

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100789.D
 Acq On : 21 Nov 2017 19:13
 Operator : SJ/JU
 Sample : I6499-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88253	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	345082	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	153097	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	266464	20.00	ng	0.00
75) Chrysene-d12	14.04	240	163912	20.00	ng	0.00
86) Perylene-d12	15.51	264	204367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	704718	128.00	ng	0.01
7) Phenol-d6	6.51	99	855591	126.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	532254	101.97	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203868	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1033862	102.83	ng	0.00
78) Terphenyl-d14	12.98	244	732080	102.62	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	83835	31.25	ng	96
3) Pyridine	3.49	79	236716	32.34	ng	94
4) n-Nitrosodimethylamine	3.45	42	118422	33.32	ng	96
6) Aniline	6.55	93	136064	14.19	ng	98
8) 2-Chlorophenol	6.66	128	242640	41.66	ng	98
9) Benzaldehyde	6.42	77	88340	18.22	ng	98
10) Phenol	6.52	94	332450	46.65	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	227902	38.07	ng	98
12) 1,3-Dichlorobenzene	6.82	146	279480	41.62	ng	97
13) 1,4-Dichlorobenzene	6.89	146	283456	41.71	ng	97
14) 1,2-Dichlorobenzene	7.05	146	263621	41.95	ng	98
15) Benzyl Alcohol	7.02	79	206986	39.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	392514	41.00	ng	98
17) 2-Methylphenol	7.13	107	205597	41.31	ng	98
18) Hexachloroethane	7.39	117	91065	40.64	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	168252	35.74	ng	99
20) 3+4-Methylphenols	7.28	107	249836	39.67	ng	# 75
22) Acetophenone	7.29	105	326846	38.84	ng	# 97
24) Nitrobenzene	7.46	77	247365	46.05	ng	93
25) Isophorone	7.70	82	446053	40.67	ng	98
26) 2-Nitrophenol	7.77	139	133292	52.37	ng	89
27) 2,4-Dimethylphenol	7.81	122	223617	45.48	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	288296	40.18	ng	100
29) 2,4-Dichlorophenol	8.02	162	212008	45.17	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	225709	44.45	ng	96
31) Naphthalene	8.18	128	704389	42.38	ng	100
32) Benzoic acid	7.89	122	26367	15.01	ng	93
33) 4-Chloroaniline	8.22	127	41382	5.98	ng	95
34) Hexachlorobutadiene	8.29	225	130120	43.10	ng	99
35) Caprolactam	8.60	113	43830	27.21	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	210858	41.83	ng	100
37) 2-Methylnaphthalene	8.87	142	476333	43.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222014	43.73	ng	# 96
40) Hexachlorocyclopentadiene	9.02	237	72683	30.42	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

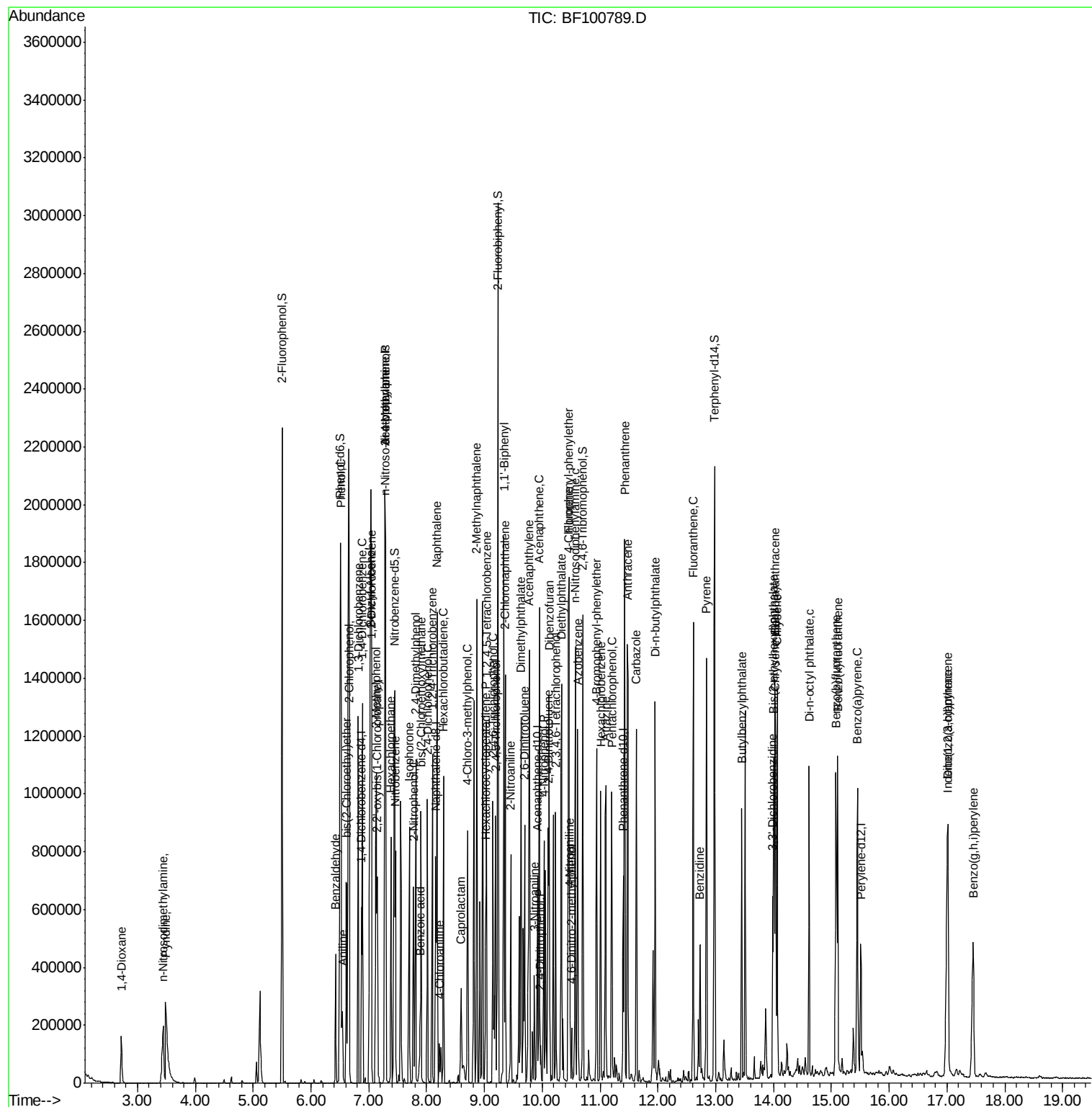
42) 2,4,6-Trichlorophenol	9.15	196	154557	48.03	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	152518	45.74	nq	# 90
45) 1,1'-Biphenyl	9.33	154	561117	42.38	nq	99
46) 2-Chloronaphthalene	9.36	162	433499	45.13	nq	95
47) 2-Nitroaniline	9.46	65	125054	44.29	nq	97
48) Acenaphthylene	9.77	152	663228	41.66	nq	100
49) Dimethylphthalate	9.63	163	593976	50.81	nq	100
50) 2,6-Dinitrotoluene	9.70	165	110052	47.56	nq	92
51) Acenaphthene	9.95	154	396020	40.90	nq	99
52) 3-Nitroaniline	9.86	138	51432	18.82	nq	97
53) 2,4-Dinitrophenol	9.97	184	23010	34.22	nq	# 19
54) Dibenzofuran	10.12	168	577774	42.58	nq	97
55) 4-Nitrophenol	10.03	139	150682	67.92	nq	93
56) 2,4-Dinitrotoluene	10.10	165	143179	49.05	nq	# 86
57) Fluorene	10.46	166	439419	44.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	117696	43.07	nq	# 85
59) Diethylphthalate	10.33	149	480150	41.05	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	215936	44.28	nq	92
61) 4-Nitroaniline	10.48	138	94689	36.55	nq	86
62) Azobenzene	10.61	77	417267	37.87	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	25713	24.27	nq	75
65) n-Nitrosodiphenylamine	10.57	169	414353	44.72	nq	95
66) 4-Bromophenyl-phenylether	10.94	248	135388	47.40	nq	# 89
67) Hexachlorobenzene	11.01	284	134011	44.86	nq	# 86
68) Atrazine	11.10	200	126779	45.20	nq	96
69) Pentachlorophenol	11.20	266	122586	57.22	nq	98
70) Phenanthrene	11.43	178	724026	51.61	nq	98
71) Anthracene	11.47	178	634778	44.60	nq	99
72) Carbazole	11.63	167	516314	39.31	nq	99
73) Di-n-butylphthalate	11.95	149	695488	45.25	nq	99
74) Fluoranthene	12.61	202	713508	47.99	nq	98
76) Benzidine	12.73	184	199574	30.40	nq	97
77) Pyrene	12.85	202	679971	58.20	nq	99
79) Butylbenzylphthalate	13.45	149	213437	44.79	nq	93
80) Benzo(a)anthracene	14.03	228	546691	55.39	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	123105	34.81	nq	# 98
82) Chrysene	14.06	228	508978	53.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	288340	46.01	nq	100
84) Di-n-octyl phthalate	14.62	149	499276	46.37	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	538366	69.63	nq	95
87) Benzo(b)fluoranthene	15.08	252	638322	52.72	nq	99
88) Benzo(k)fluoranthene	15.11	252	463713	40.53	nq	98
89) Benzo(a)pyrene	15.46	252	554036	51.62	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	409727	46.68	nq	97
91) Benzo(g,h,i)perylene	17.45	276	423208	49.25	nq	94

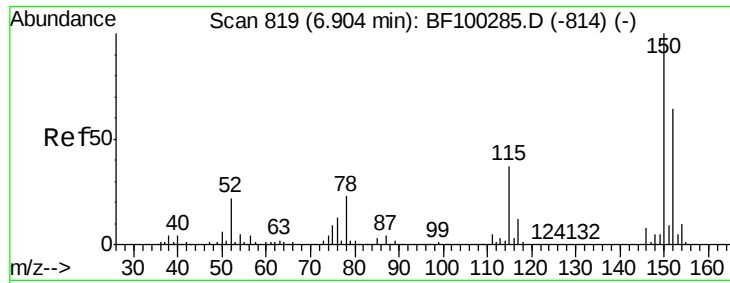
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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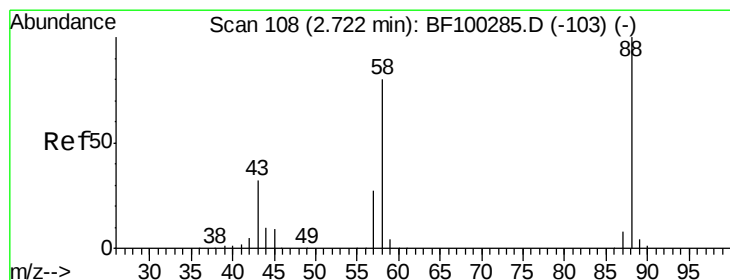
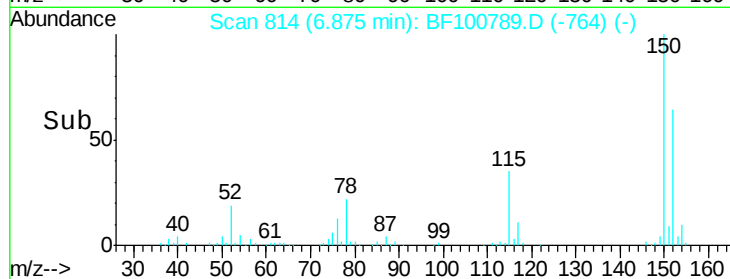
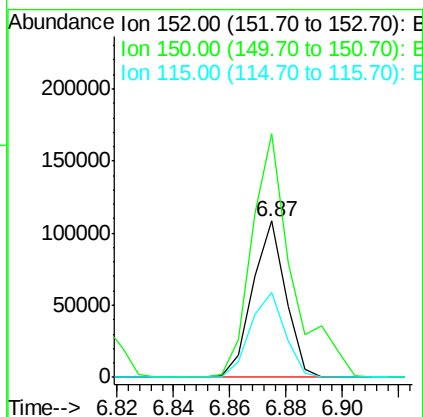
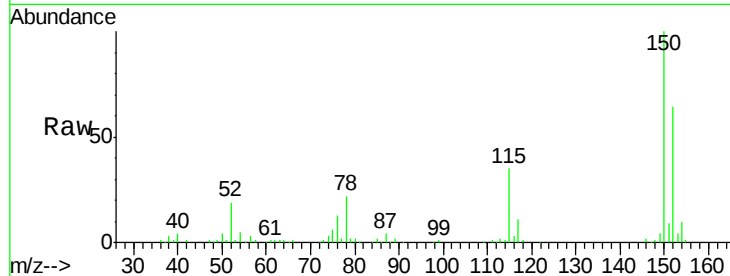


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampled :

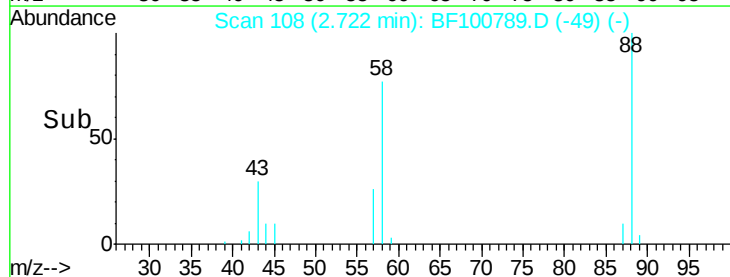
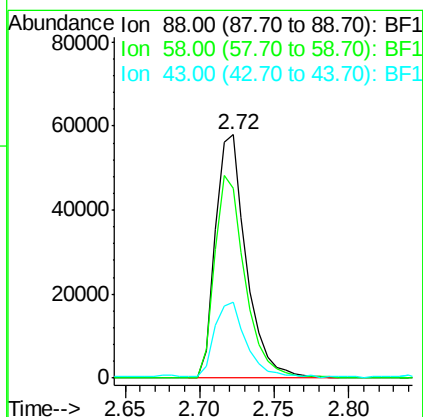
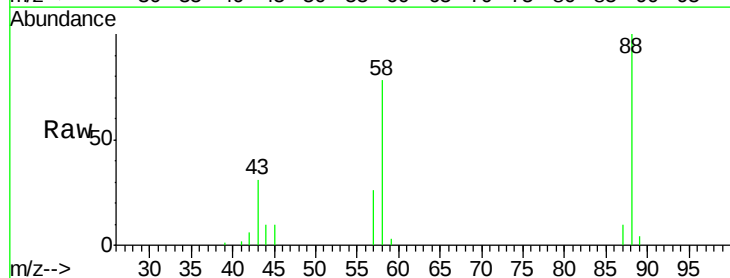
Tot Ion:152 Resp: 88253
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 54.3 50.1 75.1

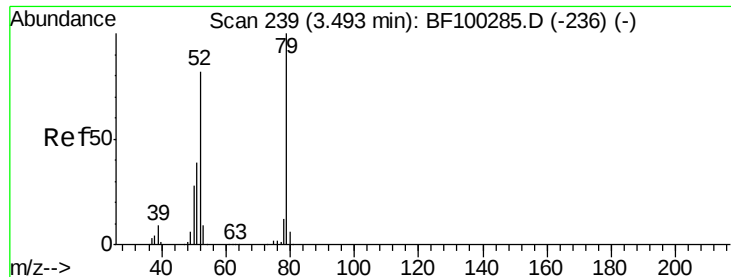


#2

1,4-Dioxane
Concen: 31.25 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion: 88 Resp: 83835
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 33.0 24.6 37.0





#3

Pvridine

Concen: 32.34 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.05 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampled :

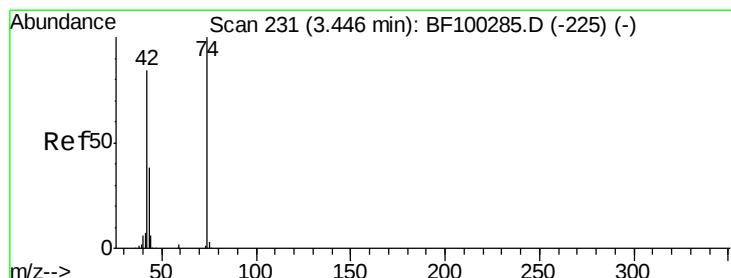
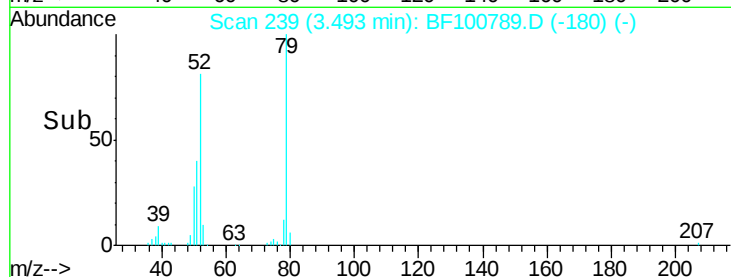
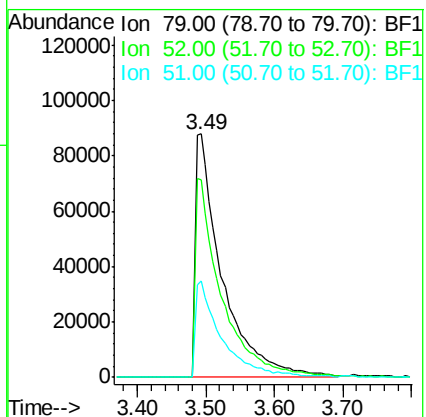
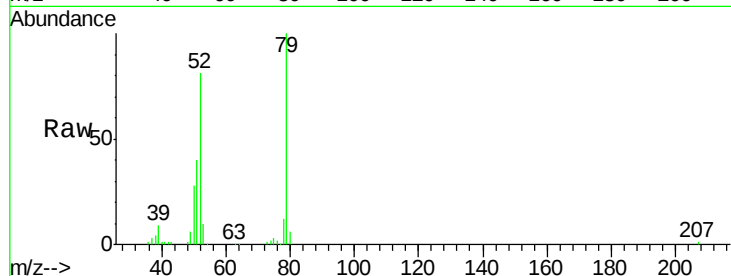
Tot Ion: 79 Resp: 236716

Ion Ratio Lower Upper

79 100

52 81.1 59.8 89.6

51 39.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.32 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

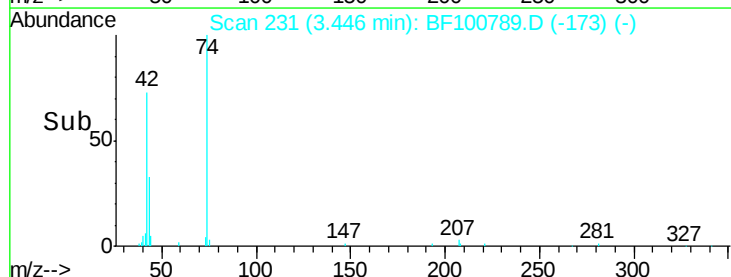
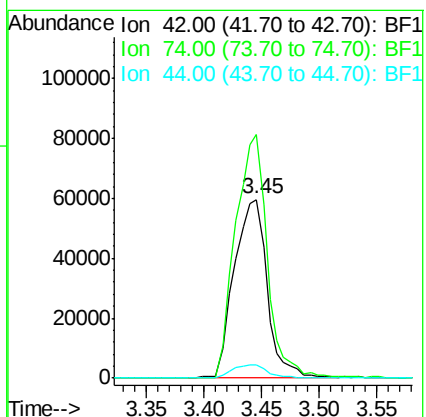
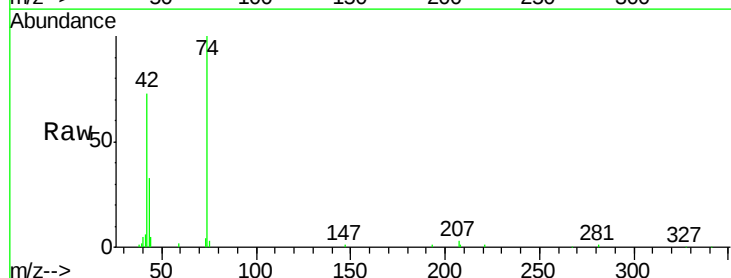
Tgt Ion: 42 Resp: 118422

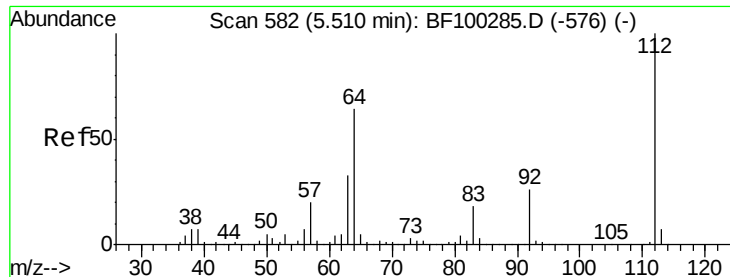
Ion Ratio Lower Upper

42 100

74 136.3 104.9 157.3

44 7.3 6.9 10.3

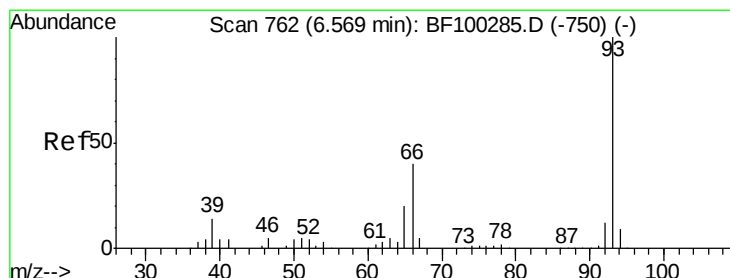
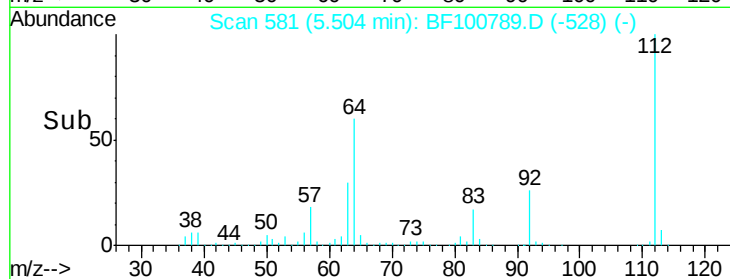
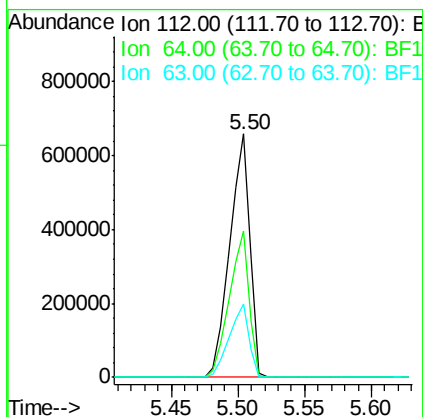
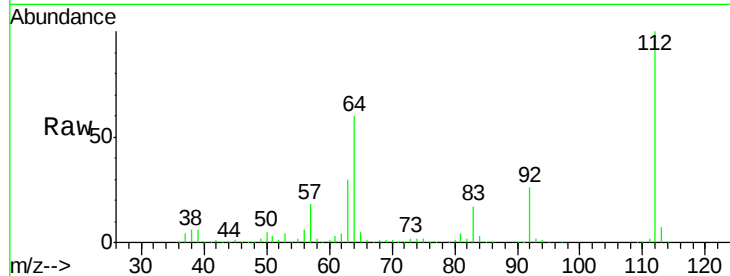




#5
 2-Fluorophenol
 Concen: 128.00 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

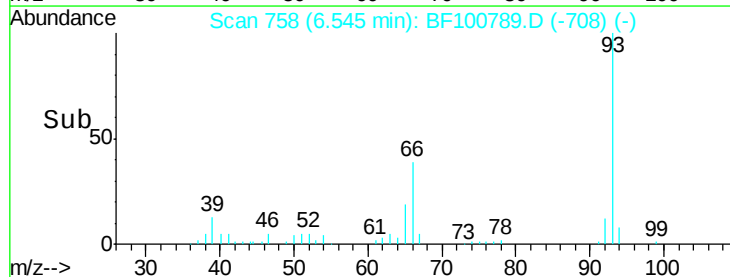
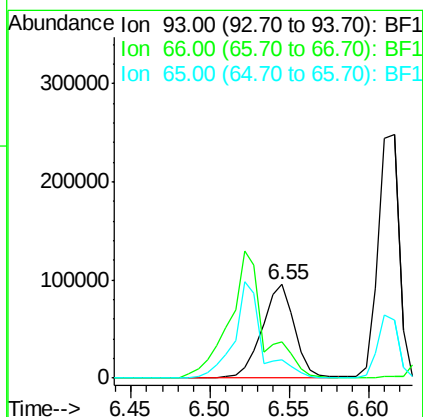
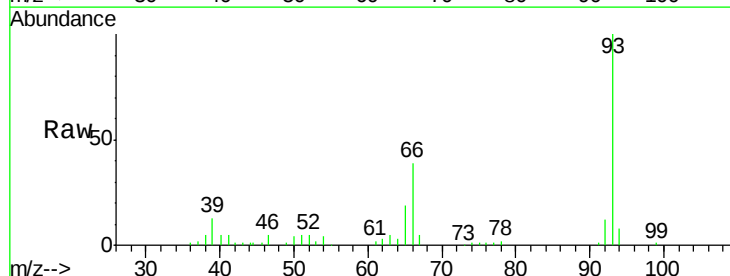
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 704718
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 30.0 23.7 35.5



#6
 Aniline
 Concen: 14.19 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion: 93 Resp: 136064
 Ion Ratio Lower Upper
 93 100
 66 39.4 32.2 48.2
 65 19.2 16.4 24.6





#7

Phenol-d6

Concen: 126.03 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

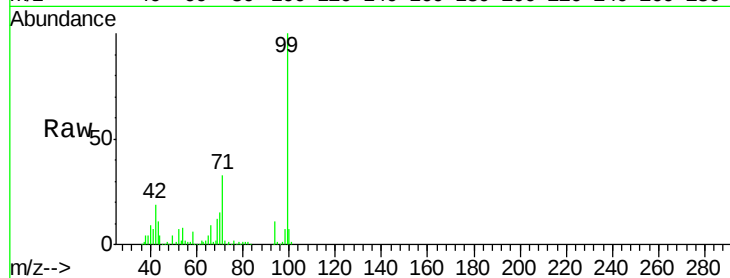
Tot Ion: 99 Resp: 855591

Ion Ratio Lower Upper

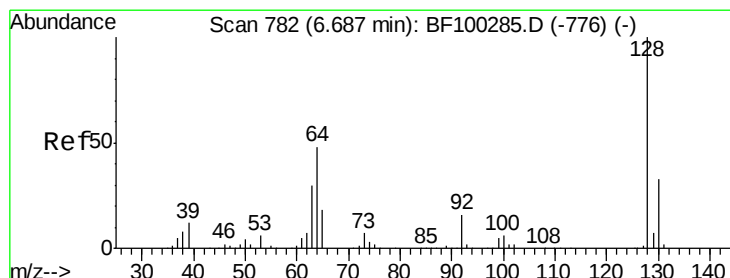
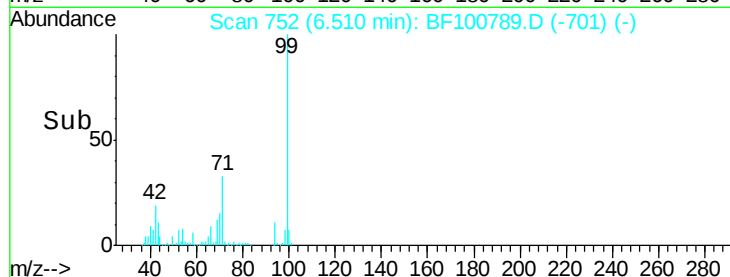
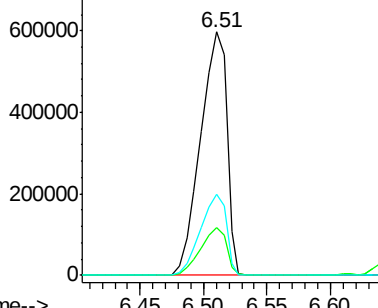
99 100

42 19.4 14.5 21.7

71 33.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.66 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100789.D

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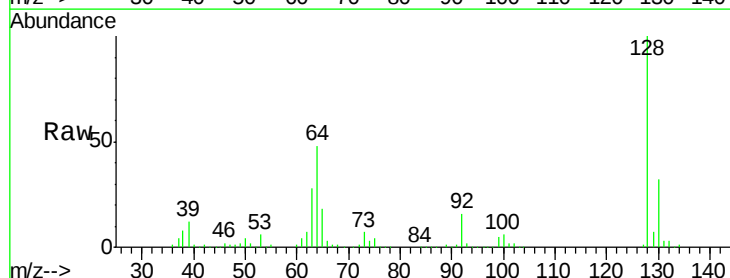
Tgt Ion: 128 Resp: 242640

Ion Ratio Lower Upper

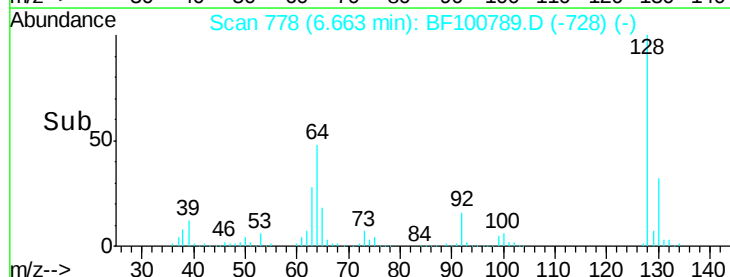
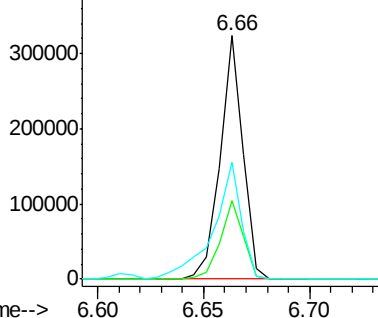
128 100

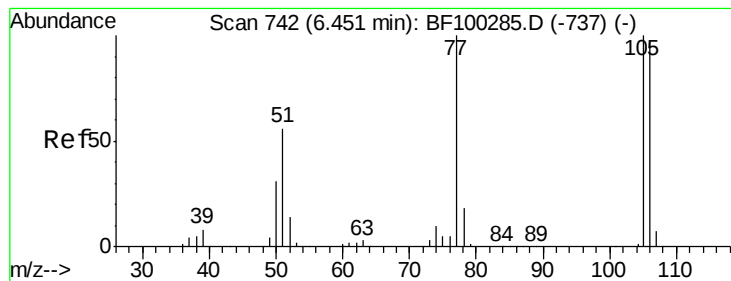
130 32.1 13.0 53.0

64 47.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.22 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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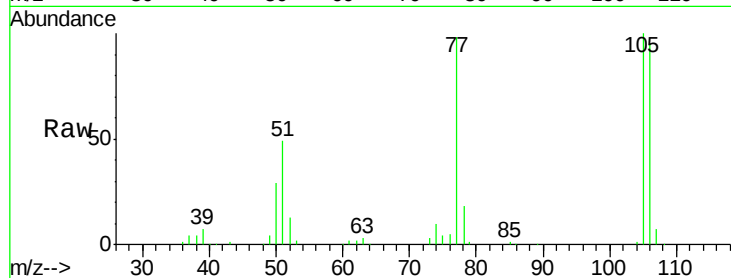
Tot Ion: 77 Resp: 88340

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

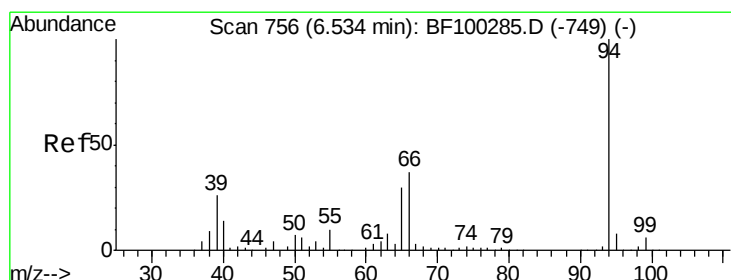
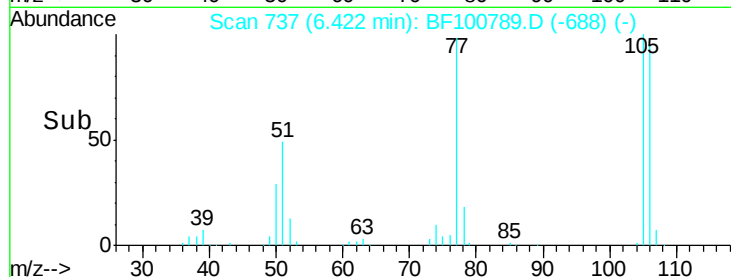
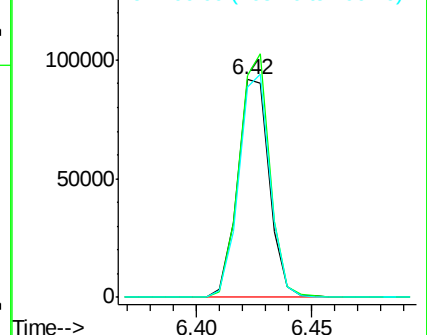
106 96.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.65 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

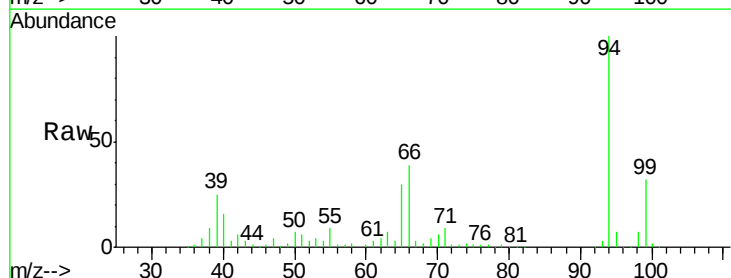
Tgt Ion: 94 Resp: 332450

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

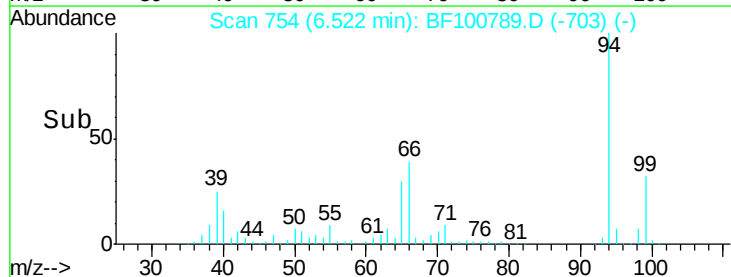
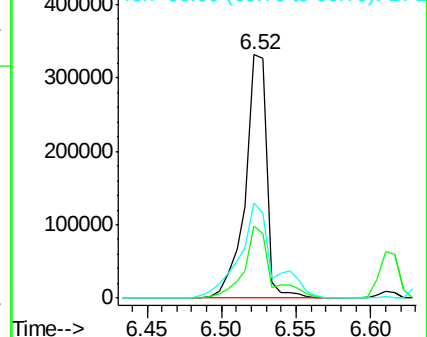
66 39.1 16.2 56.2

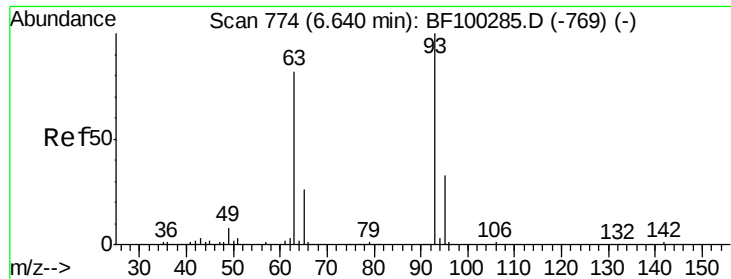


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.07 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

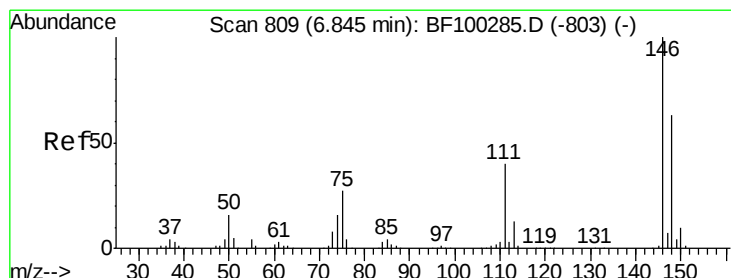
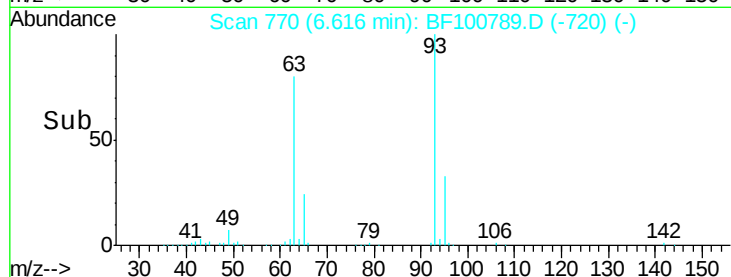
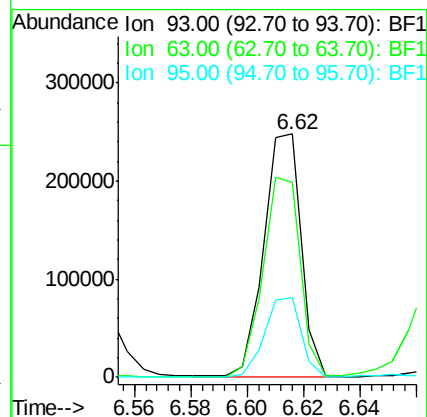
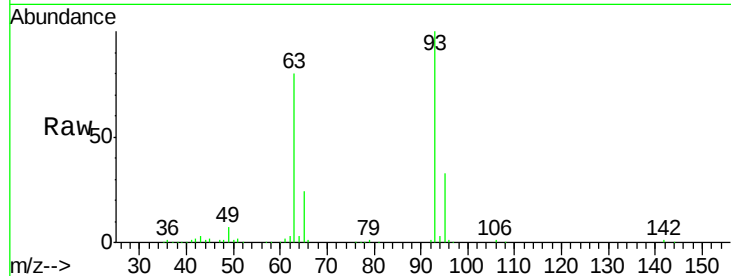
Tot Ion: 93 Resp: 227902

Ion Ratio Lower Upper

93 100

63 80.3 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.62 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

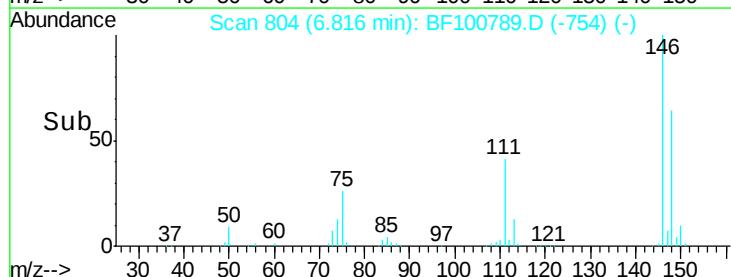
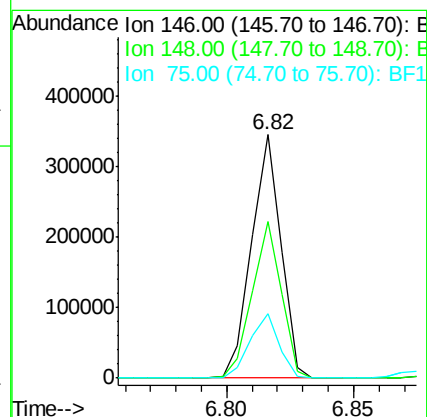
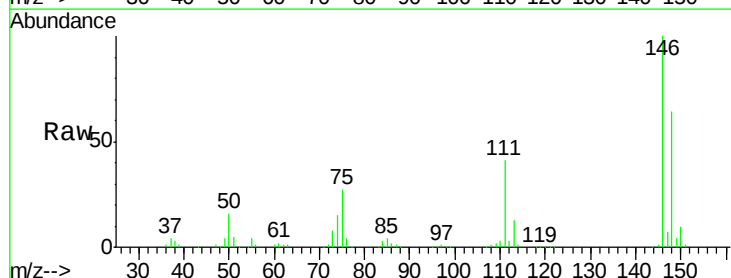
Tgt Ion: 146 Resp: 279480

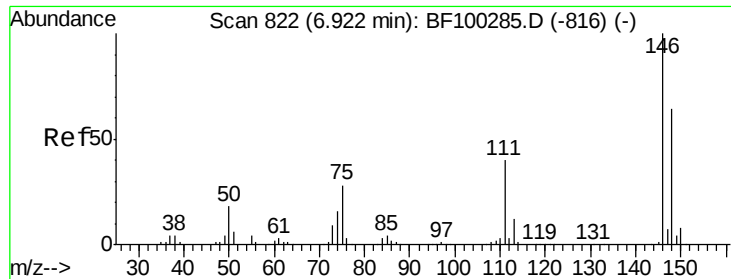
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 26.7 24.2 36.4

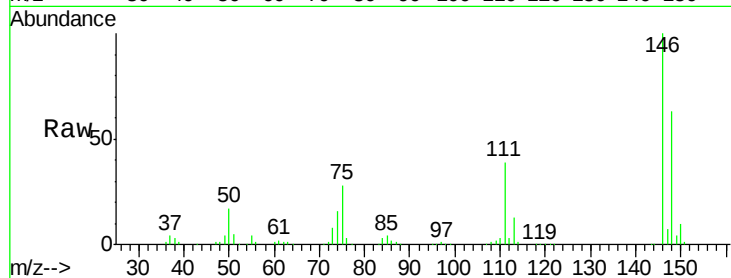




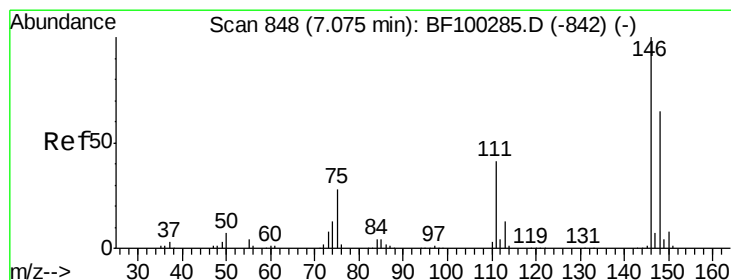
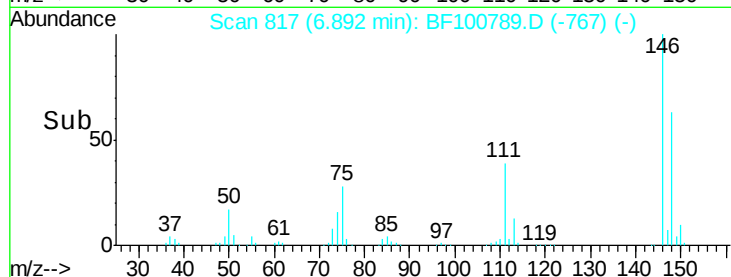
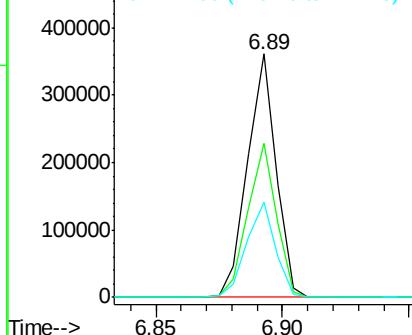
#13
1,4-Dichlorobenzene
Concen: 41.71 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 283456
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
111 39.0 34.2 51.2

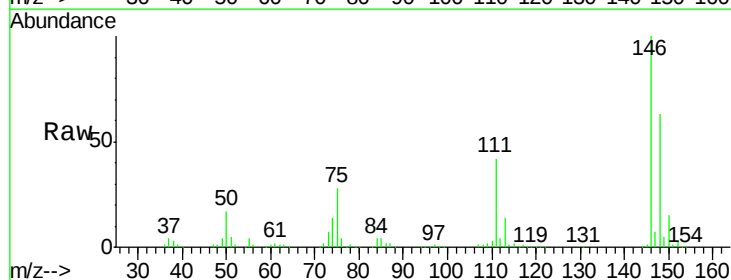


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

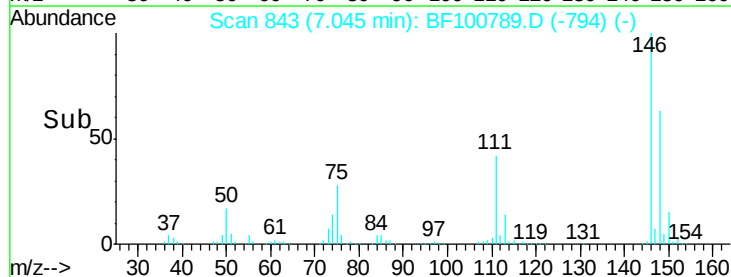
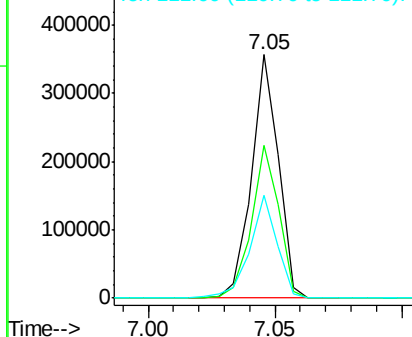


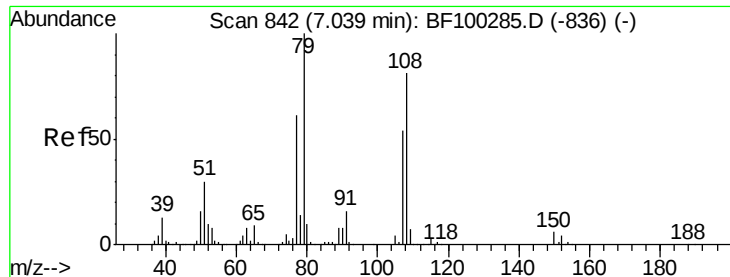
#14
1,2-Dichlorobenzene
Concen: 41.95 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:146 Resp: 263621
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
111 42.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.06 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampled :

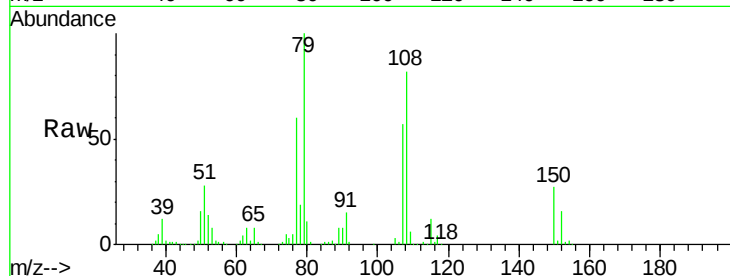
Tot Ion: 79 Resp: 206986

Ion Ratio Lower Upper

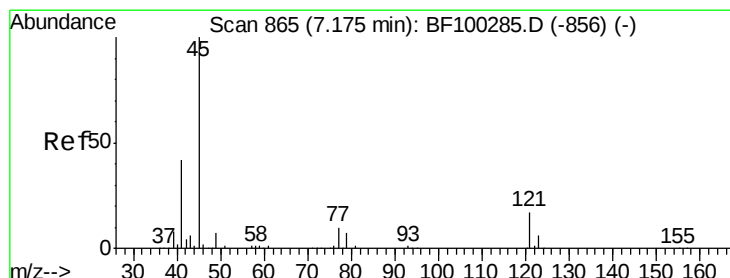
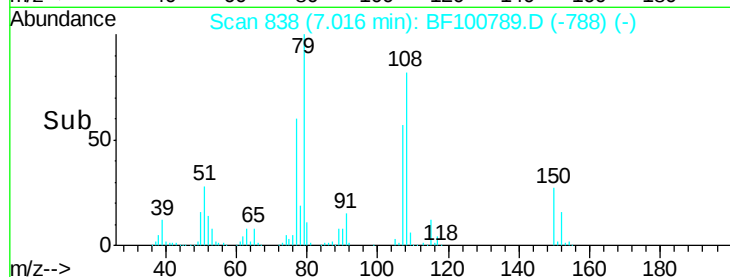
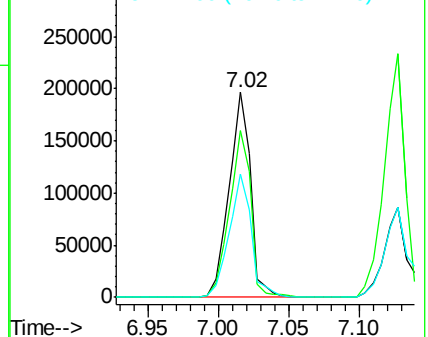
79 100

108 81.7 65.1 97.7

77 60.5 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: 41.00 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

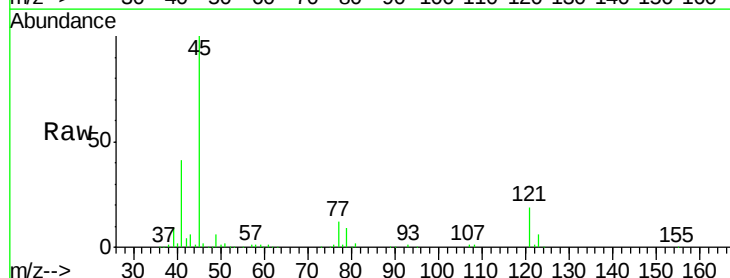
Tgt Ion: 45 Resp: 392514

Ion Ratio Lower Upper

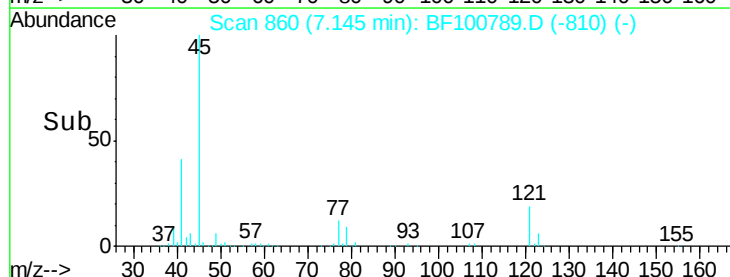
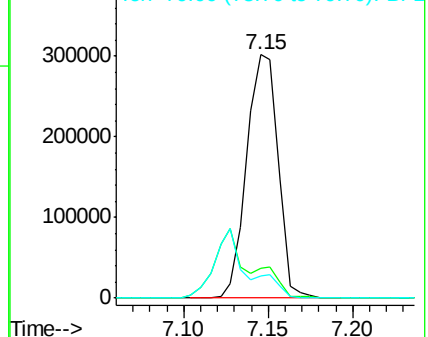
45 100

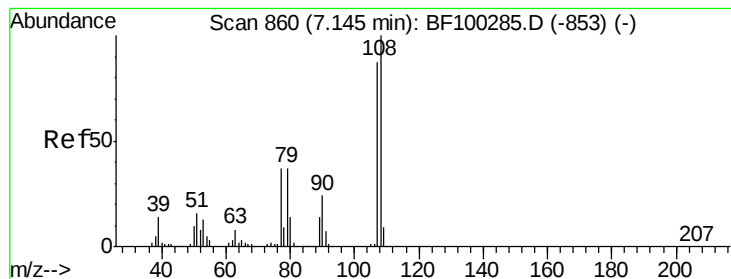
77 12.3 0.0 32.9

79 9.1 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: 41.31 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 205597

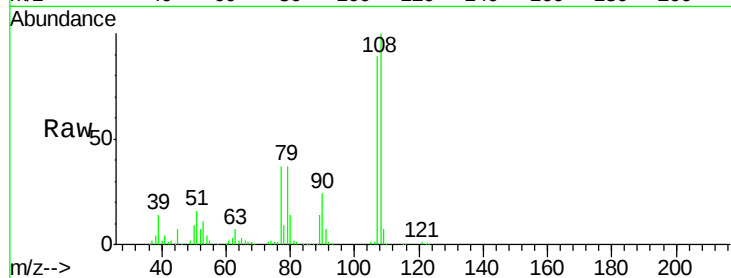
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 41.5 33.8 50.8

79 41.7 33.8 50.8

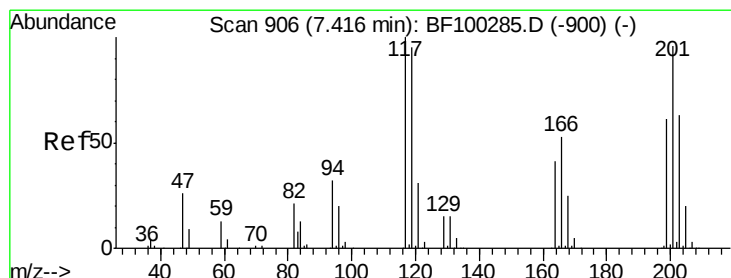
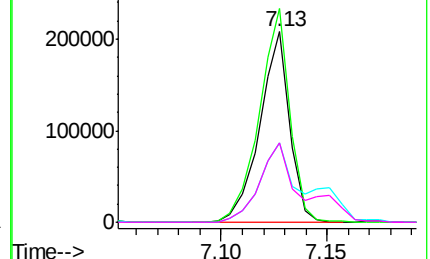
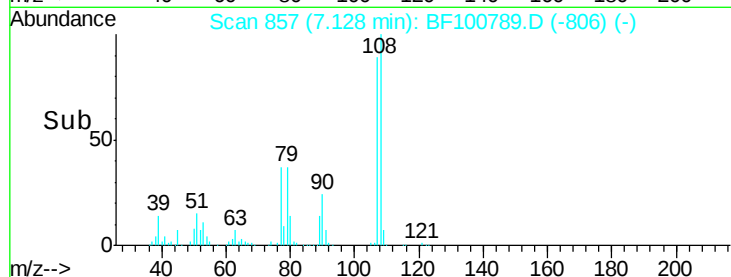


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.64 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

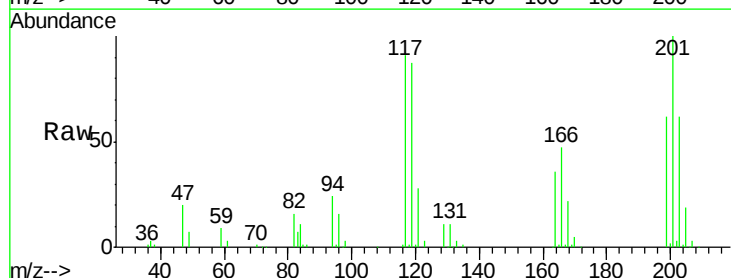
Tgt Ion:117 Resp: 91065

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

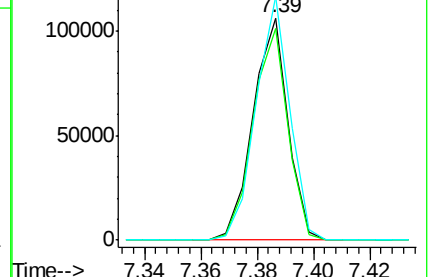
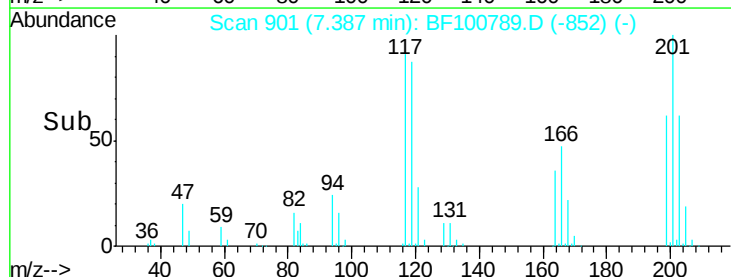
201 109.7 75.7 113.5

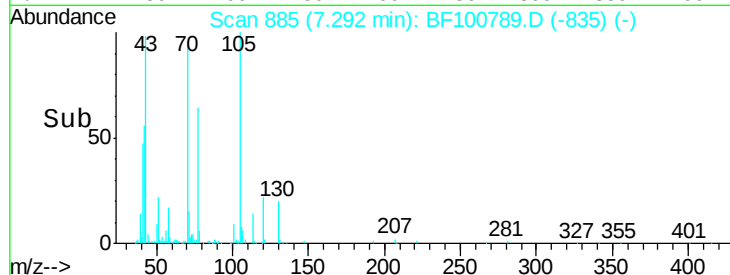
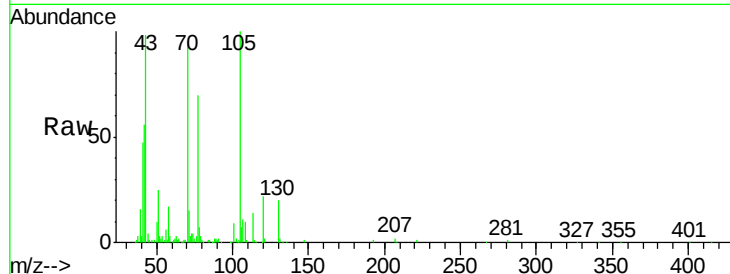
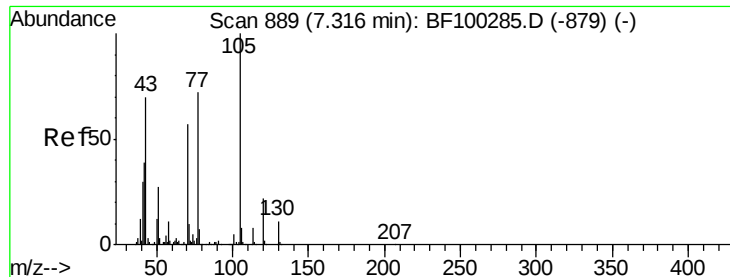


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

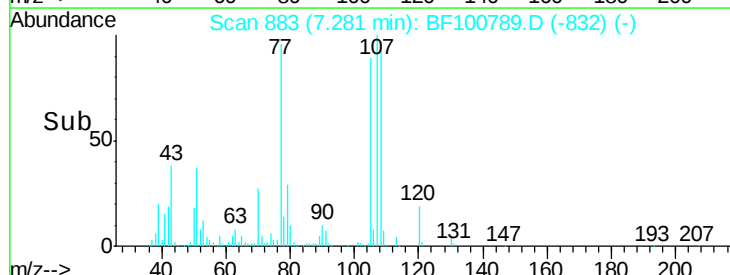
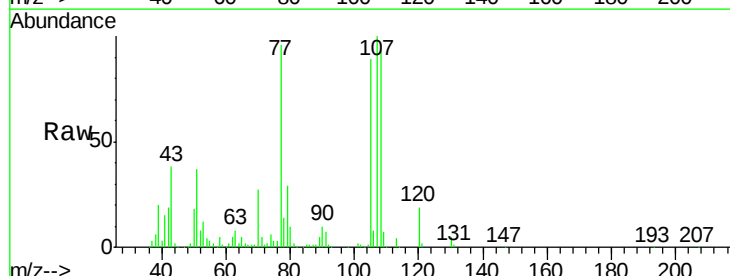
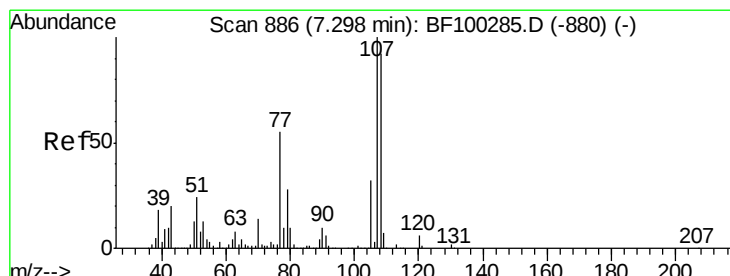
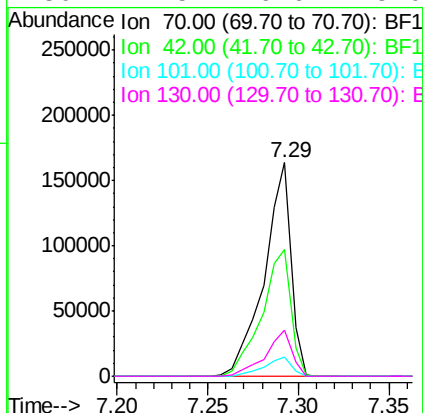




#19
n-Nitroso-di-n-propylamine
Concen: 35.74 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

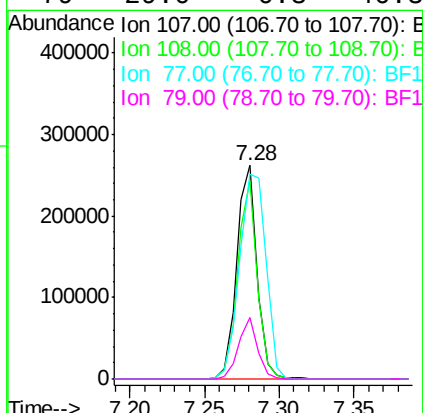
Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	168252
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.67 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:	107	Resp:	249836
Ion	Ratio	Lower	Upper
107	100		
108	92.8	68.2	108.2
77	96.1	26.7	66.7#
79	29.0	6.3	46.3

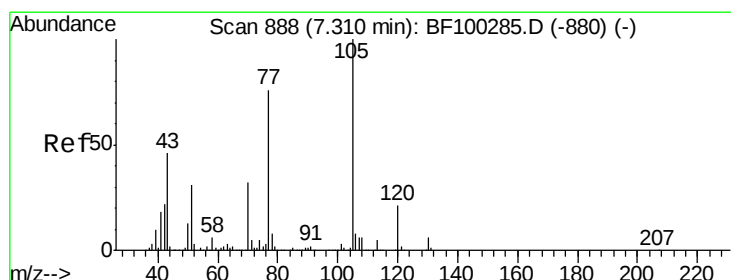
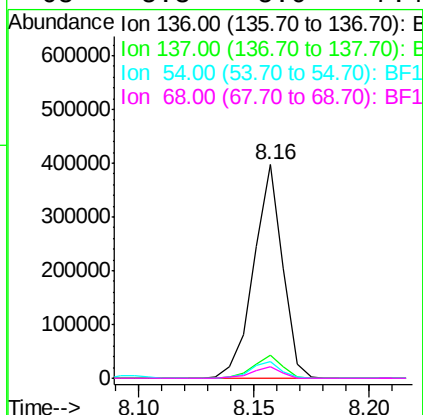
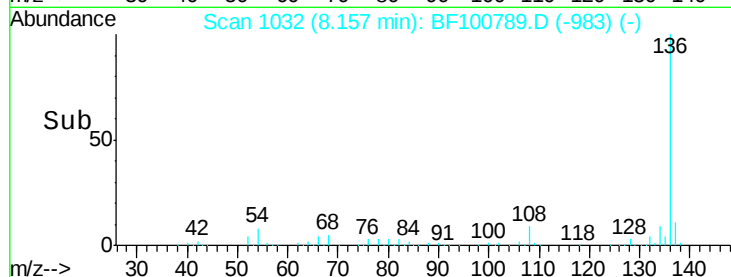
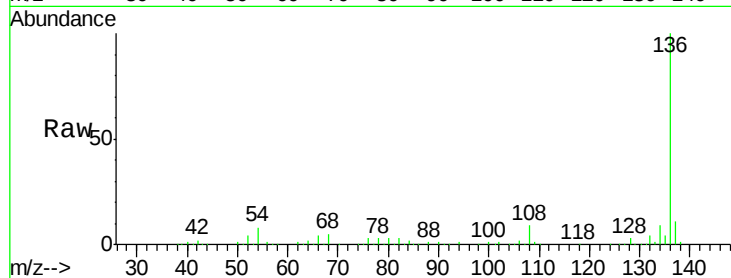




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

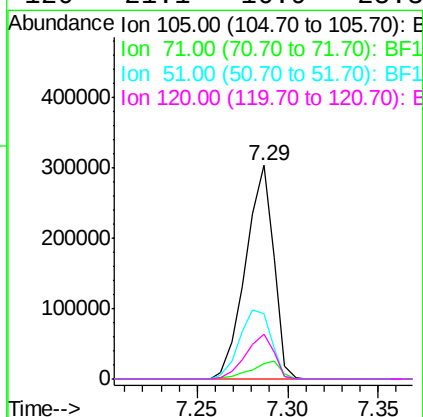
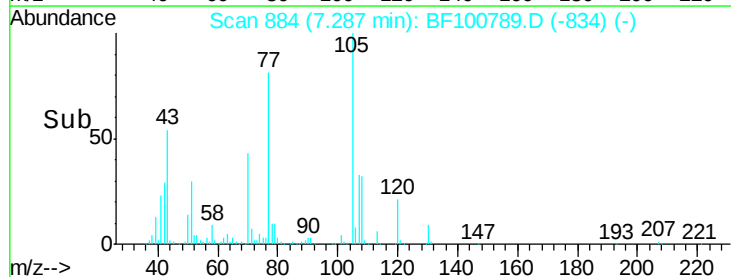
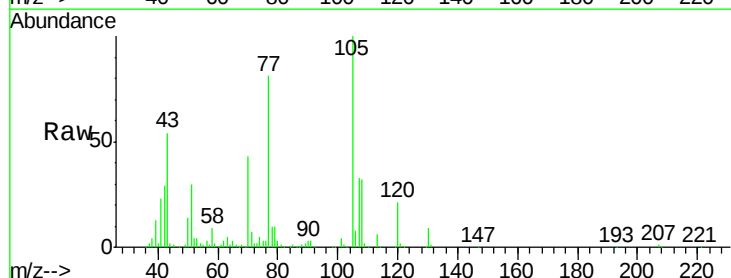
Instrument :
BNA_F
ClientSampleId :

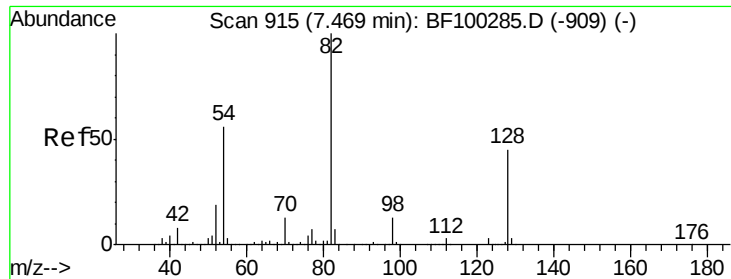
Tot Ion:136	Resp:	345082
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.8	6.6 9.8
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 38.84 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:105	Resp:	326846
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	30.3	22.3 33.5
120	21.1	16.9 25.3

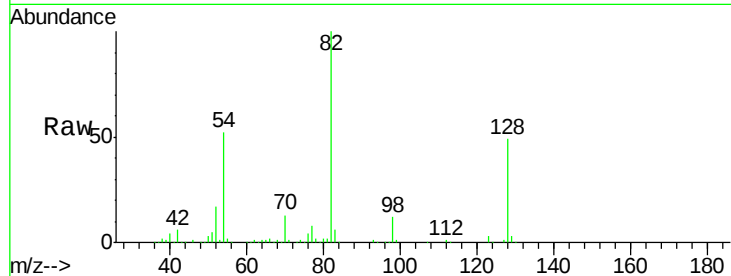




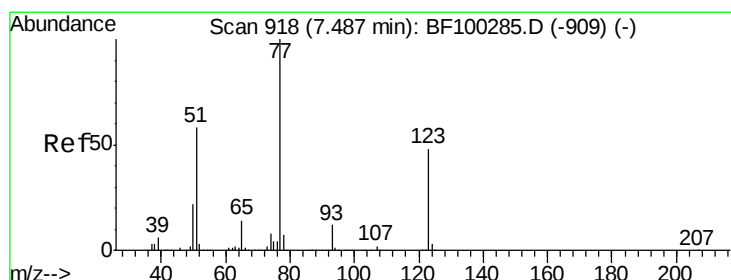
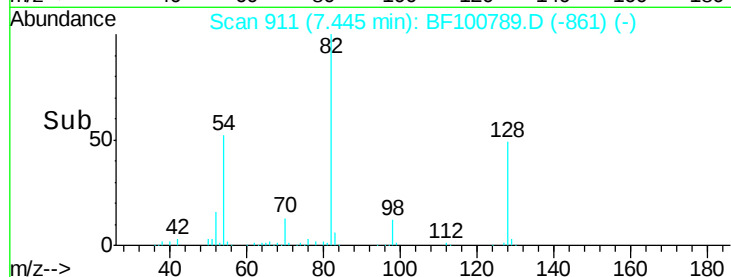
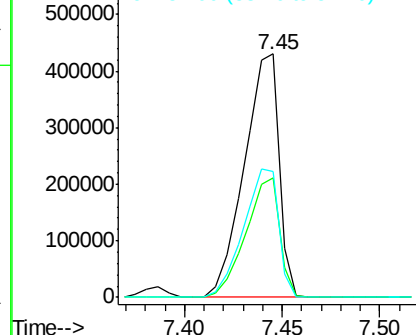
#23
Nitrobenzene-d5
Concen: 101.97 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	532254
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	51.7	41.4	62.2

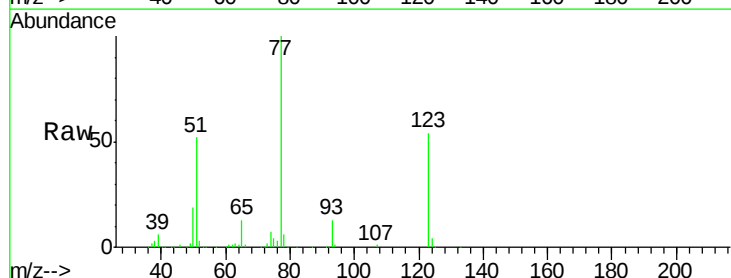


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

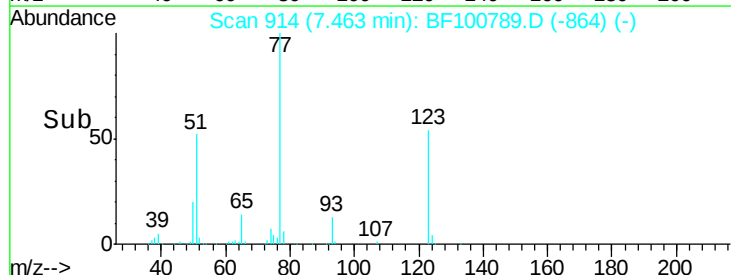
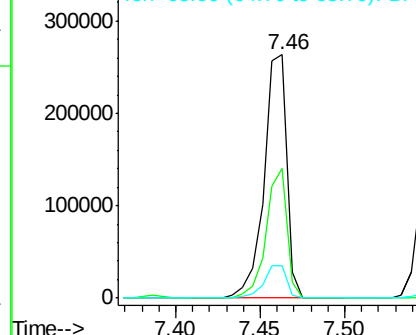


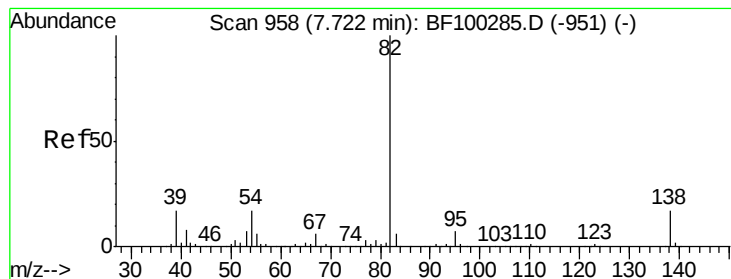
#24
Nitrobenzene
Concen: 46.05 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion	77	Resp	247365
Ion Ratio	100	Lower	Upper
123	53.5	37.9	56.9
65	13.4	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: 40.67 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampled :

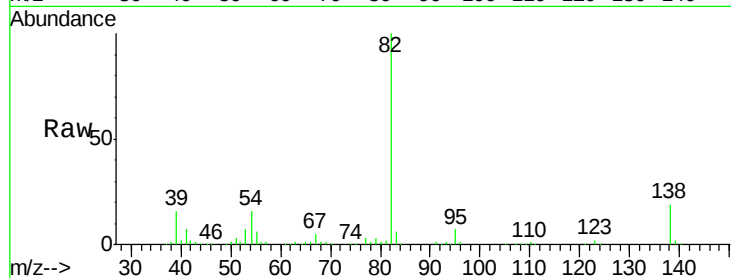
Tot Ion: 82 Resp: 446053

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

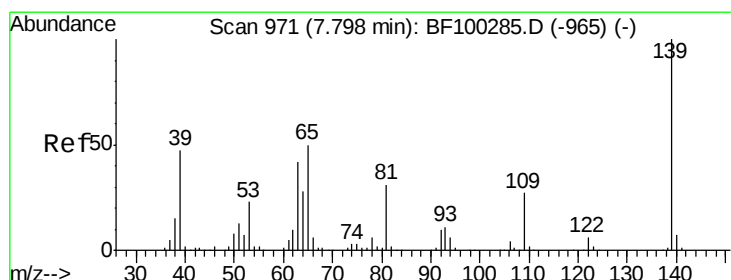
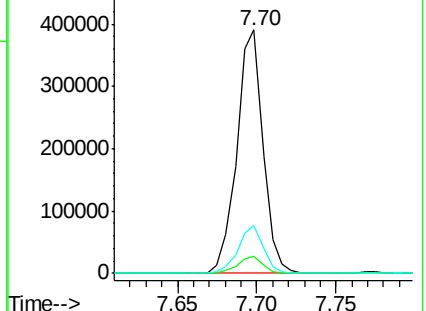
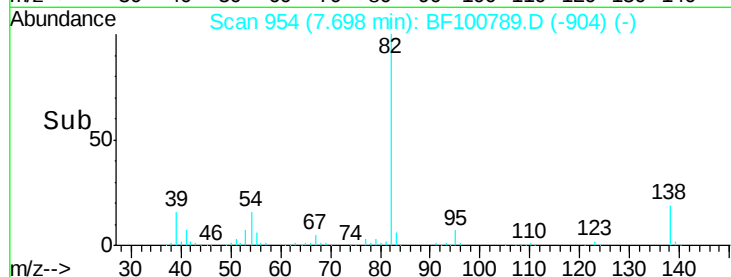
138 19.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.37 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

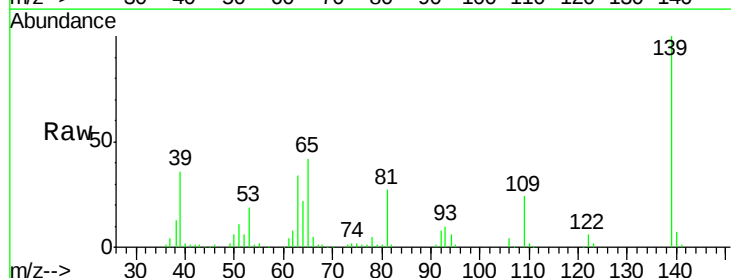
Tgt Ion: 139 Resp: 133292

Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

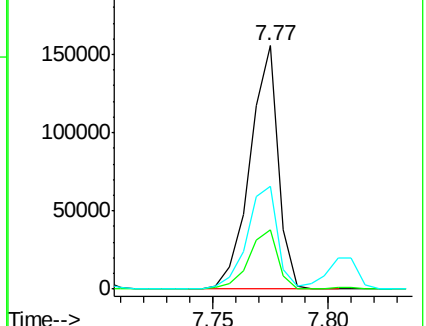
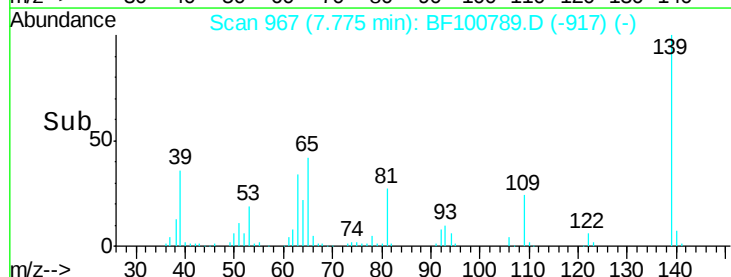
65 42.1 40.5 60.7

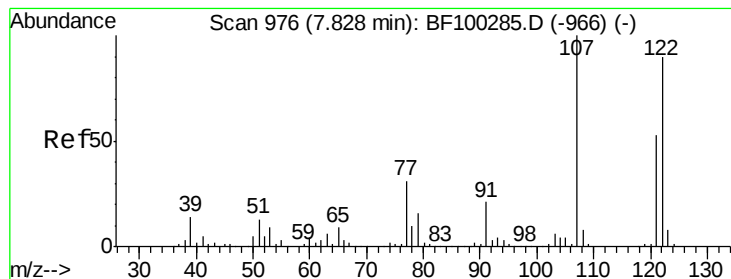


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

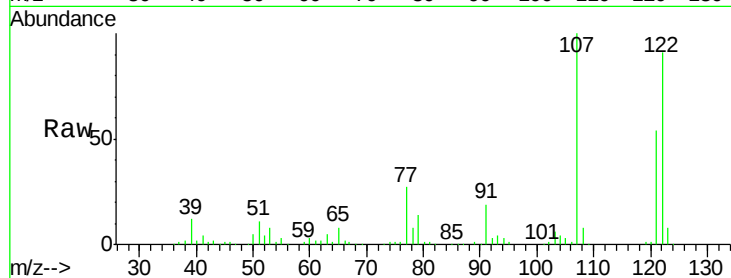
Tot Ion:122 Resp: 223617

Ion Ratio Lower Upper

122 100

107 110.4 91.2 136.8

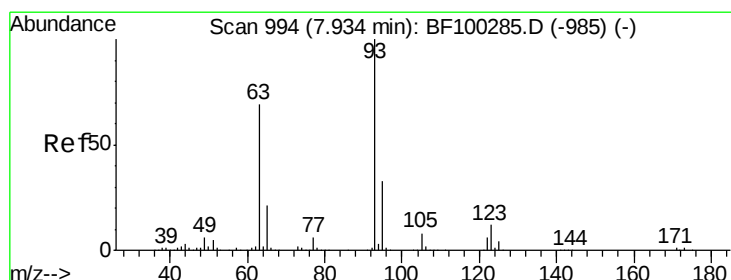
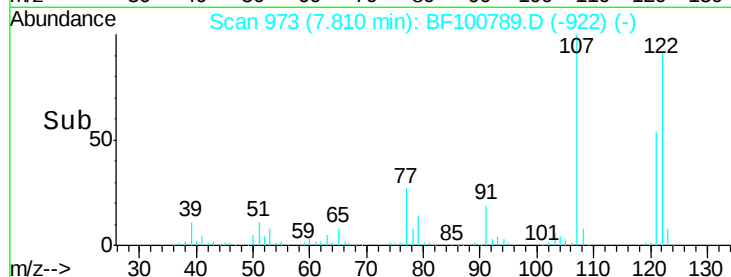
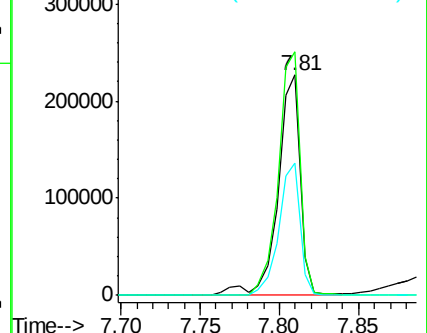
121 59.8 47.2 70.8



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: 40.18 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

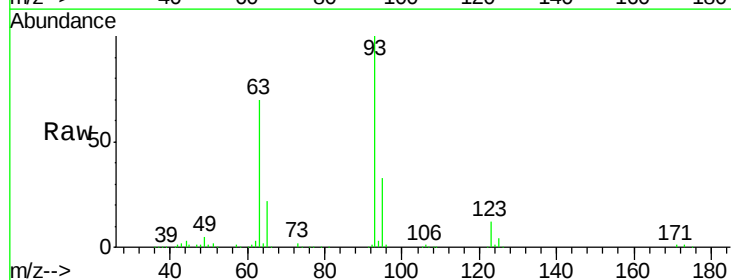
Tgt Ion: 93 Resp: 288296

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

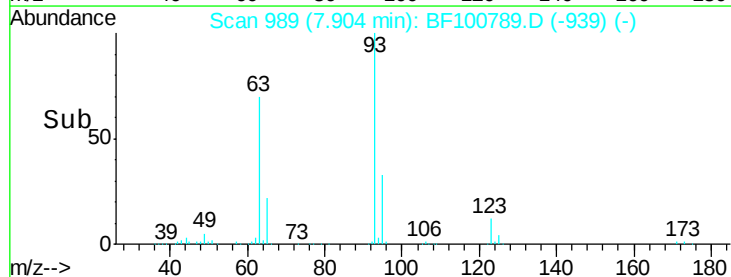
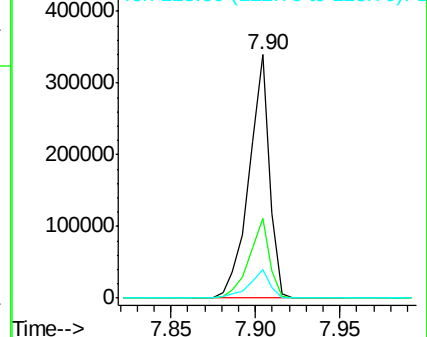
123 11.9 9.8 14.6

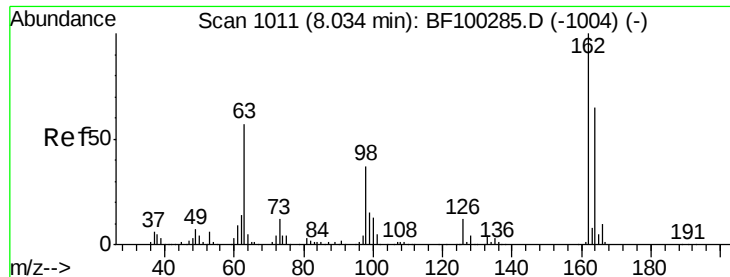


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

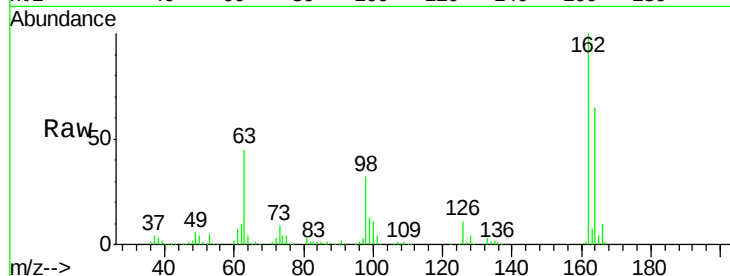




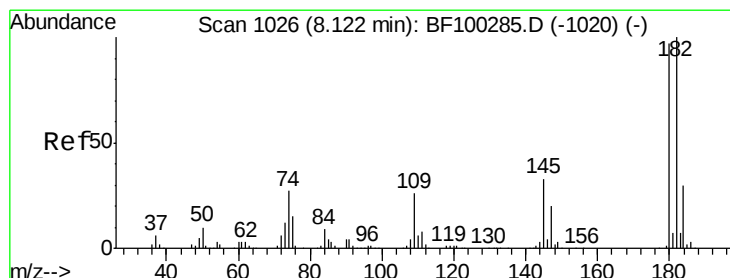
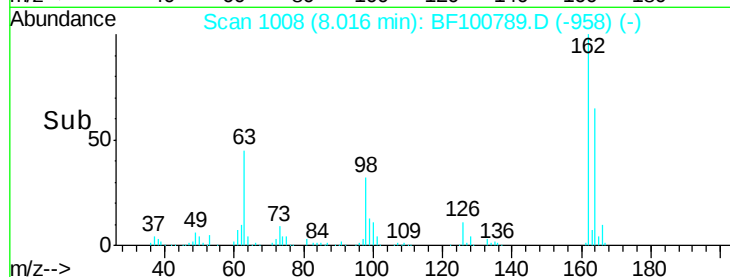
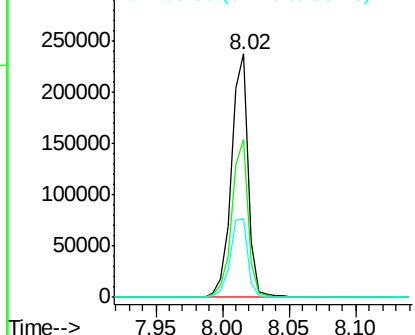
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	32.3	18.1	58.1

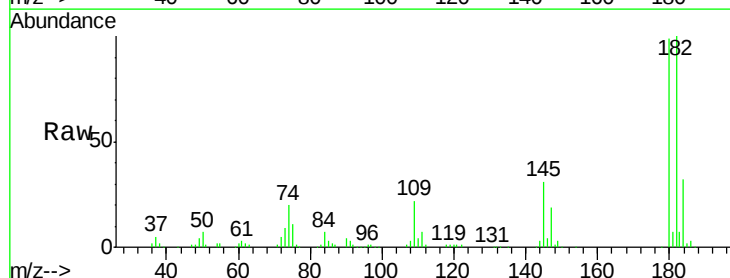


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

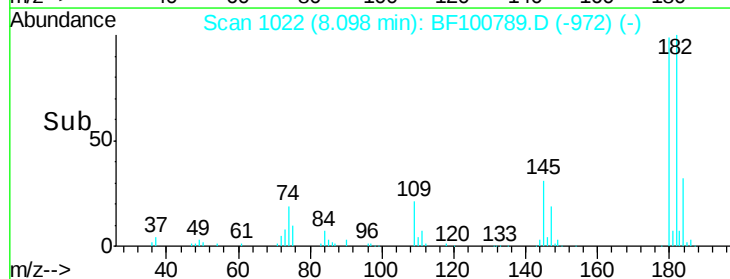
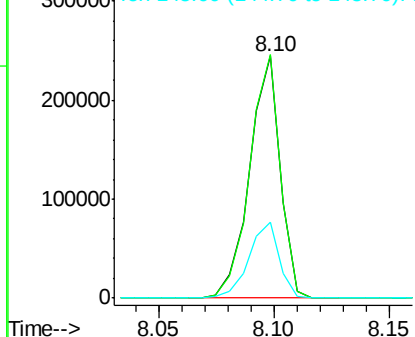


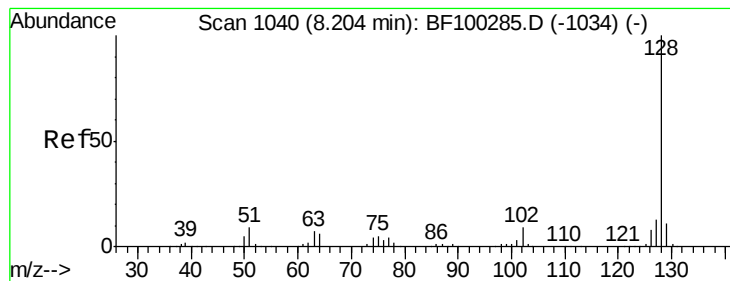
#30
 1,2,4-Trichlorobenzene
 Concen: 44.45 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	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: 42.38 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

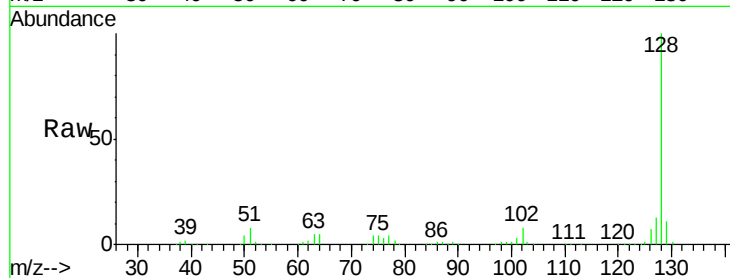
Tot Ion:128 Resp: 704389

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

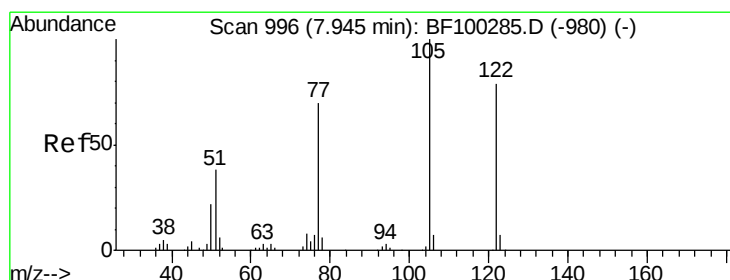
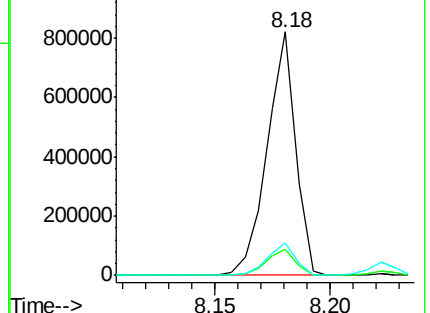
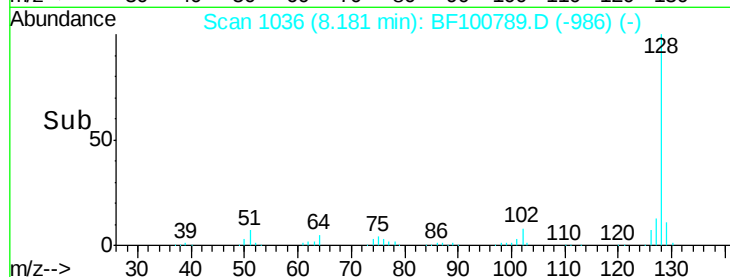
127 13.4 10.9 16.3



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: 15.01 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

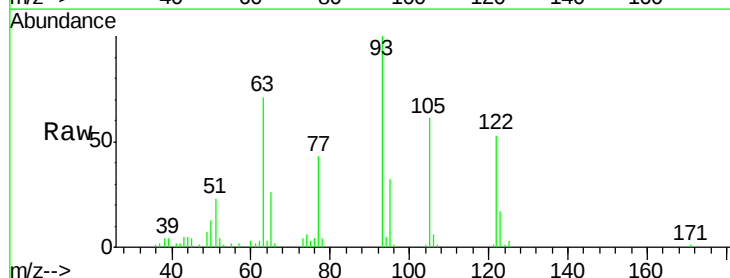
Tgt Ion:122 Resp: 26367

Ion Ratio Lower Upper

122 100

105 115.1 101.1 141.1

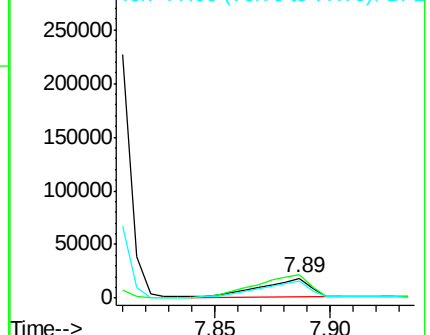
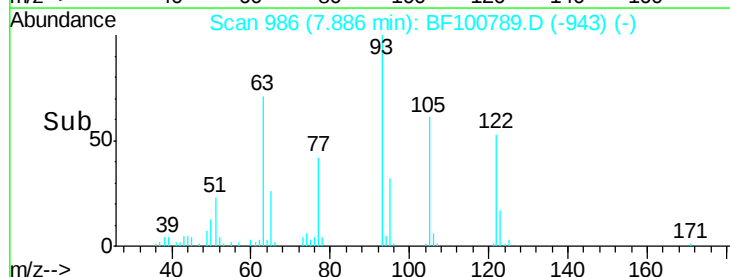
77 81.7 70.7 110.7

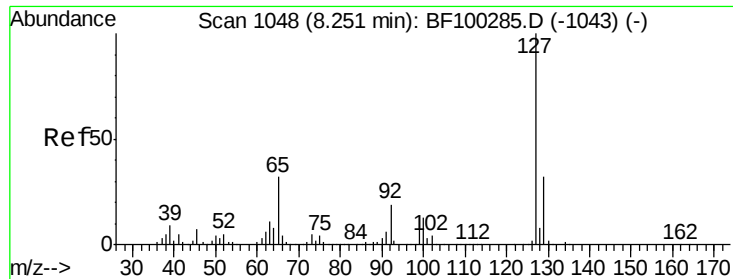


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

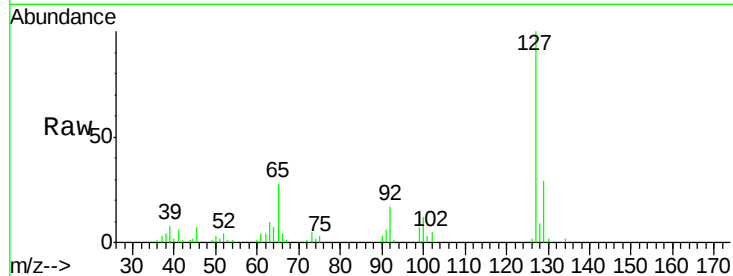




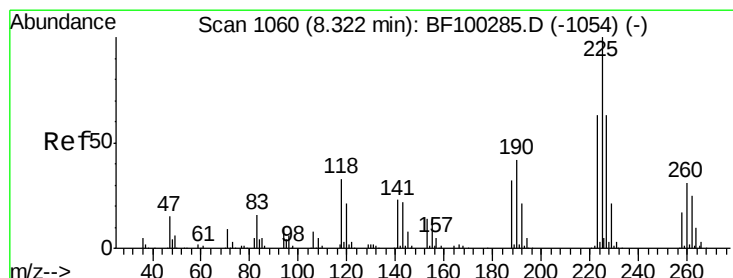
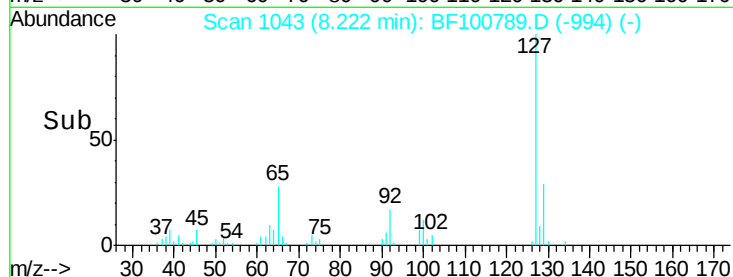
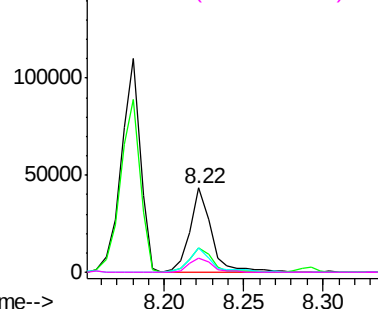
#33
4-Chloroaniline
Concen: 5.98 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	41382
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.9	38.9
65	28.2	25.0	37.4
92	17.3	15.2	22.8

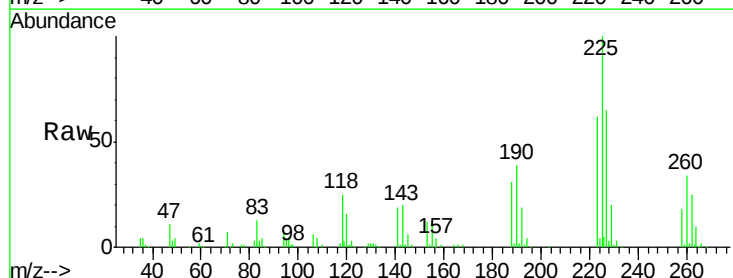


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

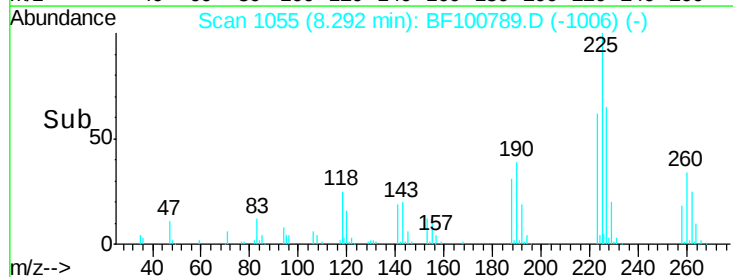
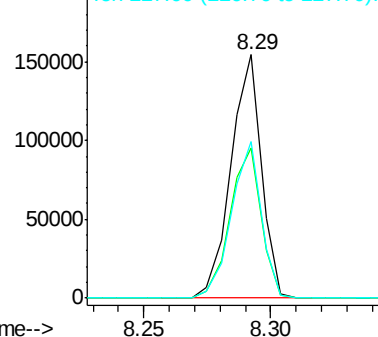


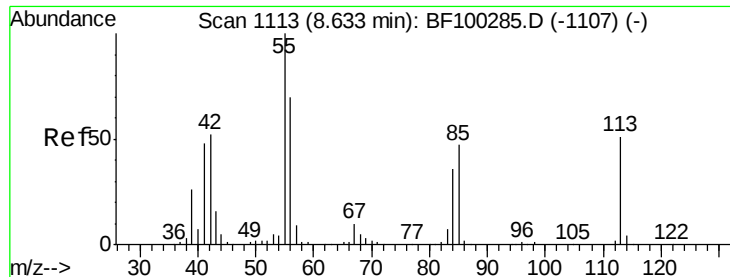
#34
Hexachlorobutadiene
Concen: 43.10 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:	225	Resp:	130120
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.5	51.9	77.9



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

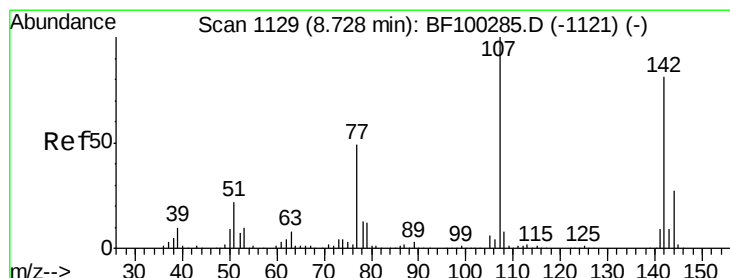
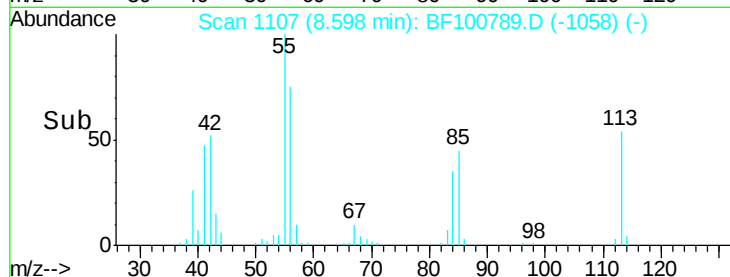
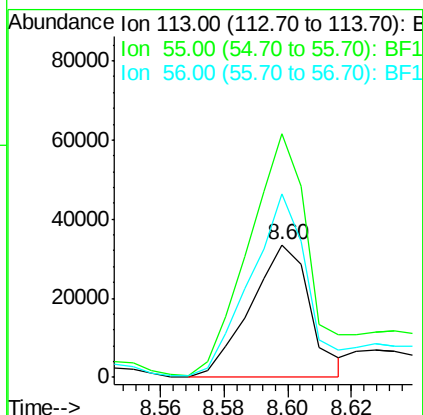
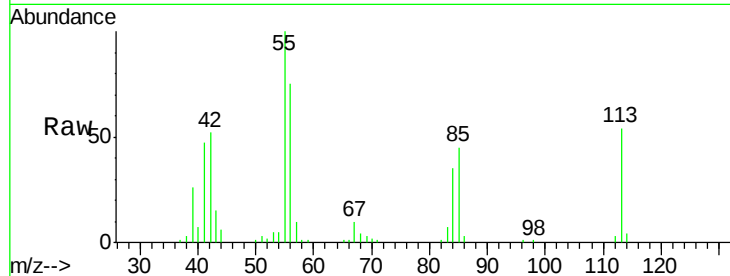




#35
 Caprolactam
 Concen: 27.21 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

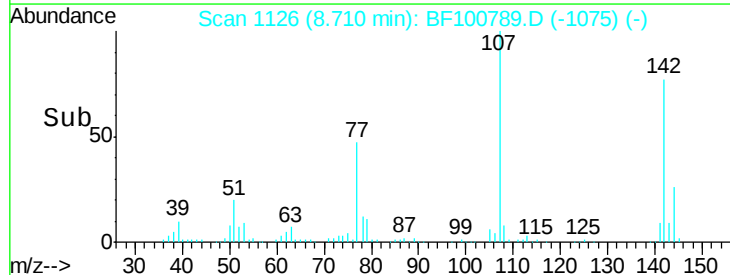
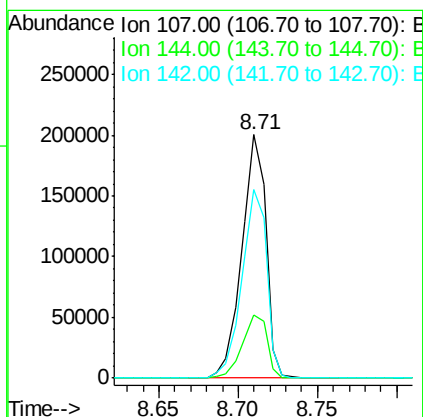
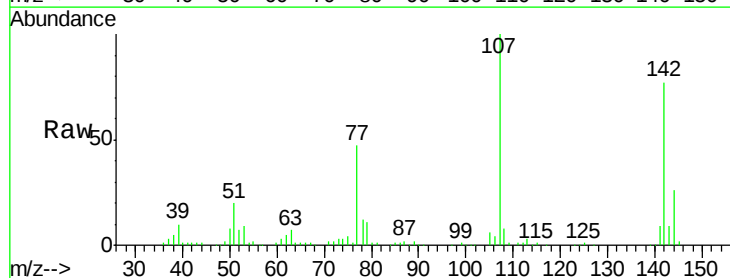
Instrument :
 BNA_F
 ClientSampleId :

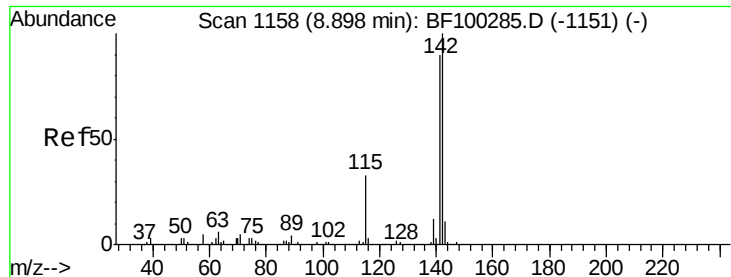
Tot Ion:113 Resp: 43830
 Ion Ratio Lower Upper
 113 100
 55 184.1 163.3 203.3
 56 138.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.83 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:107 Resp: 210858
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.5 62.0 93.0

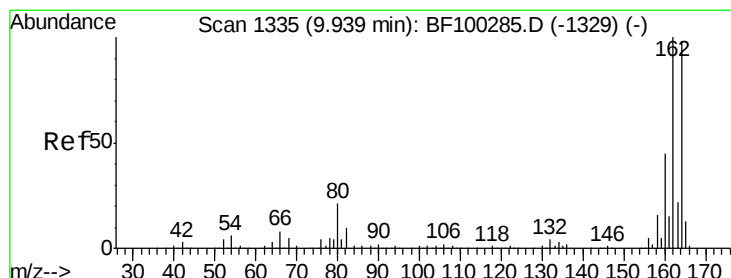
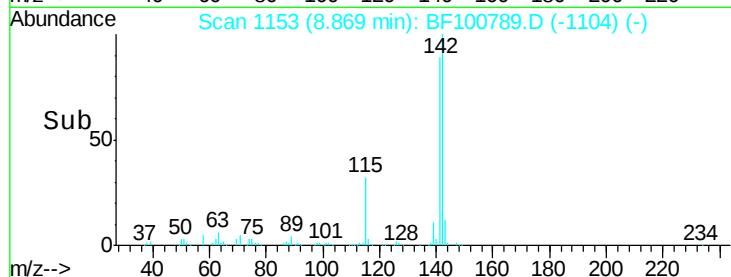
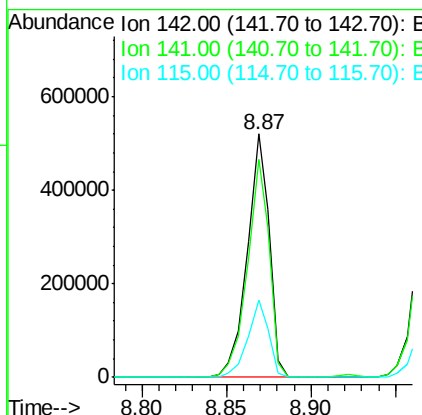
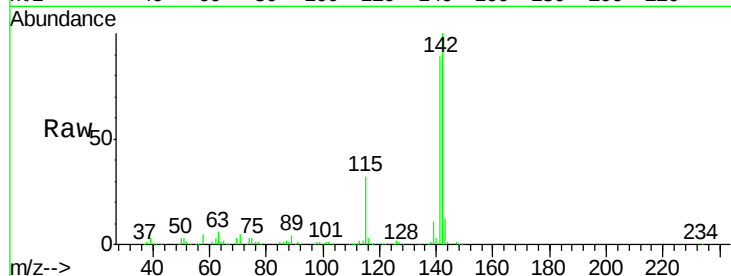




#37
2-Methylnaphthalene
Concen: 43.17 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

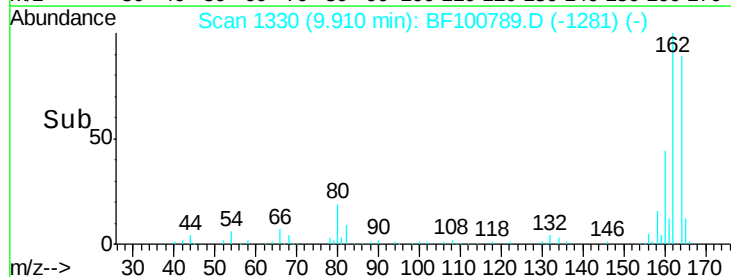
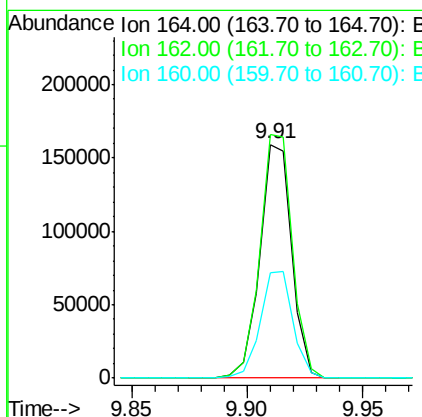
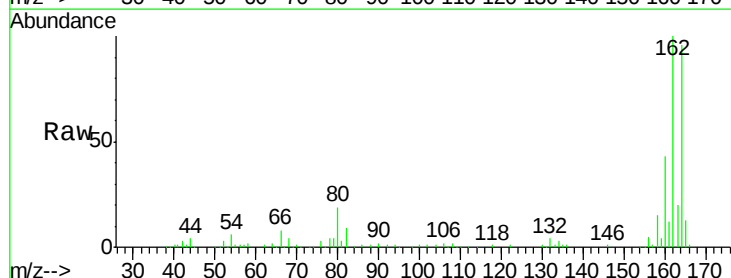
Instrument :
BNA_F
ClientSampleId :

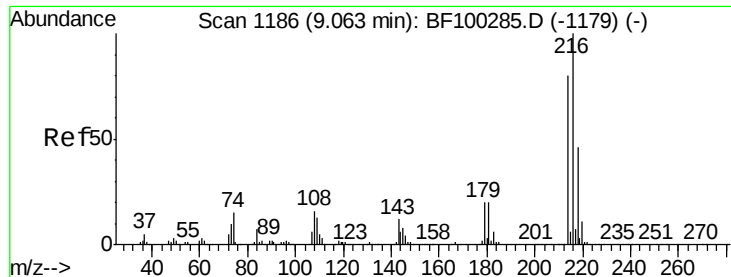
Tot Ion:142 Resp: 476333
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 31.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:164 Resp: 153097
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 44.9 38.3 57.5

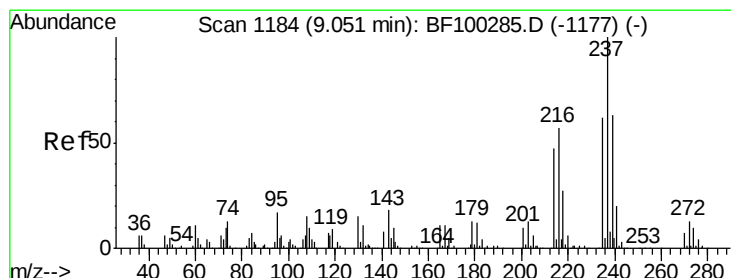
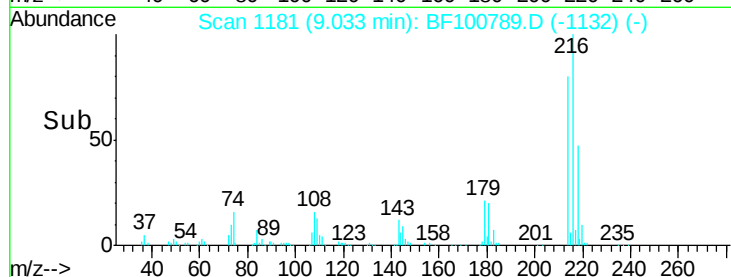
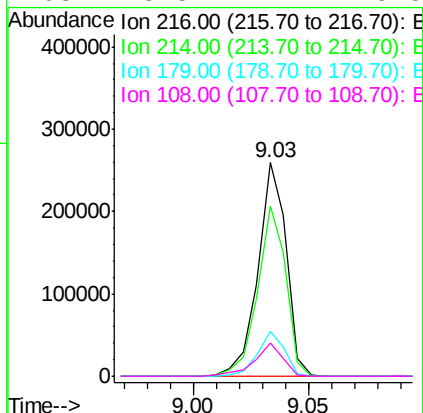
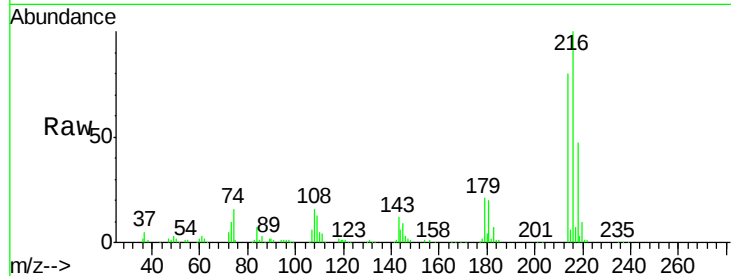




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.73 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

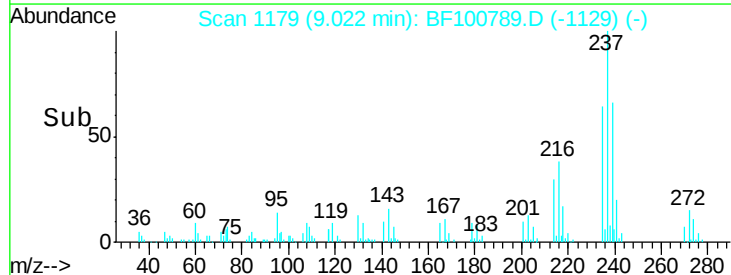
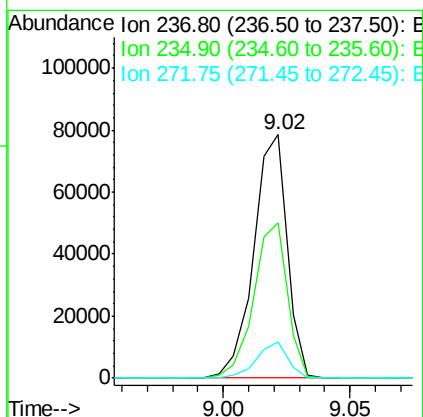
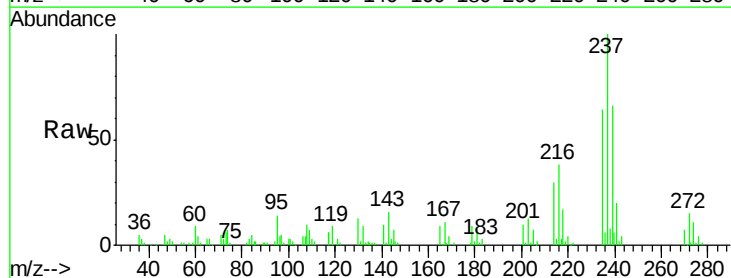
Instrument :
 BNA_F
 ClientSampleId :

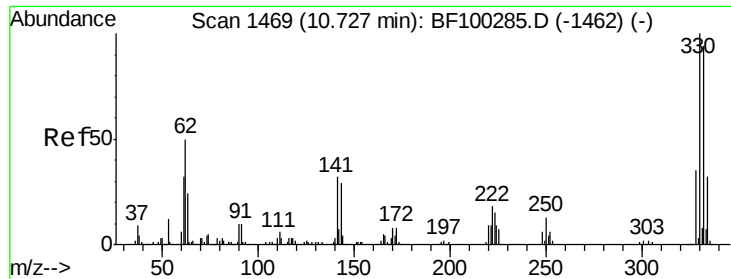
Tot Ion:216	Resp:	222014
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	20.1	18.1 27.1
108	15.5	17.2 25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 30.42 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:237	Resp:	72683
Ion Ratio	Lower	Upper
237	100	
235	63.6	44.8 84.8
272	14.8	0.0 33.3

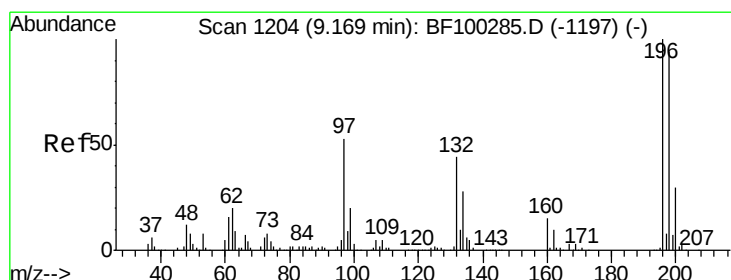
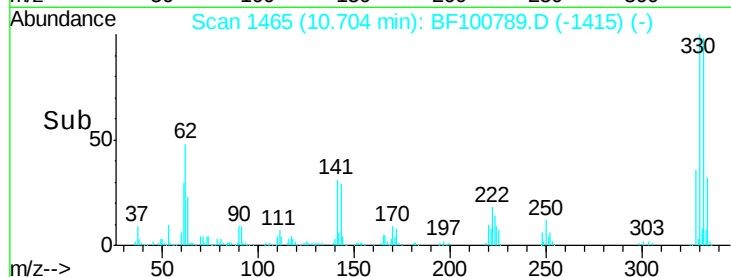
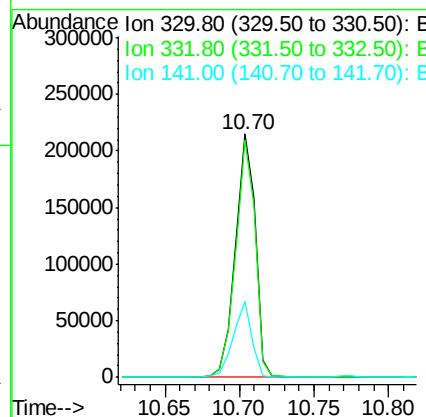
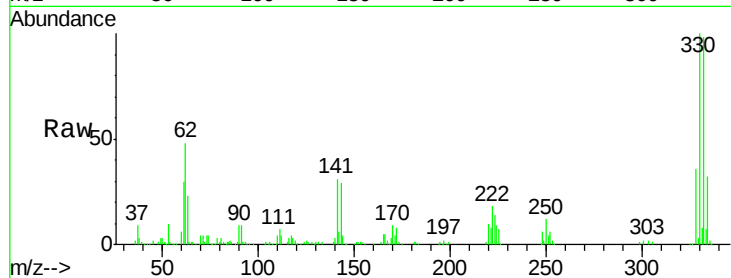




#41
 2,4,6-Tribromophenol
 Concen: 130.68 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

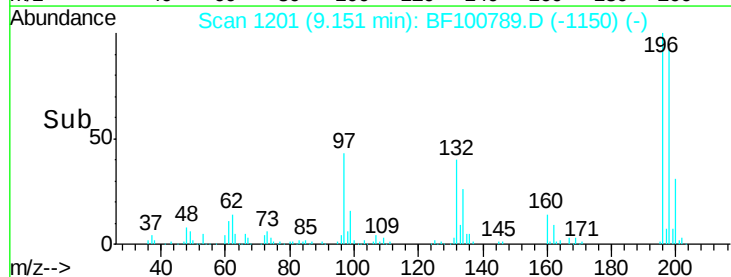
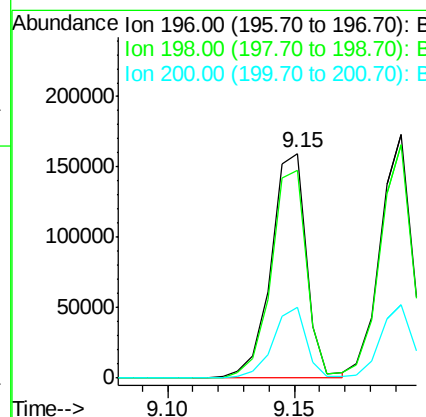
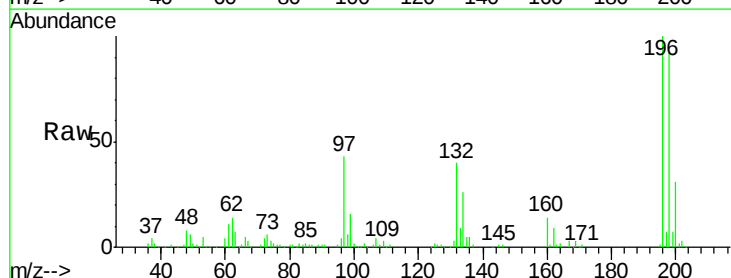
Instrument :
 BNA_F
 ClientSampleId :

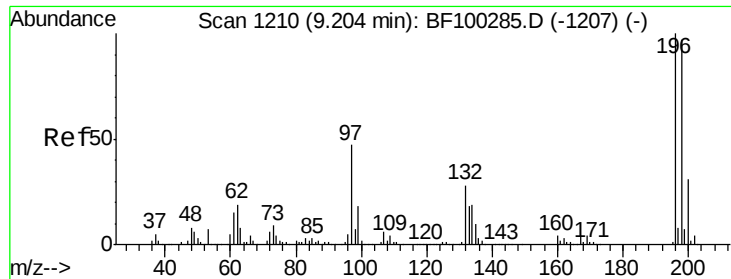
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.2	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 48.03 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
200	31.4	24.5	36.7

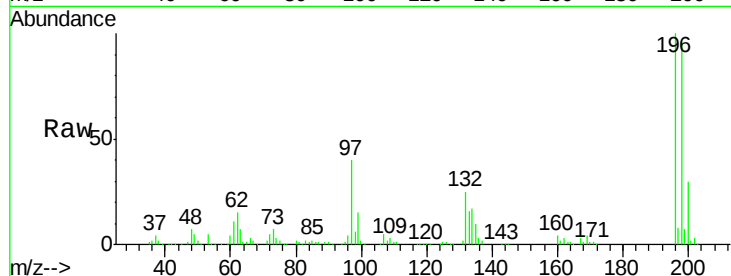




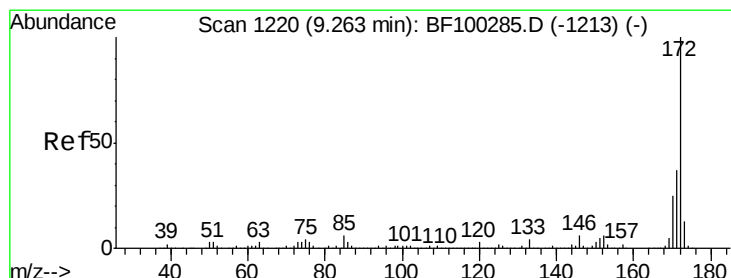
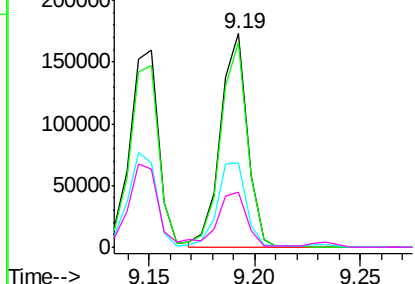
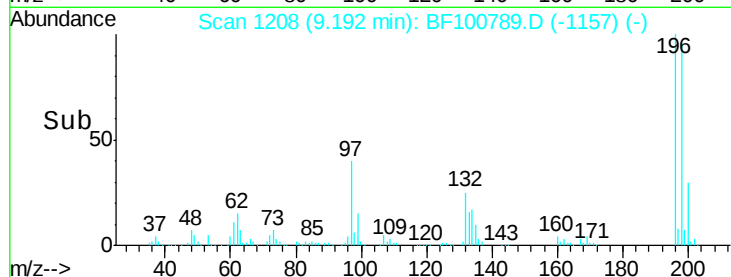
#43
2,4,5-Trichlorophenol
Concen: 45.74 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 152518
Ion Ratio Lower Upper
196 100
198 96.0 74.6 112.0
97 39.7 42.9 64.3#
132 25.5 26.3 39.5#

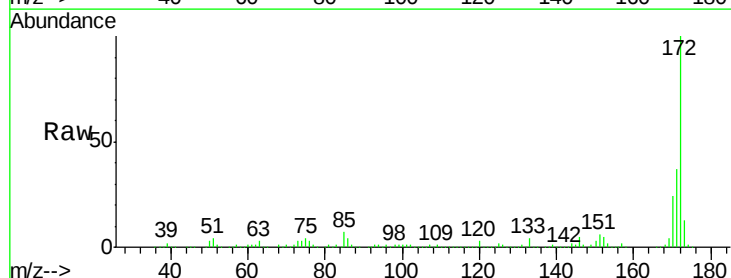


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

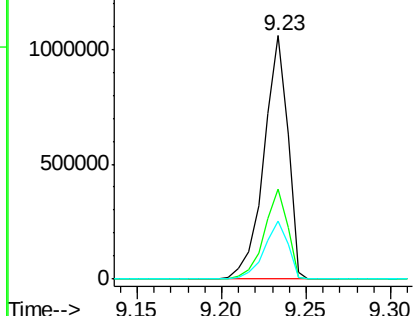
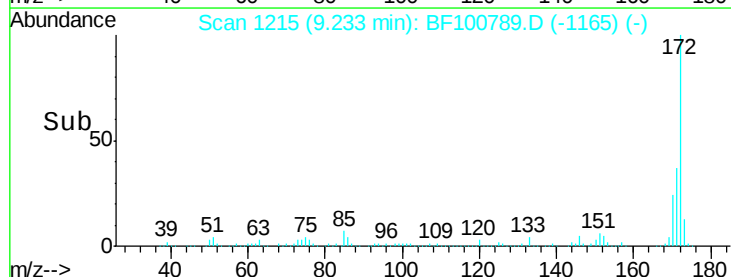


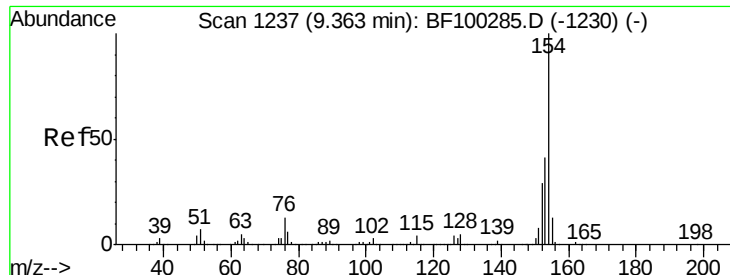
#44
2-Fluorobiphenyl
Concen: 102.83 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:172 Resp: 1033862
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 23.9 19.6 29.4



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

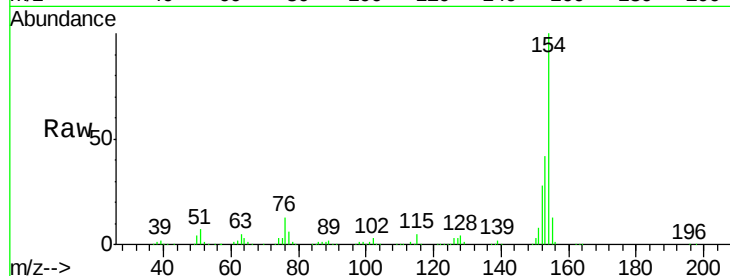




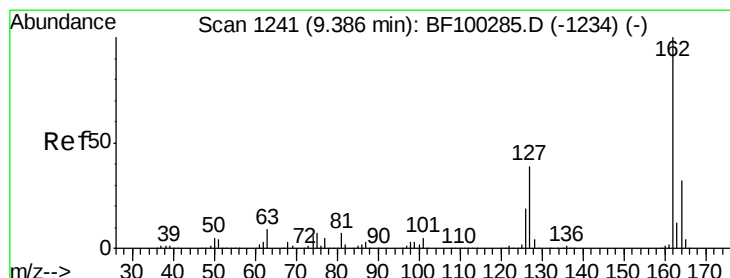
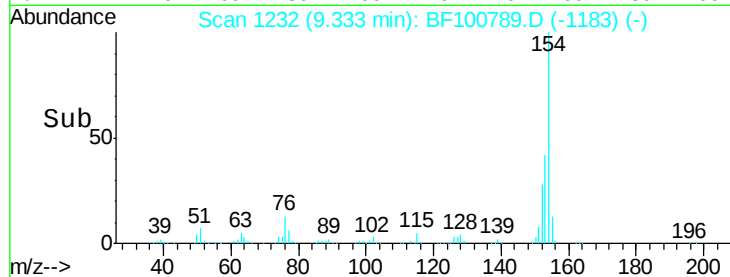
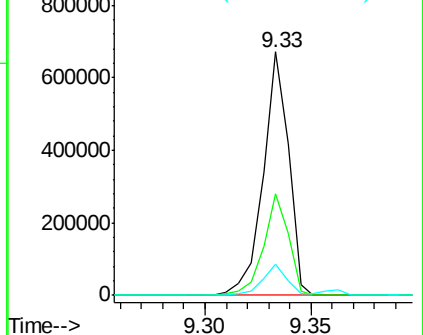
#45
 1,1'-Biphenyl
 Concen: 42.38 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.8	0.0	34.0

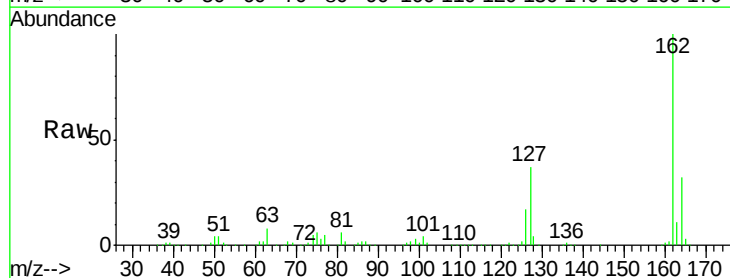


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

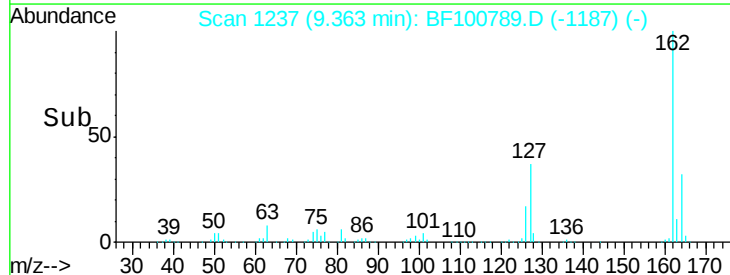
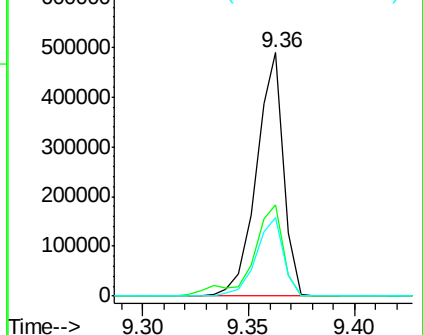


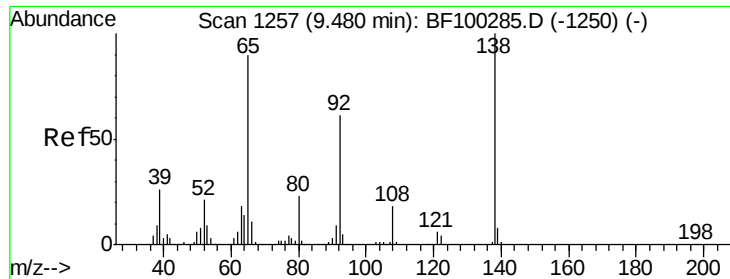
#46
 2-Chloronaphthalene
 Concen: 45.13 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	33.9	50.9
164	32.3	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

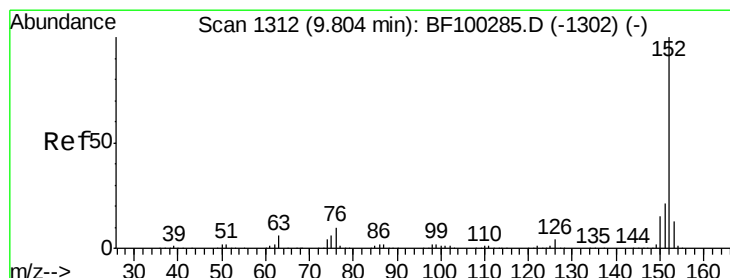
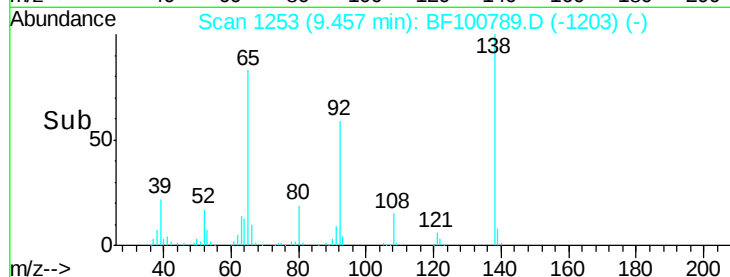
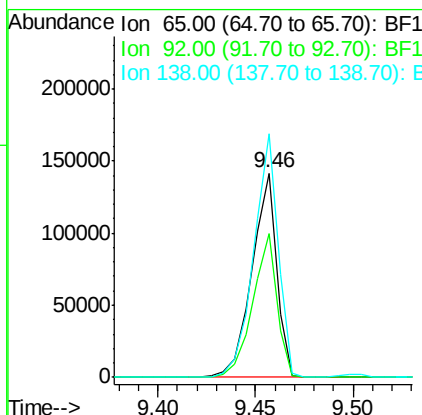
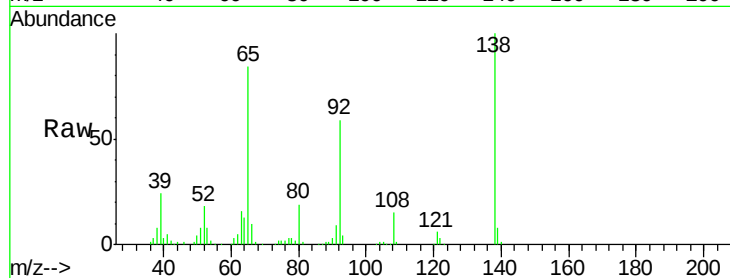




#47
2-Nitroaniline
Concen: 44.29 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

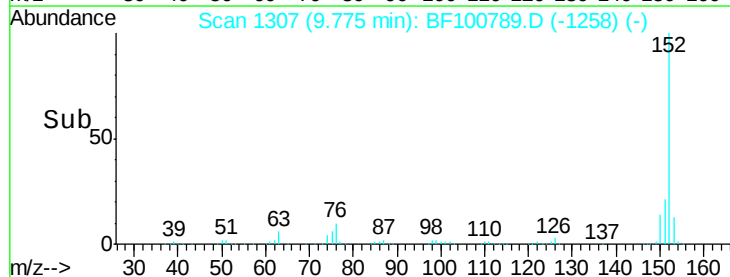
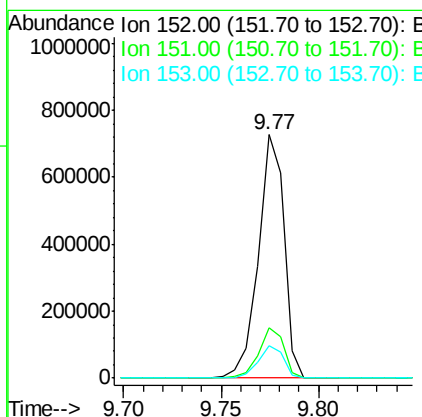
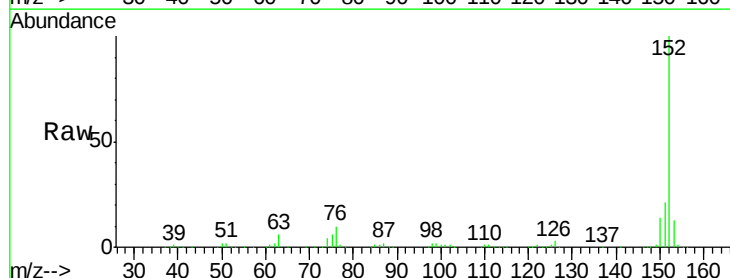
Instrument :
BNA_F
ClientSampled :

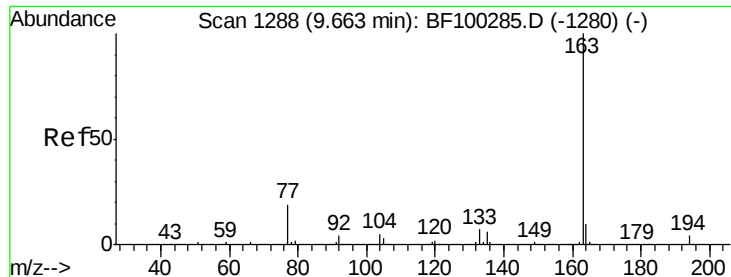
Tot Ion: 65 Resp: 125054
Ion Ratio Lower Upper
65 100
92 70.6 55.8 83.6
138 119.2 91.2 136.8



#48
Acenaphthylene
Concen: 41.66 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion: 152 Resp: 663228
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.7 16.1

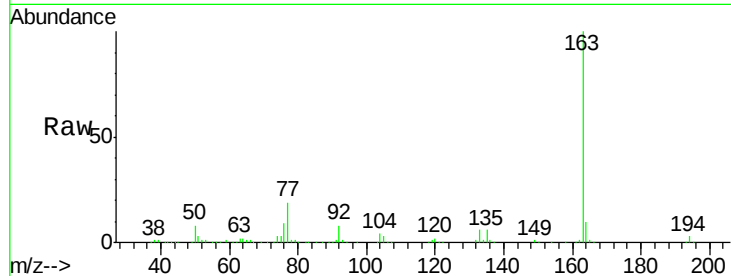




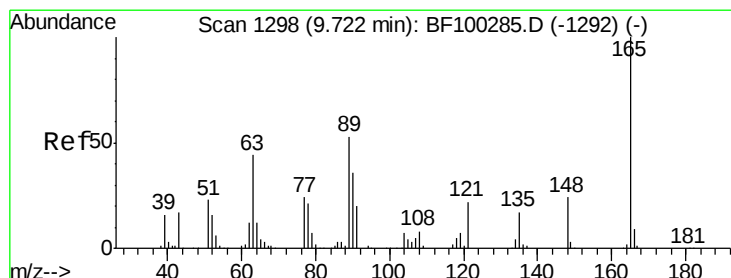
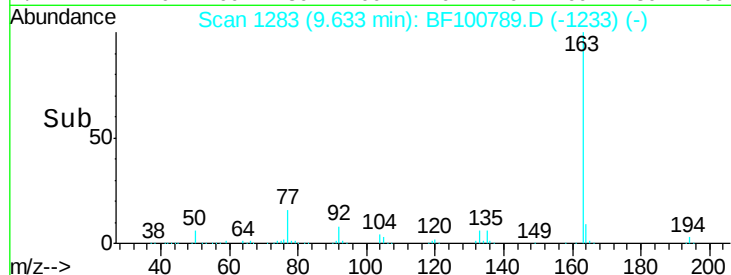
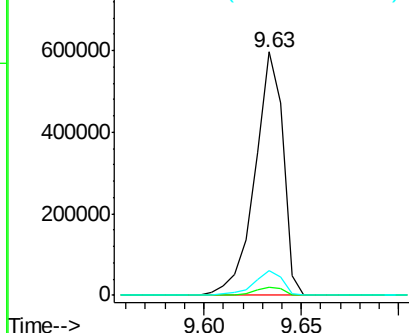
#49
Dimethylphthalate
Concen: 50.81 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

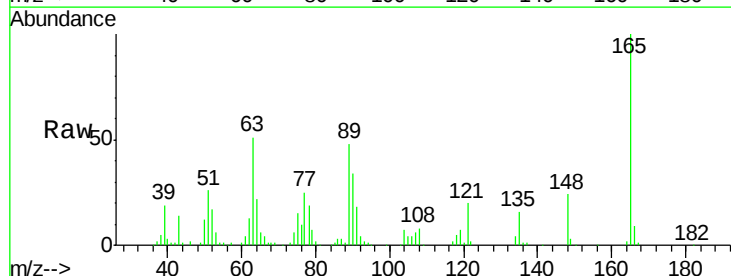


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

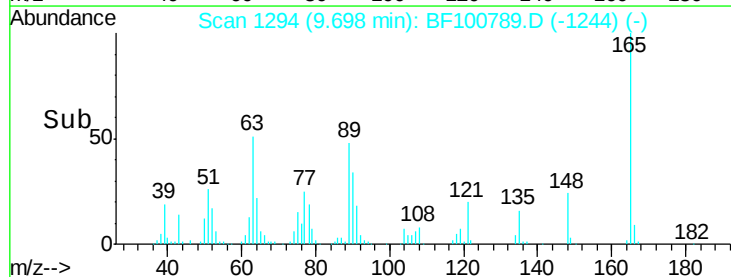
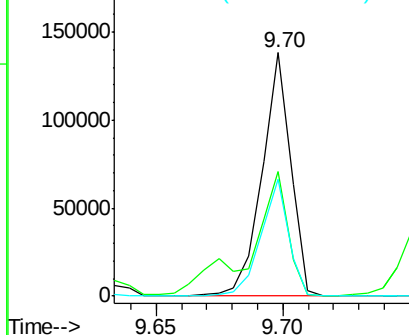


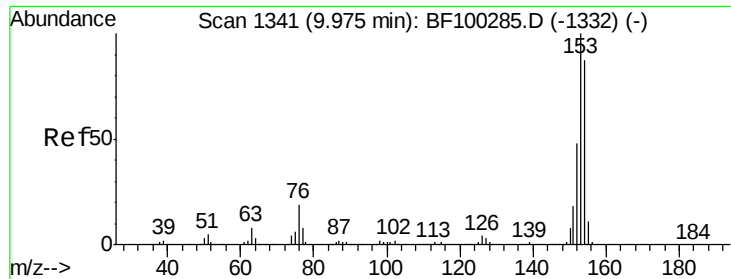
#50
2,6-Dinitrotoluene
Concen: 47.56 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	44.7	67.1
89	48.3	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: 40.90 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

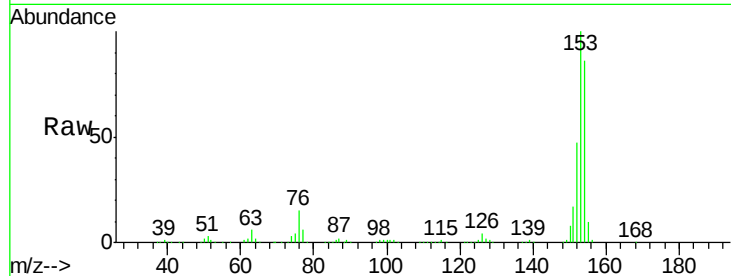
Tot Ion:154 Resp: 396020

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

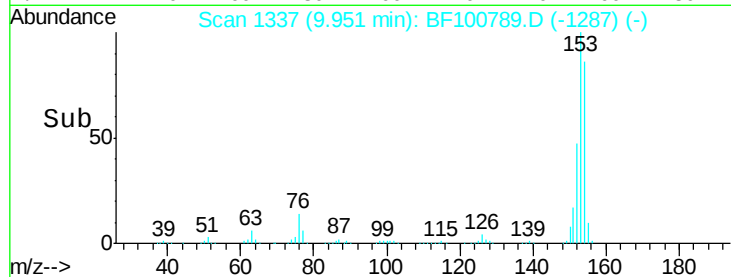
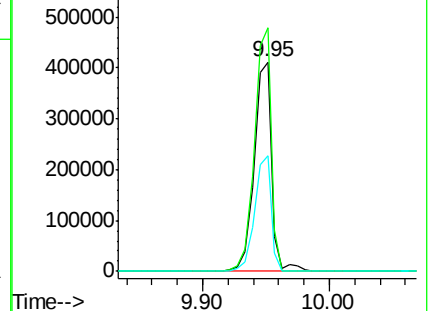
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.82 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

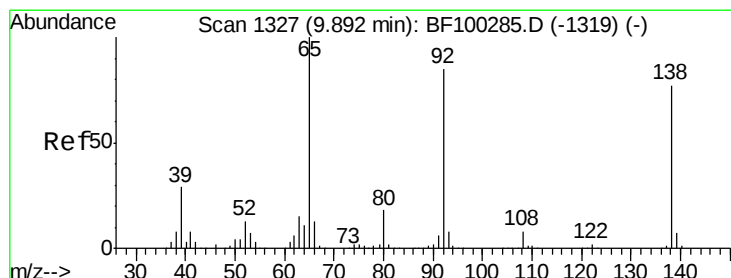
Tgt Ion:138 Resp: 51432

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

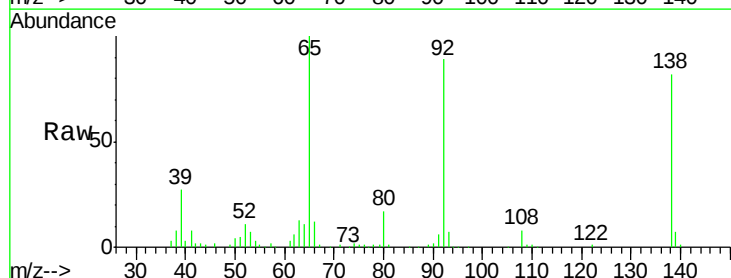
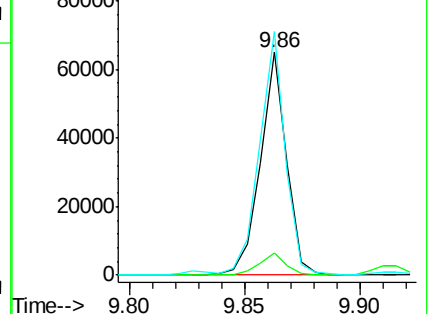
92 109.3 89.4 134.2

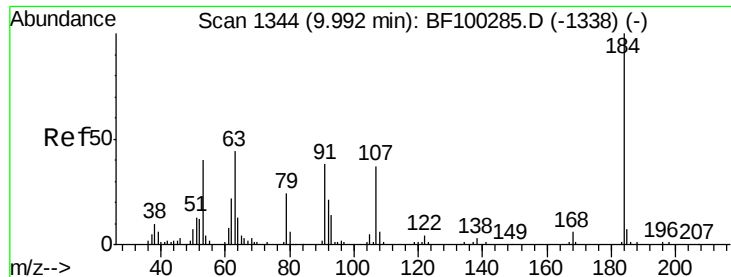


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

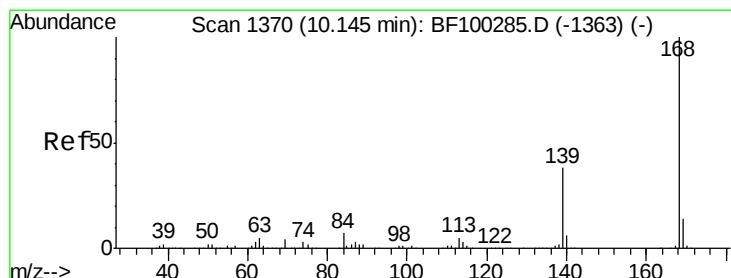
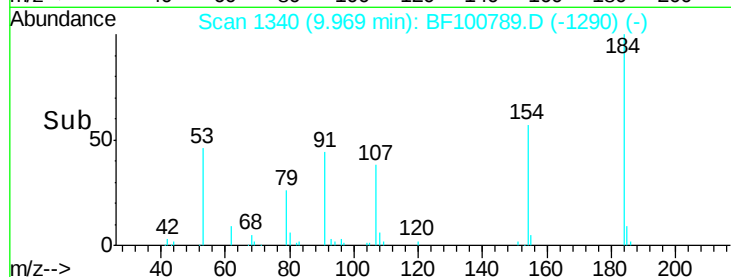
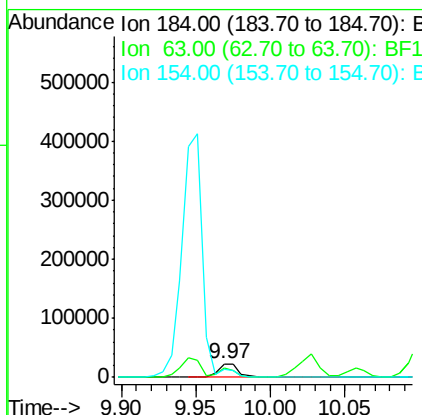
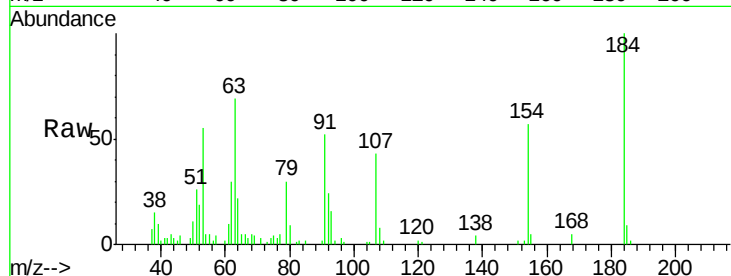




#53
2,4-Dinitrophenol
Concen: 34.22 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

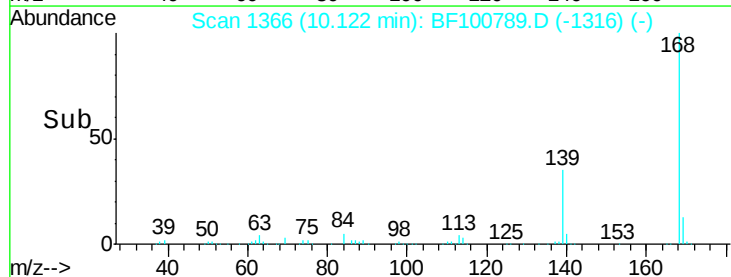
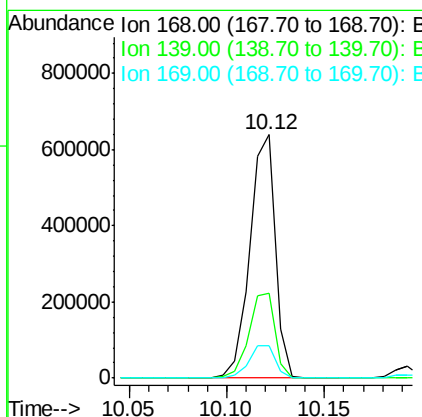
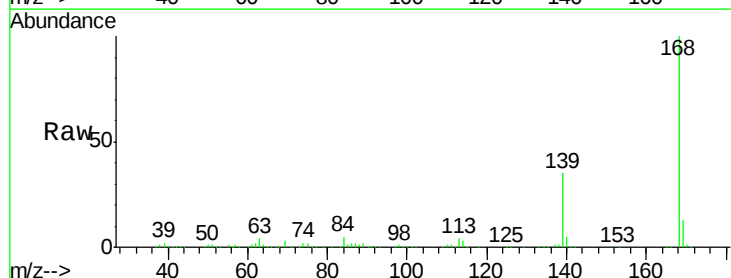
Instrument :
BNA_F
ClientSampled :

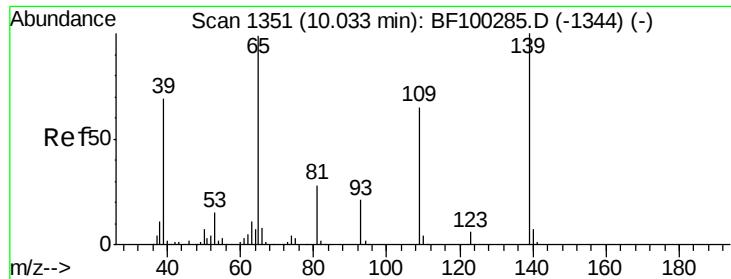
Tot Ion:184 Resp: 23010
Ion Ratio Lower Upper
184 100
63 69.3 54.2 81.2
154 56.8 184.0 276.0#



#54
Dibenzofuran
Concen: 42.58 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:168 Resp: 577774
Ion Ratio Lower Upper
168 100
139 35.1 30.1 45.1
169 13.3 10.9 16.3

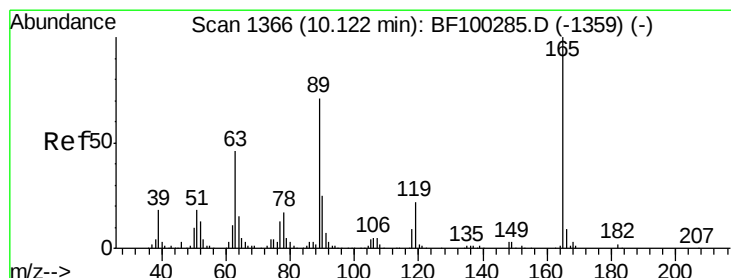
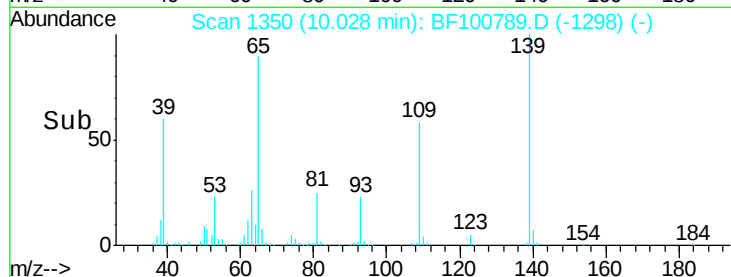
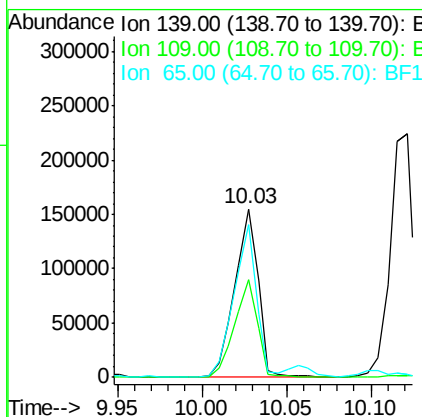
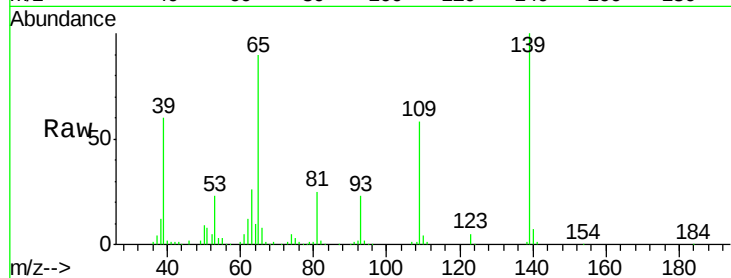




#55
4-Nitrophenol
Concen: 67.92 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

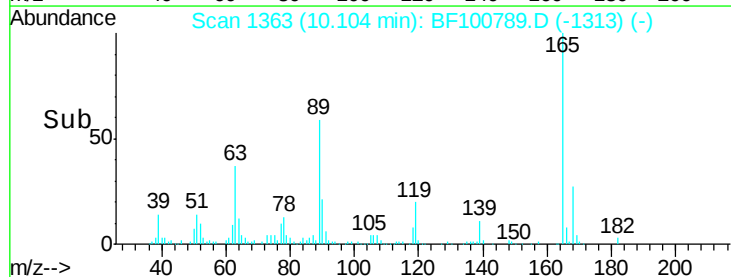
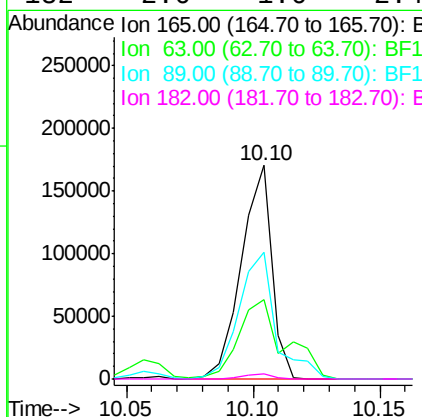
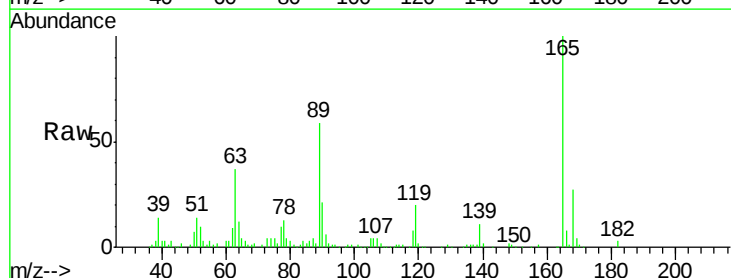
Instrument :
BNA_F
ClientSampled :

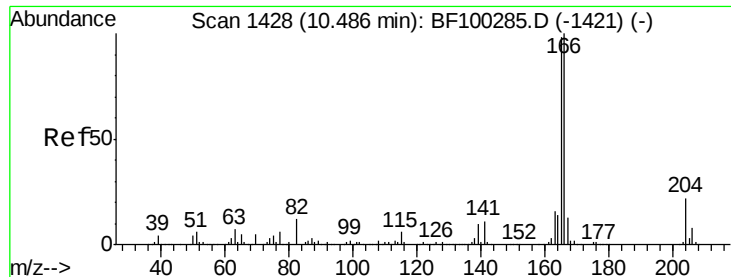
Tot Ion:139 Resp: 150682
Ion Ratio Lower Upper
139 100
109 57.9 48.4 88.4
65 90.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.05 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:165 Resp: 143179
Ion Ratio Lower Upper
165 100
63 37.1 36.4 54.6
89 59.2 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 44.20 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

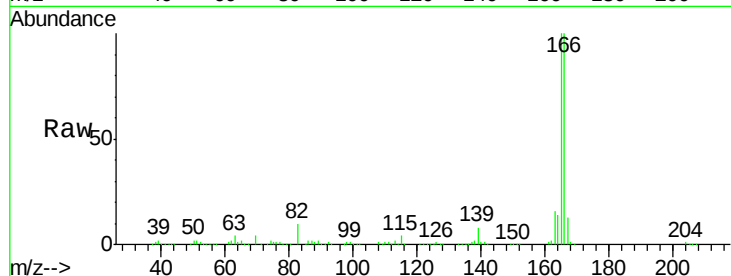
Tot Ion:166 Resp: 439419

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

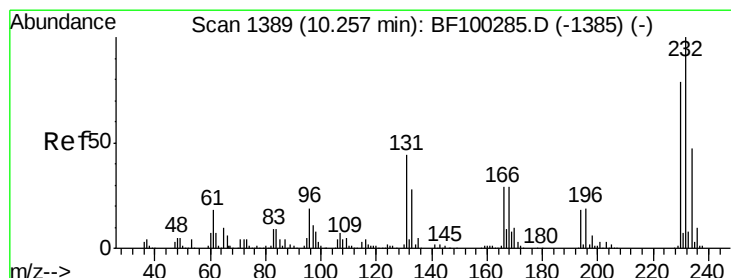
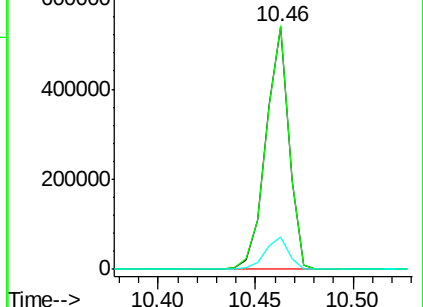
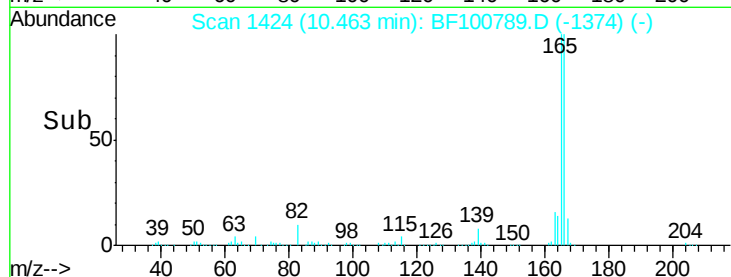
167 13.1 10.6 16.0



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: 43.07 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Tgt Ion:232 Resp: 117696

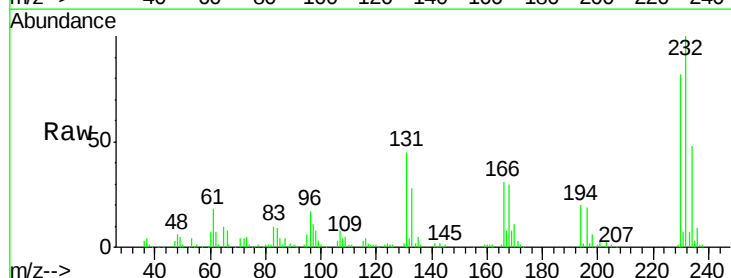
Ion Ratio Lower Upper

232 100

131 41.1 43.8 65.8#

130 1.8 2.1 3.1#

166 29.0 27.8 41.6

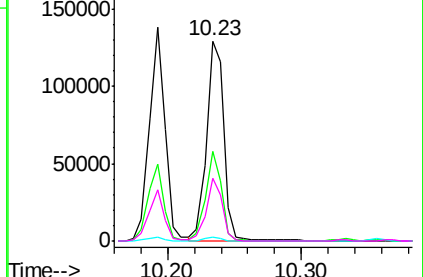
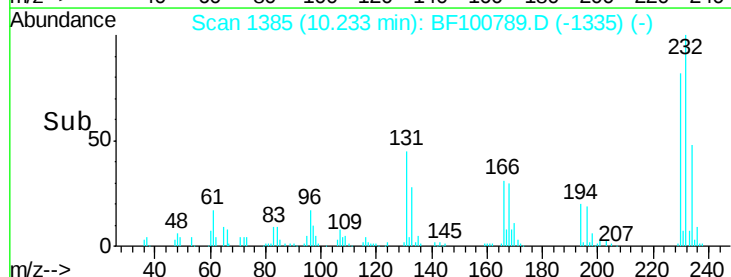


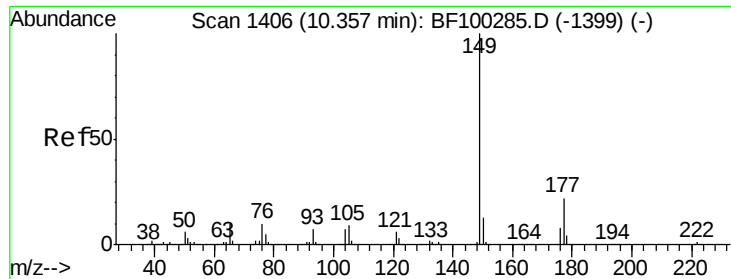
Abundance Ion 232.00 (231.70 to 232.70): E

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

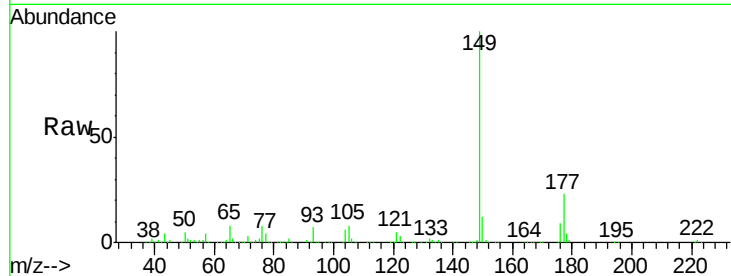




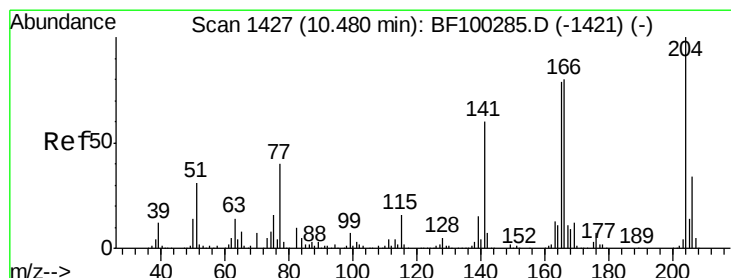
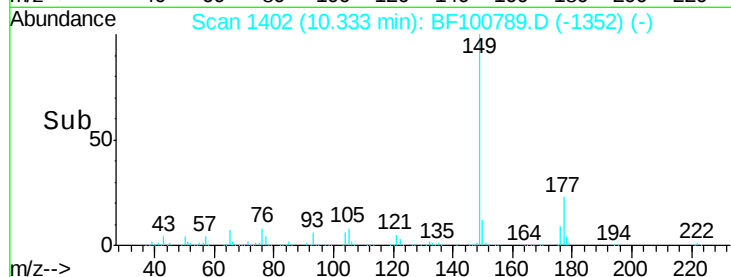
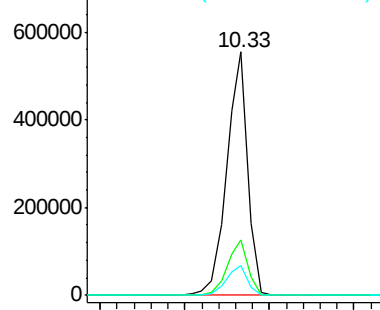
#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 480150
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.2 10.1 15.1

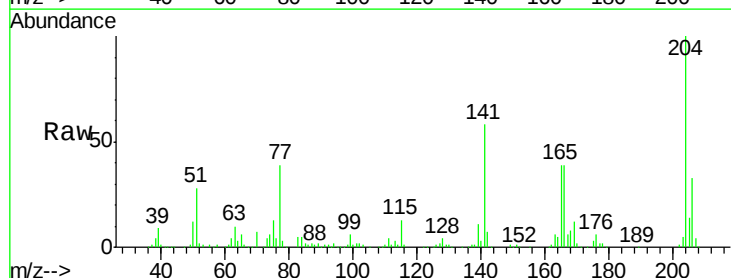


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

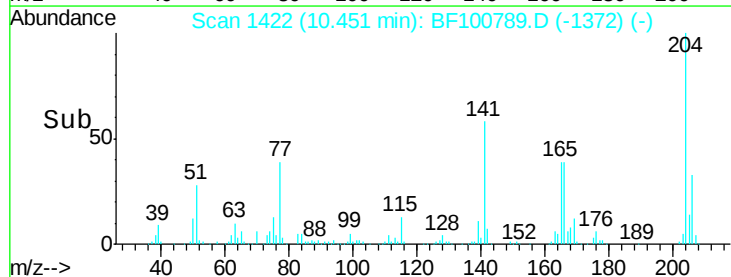
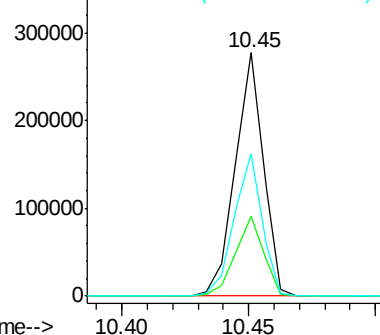


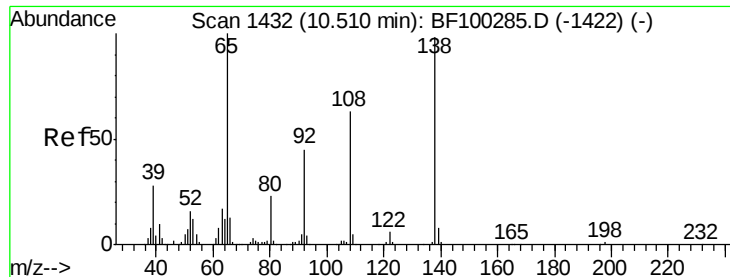
#60
4-Chlorophenyl-phenylether
Concen: 44.28 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:204 Resp: 215936
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 58.5 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

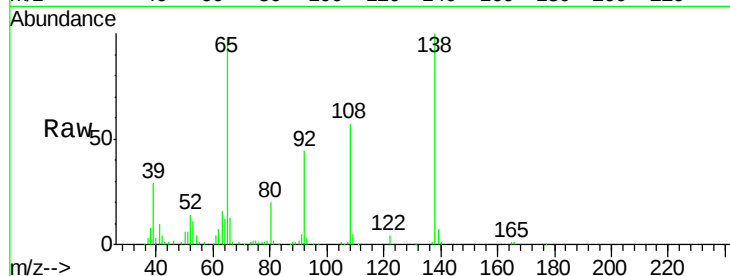




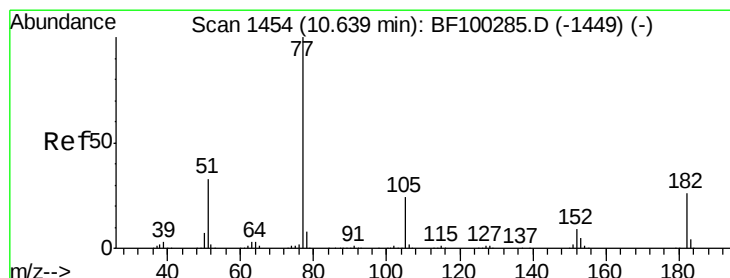
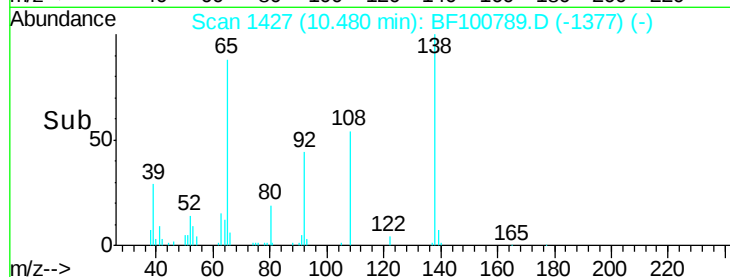
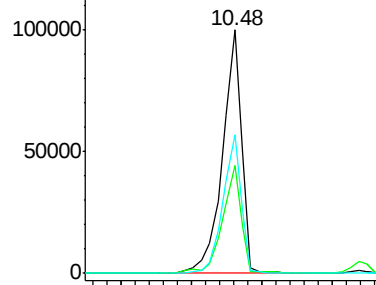
#61
4-Nitroaniline
Concen: 36.55 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 94689
Ion Ratio Lower Upper
138 100
92 44.3 30.2 70.2
108 57.2 52.5 92.5

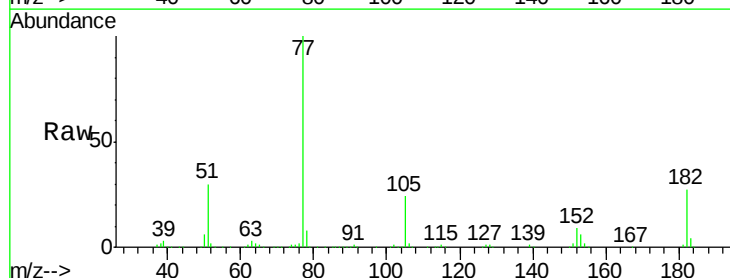


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

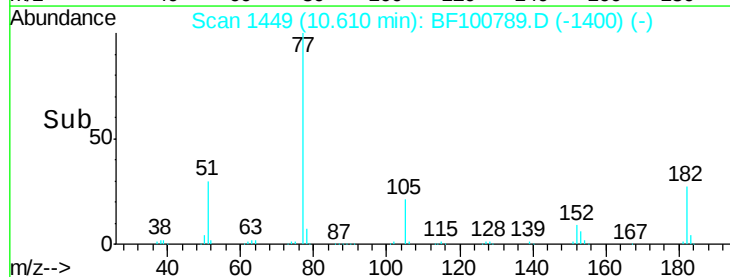
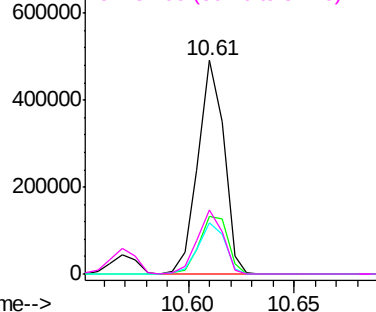


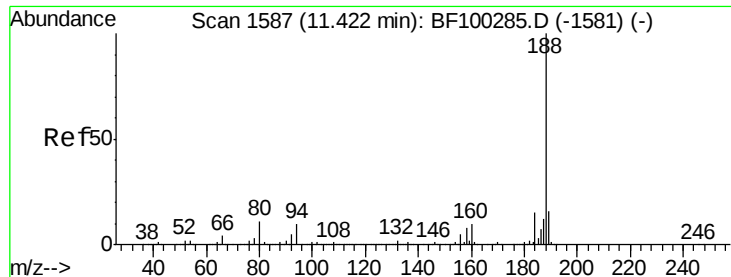
#62
Azobenzene
Concen: 37.87 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion: 77 Resp: 417267
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 23.9 3.0 43.0
51 30.2 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

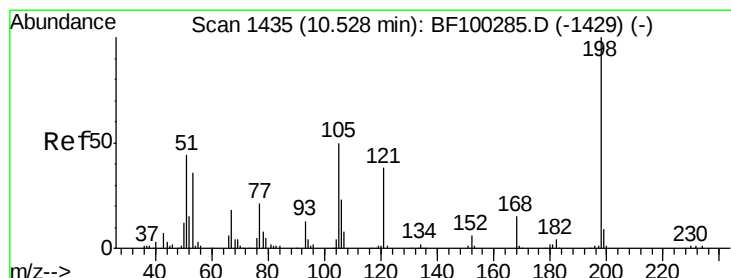
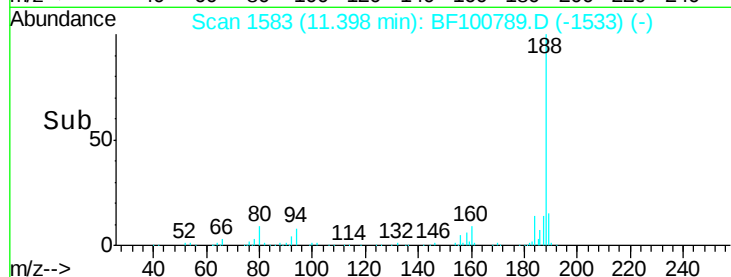
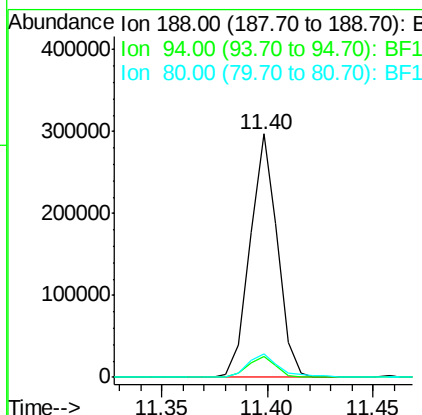
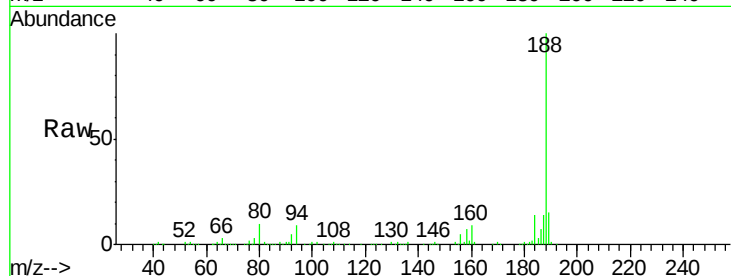




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

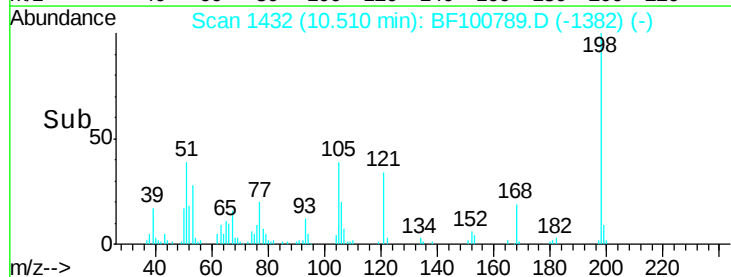
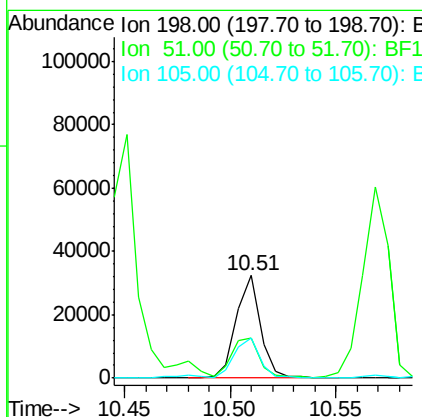
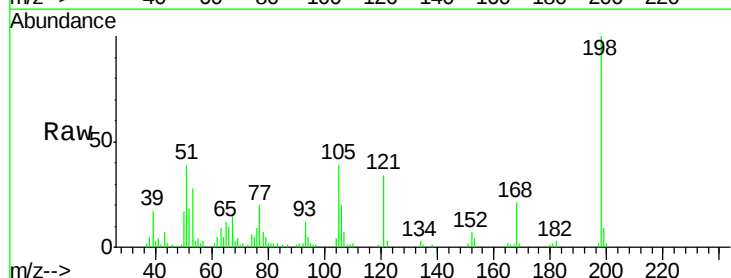
Instrument :
BNA_F
ClientSampleId :

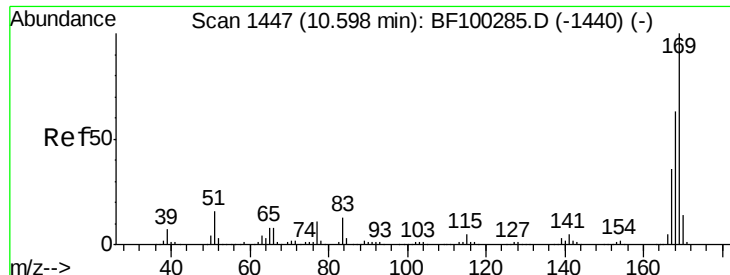
Tot Ion:188 Resp: 266464
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.27 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:198 Resp: 25713
Ion Ratio Lower Upper
198 100
51 38.7 37.7 77.7
105 38.7 36.3 76.3

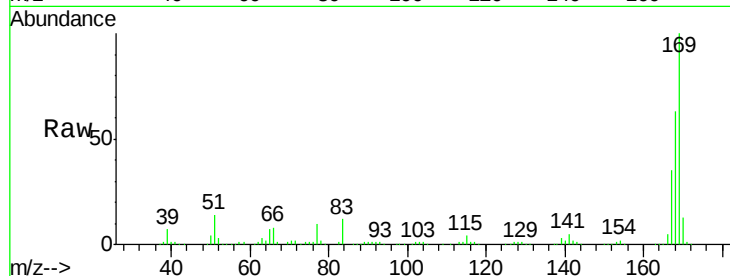




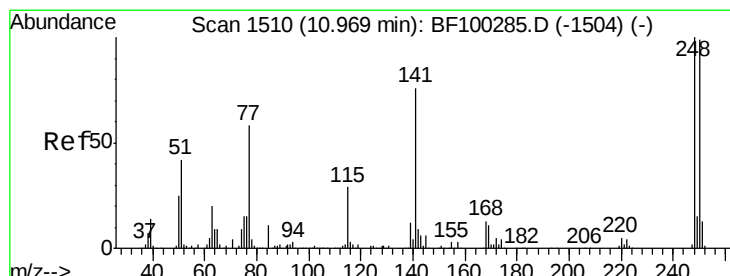
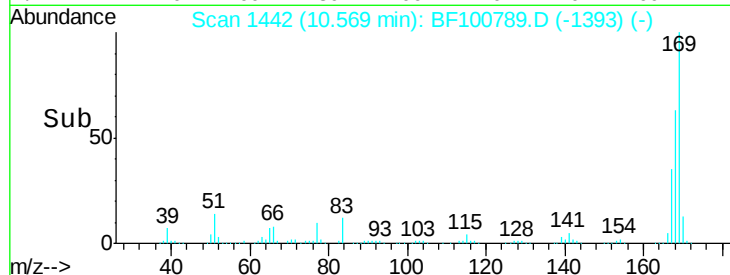
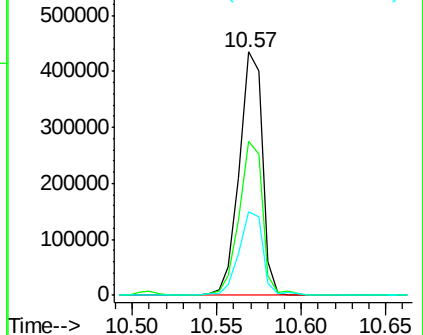
#65
 n-Nitrosodiphenylamine
 Concen: 44.72 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 414353
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 34.6 29.8 44.6

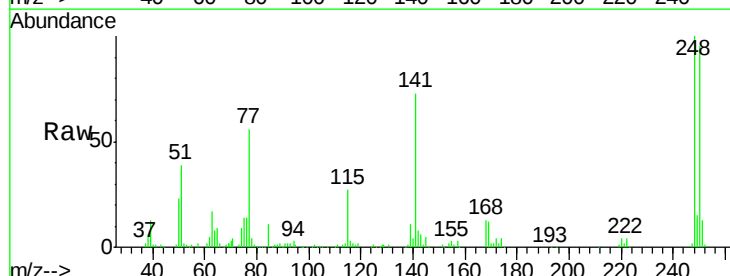


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

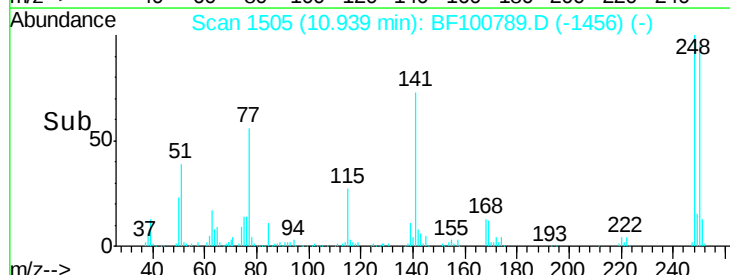
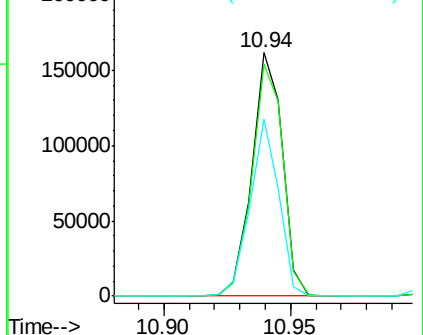


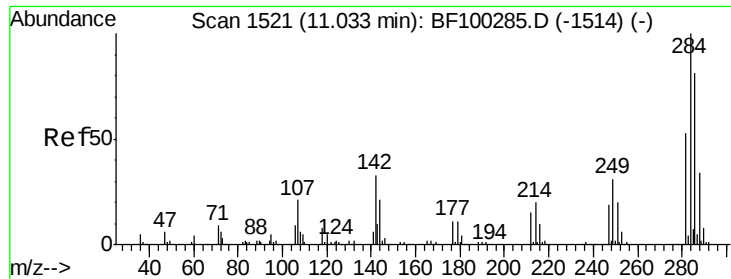
#66
 4-Bromophenyl-phenylether
 Concen: 47.40 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:248 Resp: 135388
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.9 115.3
 141 72.6 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

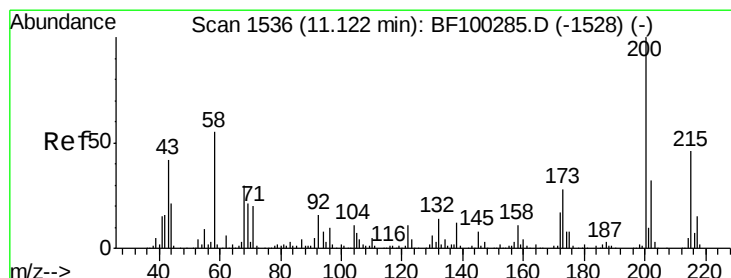
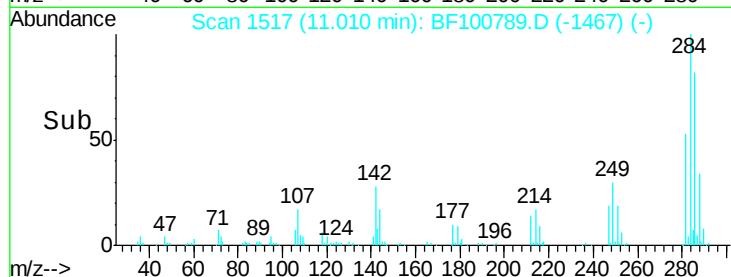
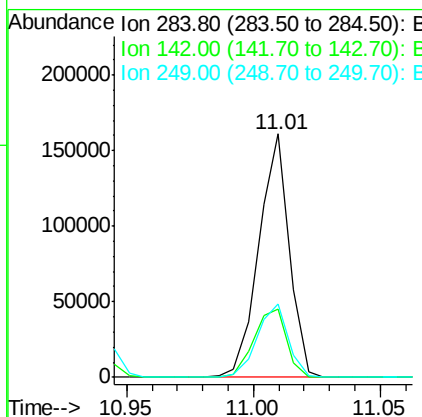
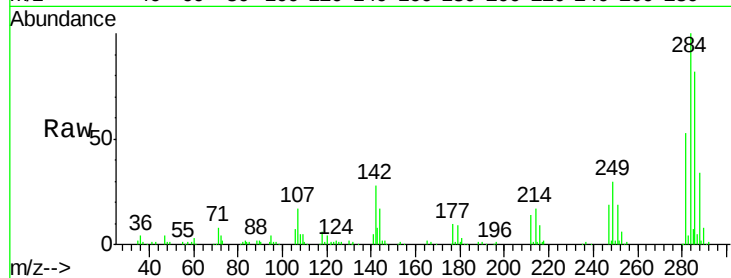




#67
Hexachlorobenzene
Concen: 44.86 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

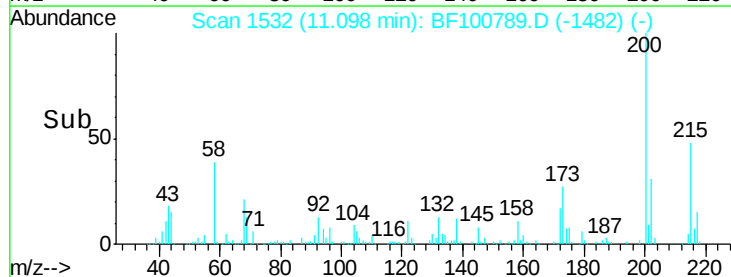
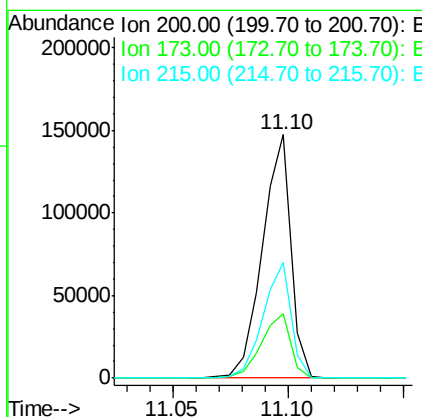
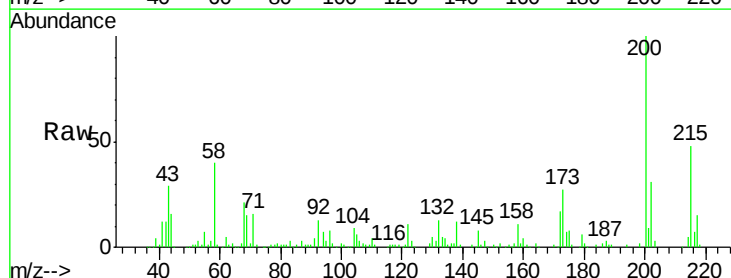
Instrument :
BNA_F
ClientSampleId :

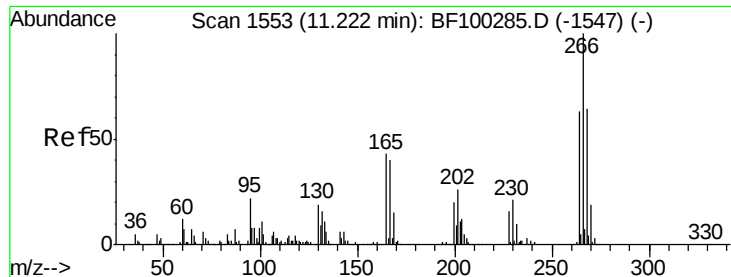
Tot Ion:284 Resp: 134011
Ion Ratio Lower Upper
284 100
142 28.2 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 45.20 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:200 Resp: 126779
Ion Ratio Lower Upper
200 100
173 26.7 8.6 48.6
215 47.7 25.1 65.1

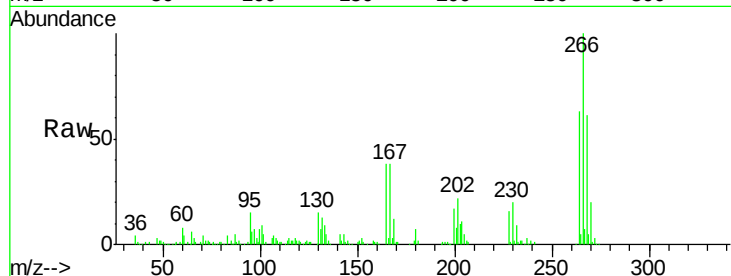




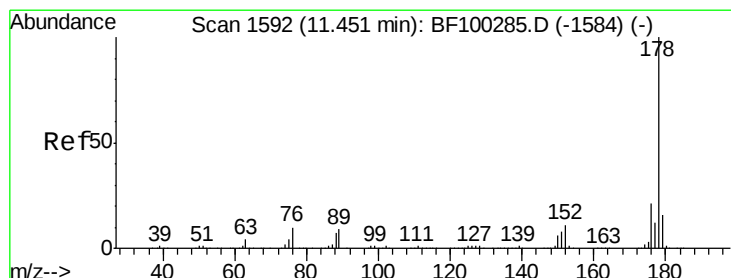
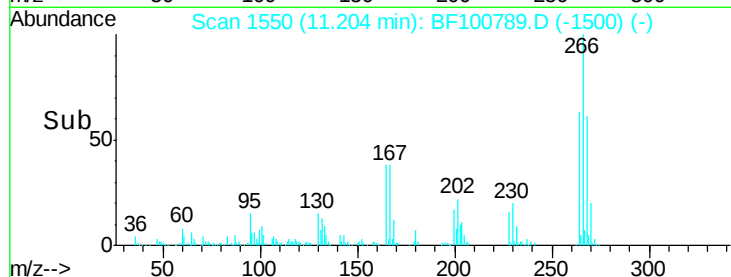
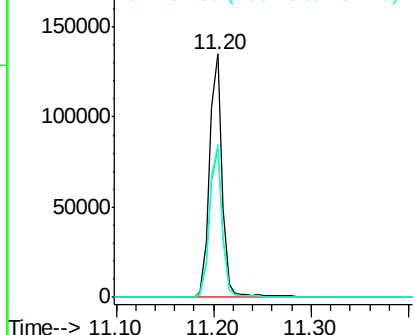
#69
 Pentachlorophenol
 Concen: 57.22 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	62.7	49.5	74.3

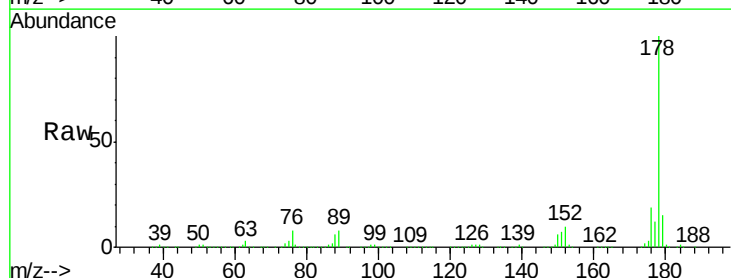


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

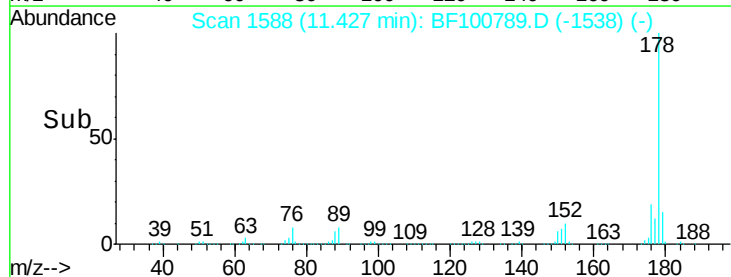
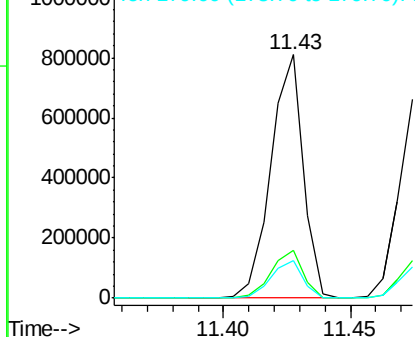


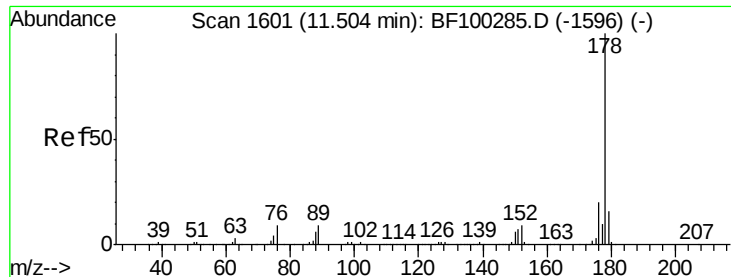
#70
 Phenanthrene
 Concen: 51.61 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6



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

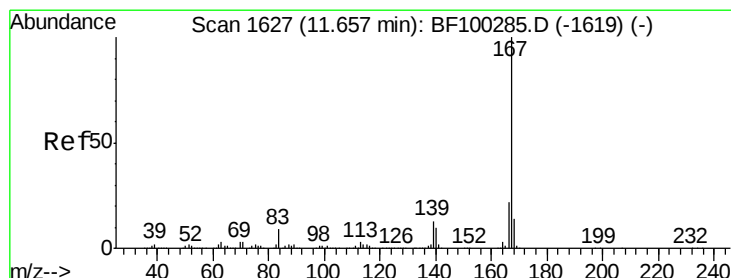
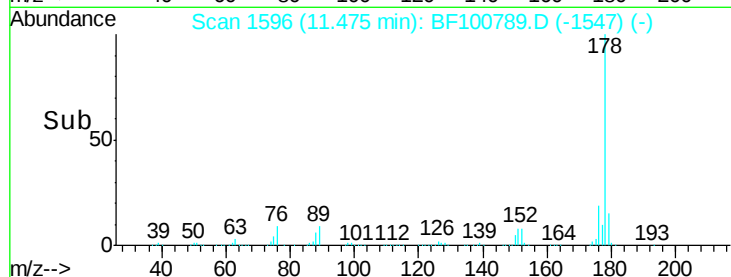
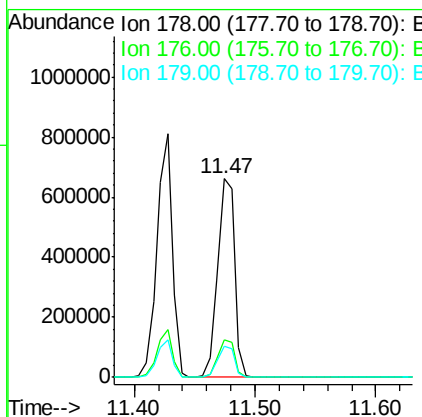
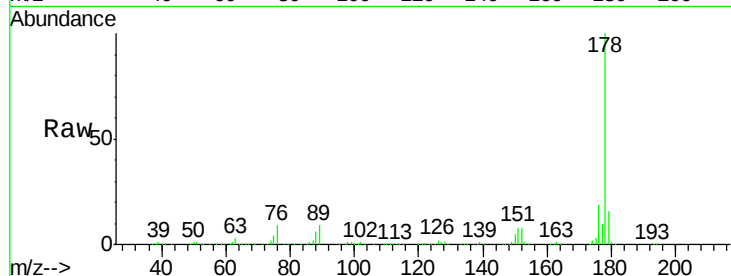




#71
 Anthracene
 Concen: 44.60 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

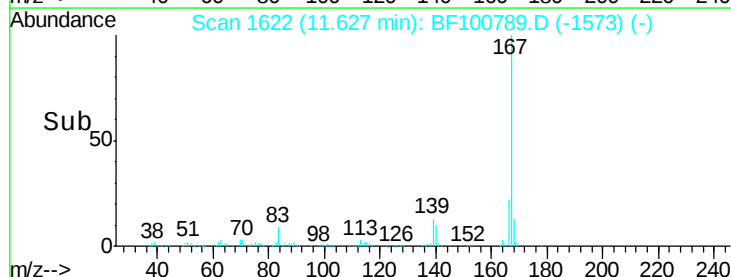
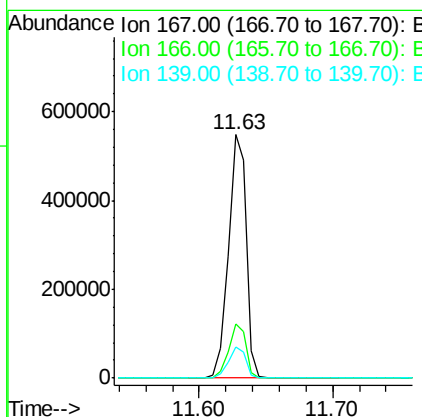
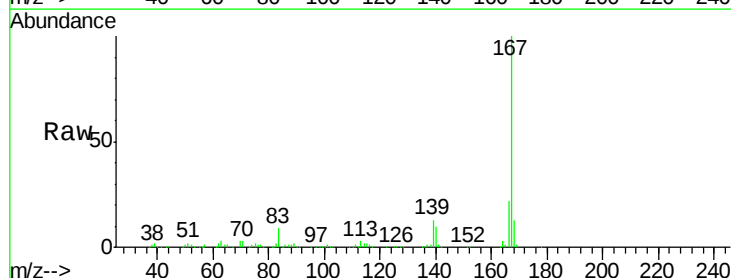
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 634778
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.31 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:167 Resp: 516314
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.25 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampled :

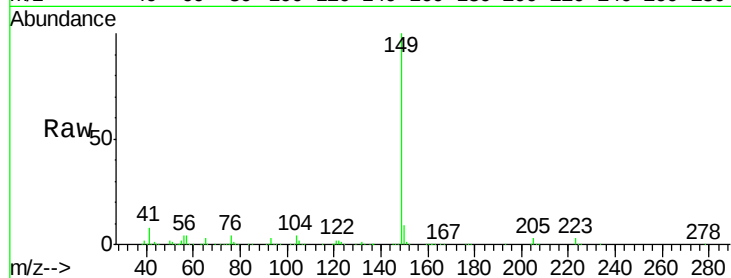
Tot Ion:149 Resp: 695488

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

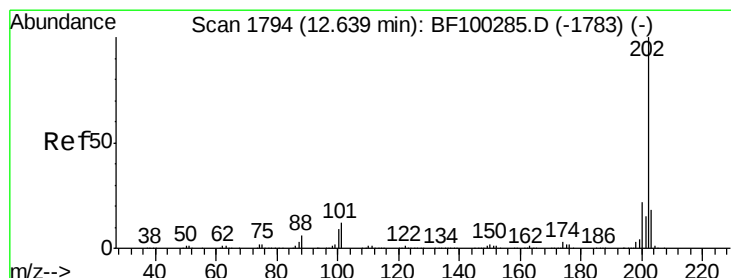
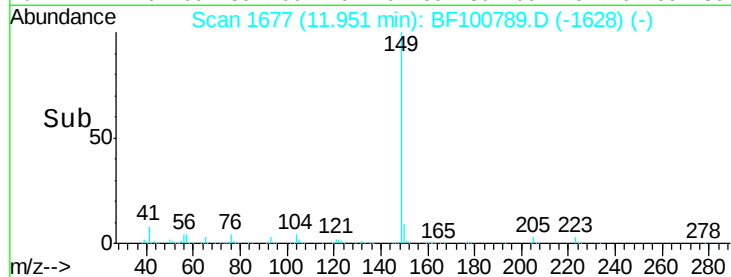
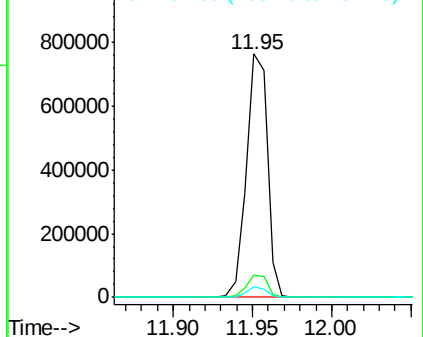
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.99 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

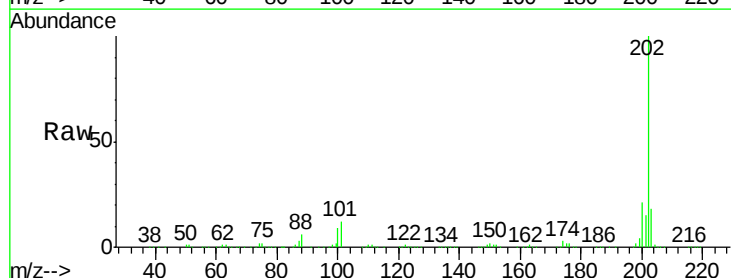
Tgt Ion:202 Resp: 713508

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

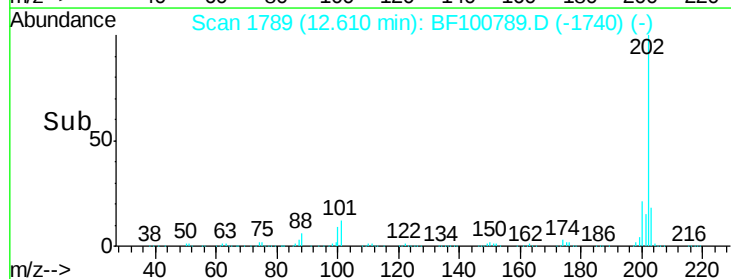
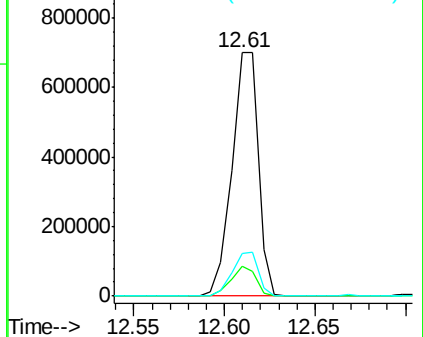
203 17.6 0.0 38.1

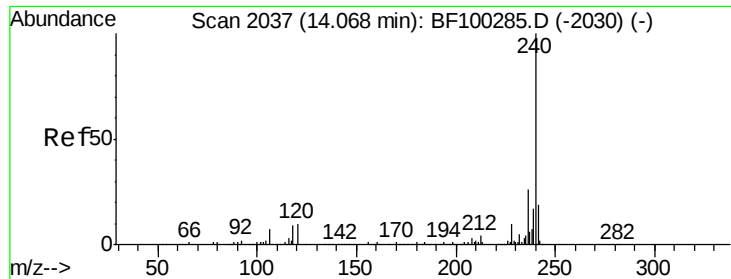


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

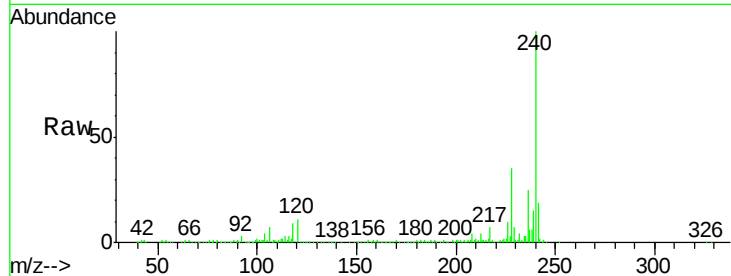
Tot Ion:240 Resp: 163912

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

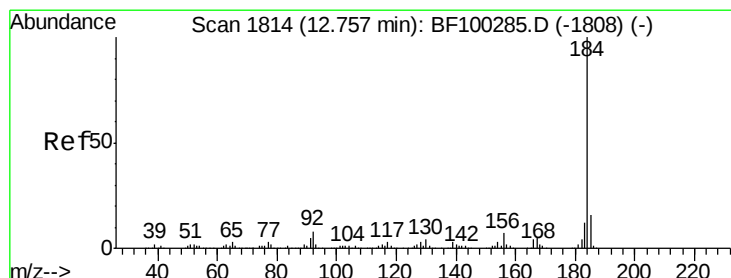
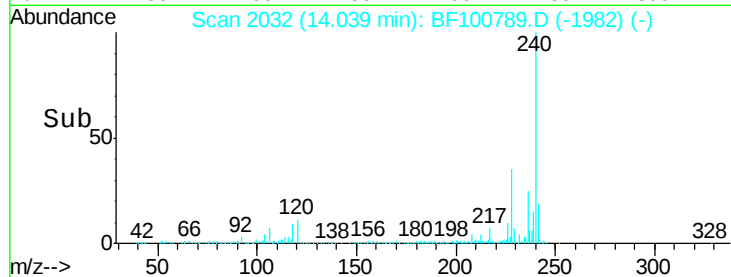
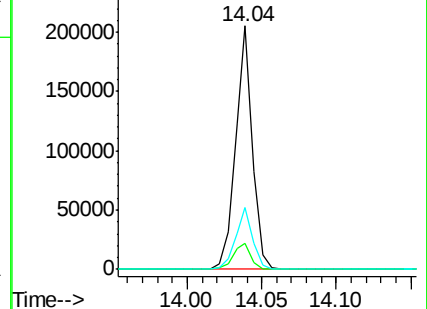
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.40 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

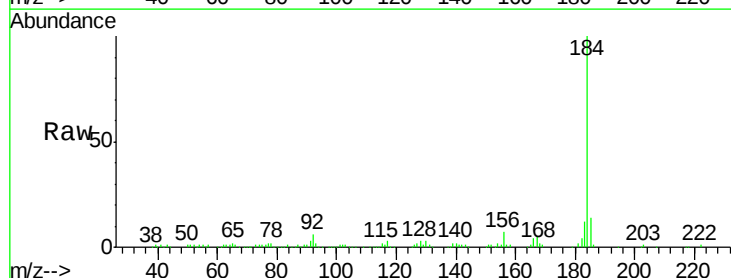
Tgt Ion:184 Resp: 199574

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

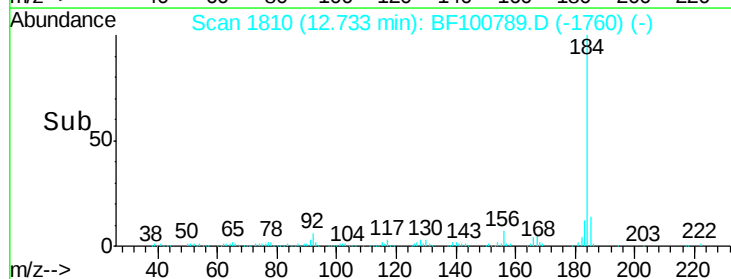
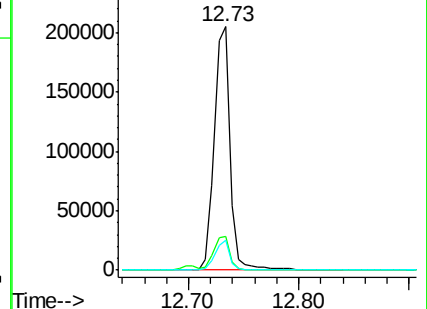
183 12.3 9.3 13.9

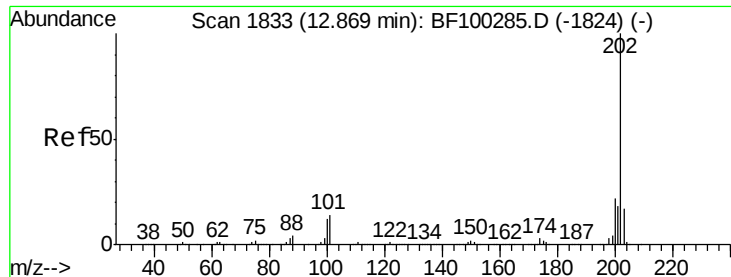


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.20 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

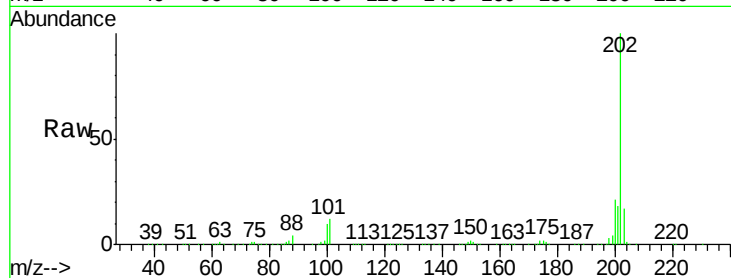
Tot Ion:202 Resp: 679971

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

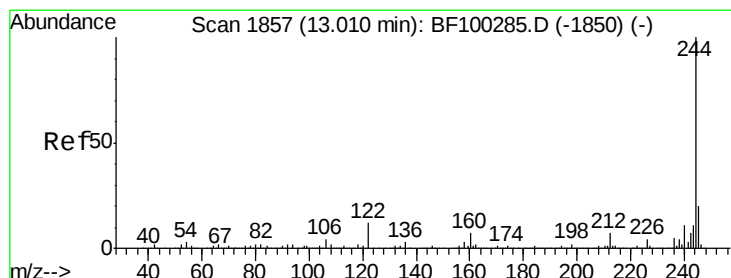
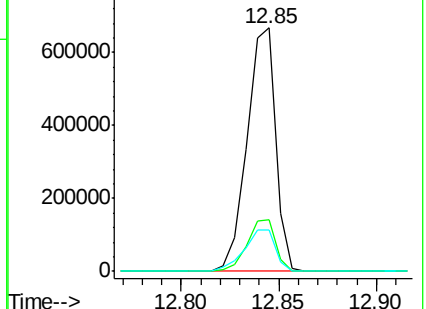
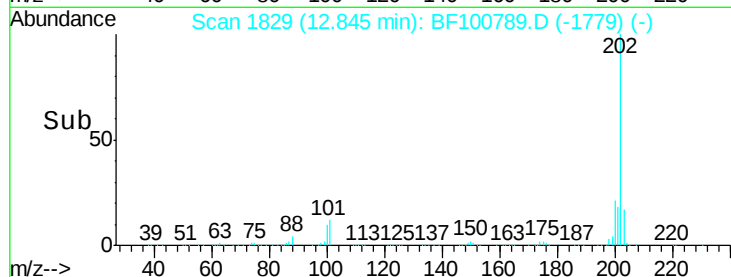
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.62 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

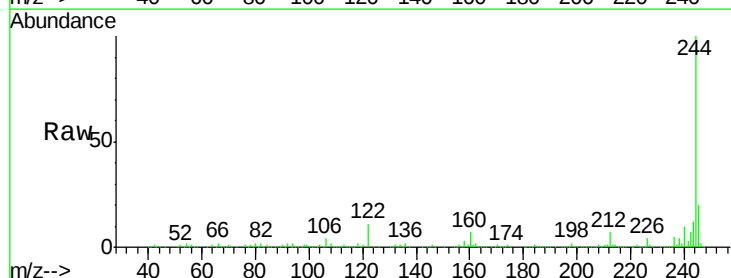
Tgt Ion:244 Resp: 732080

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

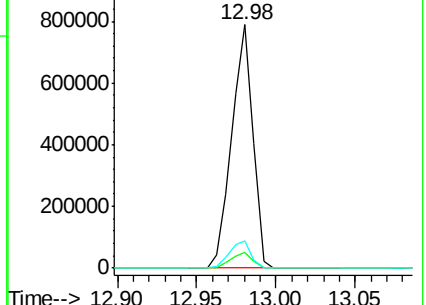
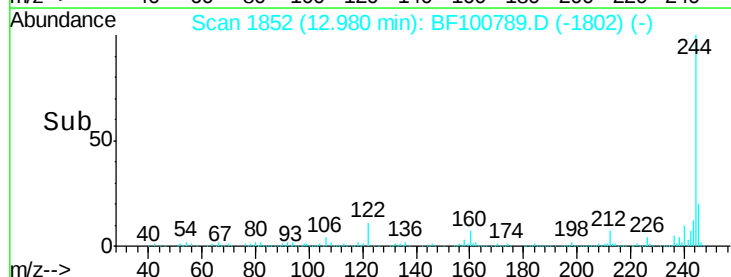
122 11.4 11.0 16.4

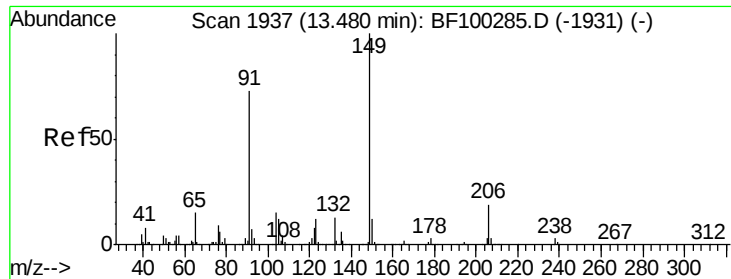


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

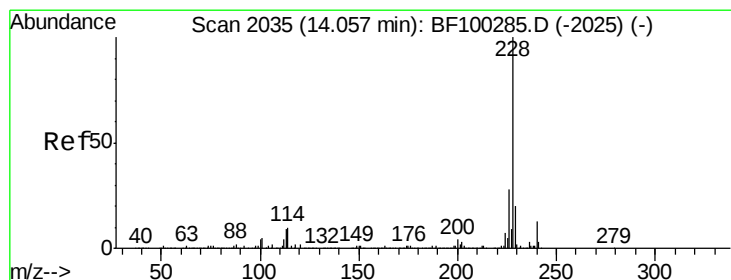
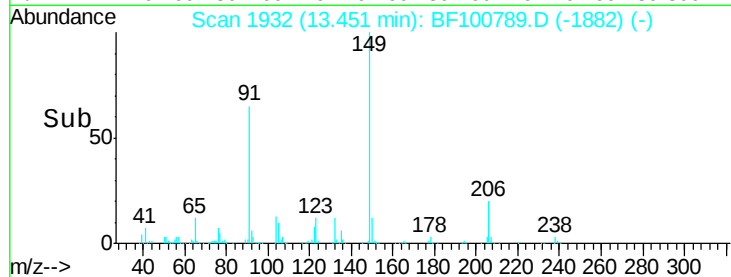
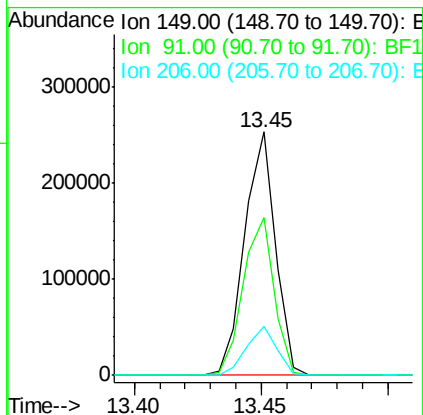
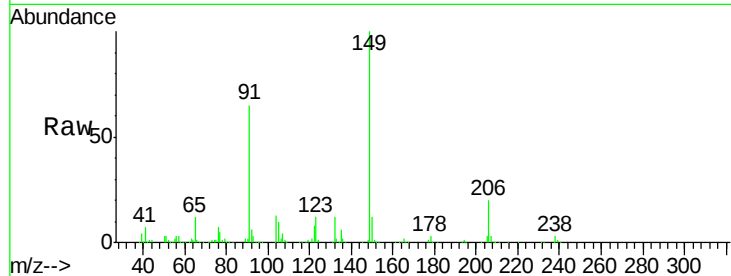




#79
Butylbenzylphthalate
Concen: 44.79 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

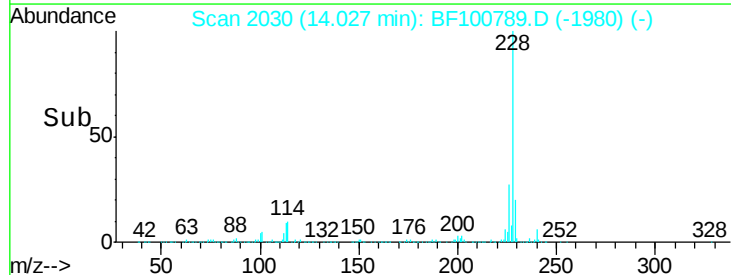
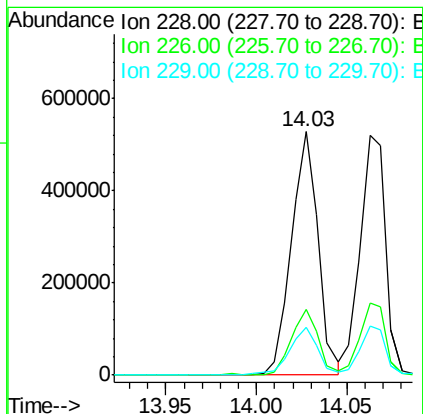
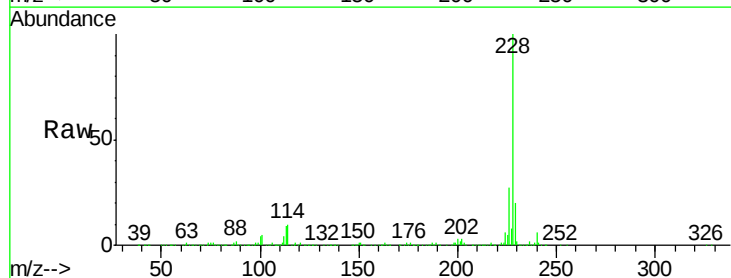
Instrument :
BNA_F
ClientSampleId :

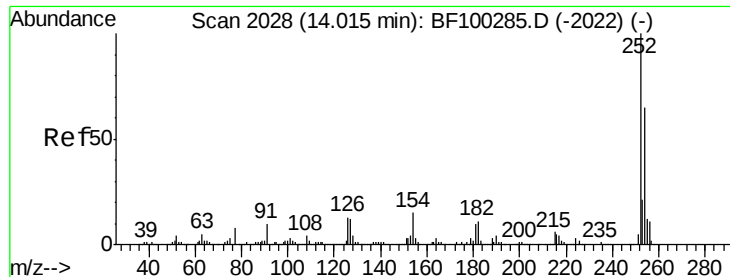
Tot Ion:149 Resp: 213437
Ion Ratio Lower Upper
149 100
91 64.6 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 55.39 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:228 Resp: 546691
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.8 15.8 23.6

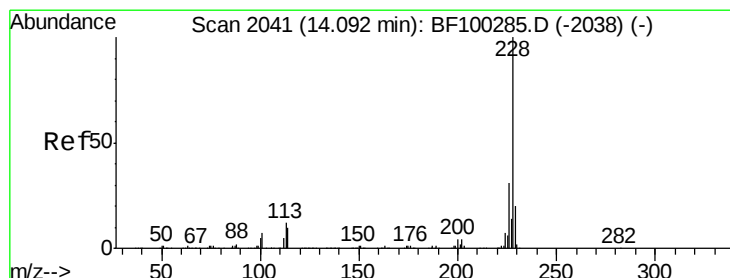
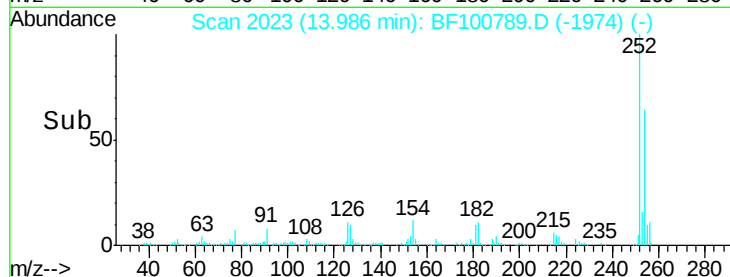
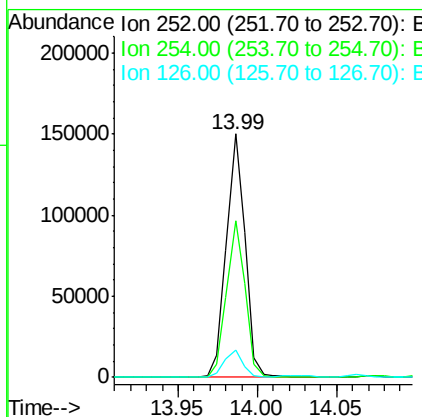
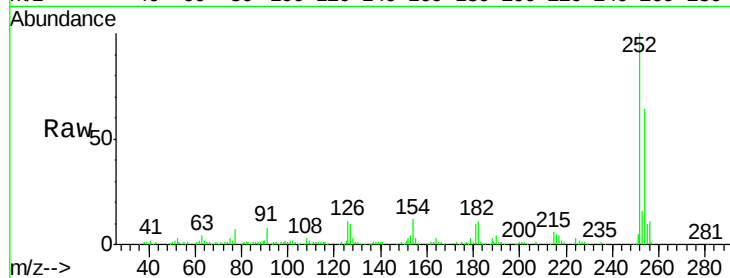




#81
 3,3'-Dichlorobenzidine
 Concen: 34.81 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

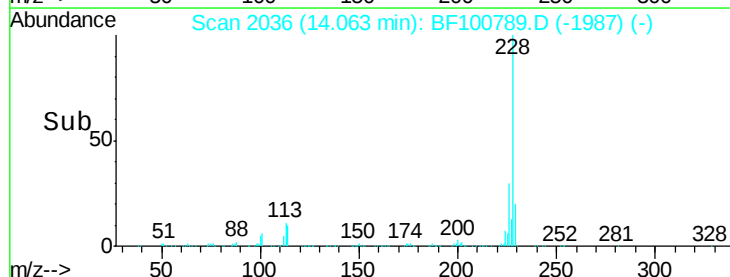
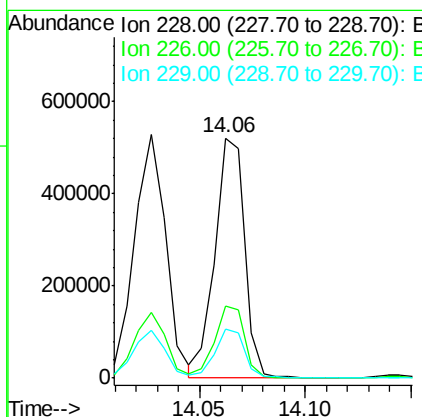
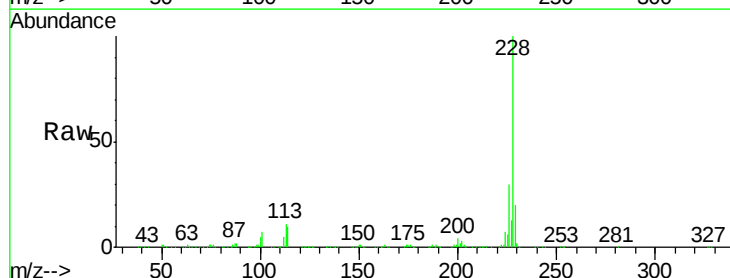
Instrument :
 BNA_F
 ClientSampleId :

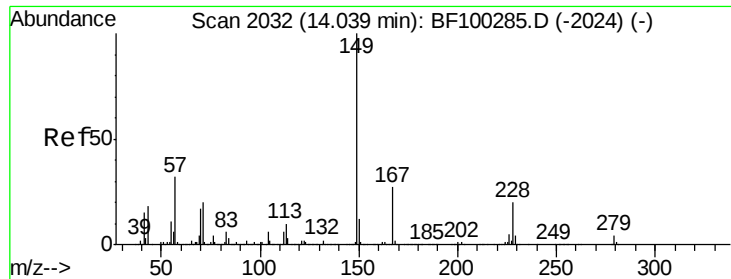
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	11.2	11.3	16.9#



#82
 Chrysene
 Concen: 53.25 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.5	16.2	24.4

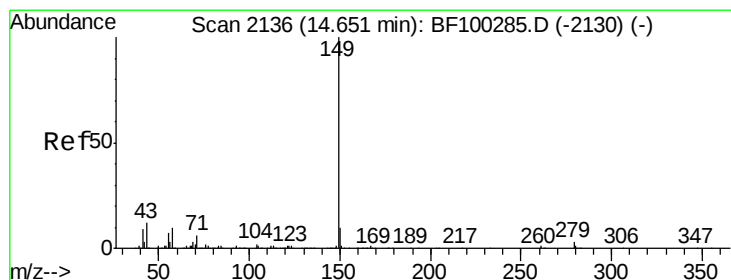
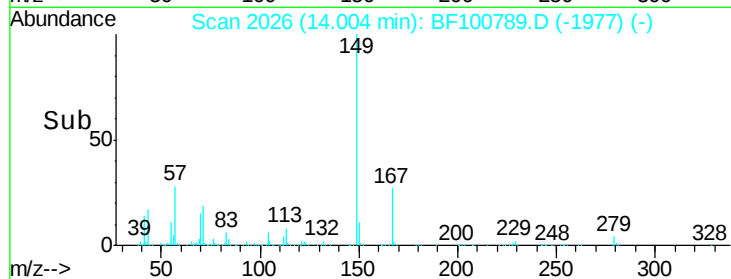
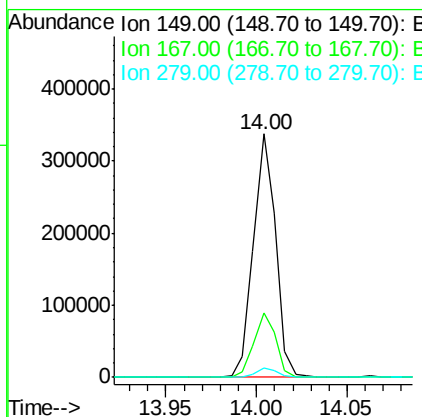
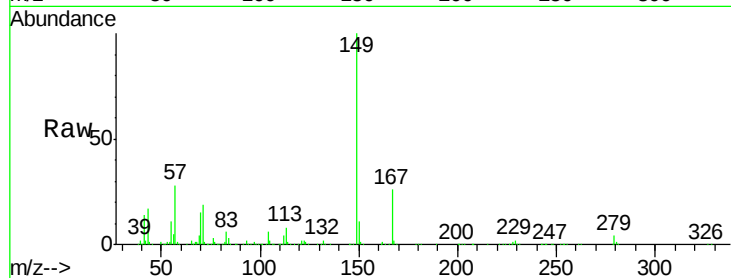




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.01 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

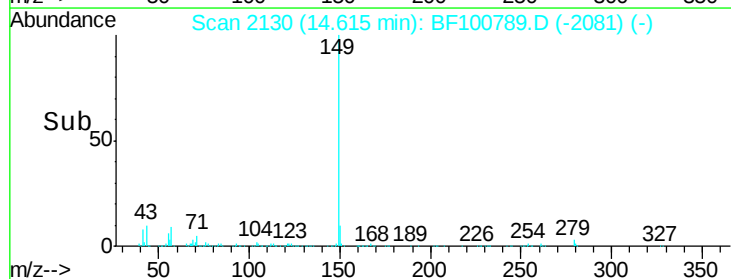
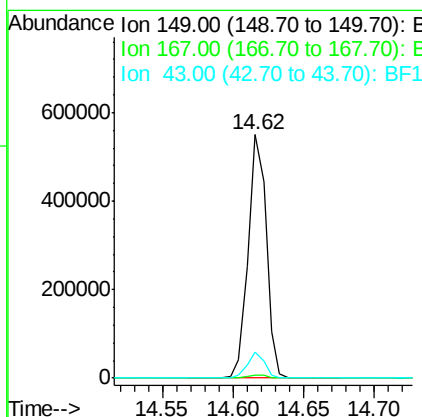
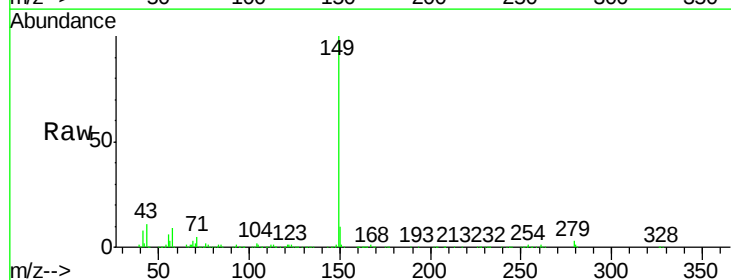
Instrument :
 BNA_F
 ClientSampleId :

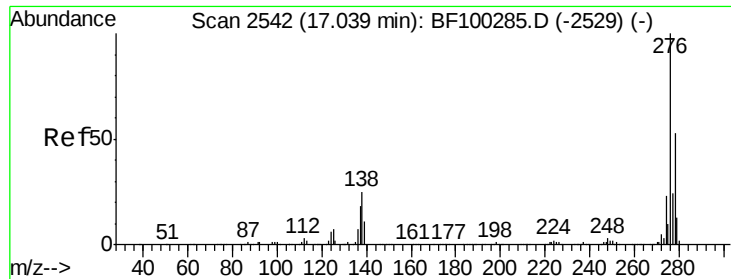
Tot Ion:149 Resp: 288340
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.37 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100789.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:149 Resp: 499276
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.4 12.6

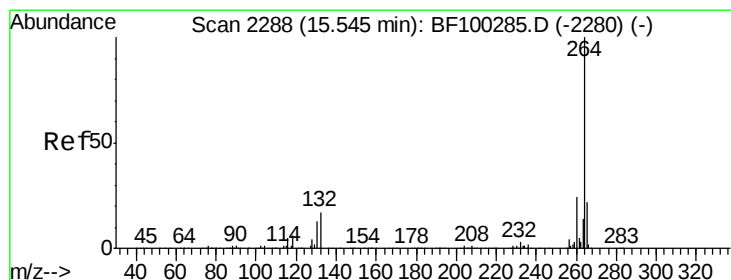
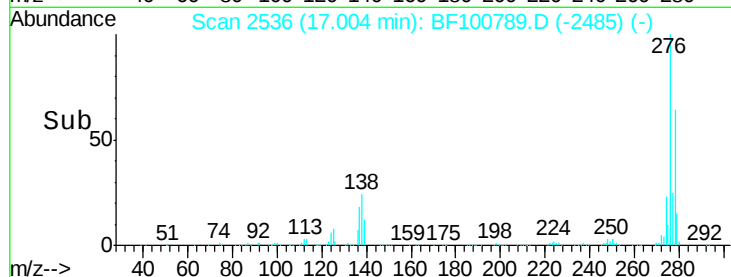
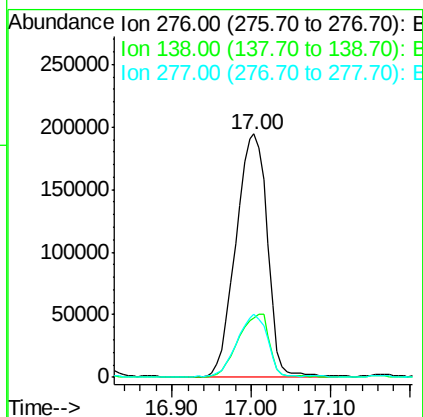
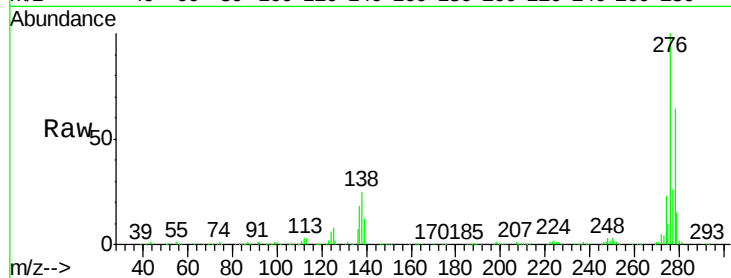




#85
Indeno(1,2,3-cd)pyrene
Concen: 69.63 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

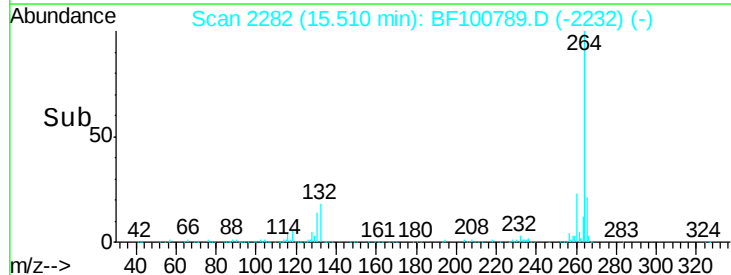
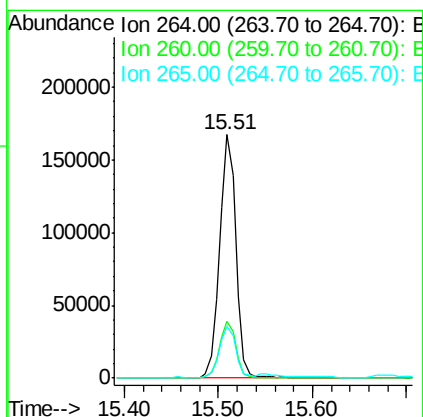
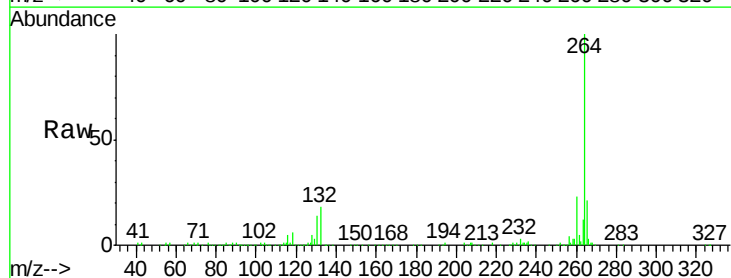
Instrument :
BNA_F
ClientSampled :

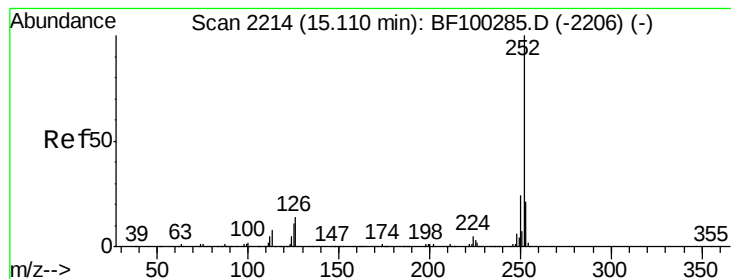
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	24.9	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 52.72 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

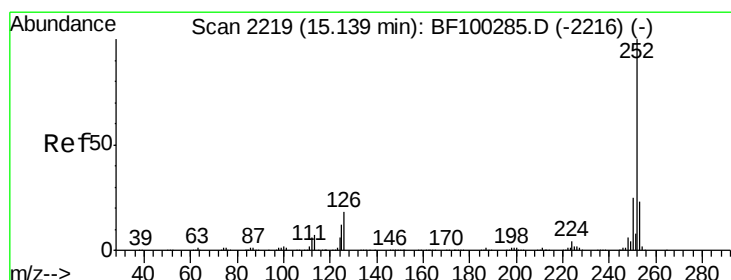
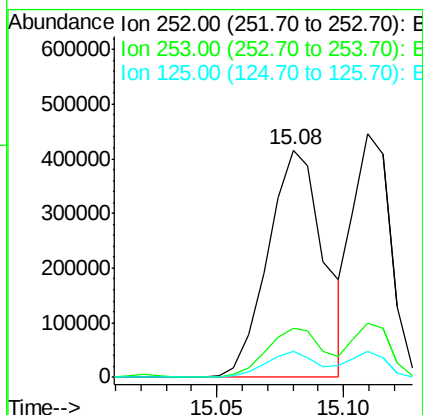
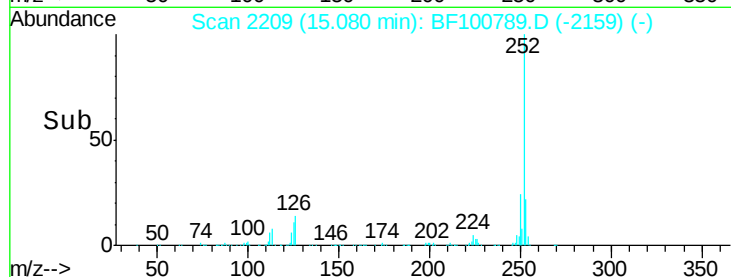
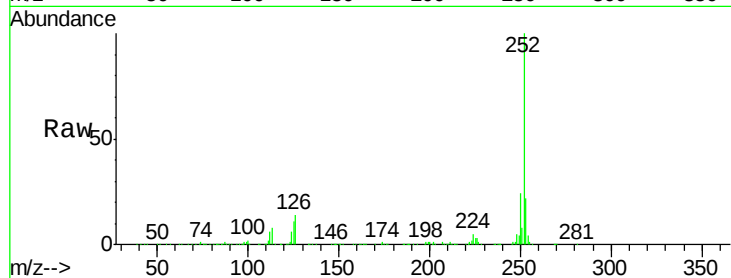
Tot Ion:252 Resp: 638322

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.2 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 40.53 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

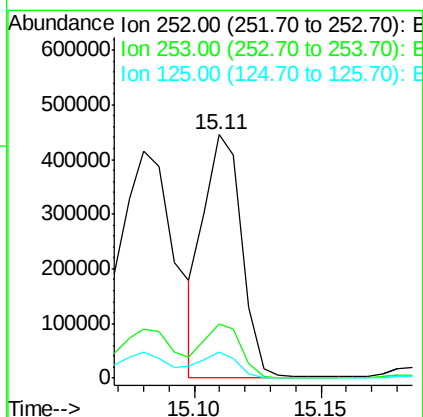
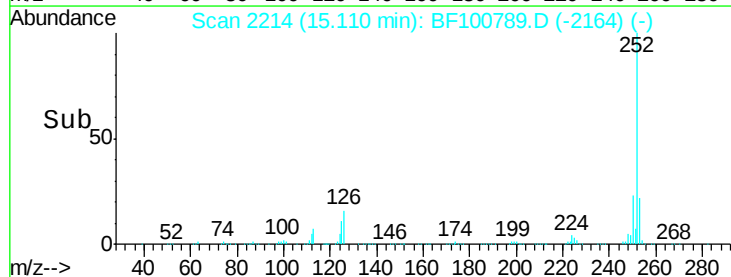
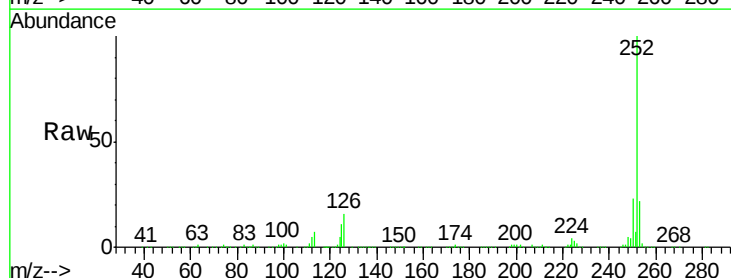
Tgt Ion:252 Resp: 463713

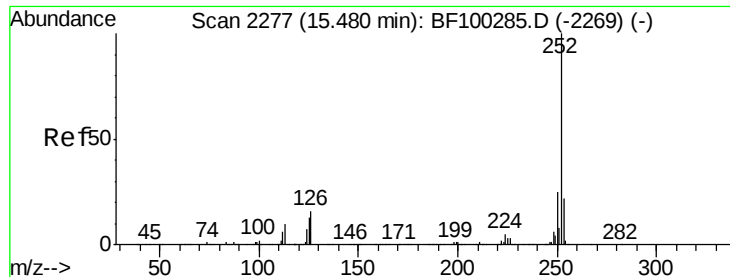
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.9 10.2 15.2

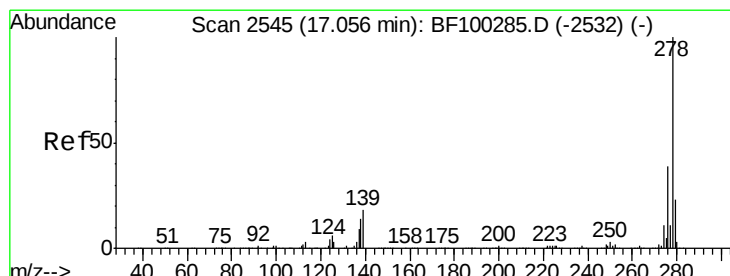
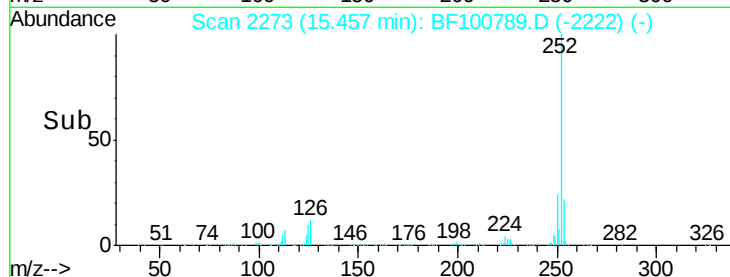
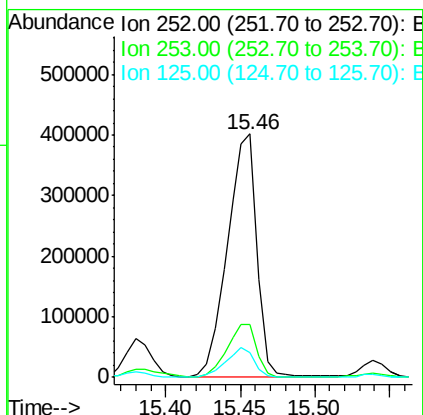
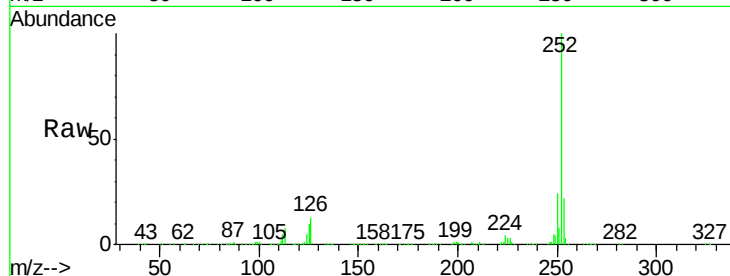




#89
Benzo(a)pyrene
Concen: 51.62 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

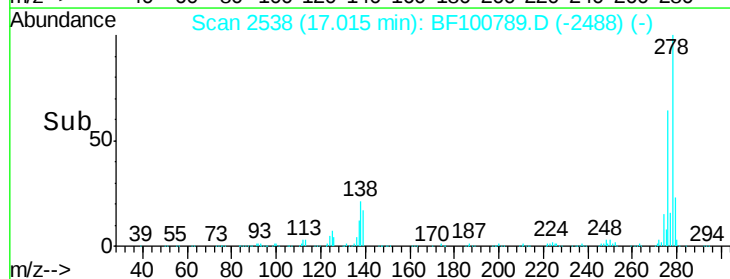
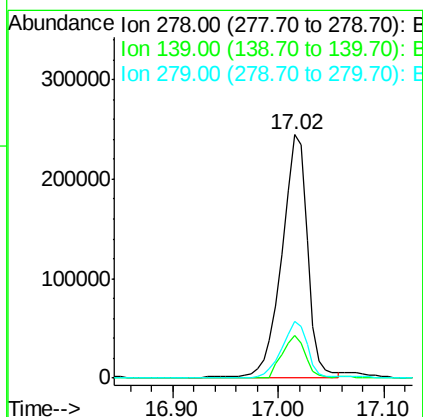
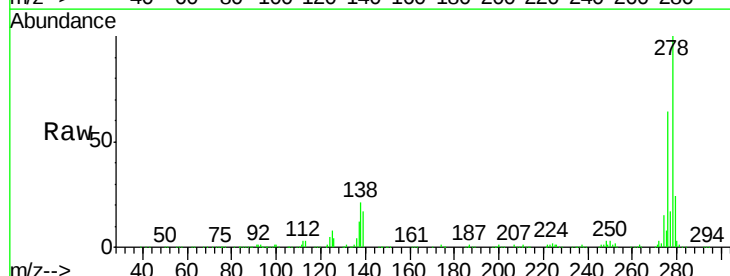
Instrument :
BNA_F
ClientSampleId :

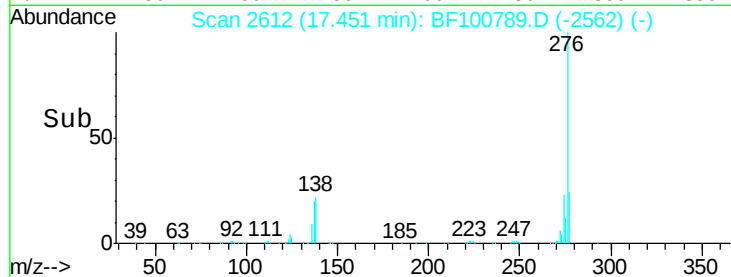
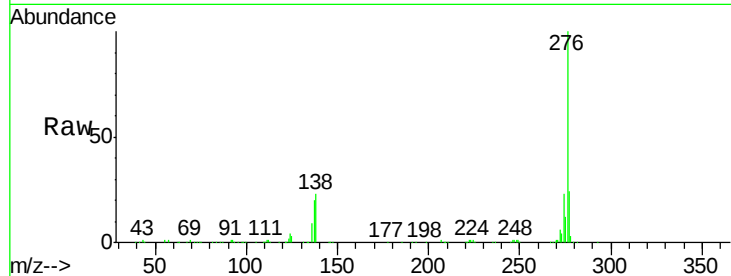
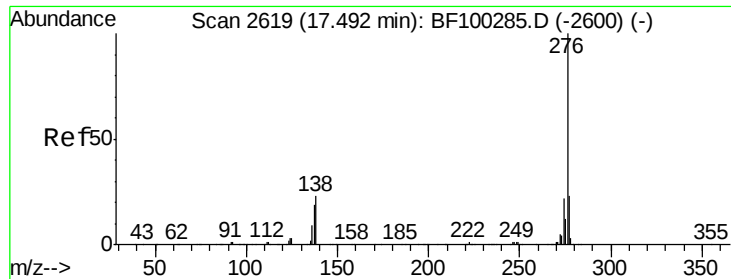
Tot Ion:252 Resp: 554036
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.68 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100789.D
Acq: 21 Nov 2017 19:13

Tgt Ion:278 Resp: 409727
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 49.25 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 423208

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 22.8 21.8 32.8

