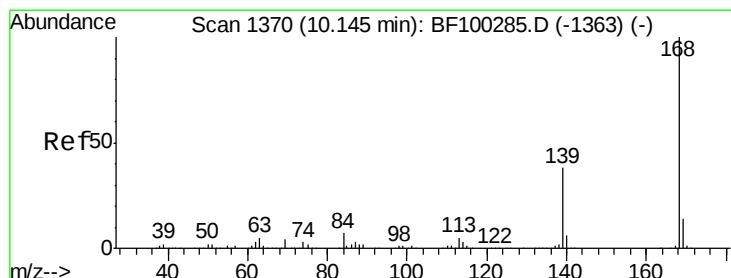
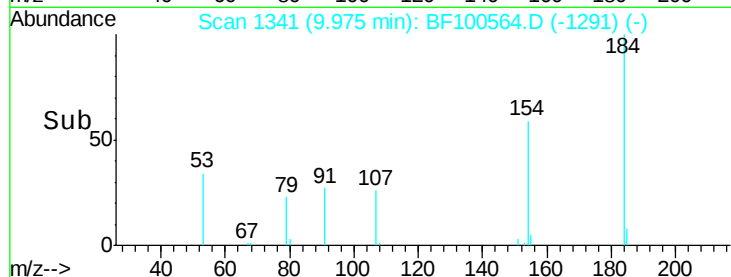
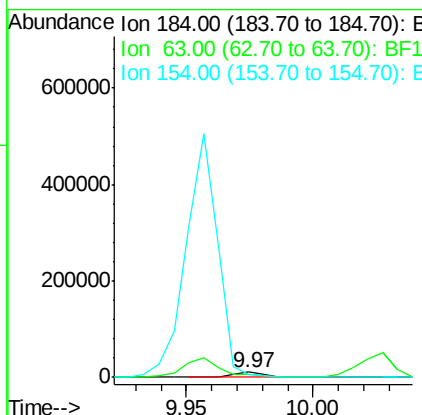
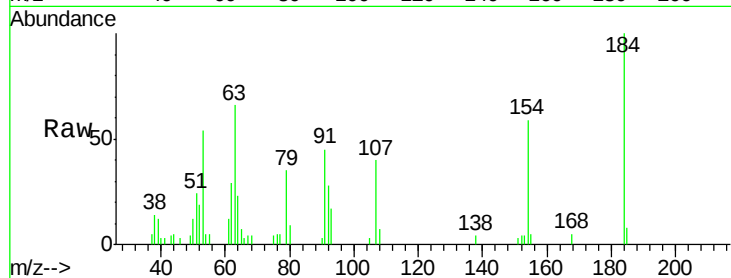




#53
 2,4-Dinitrophenol
 Concen: 17.73 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

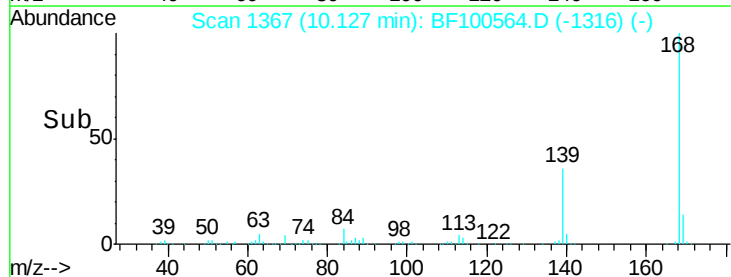
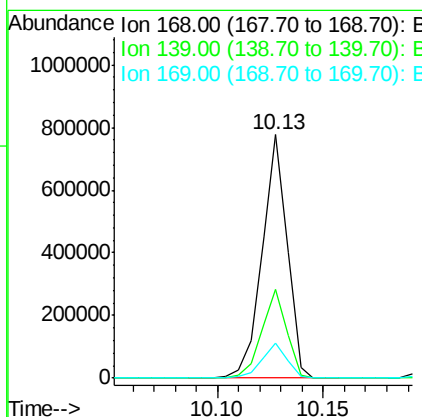
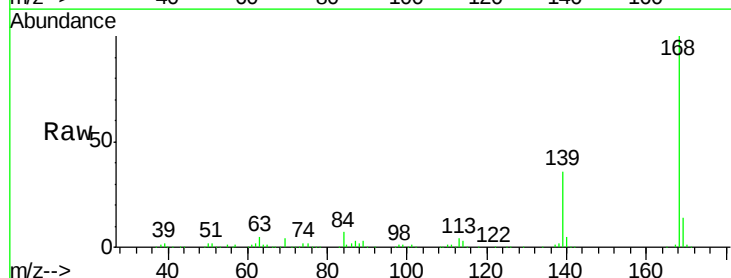
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

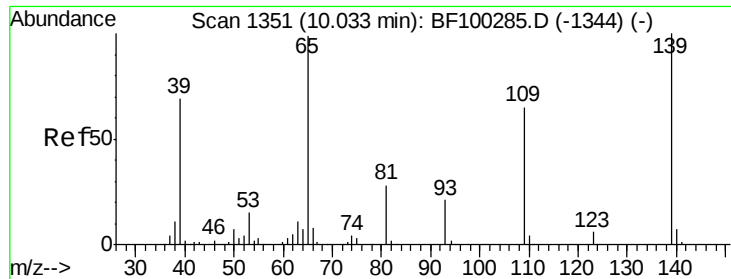
Tgt Ion:184 Resp: 8997
 Ion Ratio Lower Upper
 184 100
 63 66.0 54.2 81.2
 154 59.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.65 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:168 Resp: 641478
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.1 45.1
 169 14.2 10.9 16.3





#55

4-Nitrophenol

Concen: 70.21 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

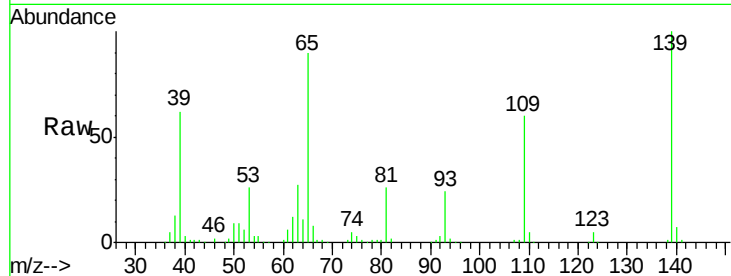
Tgt Ion:139 Resp: 181144

Ion Ratio Lower Upper

139 100

109 59.7 48.4 88.4

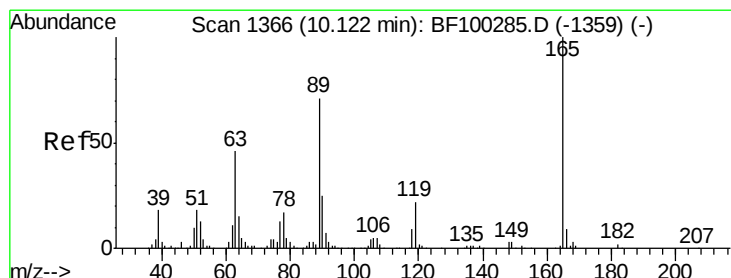
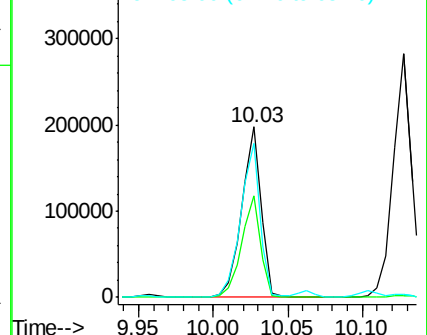
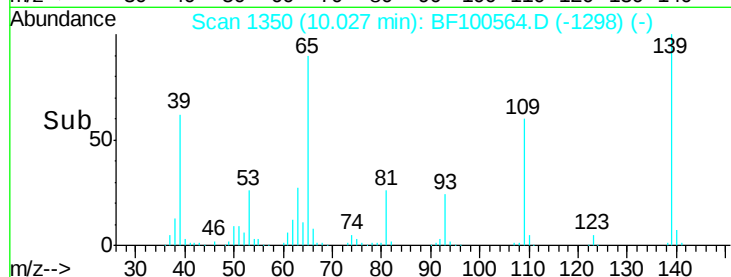
65 90.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 42.59 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Tgt Ion:165 Resp: 144582

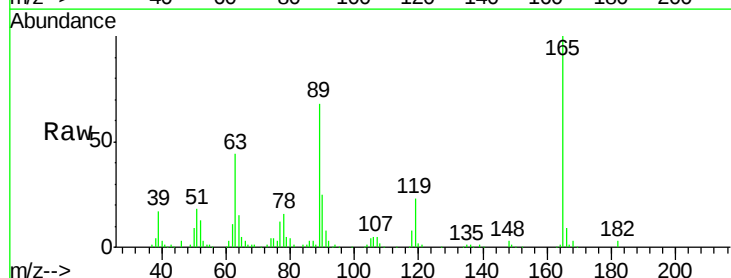
Ion Ratio Lower Upper

165 100

63 44.1 36.4 54.6

89 68.2 57.8 86.6

182 2.7 1.6 2.4#

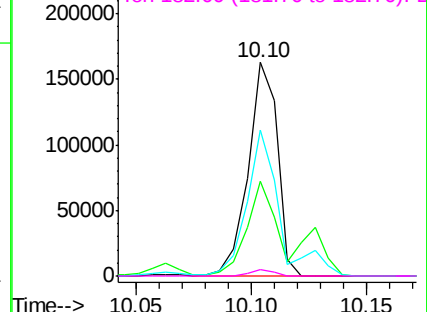
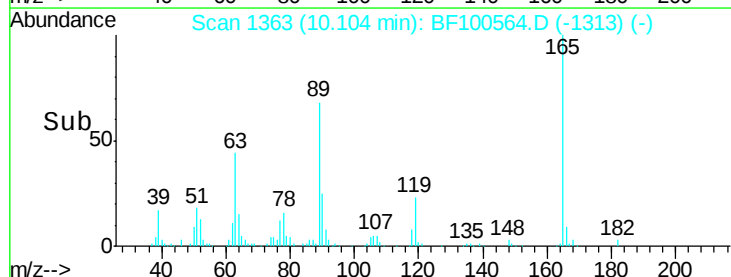


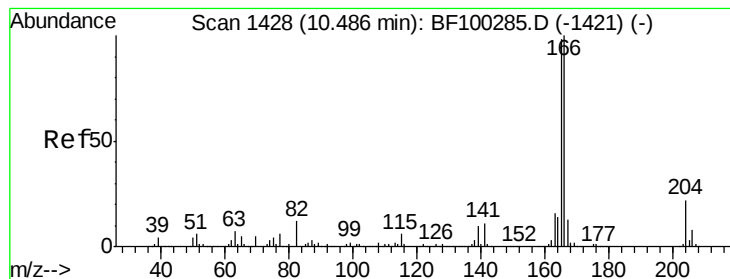
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.64 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

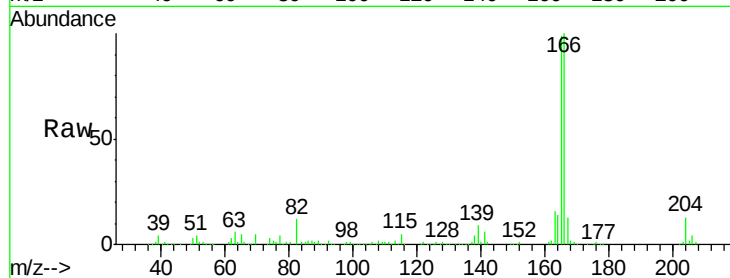
Tgt Ion:166 Resp: 458243

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

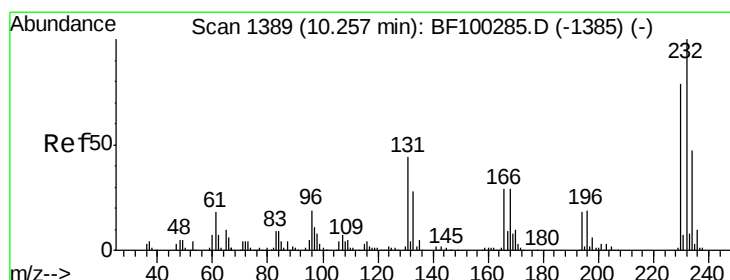
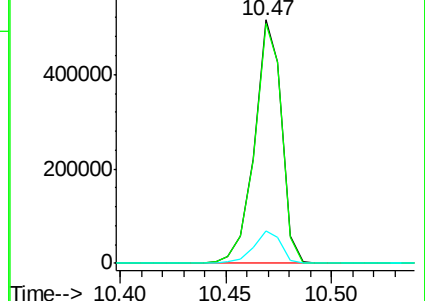
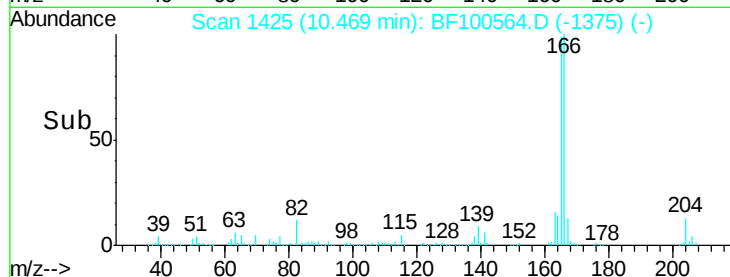
167 13.1 10.6 16.0



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: 39.93 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Tgt Ion:232 Resp: 126876

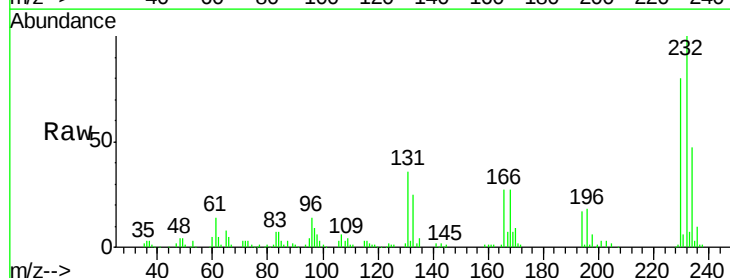
Ion Ratio Lower Upper

232 100

131 41.6 43.8 65.8#

130 1.9 2.1 3.1#

166 29.3 27.8 41.6

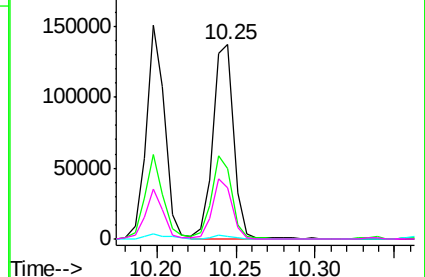
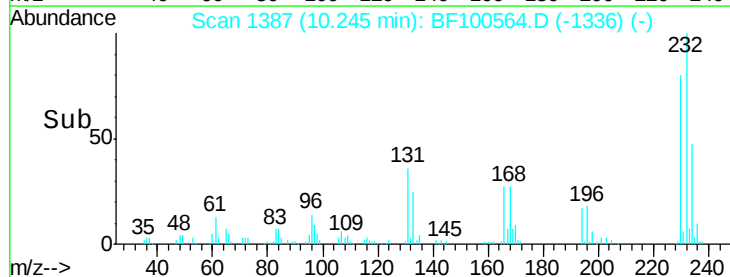


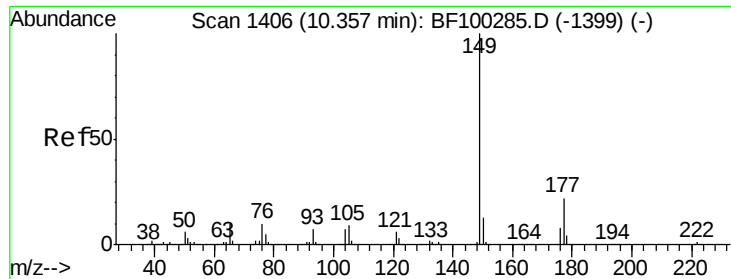
Abundance Ion 232.00 (231.70 to 232.70): E

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

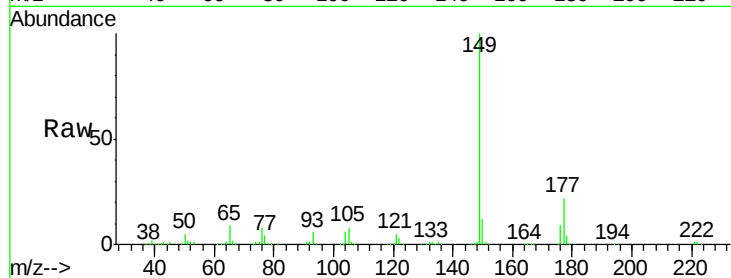




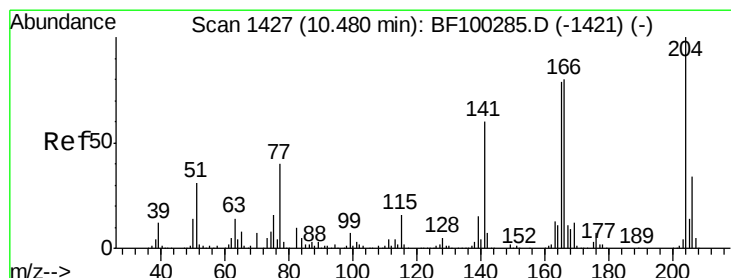
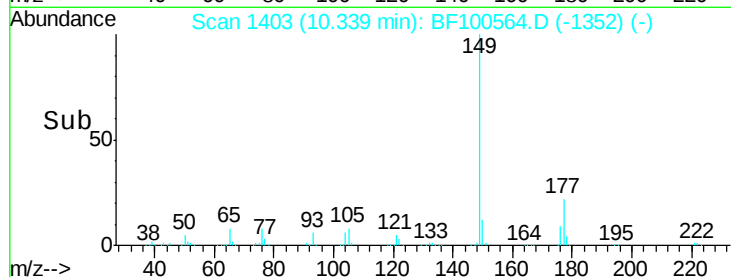
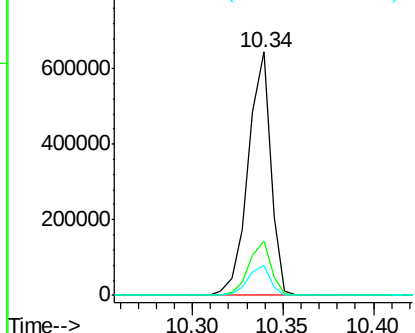
#59
Diethylphthalate
Concen: 41.03 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion:149 Resp: 558167
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.2 10.1 15.1

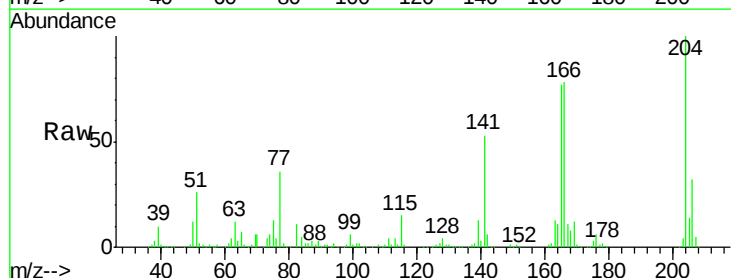


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

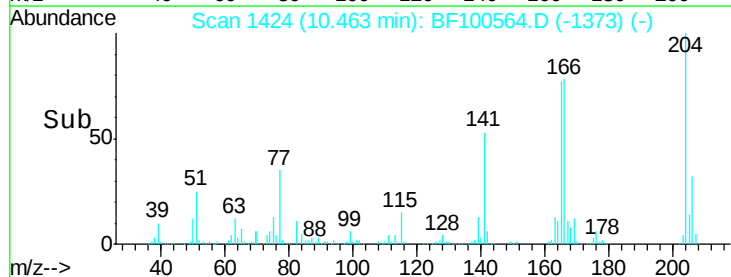
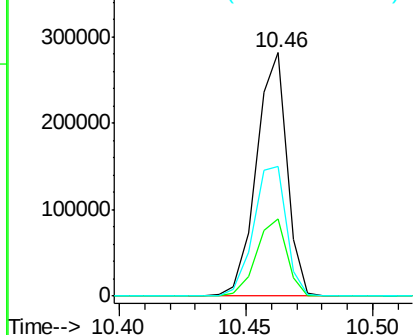


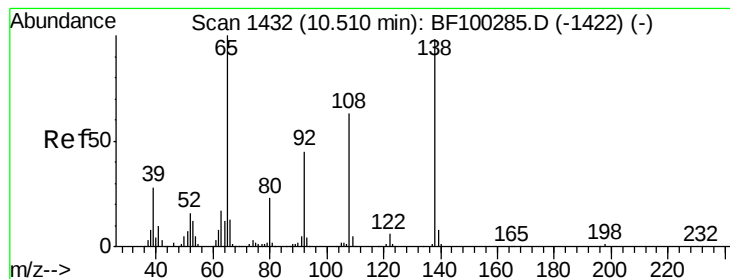
#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:204 Resp: 237647
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 53.2 54.6 81.8#



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





#61

4-Nitroaniline

Concen: 39.29 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

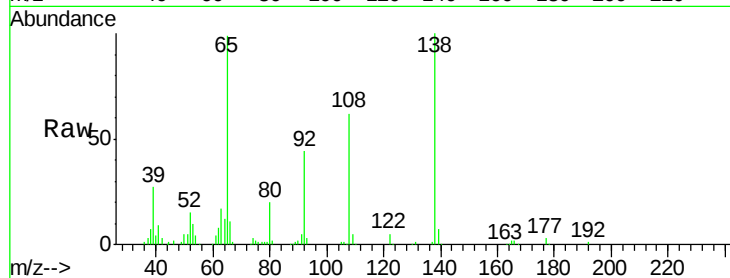
Tgt Ion:138 Resp: 118388

Ion Ratio Lower Upper

138 100

92 44.0 30.2 70.2

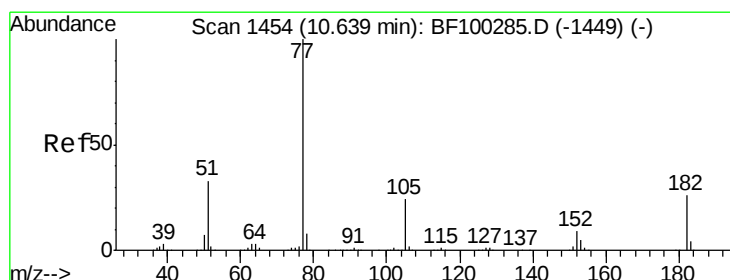
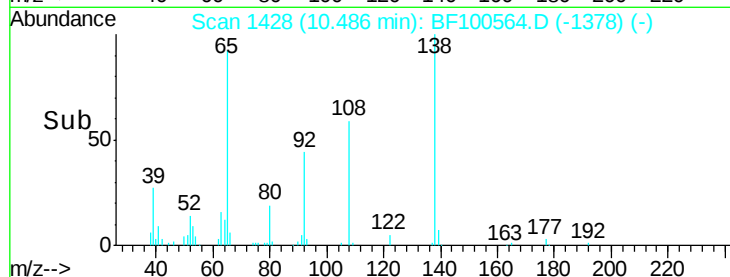
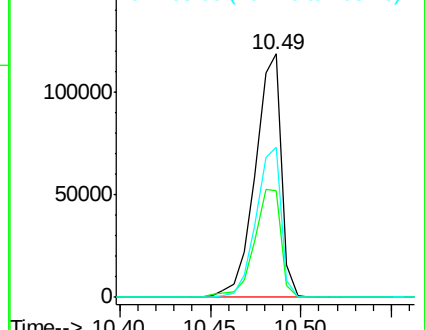
108 61.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.52 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Tgt Ion: 77 Resp: 480707

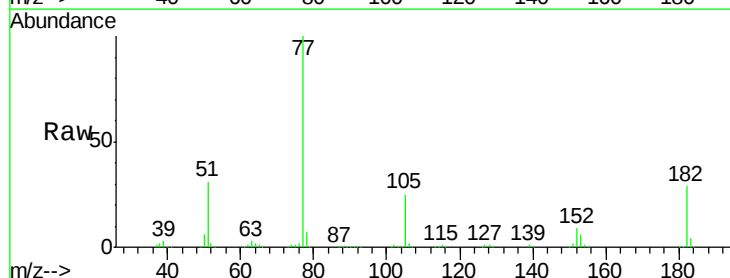
Ion Ratio Lower Upper

77 100

182 29.0 1.7 41.7

105 25.2 3.0 43.0

51 30.6 9.9 49.9

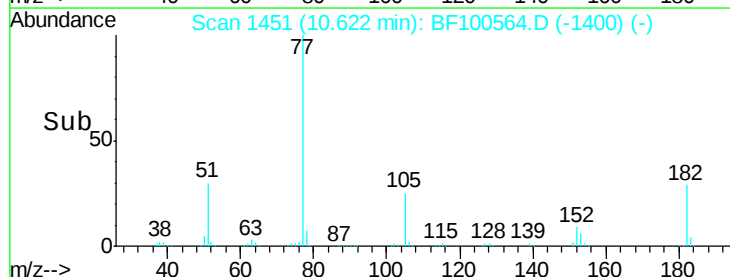
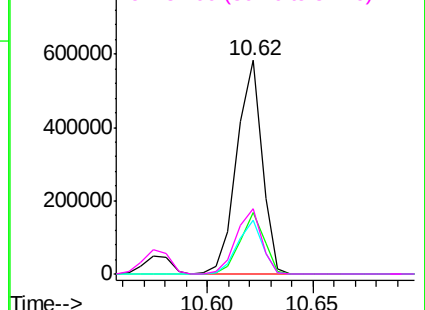


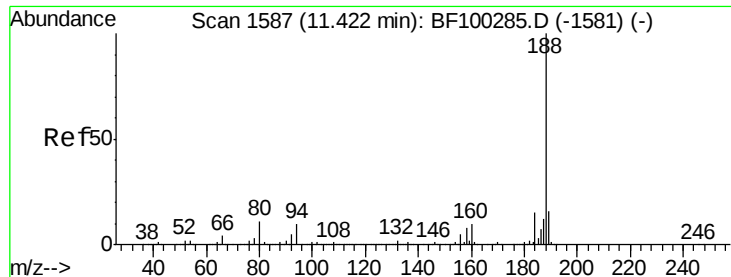
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

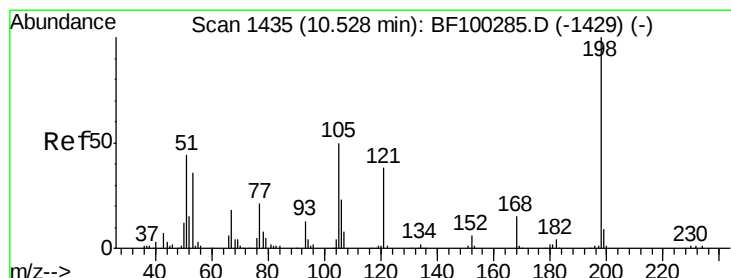
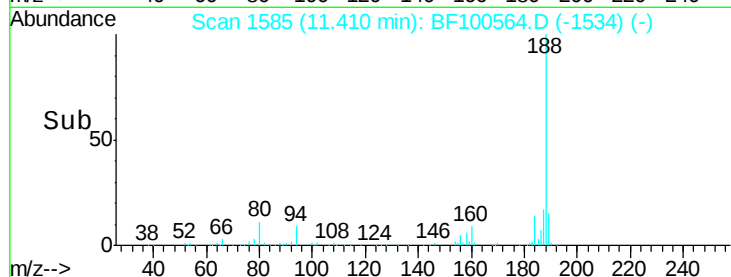
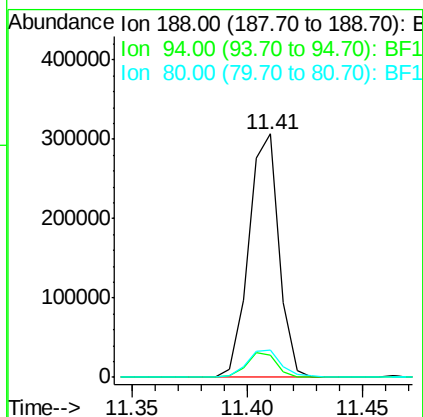
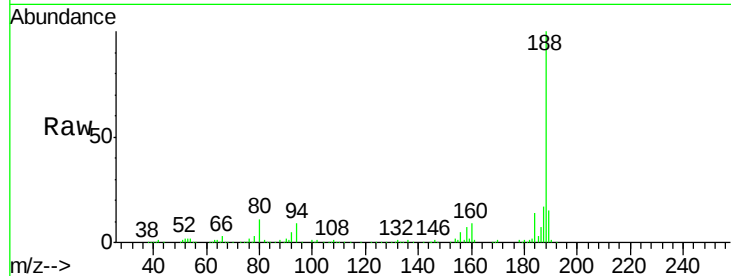




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

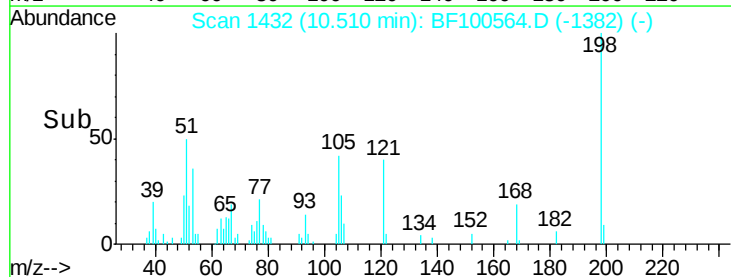
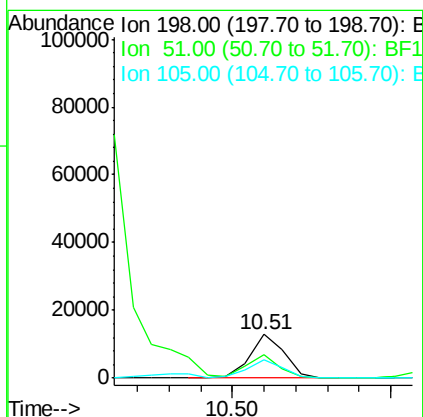
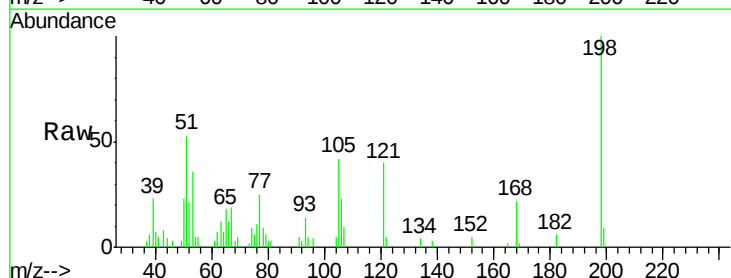
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

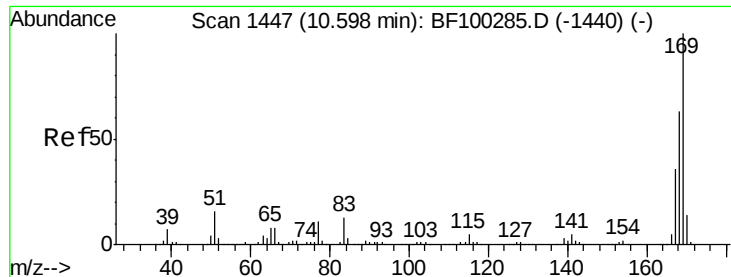
Tgt Ion:188 Resp: 280652
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.24 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:198 Resp: 9777
Ion Ratio Lower Upper
198 100
51 52.9 37.7 77.7
105 42.3 36.3 76.3

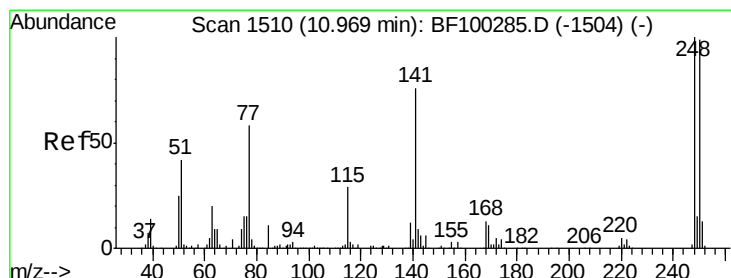
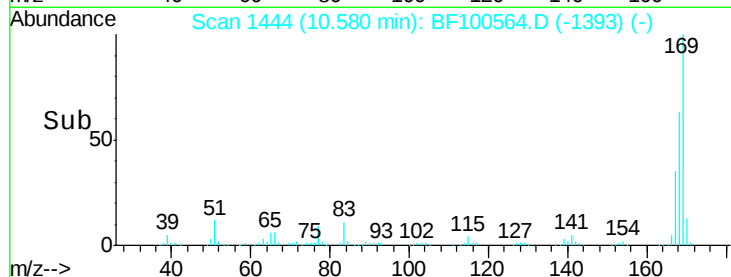
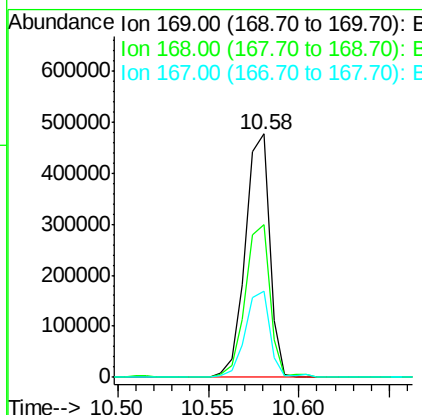
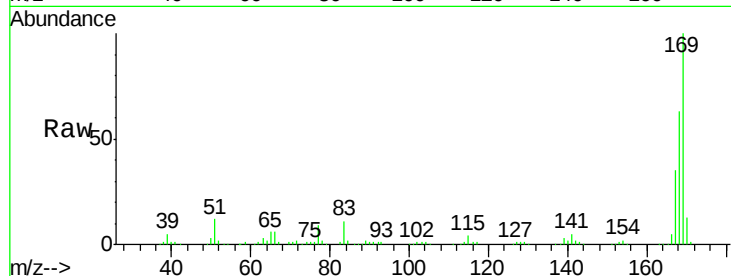




#65
 n-Nitrosodiphenylamine
 Concen: 45.72 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

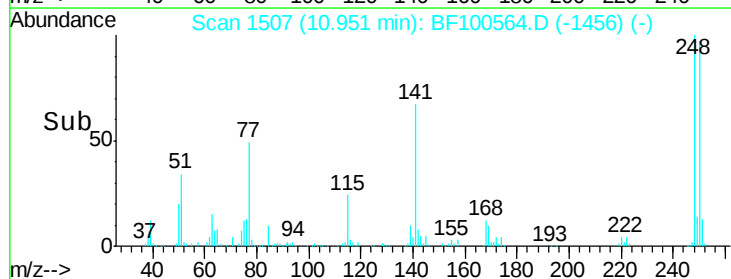
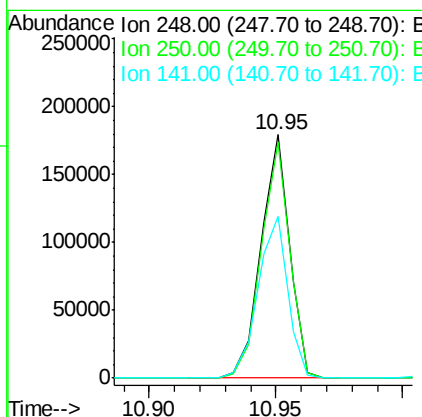
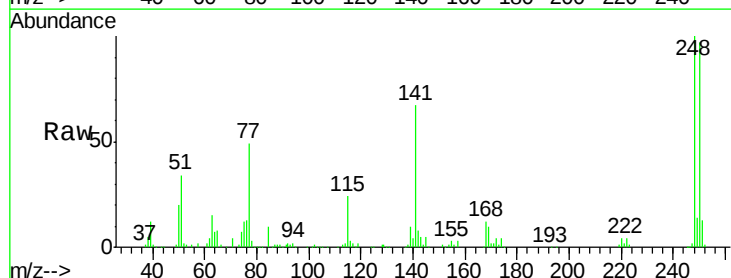
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

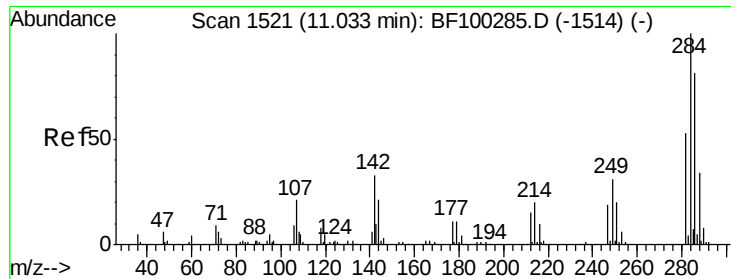
Tgt Ion:169 Resp: 446198
 Ion Ratio Lower Upper
 169 100
 168 62.8 54.4 81.6
 167 35.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.12 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion:248 Resp: 141753
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 66.5 74.4 111.6#

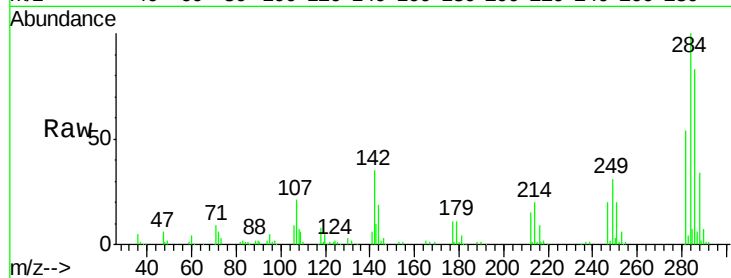




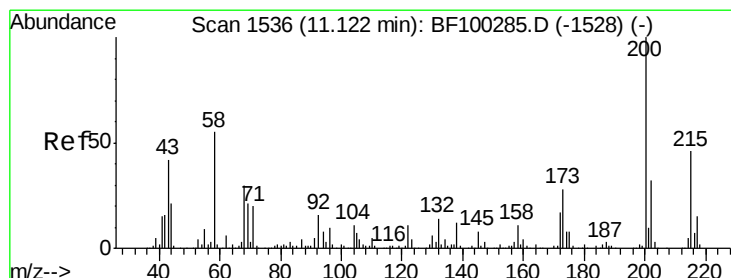
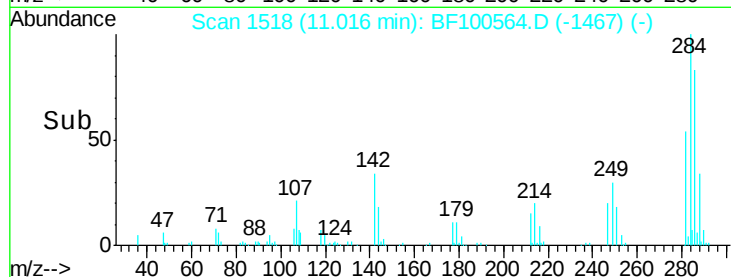
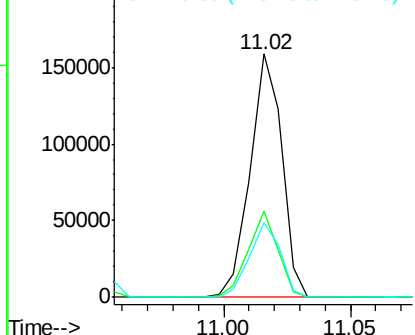
#67
Hexachlorobenzene
Concen: 44.19 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
PB104235BSD

Tgt Ion: 284 Resp: 139040
Ion Ratio Lower Upper
284 100
142 35.4 34.6 52.0
249 30.8 24.8 37.2

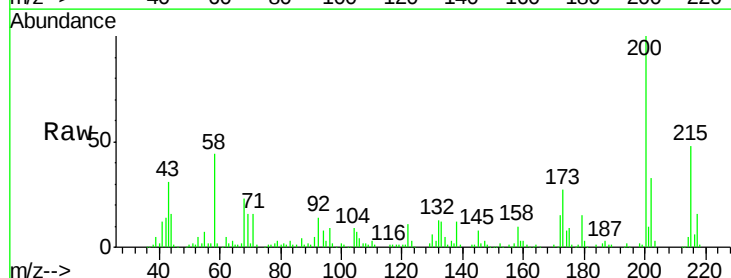


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

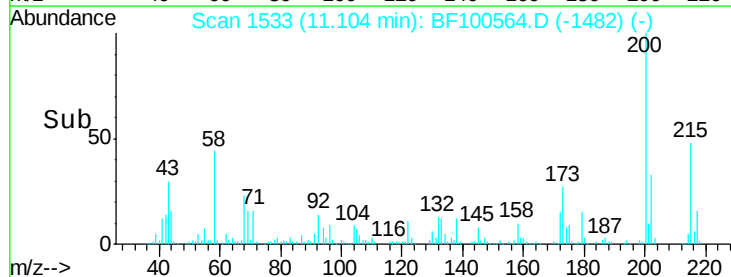
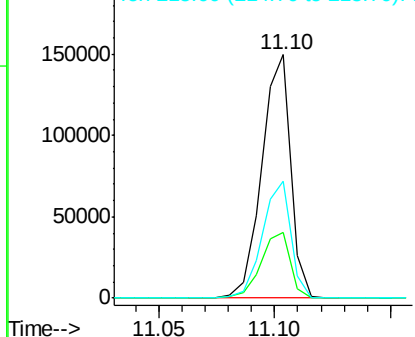


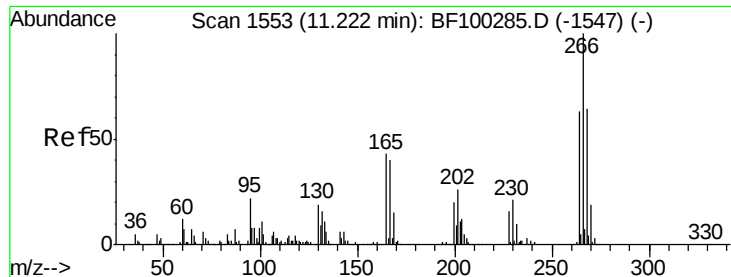
#68
Atrazine
Concen: 44.05 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion: 200 Resp: 130129
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 47.8 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

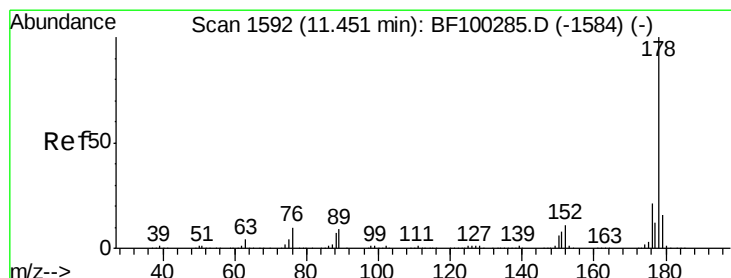
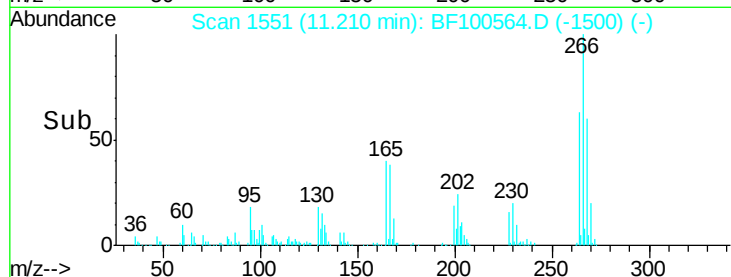
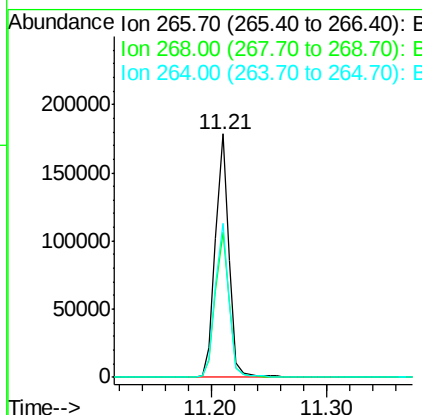
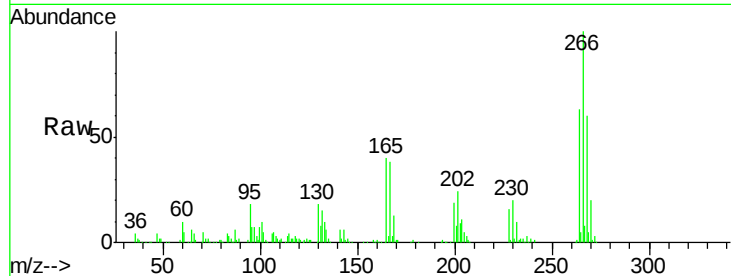




#69
 Pentachlorophenol
 Concen: 64.70 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

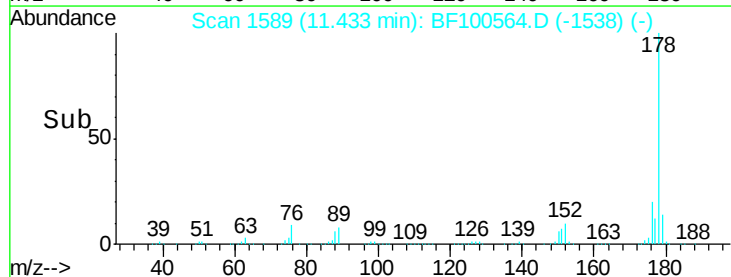
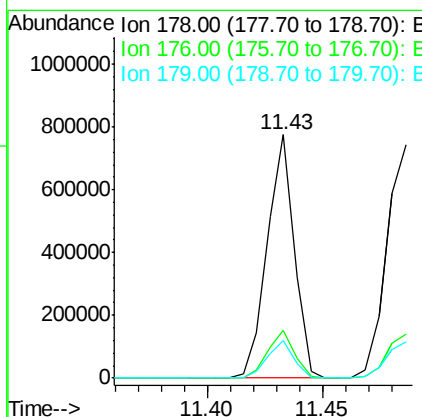
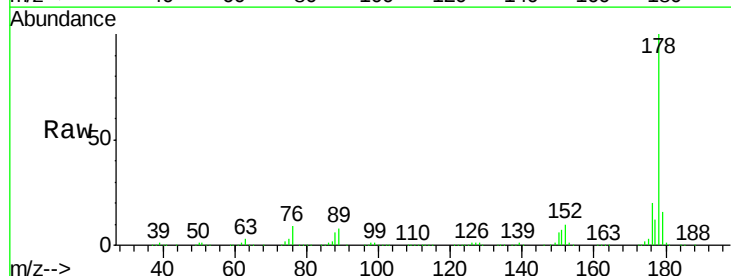
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

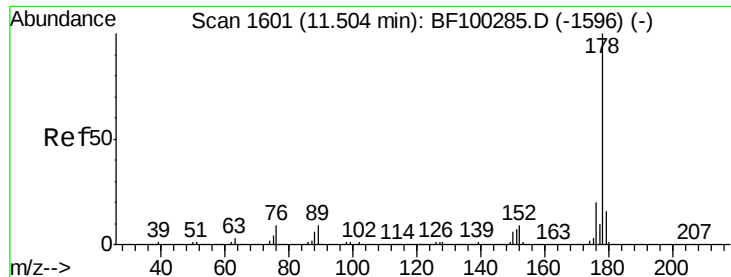
Tgt Ion: 266 Resp: 145988
 Ion Ratio Lower Upper
 266 100
 268 59.5 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 42.84 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion: 178 Resp: 633082
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 13.0 19.6

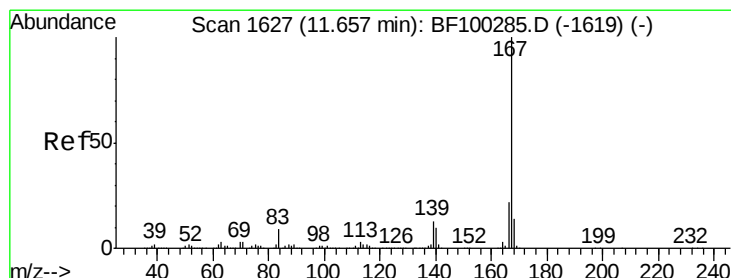
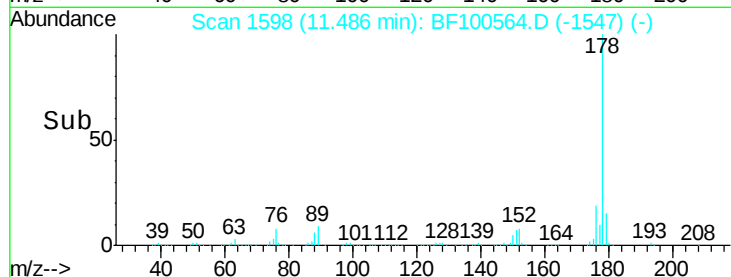
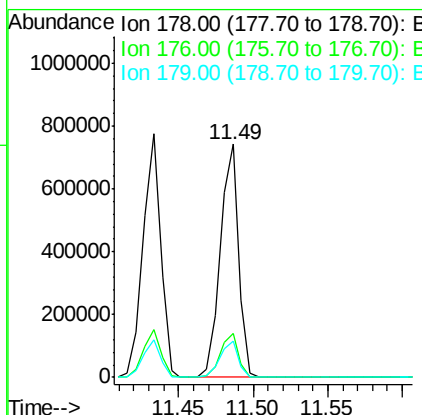
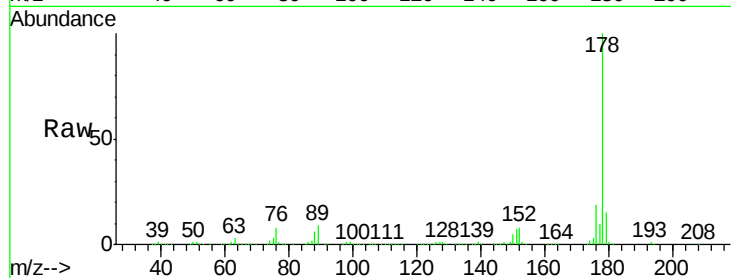




#71
 Anthracene
 Concen: 42.89 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

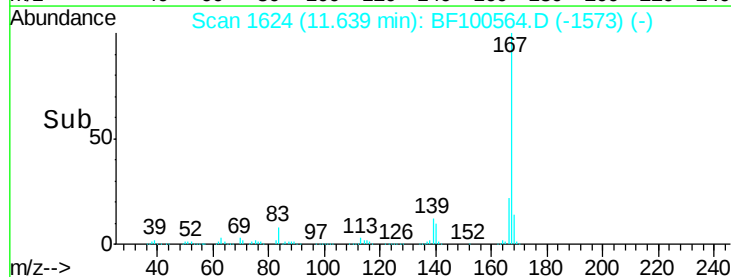
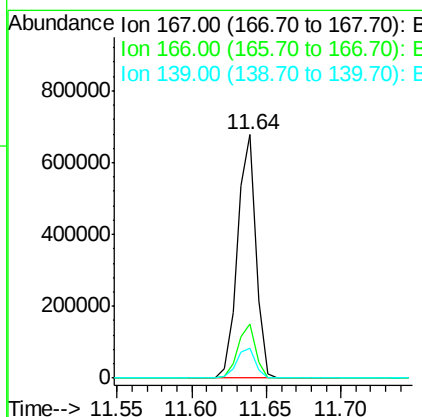
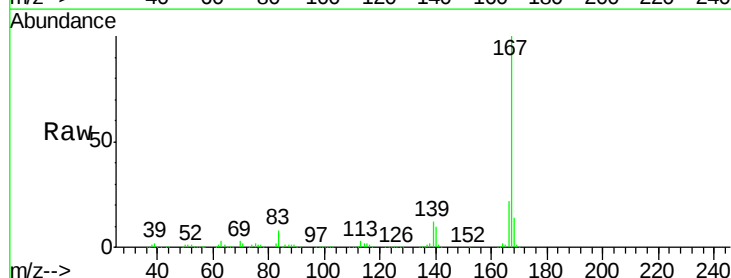
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 42.34 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.97 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

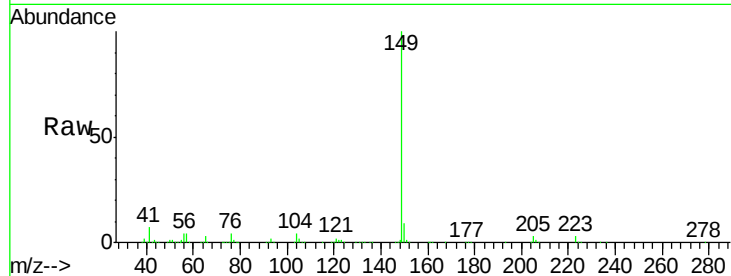
Tgt Ion:149 Resp: 744183

Ion Ratio Lower Upper

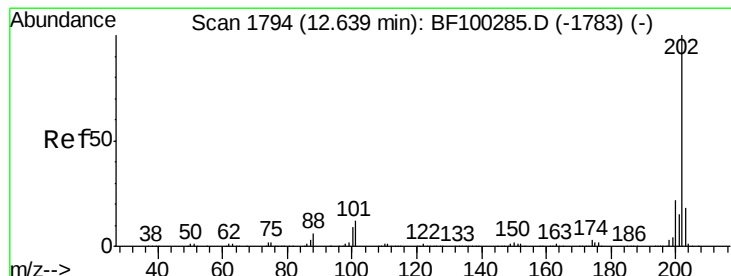
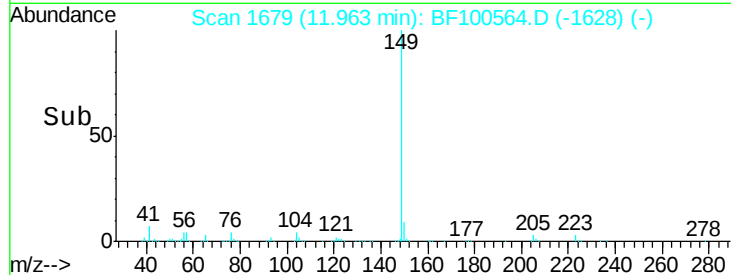
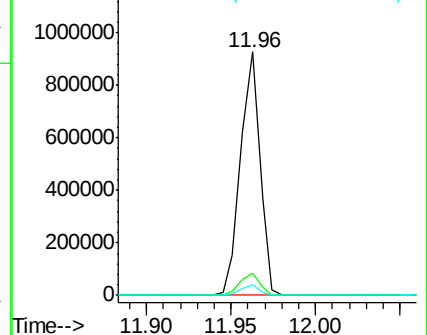
149 100

150 9.0 7.8 11.6

104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.99 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

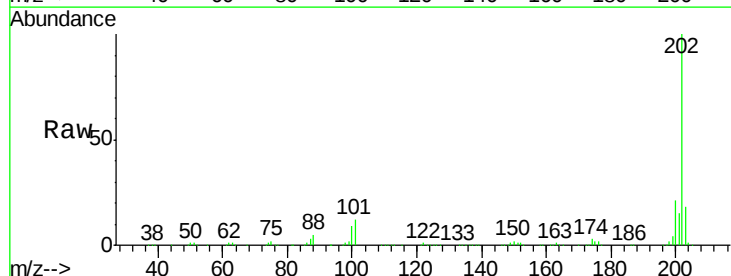
Tgt Ion:202 Resp: 673316

Ion Ratio Lower Upper

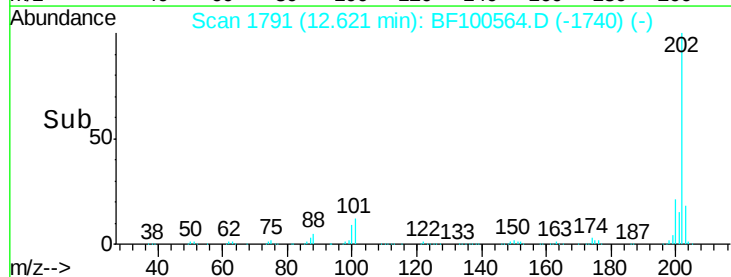
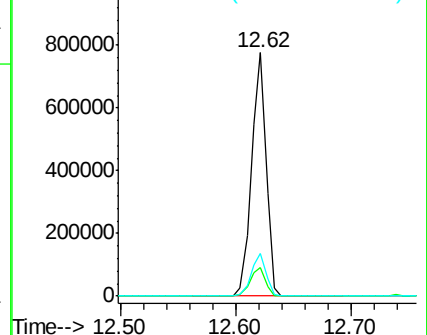
202 100

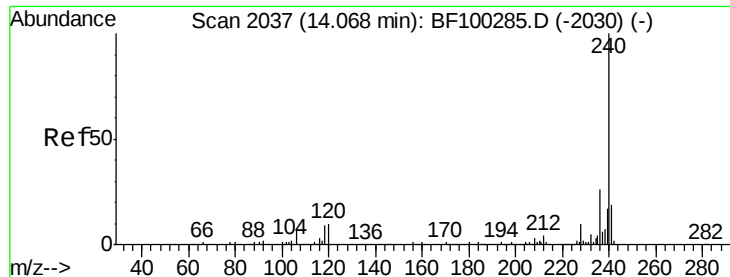
101 11.5 0.0 34.1

203 17.8 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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

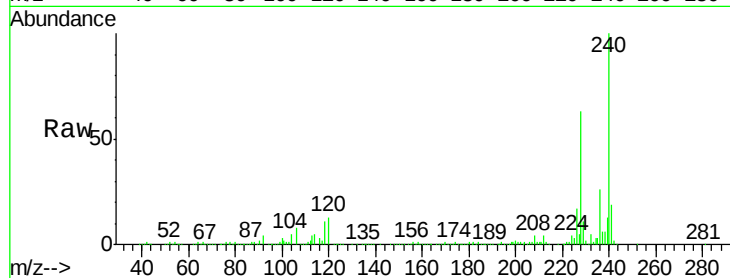
Tgt Ion:240 Resp: 238838

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

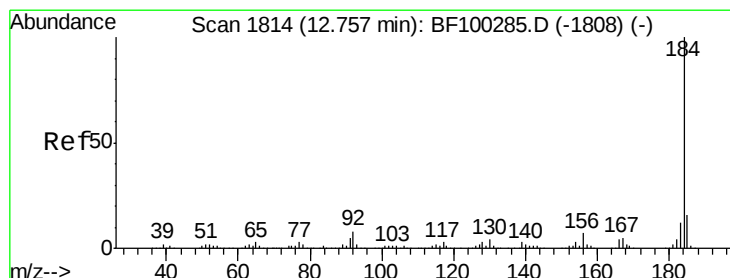
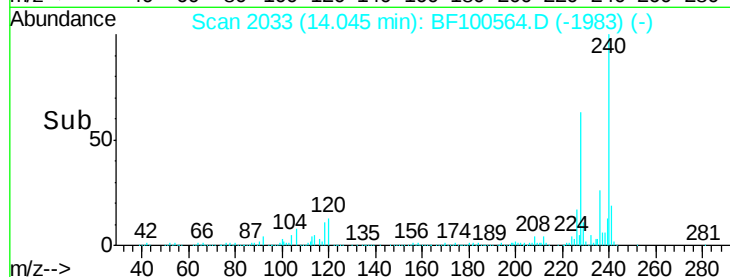
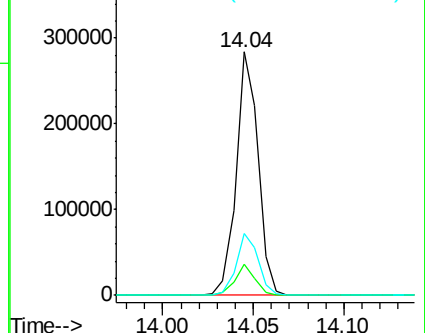
236 25.6 20.7 31.1



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: 55.21 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

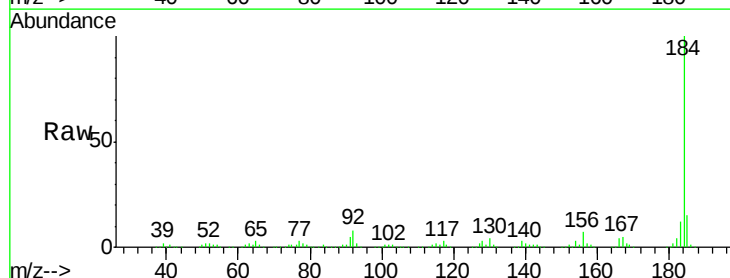
Tgt Ion:184 Resp: 528107

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

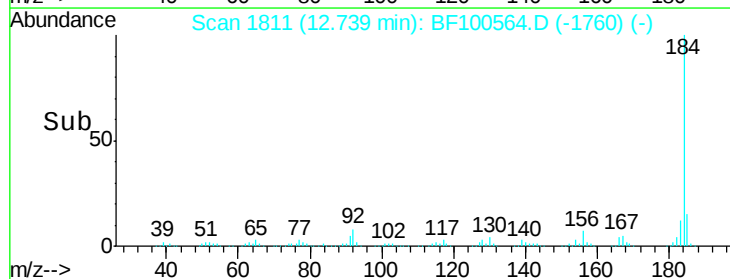
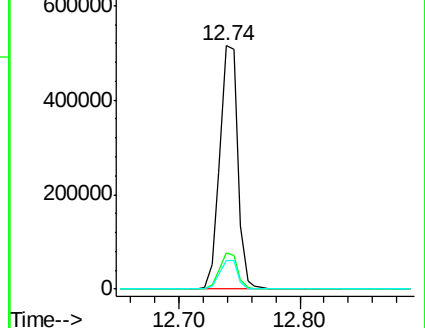
183 11.8 9.3 13.9

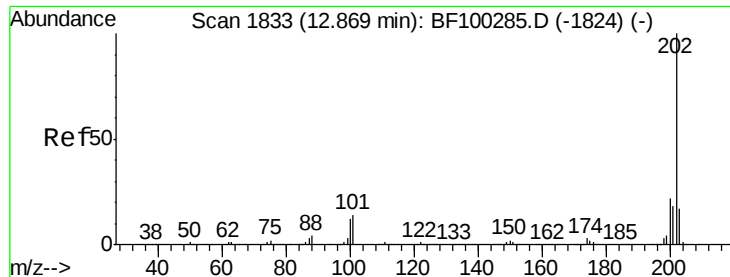


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

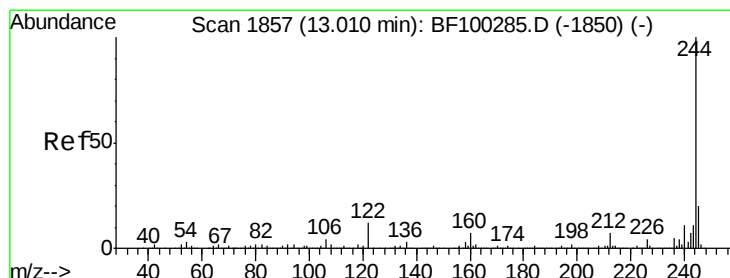
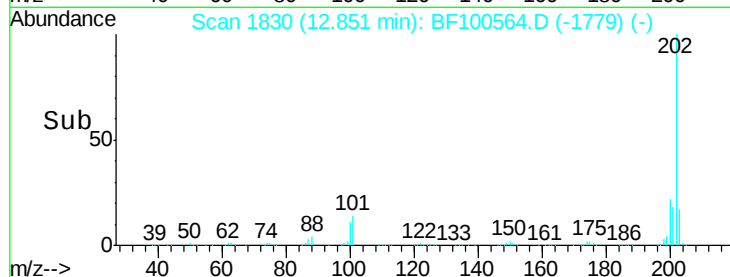
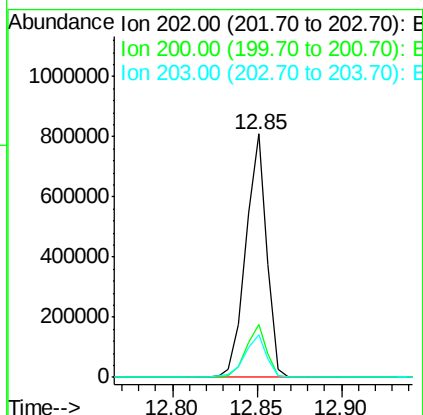
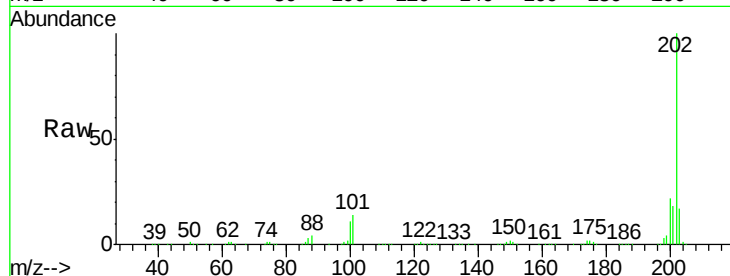




#77
 Pyrene
 Concen: 40.83 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

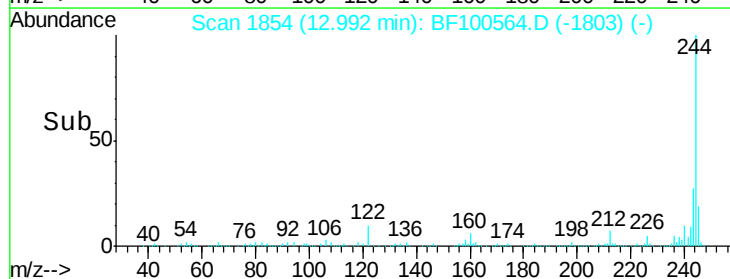
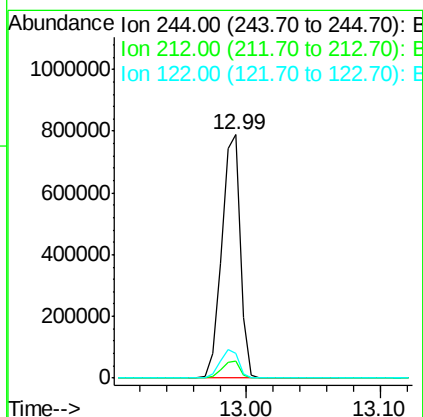
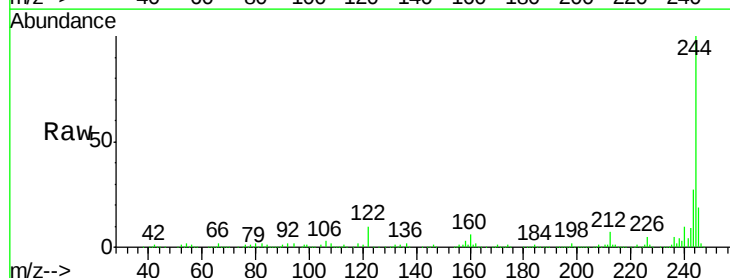
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

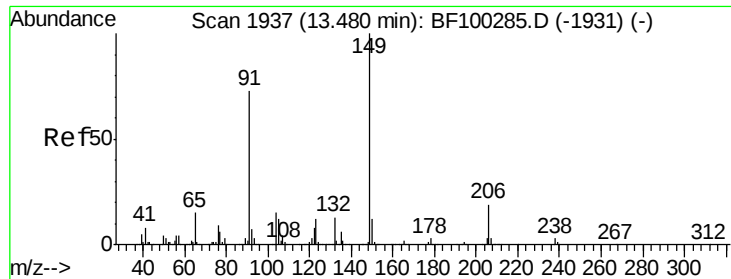
Tgt Ion: 202 Resp: 695081
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 74.79 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion: 244 Resp: 777445
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.0 11.0 16.4#

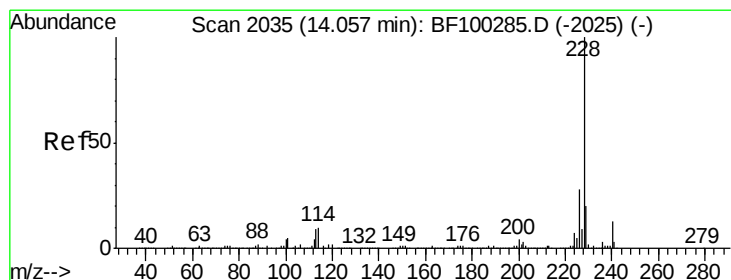
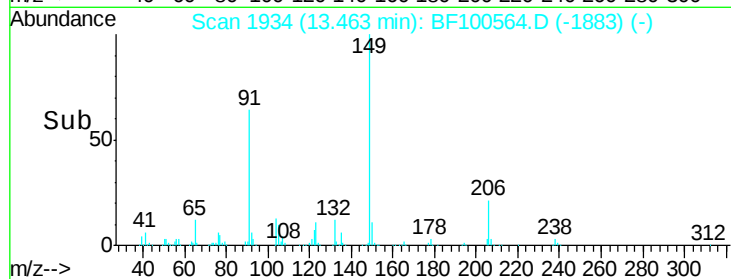
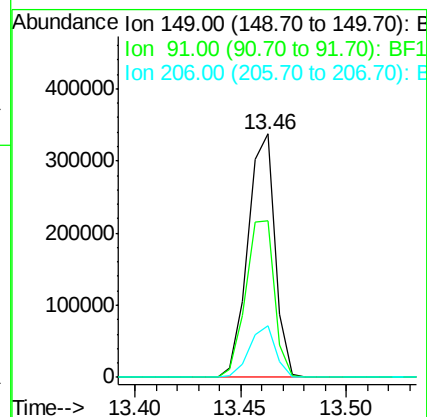
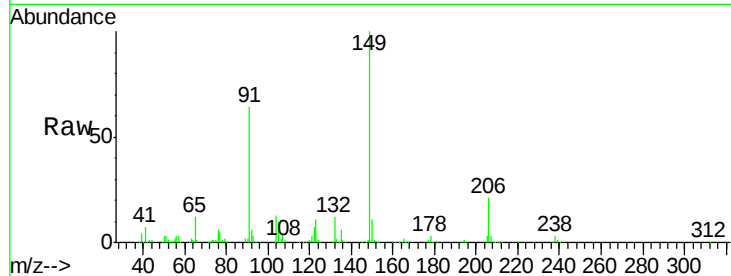




#79
Butylbenzylphthalate
Concen: 43.28 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

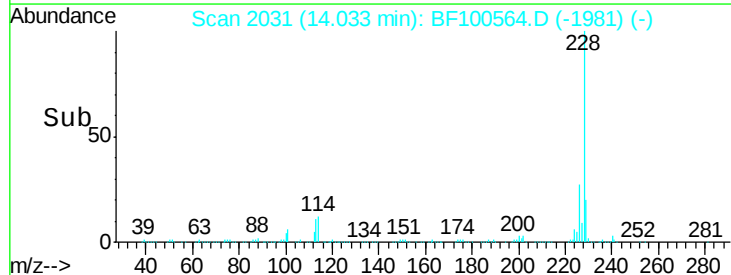
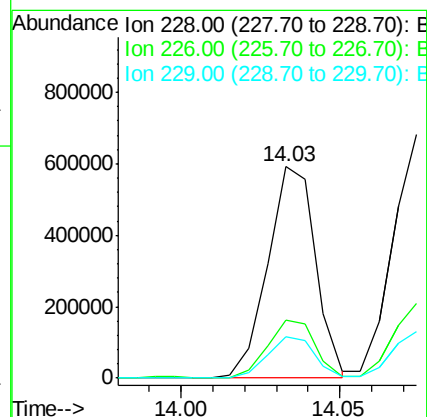
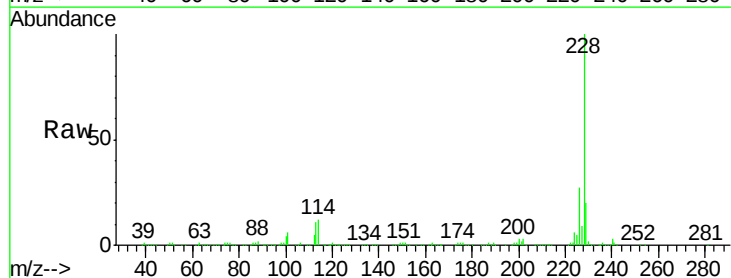
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

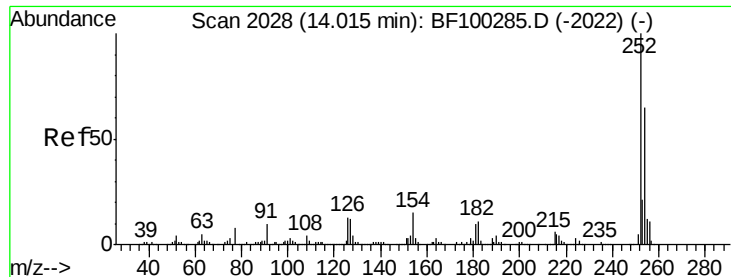
Tgt Ion:149 Resp: 300500
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 21.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 43.10 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion:228 Resp: 619840
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 15.8 23.6

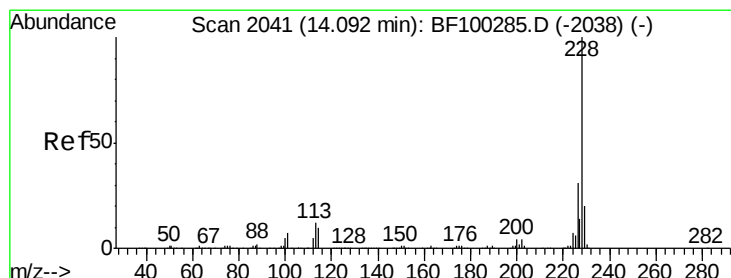
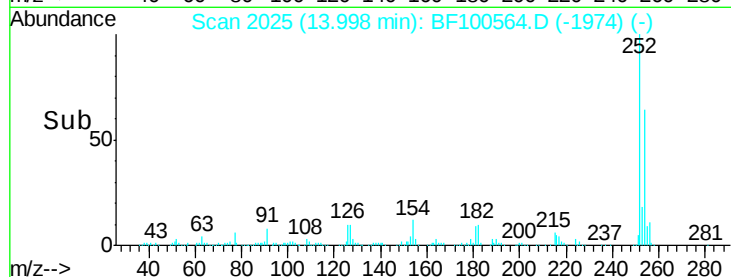
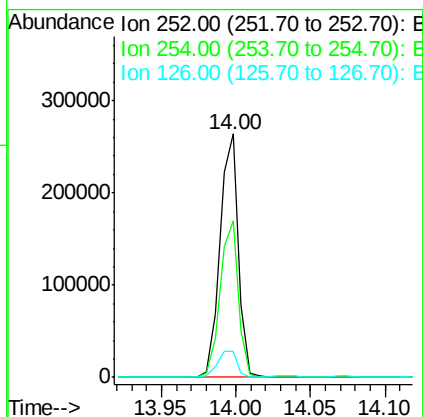
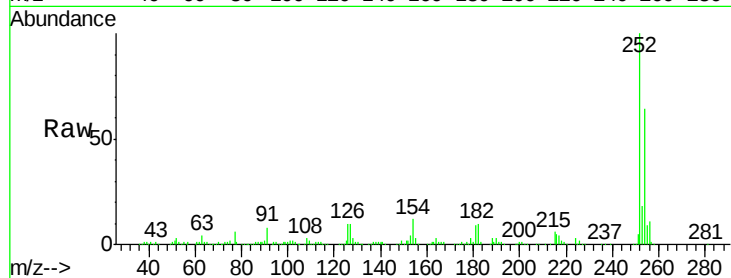




#81
 3,3'-Dichlorobenzidine
 Concen: 44.55 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

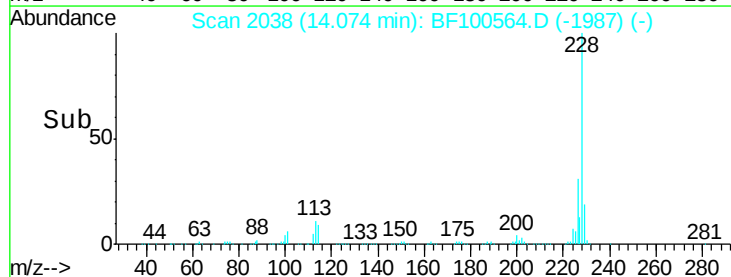
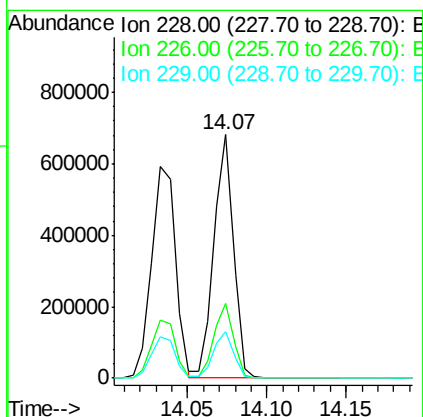
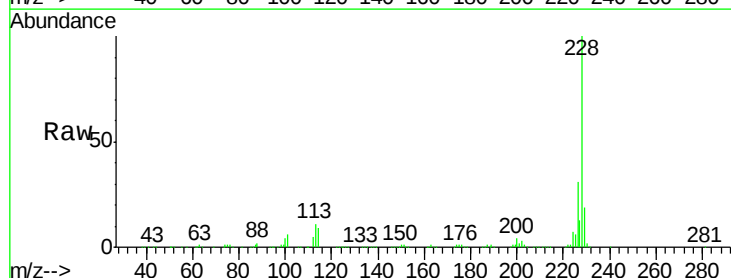
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

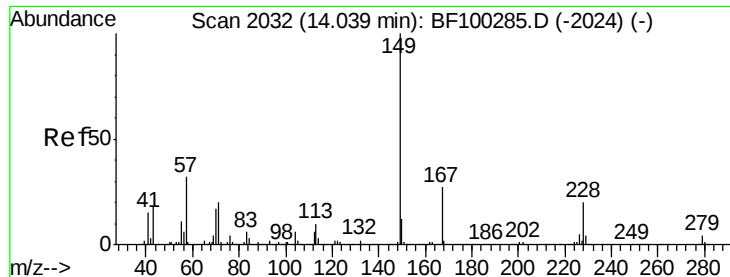
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.5	11.3	16.9#



#82
 Chrysene
 Concen: 42.26 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.11 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

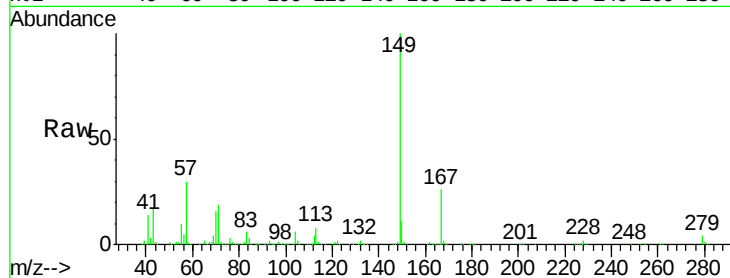
Tgt Ion:149 Resp: 421079

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

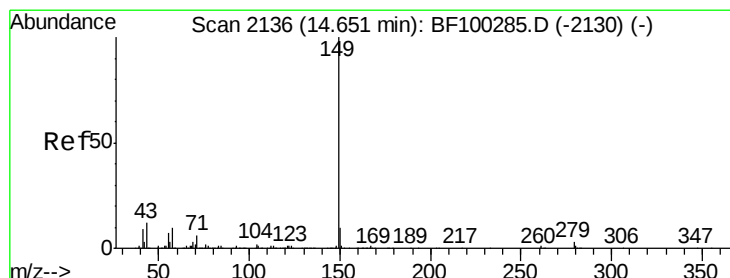
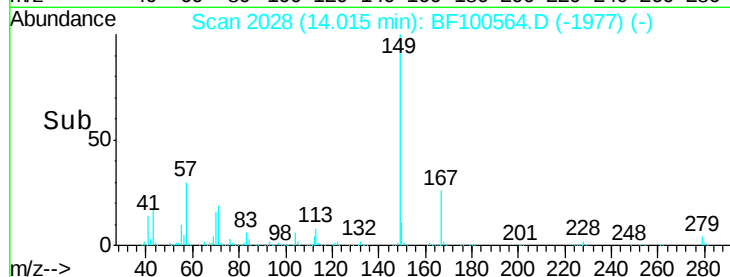
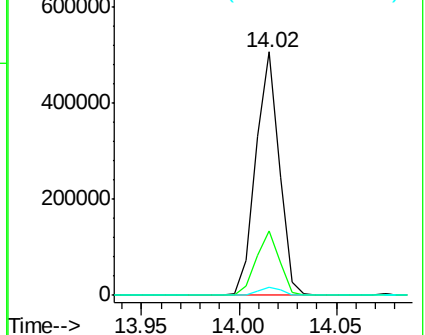
279 3.5 3.0 4.4



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: 47.09 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

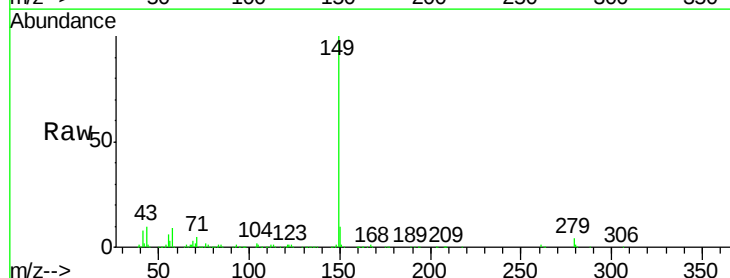
Tgt Ion:149 Resp: 738745

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

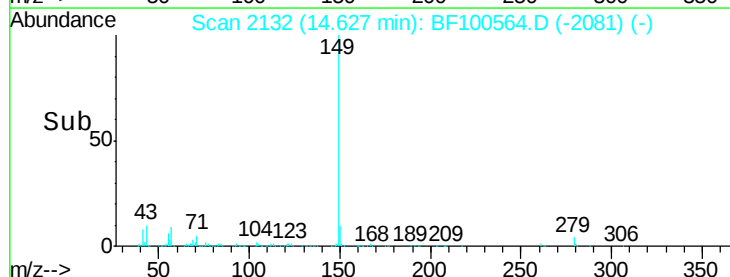
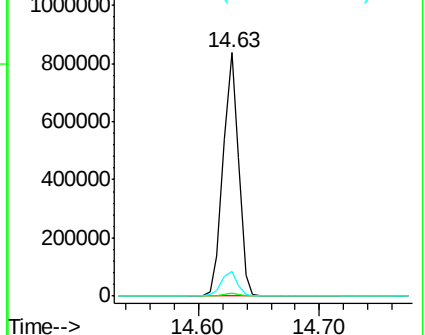
43 10.4 8.4 12.6

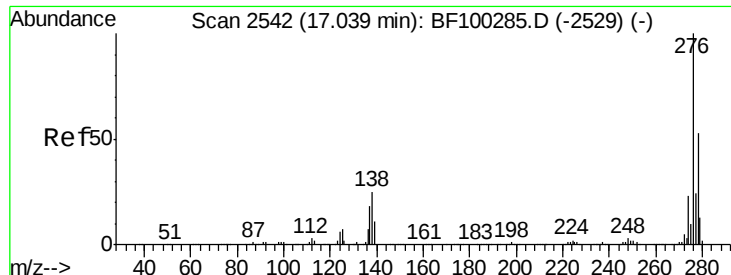


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

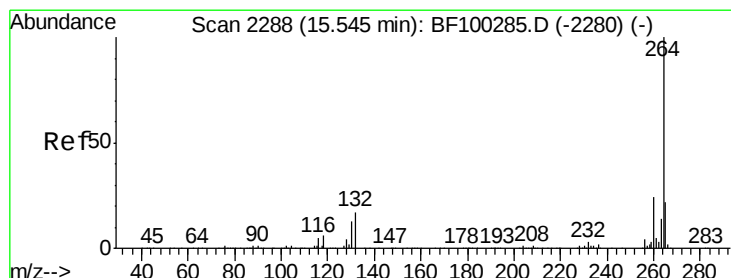
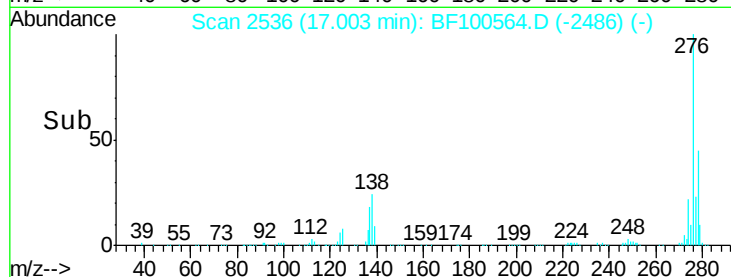
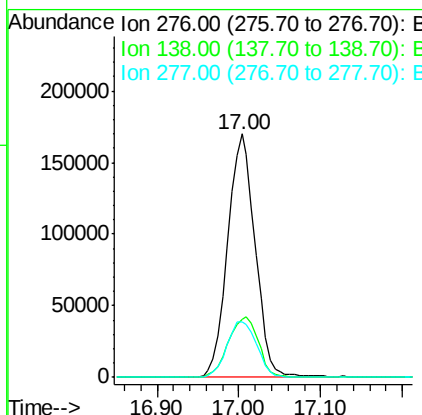
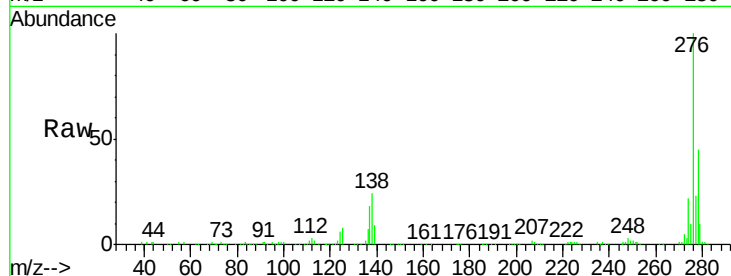




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.31 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

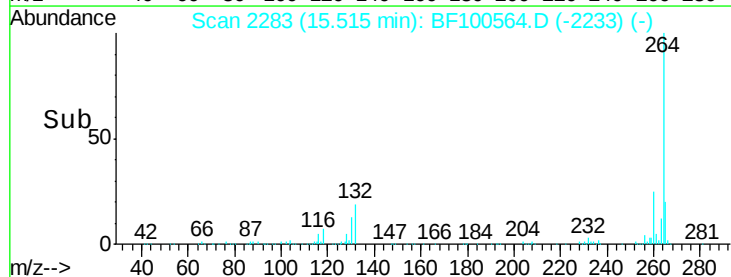
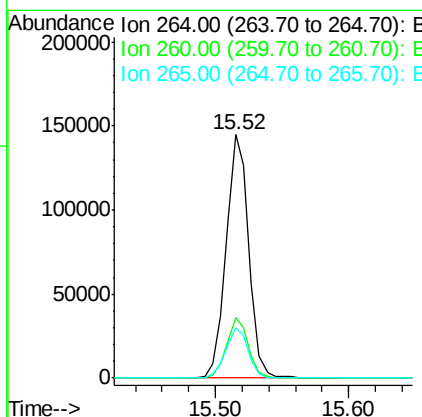
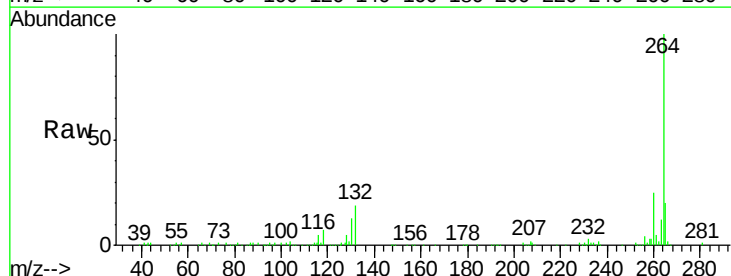
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BSD

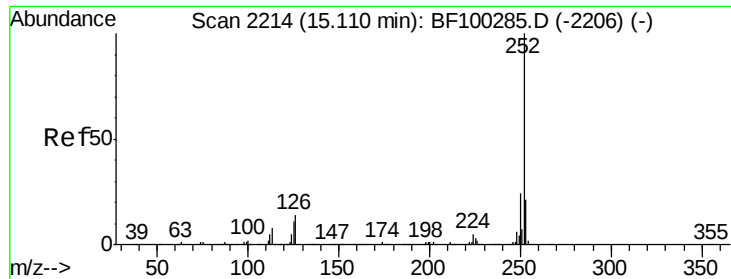
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF100564.D
 Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.4	17.5	26.3

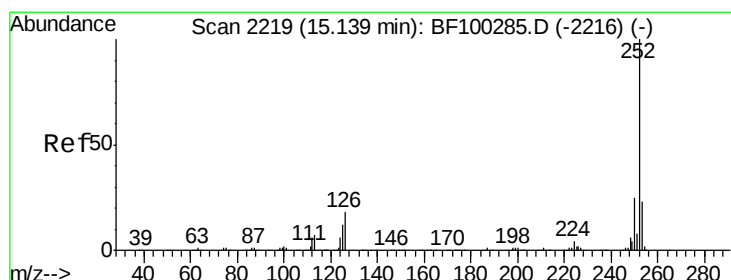
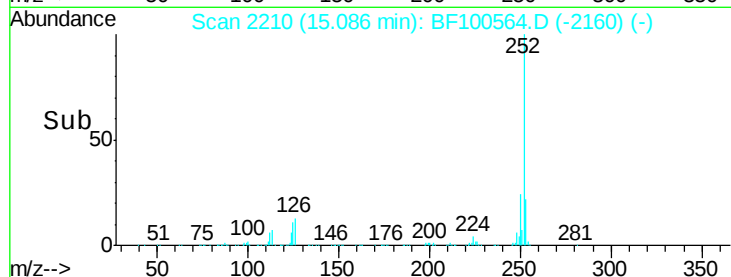
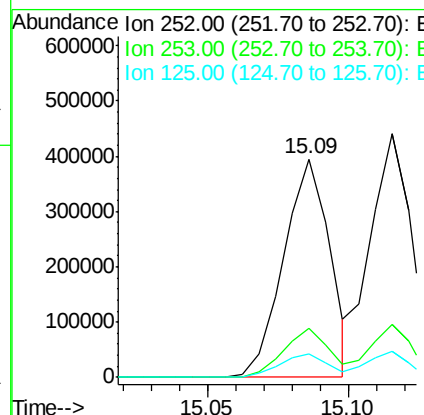
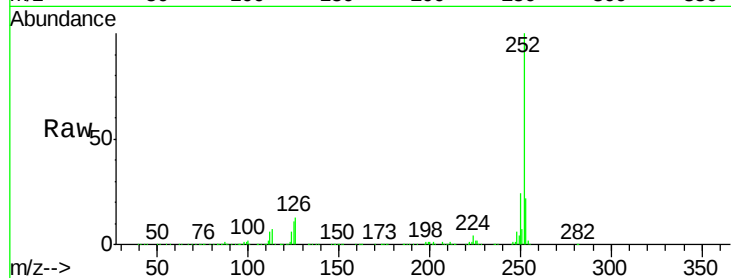




#87
Benzo(b)fluoranthene
Concen: 43.90 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

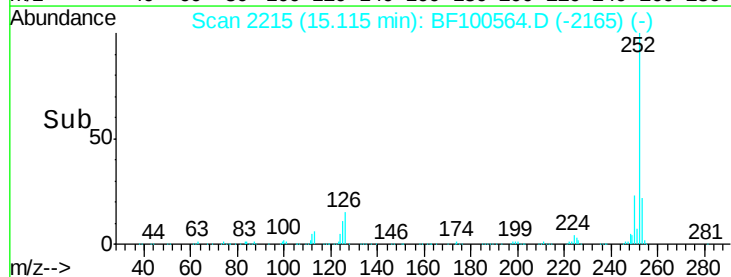
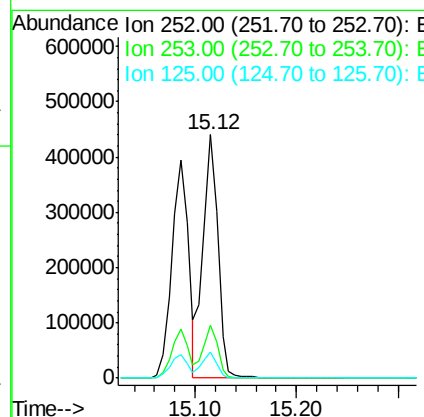
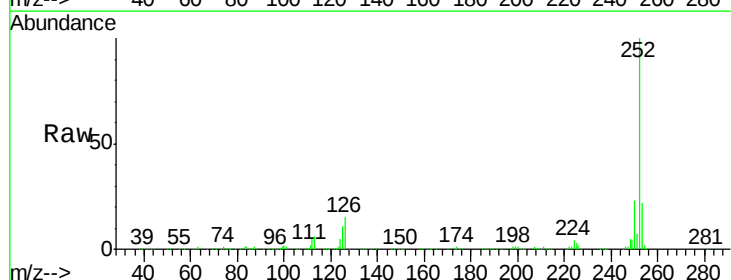
Instrument :
BNA_F
ClientSampleId :
PB104235BSD

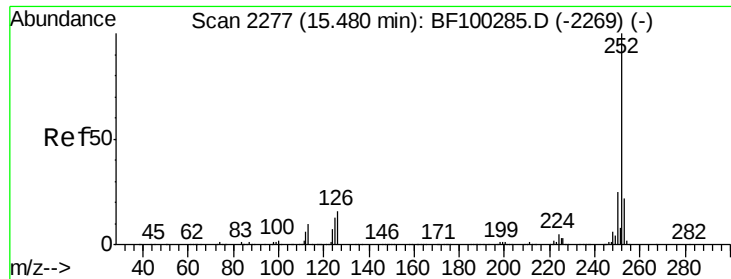
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 46.94 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF100564.D
Acq: 15 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.82 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD

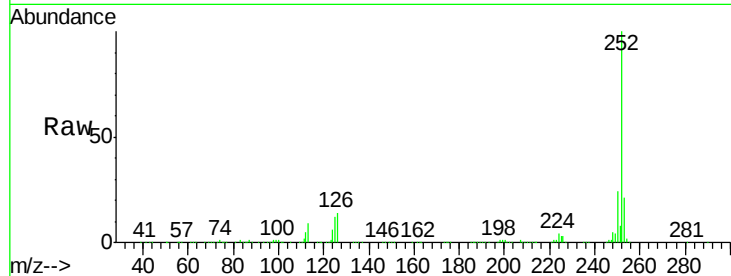
Tgt Ion:252 Resp: 398163

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

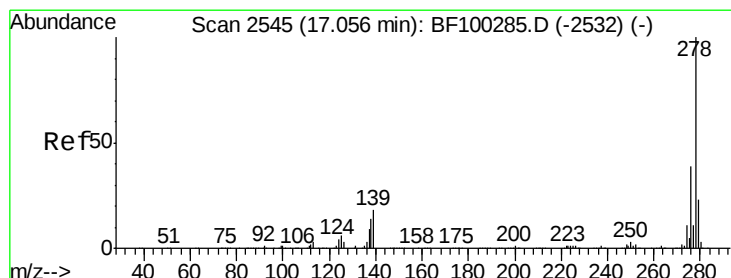
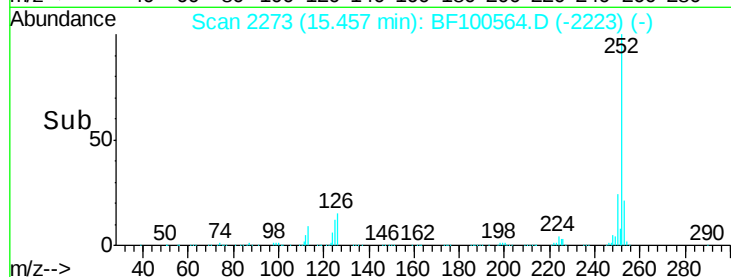
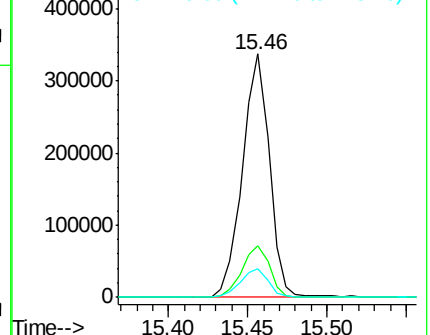
125 11.7 9.8 14.6



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: 44.61 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF100564.D

Acq: 15 Nov 2017 3:01

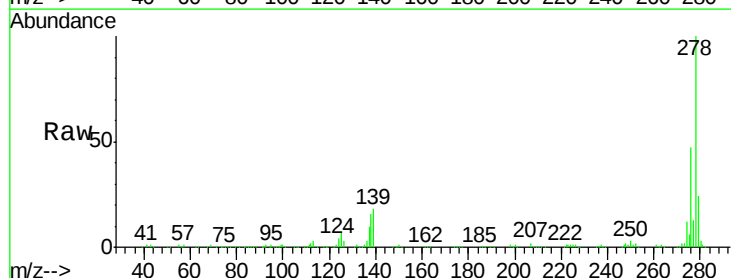
Tgt Ion:278 Resp: 331510

Ion Ratio Lower Upper

278 100

139 17.6 15.9 23.9

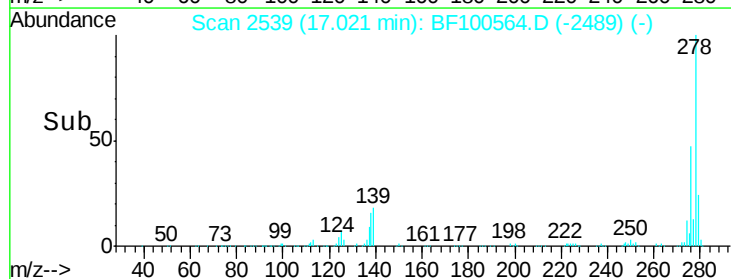
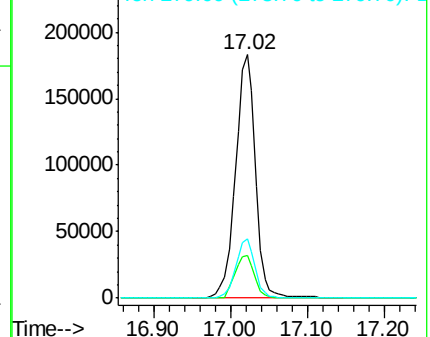
279 24.4 19.0 28.4

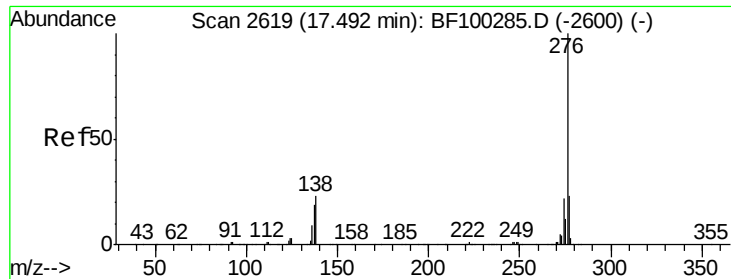


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.27 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100564.D

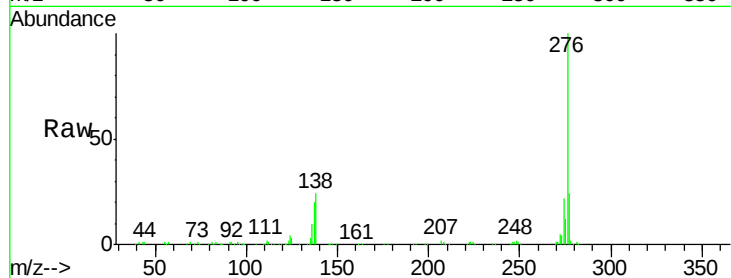
Acq: 15 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

PB104235BSD



Tgt Ion:	276	Resp:	336597
Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.6	21.8	32.8

