

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099185.D
 Acq On : 7 Oct 2017 10:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:31:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115397	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	483242	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	219588	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	388668	20.00	ng	0.00
75) Chrysene-d12	14.03	240	275665	20.00	ng	0.00
86) Perylene-d12	15.50	264	207263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	584948	80.69	ng	0.00
7) Phenol-d6	6.50	99	725138	81.09	ng	0.00
23) Nitrobenzene-d5	7.43	82	606344	80.47	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	147940	82.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1076277	81.82	ng	0.00
78) Terphenyl-d14	12.97	244	1004803	82.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	138393	39.966	ng	94
3) Pyridine	3.42	79	362567	38.705	ng	94
4) n-Nitrosodimethylamine	3.38	42	143464	36.116	ng	86
6) Aniline	6.53	93	479351	39.717	ng	98
8) 2-Chlorophenol	6.65	128	333147	40.582	ng	96
9) Benzaldehyde	6.42	77	189144	36.463	ng	95
10) Phenol	6.51	94	429894	42.985	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	305764	39.327	ng	97
12) 1,3-Dichlorobenzene	6.80	146	349697	40.675	ng	99
13) 1,4-Dichlorobenzene	6.88	146	355710	40.666	ng	100
14) 1,2-Dichlorobenzene	7.03	146	327087	40.469	ng	99
15) Benzyl Alcohol	7.01	79	248644	37.902	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	437516	36.118	ng	96
17) 2-Methylphenol	7.12	107	267220	39.783	ng	99
18) Hexachloroethane	7.37	117	123309	39.219	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	201750	35.337	ng	94
20) 3+4-Methylphenols	7.27	107	326016	38.366	ng	# 88
22) Acetophenone	7.28	105	438543	37.456	ng	# 94
24) Nitrobenzene	7.45	77	334069	39.082	ng	96
25) Isophorone	7.69	82	584211	37.499	ng	99
26) 2-Nitrophenol	7.76	139	184229	44.819	ng	93
27) 2,4-Dimethylphenol	7.80	122	291951	37.610	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	380967	39.239	ng	99
29) 2,4-Dichlorophenol	8.00	162	271600	40.751	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	269385	40.412	ng	98
31) Naphthalene	8.17	128	902145	39.749	ng	99
32) Benzoic acid	7.96	122	20121	3.156	ng	97
33) 4-Chloroaniline	8.22	127	385893	40.715	ng	98
34) Hexachlorobutadiene	8.28	225	136246	39.682	ng	96
35) Caprolactam	8.60	113	86654	40.532	ng	90
36) 4-Chloro-3-methylphenol	8.70	107	297880	39.764	ng	97
37) 2-Methylnaphthalene	8.86	142	584923	39.644	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	264873	40.446	ng	99
40) Hexachlorocyclopentadiene	9.01	237	109462	36.576	ng	98

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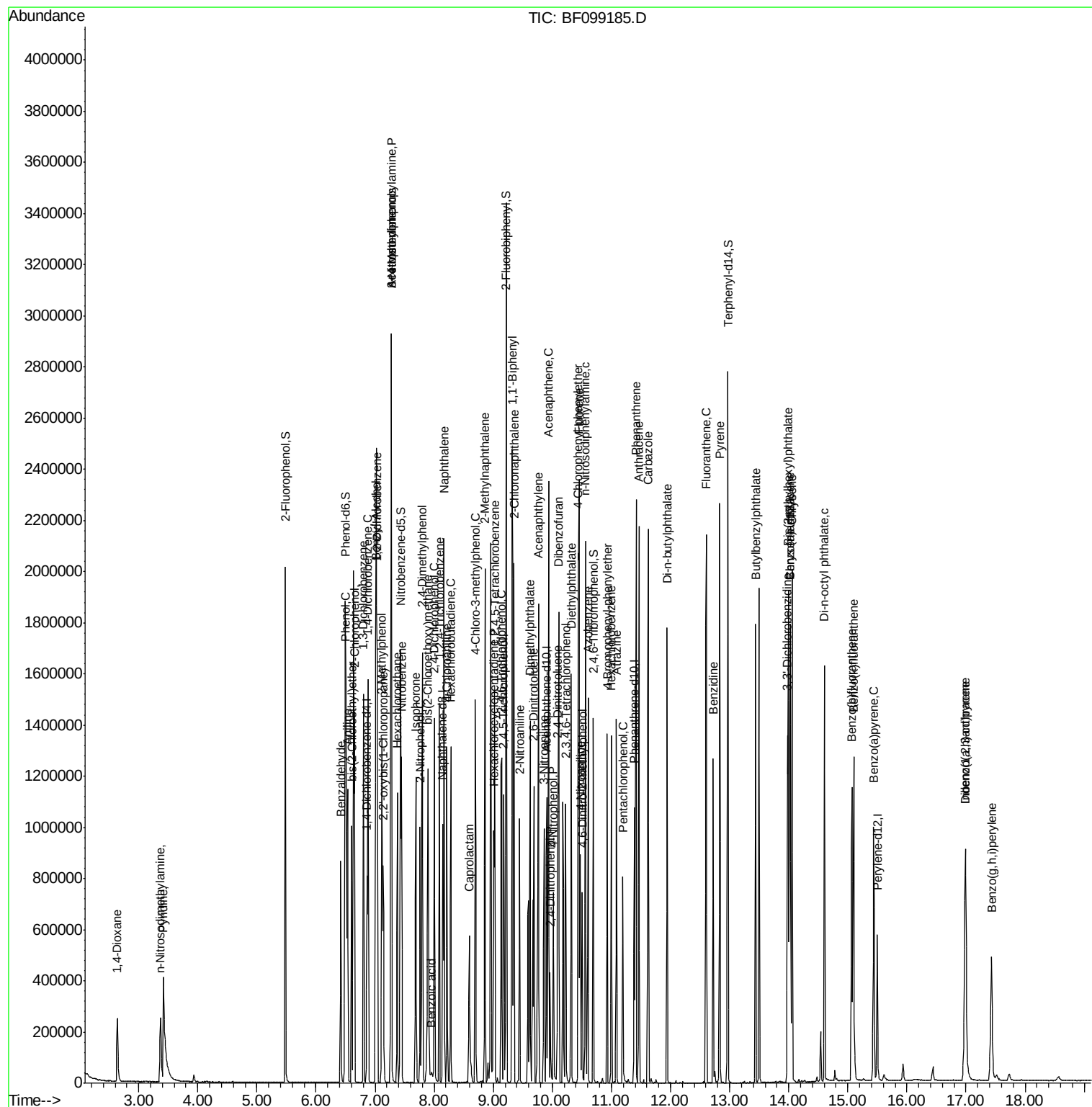
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	180605	38.929	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	182044	39.308	ng	95
45) 1,1'-Biphenyl	9.32	154	759591	40.249	ng	99
46) 2-Chloronaphthalene	9.35	162	570294	40.247	ng	98
47) 2-Nitroaniline	9.45	65	173250	39.931	ng	99
48) Acenaphthylene	9.77	152	879138	40.529	ng	99
49) Dimethylphthalate	9.62	163	663107	40.011	ng	99
50) 2,6-Dinitrotoluene	9.69	165	154015	42.686	ng	96
51) Acenaphthene	9.94	154	517953	37.695	ng	98
52) 3-Nitroaniline	9.86	138	181499	43.141	ng	90
53) 2,4-Dinitrophenol	9.97	184	56157	33.545	ng	# 85
54) Dibenzofuran	10.11	168	732065	40.015	ng	99
55) 4-Nitrophenol	10.02	139	127846	35.938	ng	94
56) 2,4-Dinitrotoluene	10.09	165	201542	43.040	ng	93
57) Fluorene	10.45	166	589603	40.096	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	124028	38.768	ng	98
59) Diethylphthalate	10.32	149	620480	38.314	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	258812	39.182	ng	99
61) 4-Nitroaniline	10.47	138	183259	45.151	ng	89
62) Azobenzene	10.60	77	553398	37.165	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	99515	42.083	ng	79
65) n-Nitrosodiphenylamine	10.56	169	537057	39.886	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	151849	39.914	ng	99
67) Hexachlorobenzene	11.00	284	162466	39.984	ng	97
68) Atrazine	11.09	200	161768	39.932	ng	99
69) Pentachlorophenol	11.19	266	80532	31.846	ng	98
70) Phenanthrene	11.42	178	831312	39.959	ng	99
71) Anthracene	11.47	178	855439	40.186	ng	99
72) Carbazole	11.62	167	847115	40.638	ng	100
73) Di-n-butylphthalate	11.95	149	972329	38.752	ng	98
74) Fluoranthene	12.60	202	851926	40.439	ng	98
76) Benzidine	12.72	184	436652	42.826	ng	99
77) Pyrene	12.83	202	875507	41.650	ng	100
79) Butylbenzylphthalate	13.44	149	397726	40.259	ng	96
80) Benzo(a)anthracene	14.02	228	684458	41.005	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	241931	39.537	ng	99
82) Chrysene	14.06	228	639633	40.249	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	525374	38.622	ng	# 99
84) Di-n-octyl phthalate	14.60	149	798871	36.472	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	465727	36.636	ng	97
87) Benzo(b)fluoranthene	15.07	252	503137	39.482	ng	97
88) Benzo(k)fluoranthene	15.10	252	523374	41.582	ng	99
89) Benzo(a)pyrene	15.44	252	473842	40.508	ng	# 97
90) Dibenzo(a,h)anthracene	17.00	278	375642	40.126	ng	98
91) Benzo(g,h,i)perylene	17.43	276	391601	42.319	ng	96

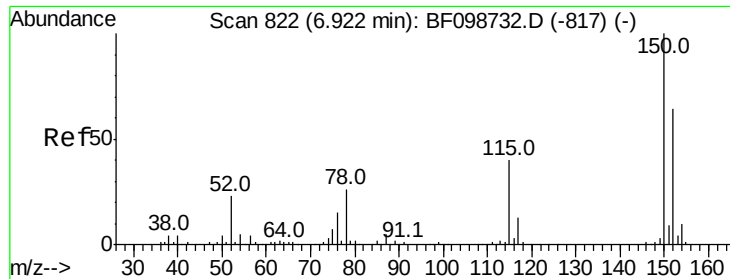
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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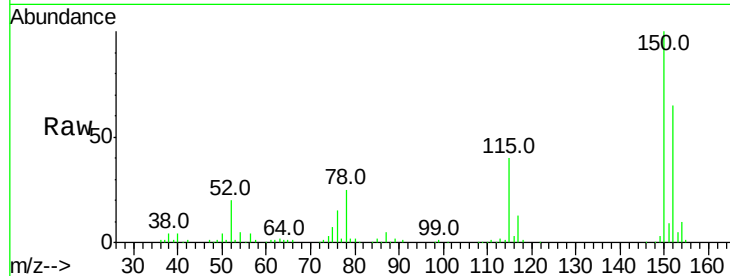


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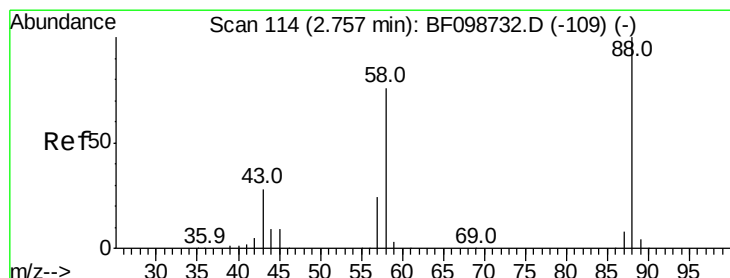
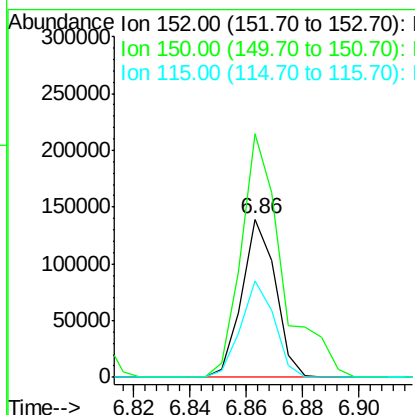
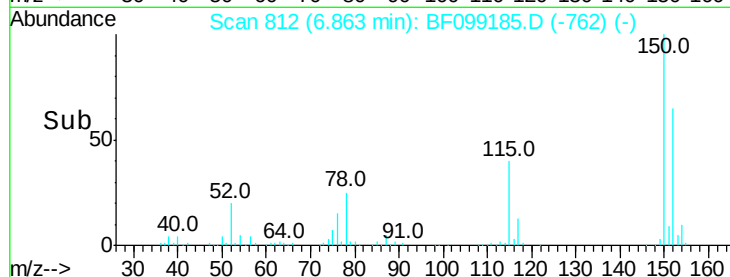
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115397
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 61.3 50.1 75.1



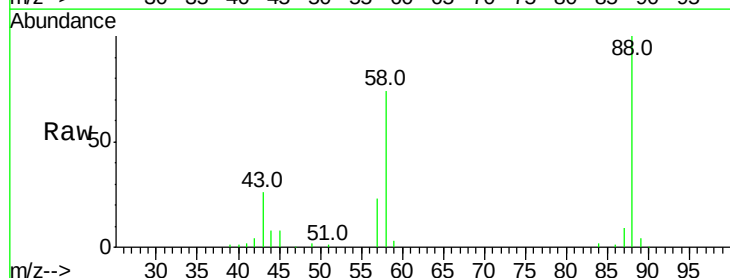
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



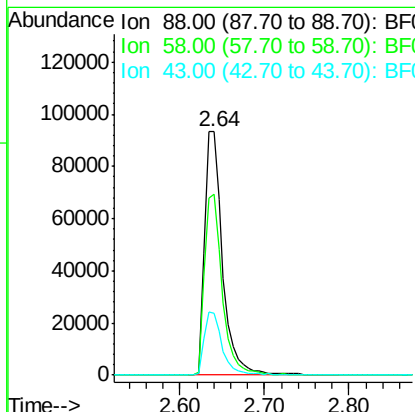
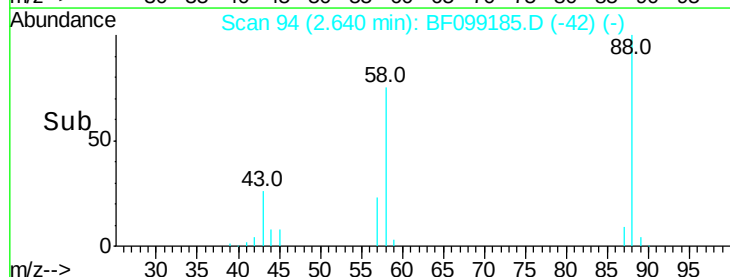
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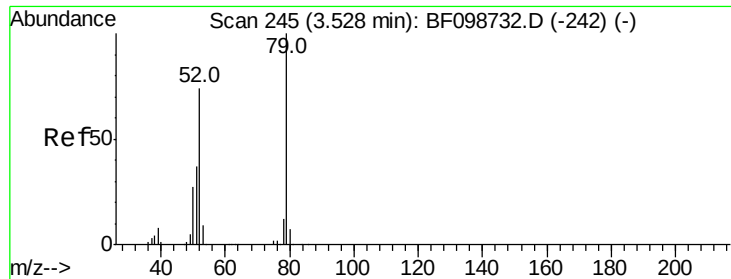
1,4-Dioxane
Concen: 39.966 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion: 88 Resp: 138393
Ion Ratio Lower Upper
88 100
58 73.4 62.6 93.8
43 26.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

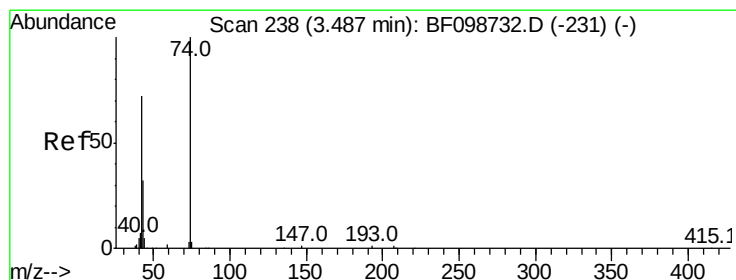
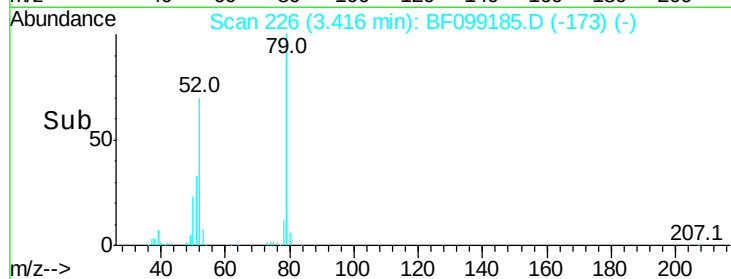
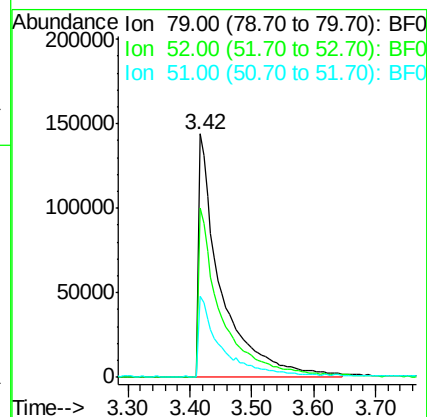
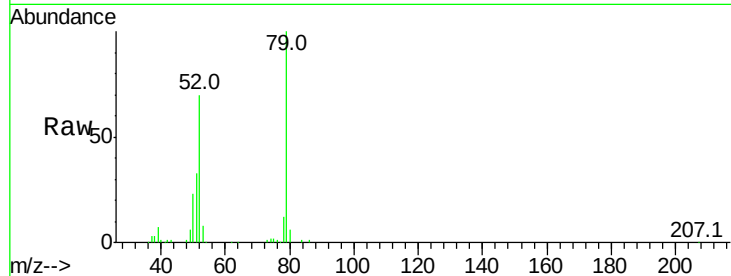




#3
 Pvridine
 Concen: 38.705 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

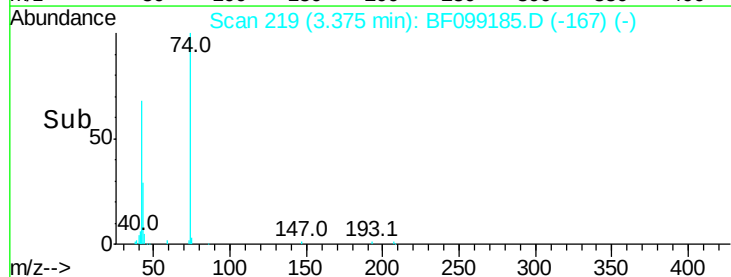
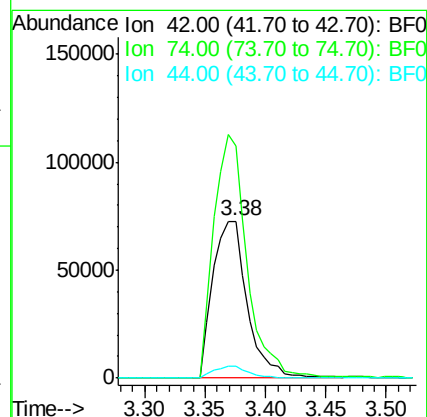
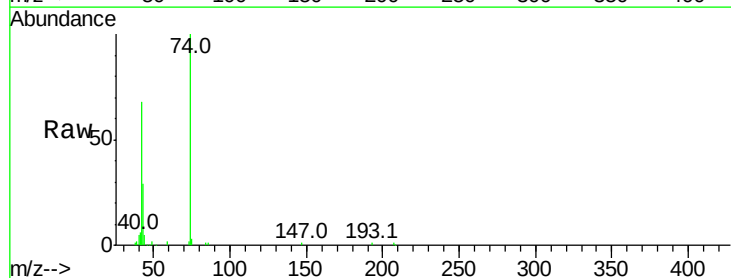
Instrument :
 BNA_F
 ClientSampleId :

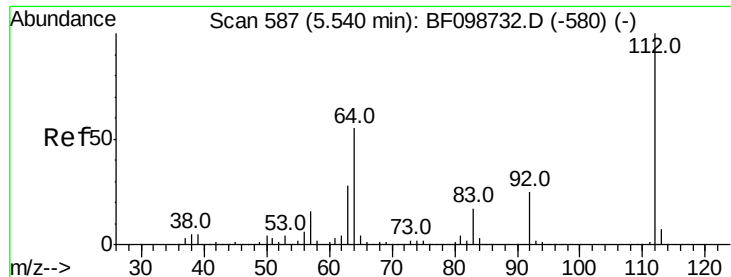
Tot Ion: 79 Resp: 362567
 Ion Ratio Lower Upper
 79 100
 52 69.5 59.8 89.6
 51 33.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.116 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion: 42 Resp: 143464
 Ion Ratio Lower Upper
 42 100
 74 148.0 104.9 157.3
 44 7.3 6.9 10.3

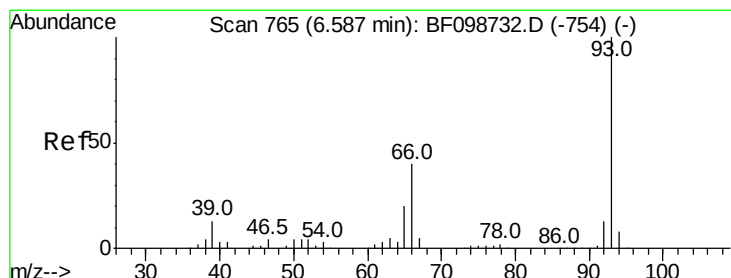
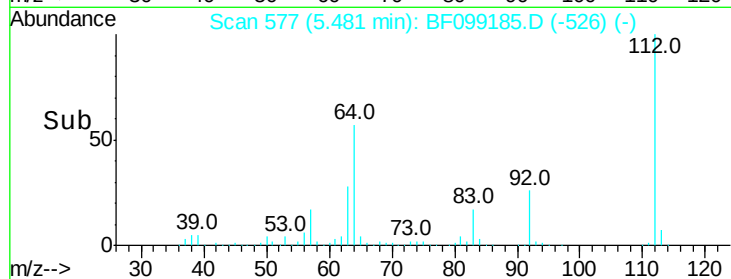
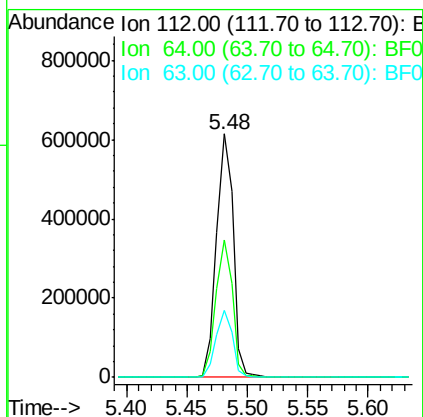
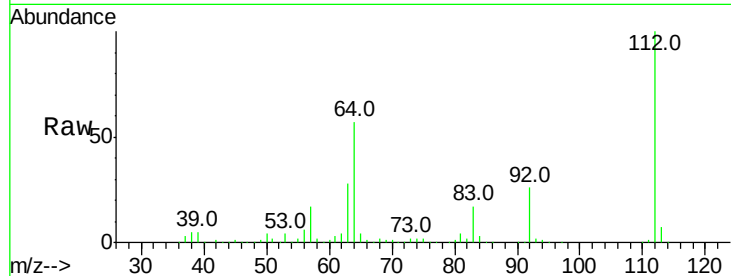




#5
 2-Fluorophenol
 Concen: 80.694 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

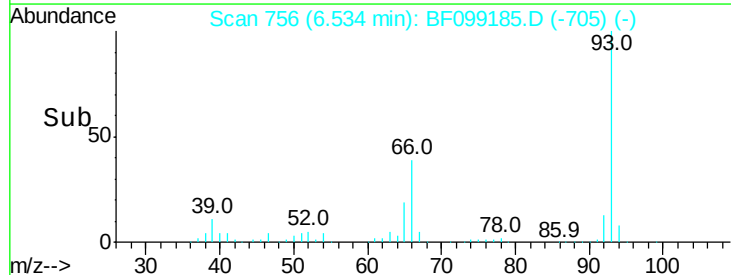
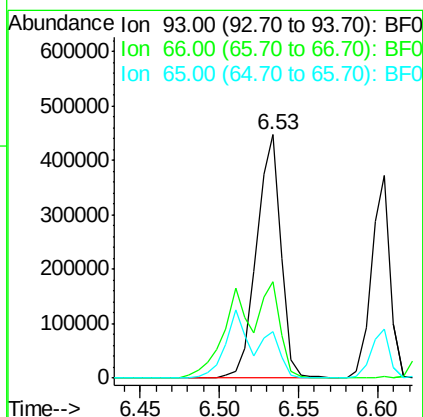
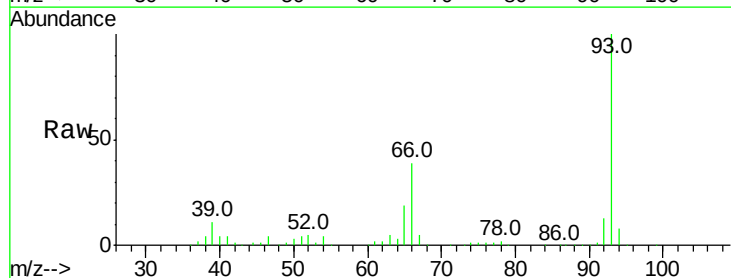
Instrument :
 BNA_F
 ClientSampleId :

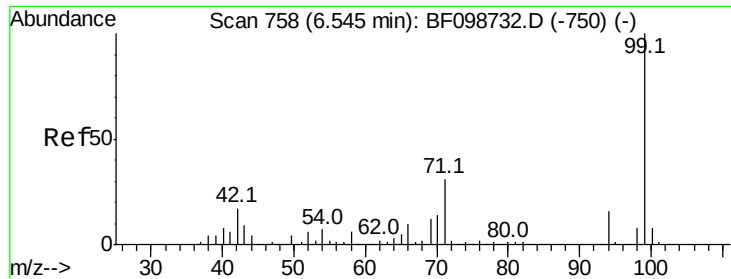
Tot Ion: 112 Resp: 584948
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 27.6 23.7 35.5



#6
 Aniline
 Concen: 39.717 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion: 93 Resp: 479351
 Ion Ratio Lower Upper
 93 100
 66 39.4 32.2 48.2
 65 19.2 16.4 24.6





#7

Phenol-d6

Concen: 81.089 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

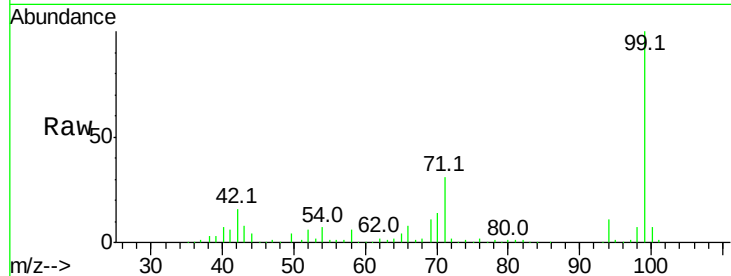
Tot Ion: 99 Resp: 725138

Ion Ratio Lower Upper

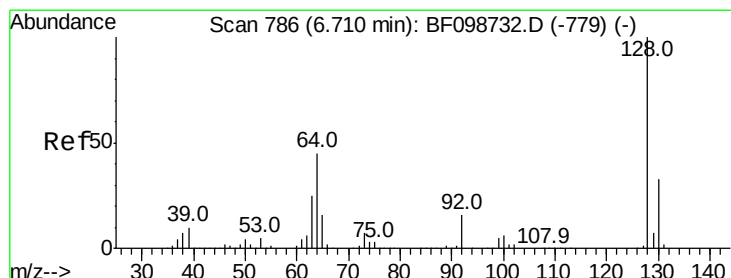
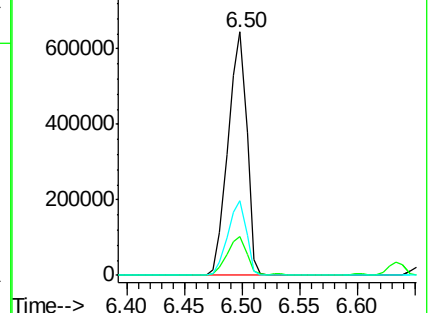
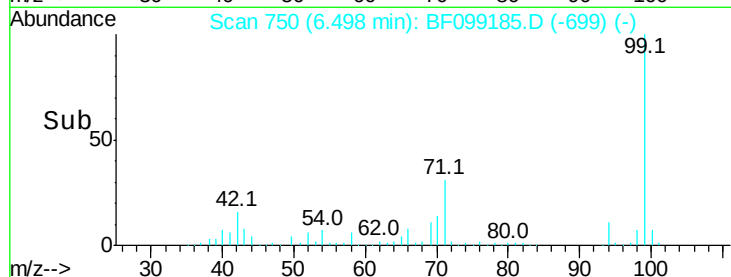
99 100

42 15.9 14.5 21.7

71 30.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.582 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

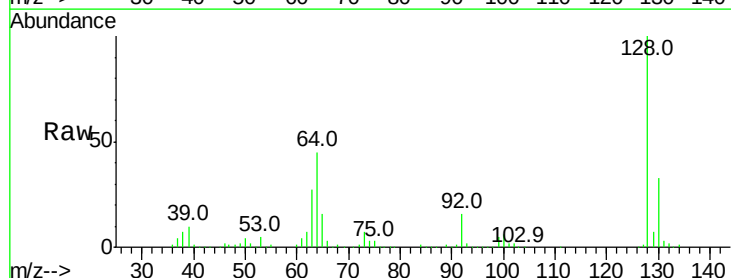
Tgt Ion: 128 Resp: 333147

Ion Ratio Lower Upper

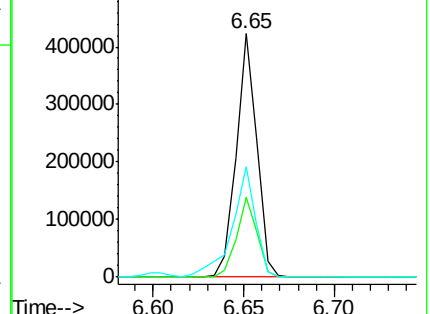
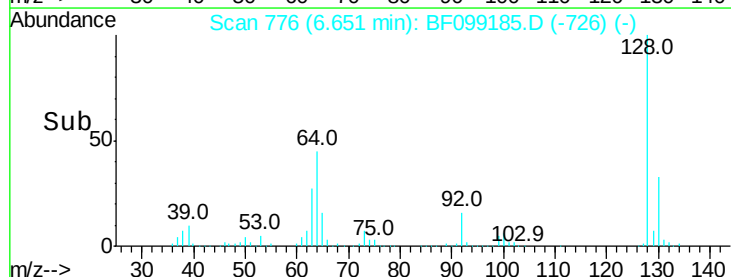
128 100

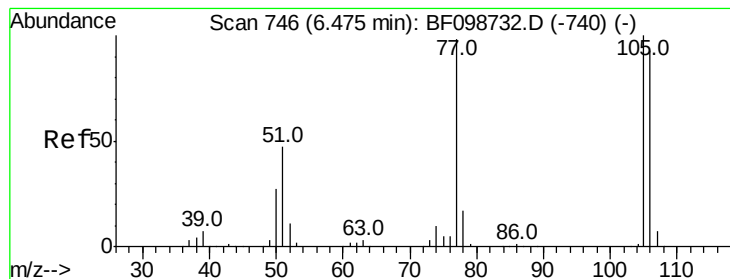
130 32.7 13.0 53.0

64 45.4 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): BF0





#9

Benzaldehyde

Concen: 36.463 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF099185.D

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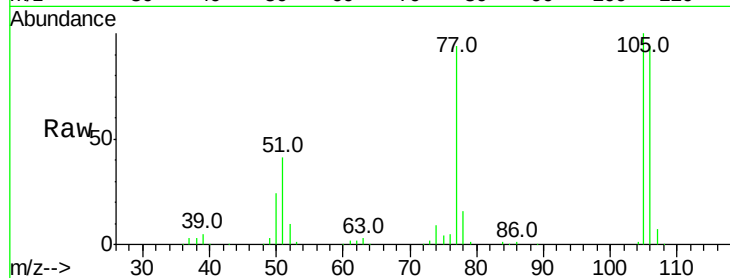
Tot Ion: 77 Resp: 189144

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

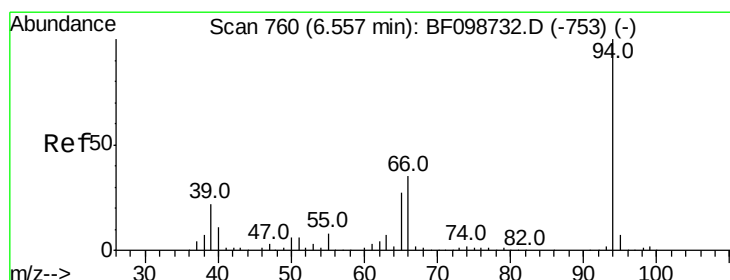
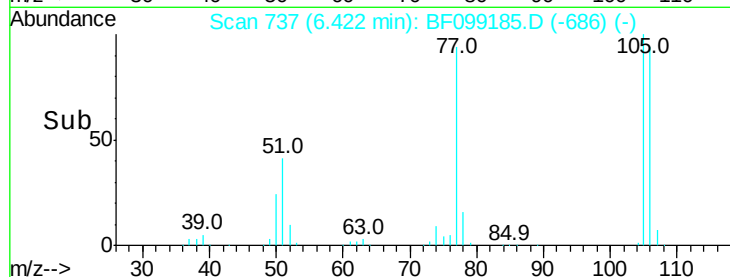
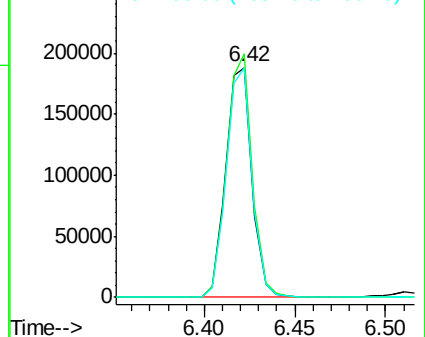
106 99.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.985 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

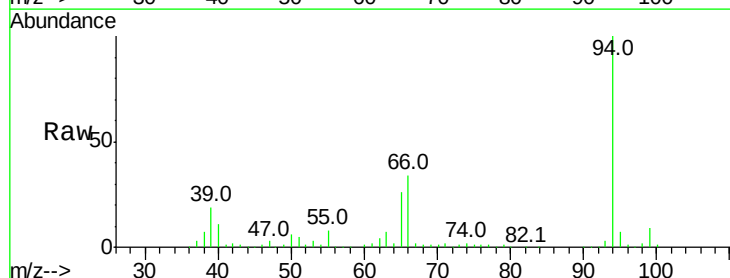
Tgt Ion: 94 Resp: 429894

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

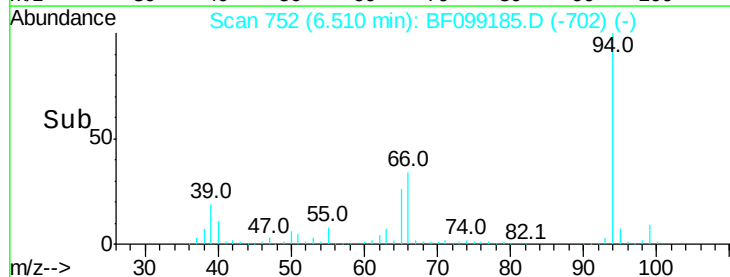
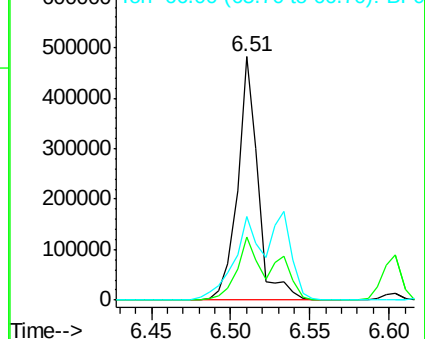
66 34.2 16.2 56.2

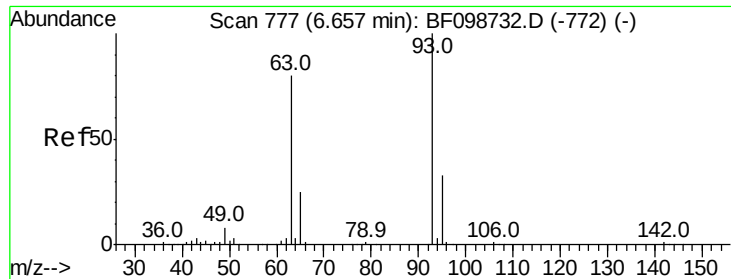


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

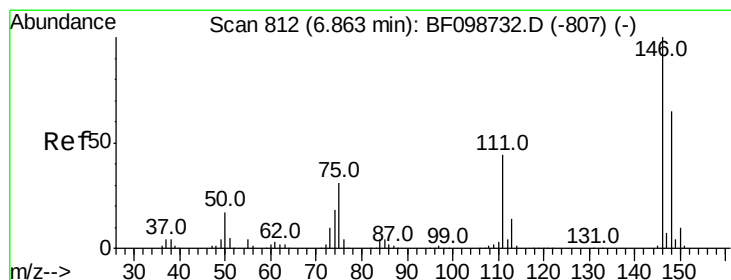
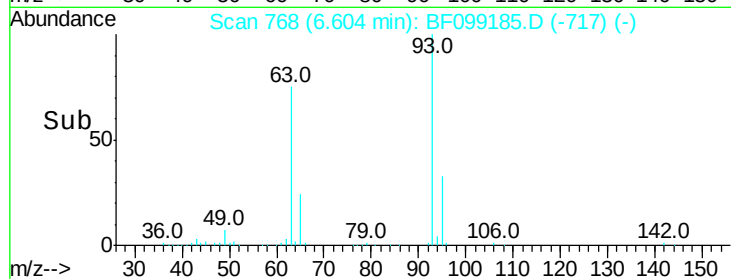
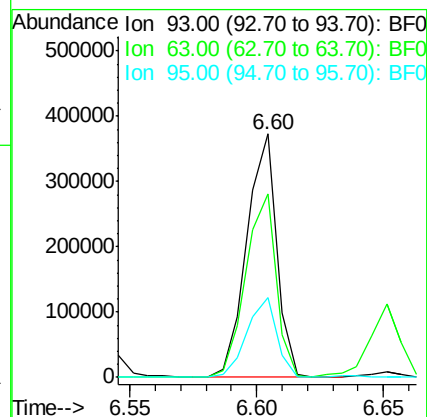
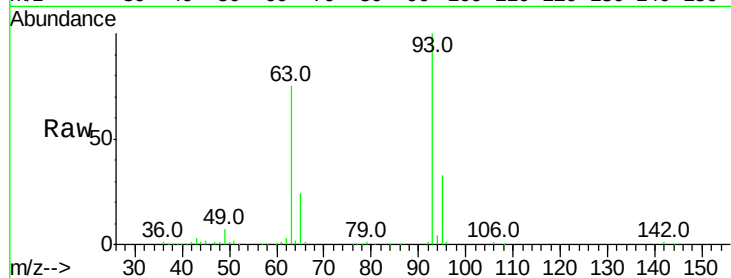




#11
bis(2-Chloroethyl)ether
Concen: 39.327 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

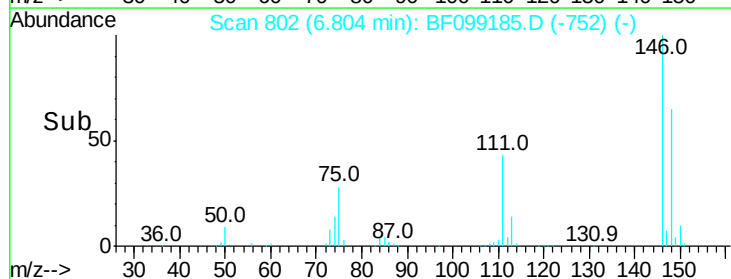
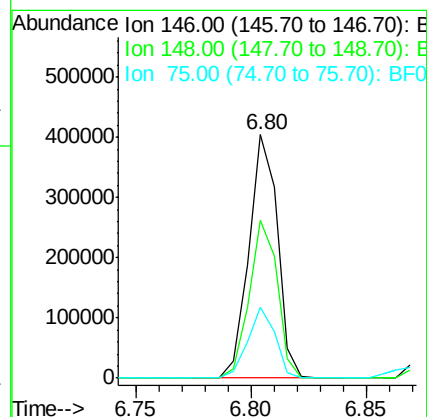
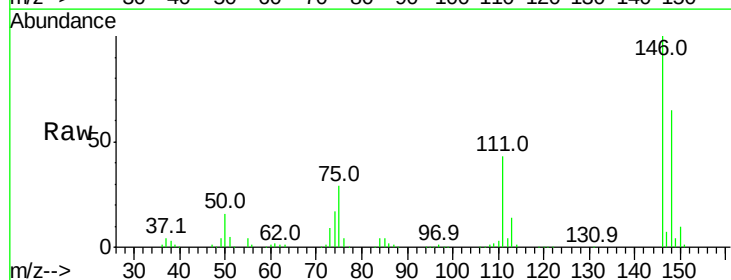
Instrument :
BNA_F
ClientSampleId :

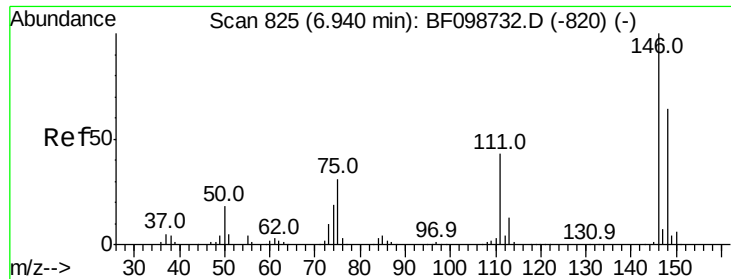
Tot Ion: 93 Resp: 305764
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.675 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion: 146 Resp: 349697
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 29.0 24.2 36.4

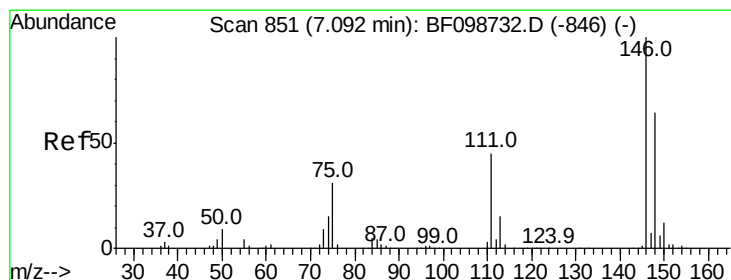
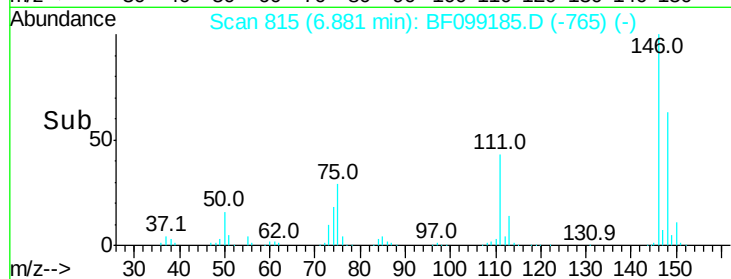
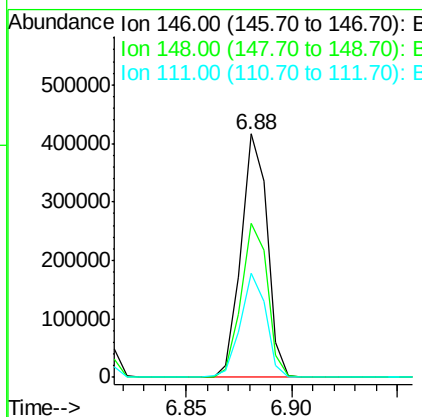
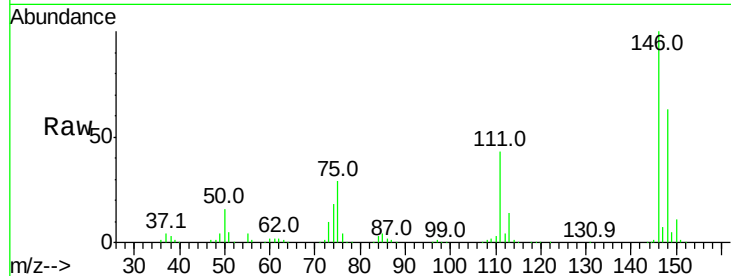




#13
 1,4-Dichlorobenzene
 Concen: 40.666 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

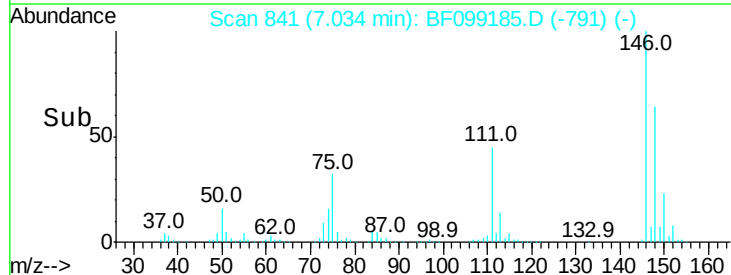
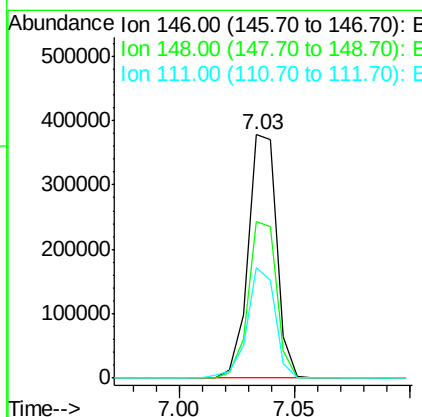
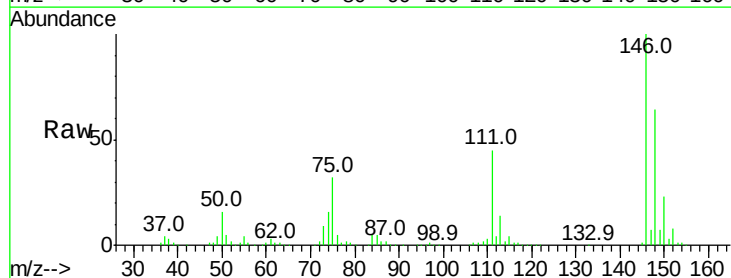
Instrument :
 BNA_F
 ClientSampleId :

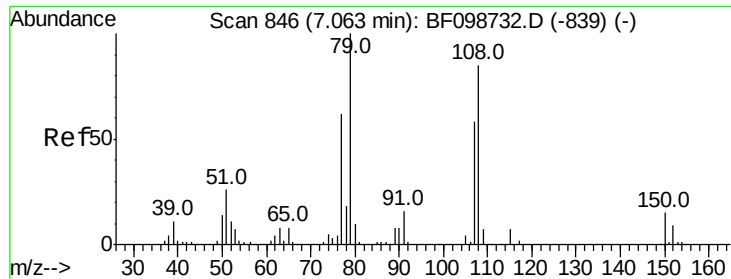
Tot Ion:146 Resp: 355710
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.469 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:146 Resp: 327087
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 45.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.902 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampled :

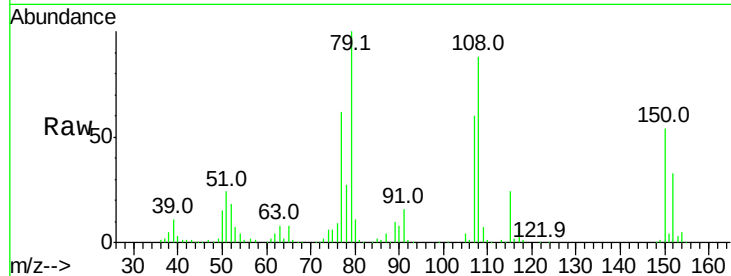
Tot Ion: 79 Resp: 248644

Ion Ratio Lower Upper

79 100

108 88.0 65.1 97.7

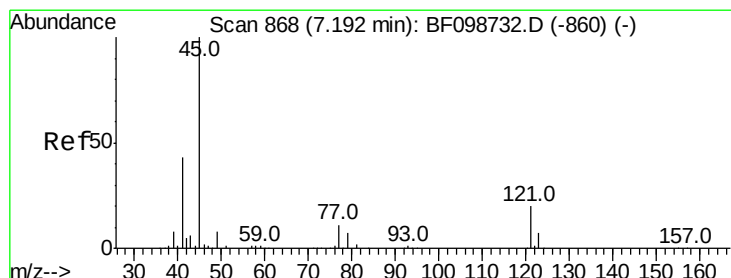
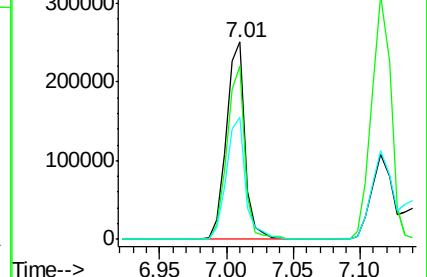
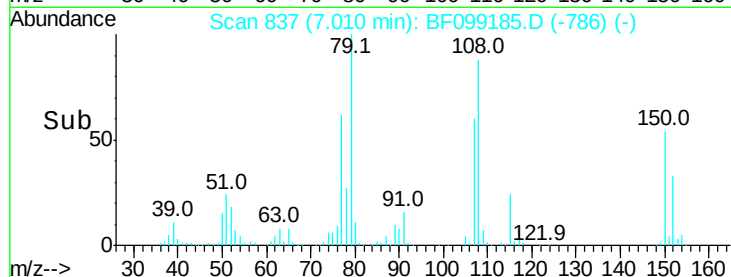
77 62.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.118 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

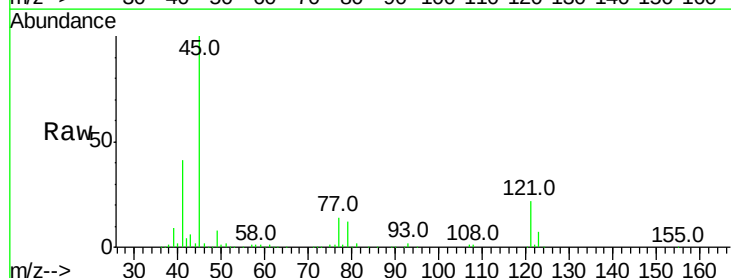
Tgt Ion: 45 Resp: 437516

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

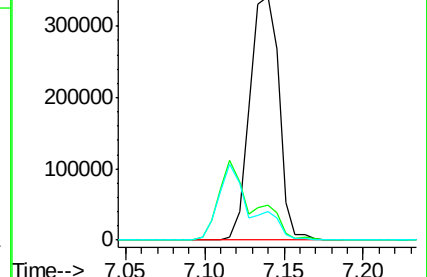
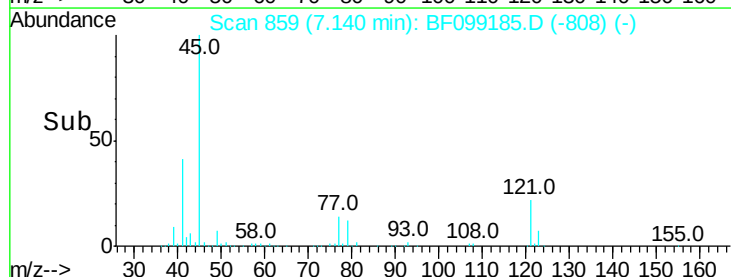
79 11.6 0.0 29.6

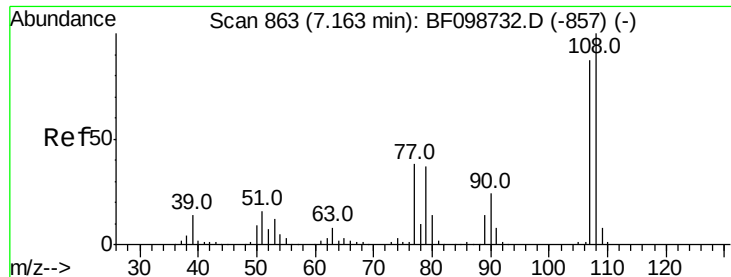


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

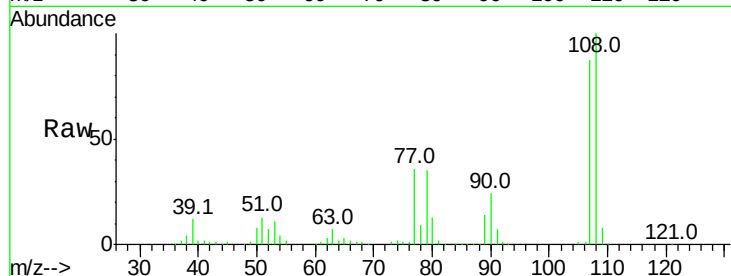




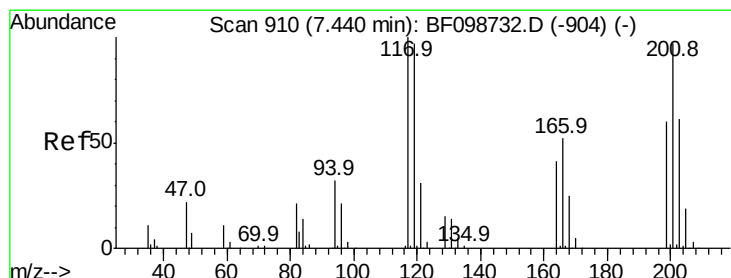
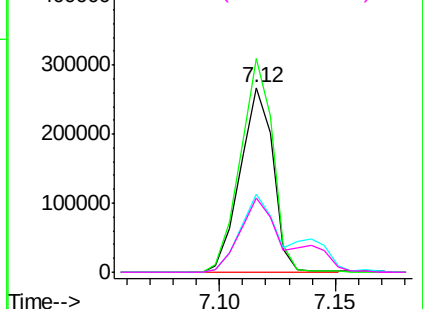
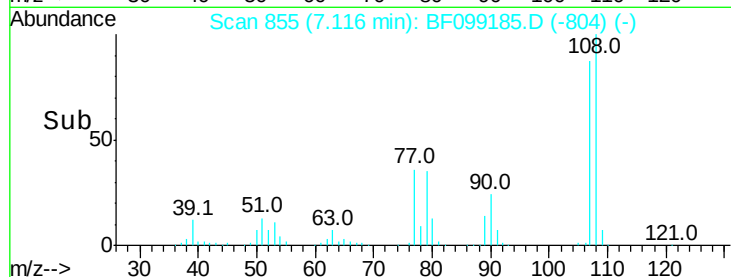
#17
2-Methylphenol
Concen: 39.783 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 267220
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 41.9 33.8 50.8
79 40.1 33.8 50.8

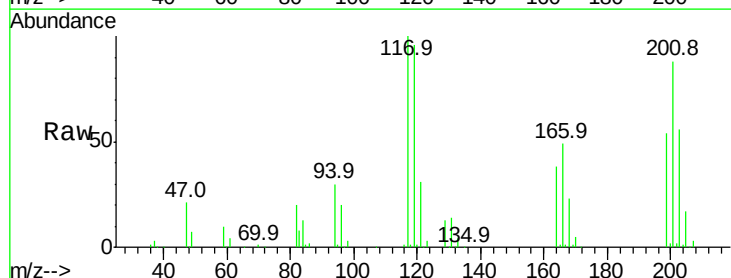


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

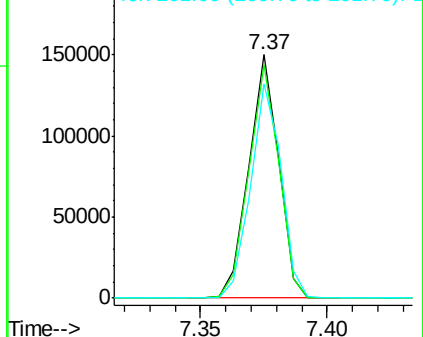
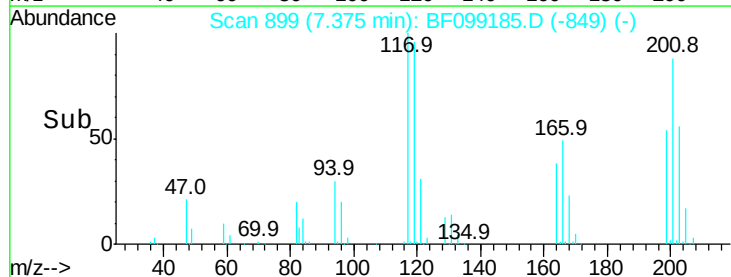


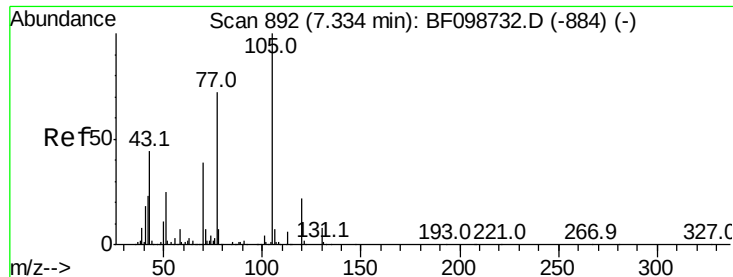
#18
Hexachloroethane
Concen: 39.219 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:117 Resp: 123309
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 88.0 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

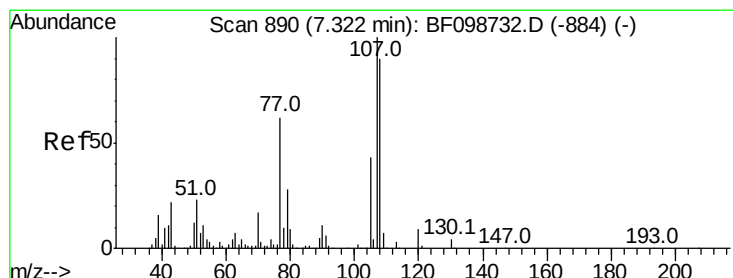
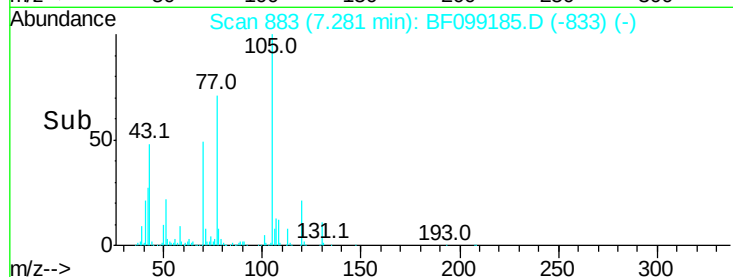
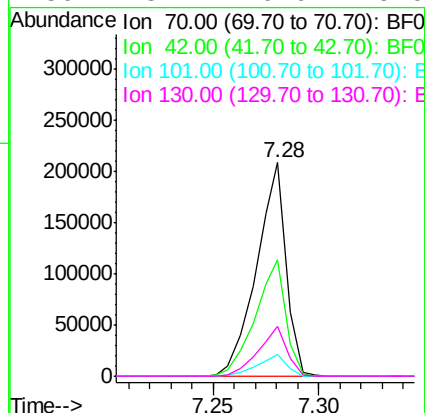
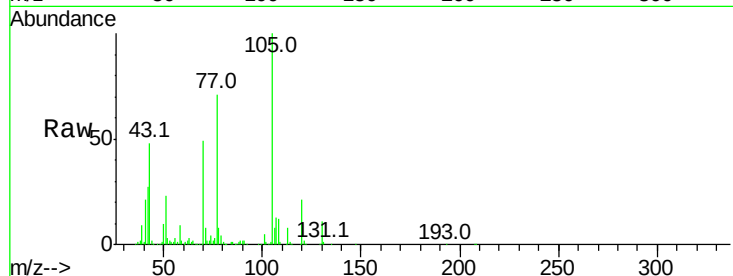




#19
n-Nitroso-di-n-propylamine
Concen: 35.337 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

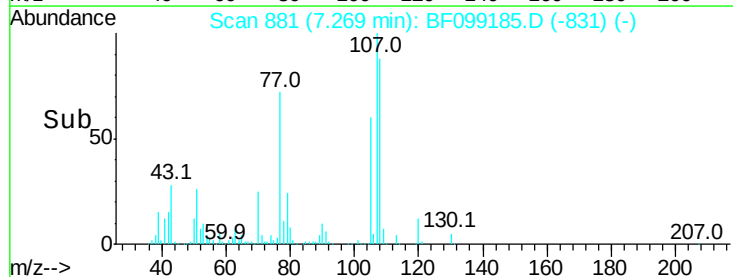
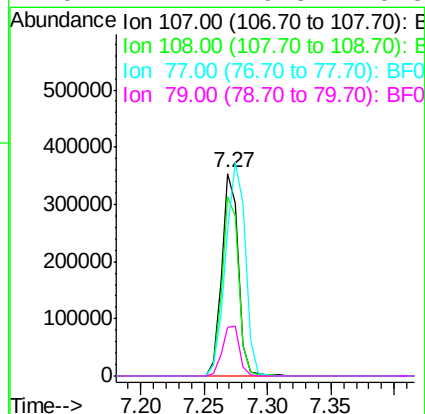
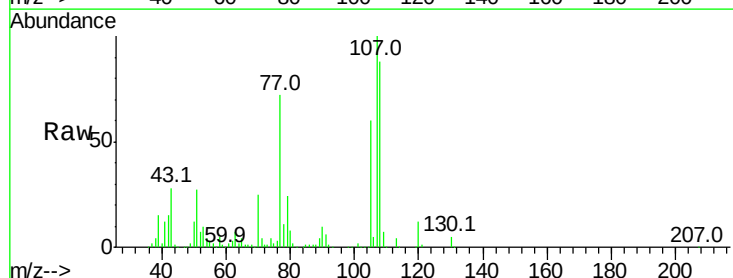
Instrument :
BNA_F
ClientSampleId :

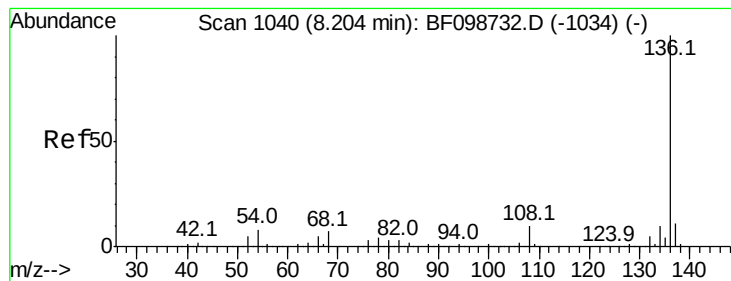
Tot Ion:	70	Resp:	201750
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	10.2	7.4	11.2
130	23.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.366 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:	107	Resp:	326016
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	72.4	26.7	66.7#
79	24.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 483242

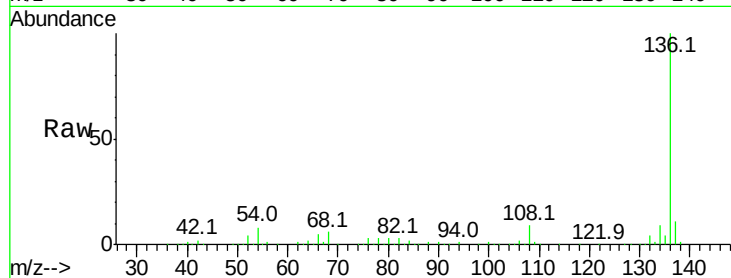
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.7 6.6 9.8

68 6.4 5.0 7.4

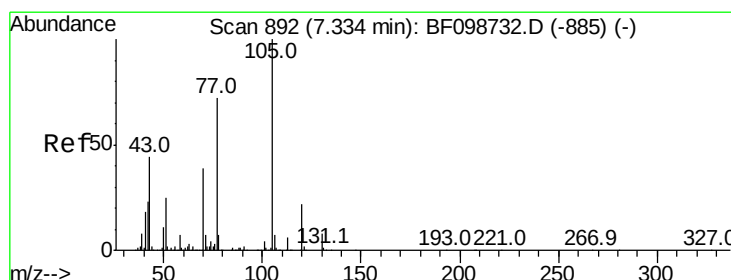
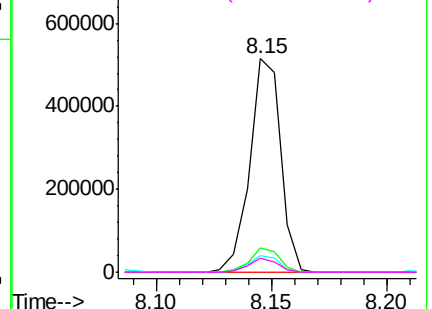
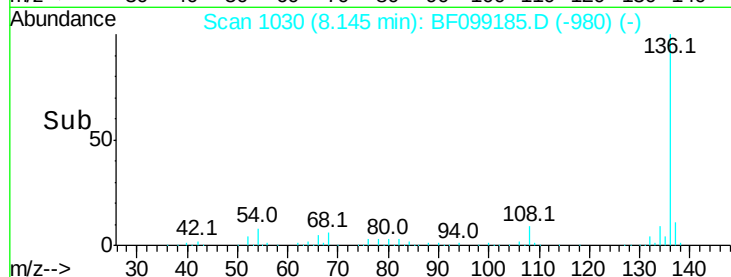


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.456 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Tgt Ion:105 Resp: 438543

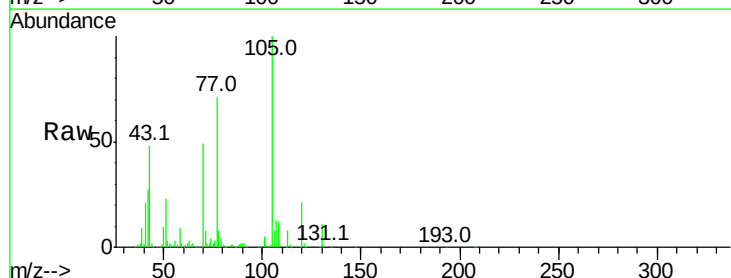
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 22.6 22.3 33.5

120 21.4 16.9 25.3

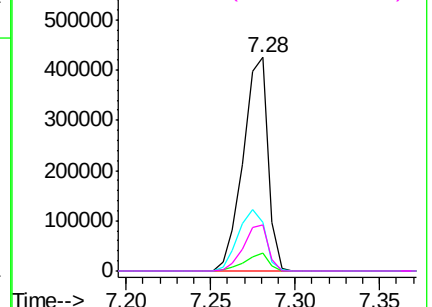
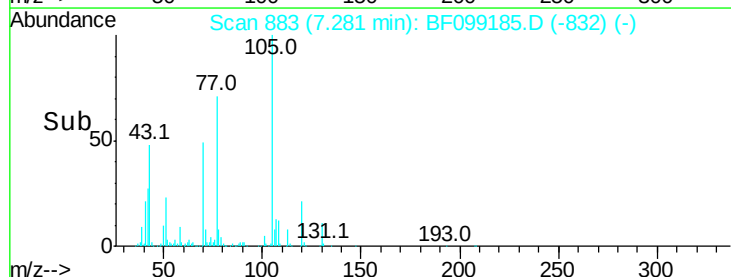


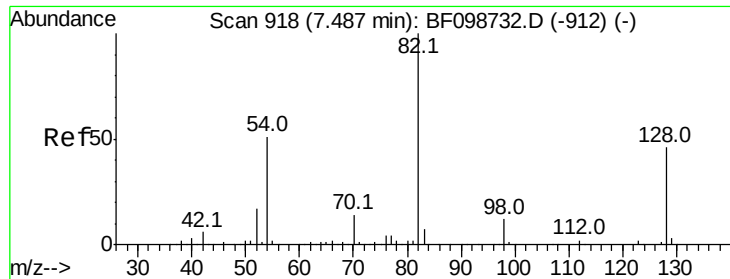
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

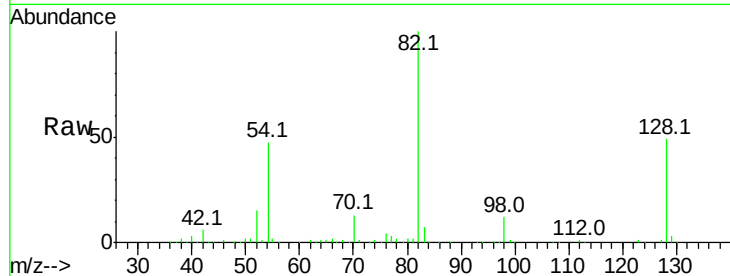




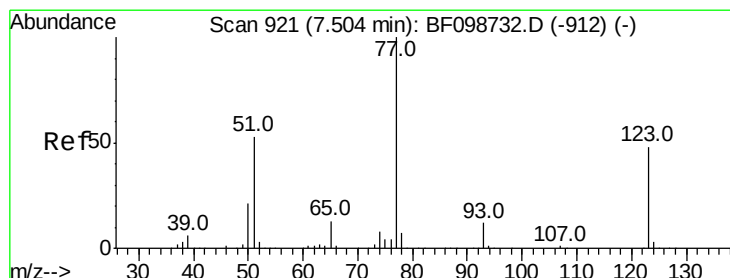
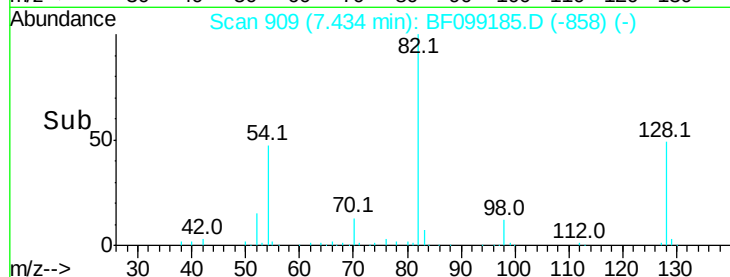
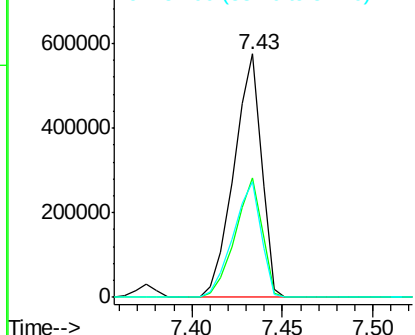
#23
 Nitrobenzene-d5
 Concen: 80.467 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 606344
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 47.4 41.4 62.2

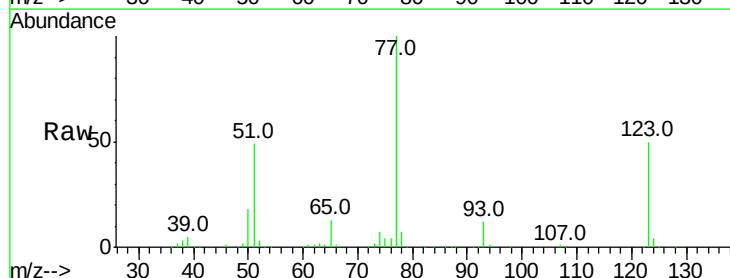


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

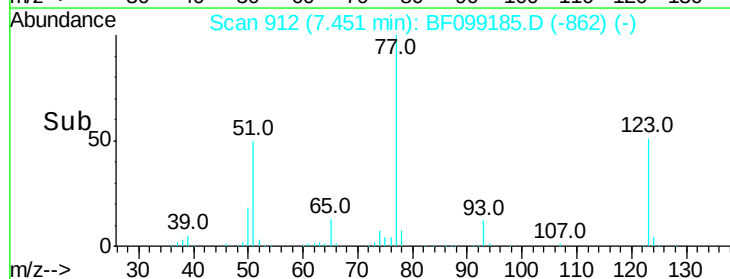
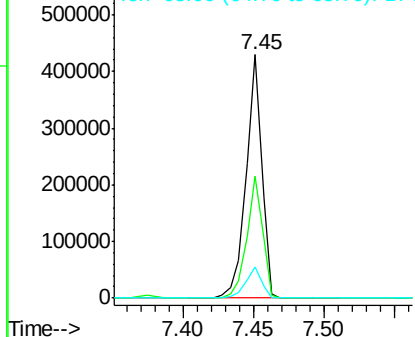


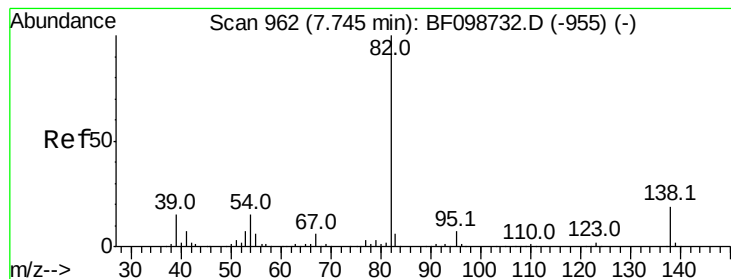
#24
 Nitrobenzene
 Concen: 39.082 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion: 77 Resp: 334069
 Ion Ratio Lower Upper
 77 100
 123 50.4 37.9 56.9
 65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.499 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

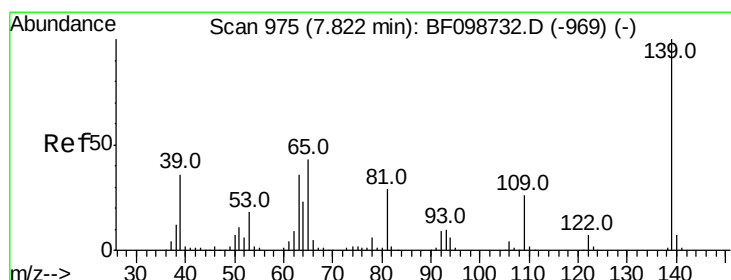
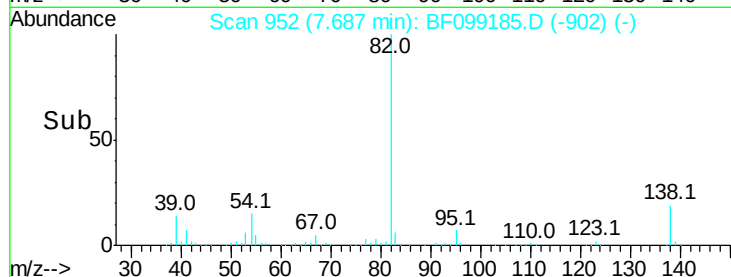
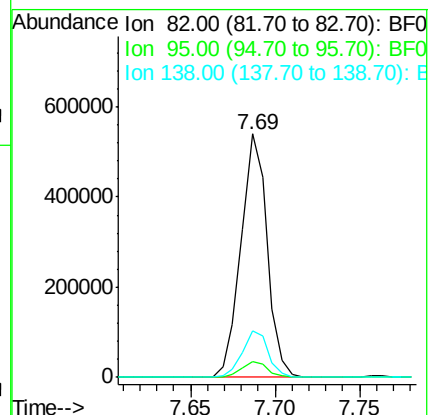
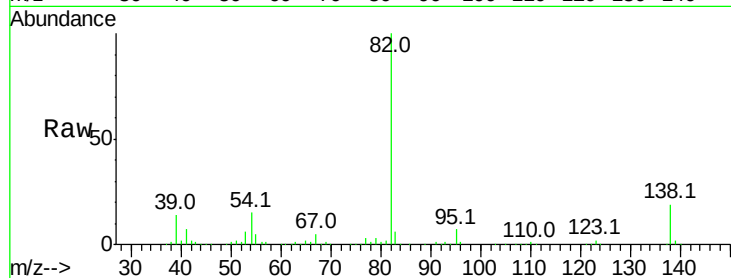
Tot Ion: 82 Resp: 584211

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 44.819 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

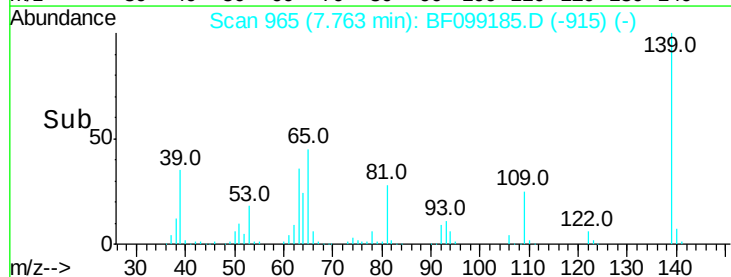
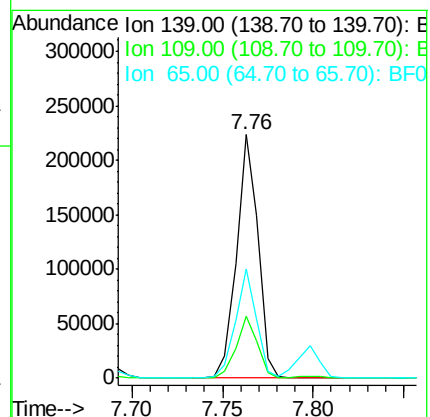
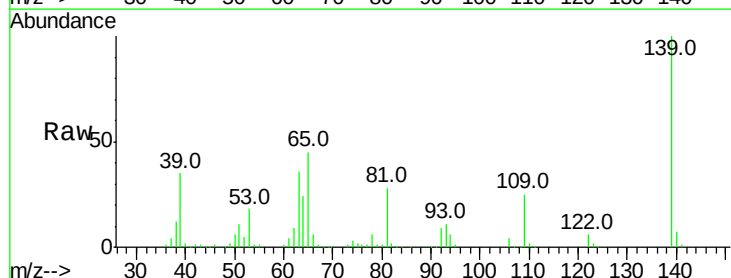
Tgt Ion: 139 Resp: 184229

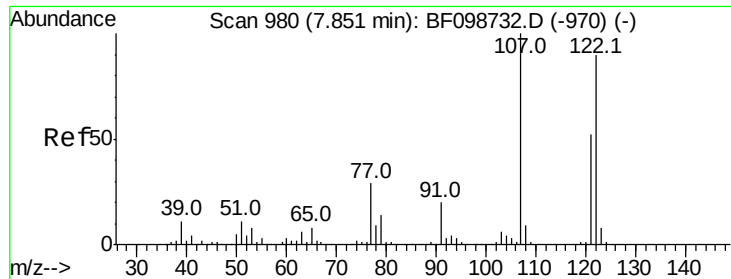
Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.610 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampled :

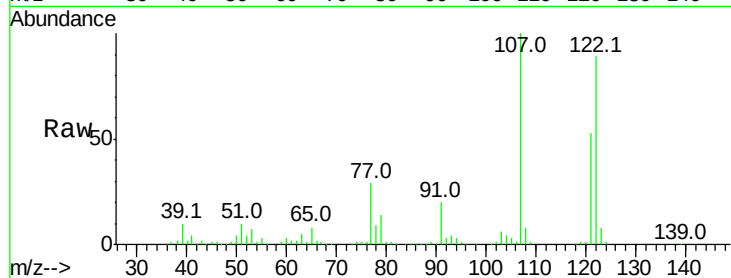
Tot Ion:122 Resp: 291951

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

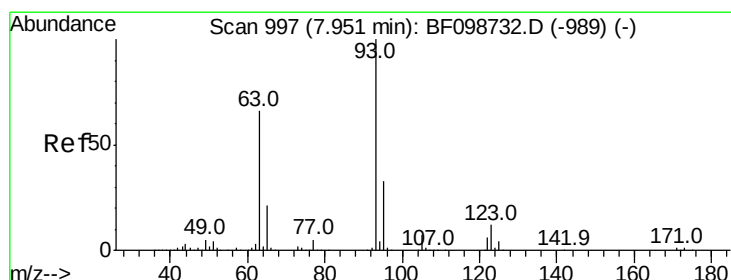
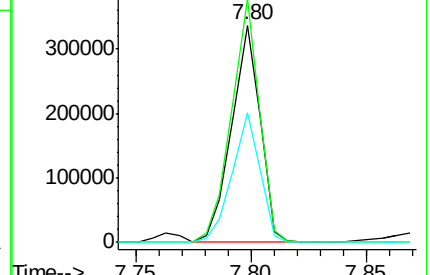
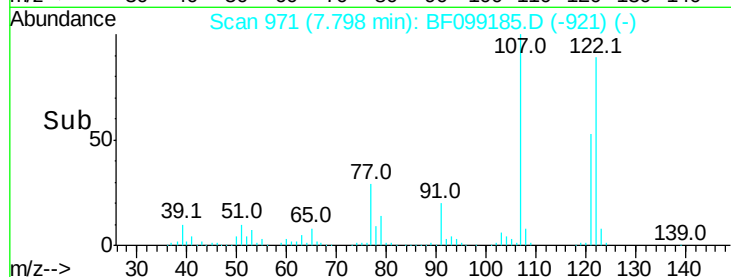
121 59.6 47.2 70.8



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: 39.239 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

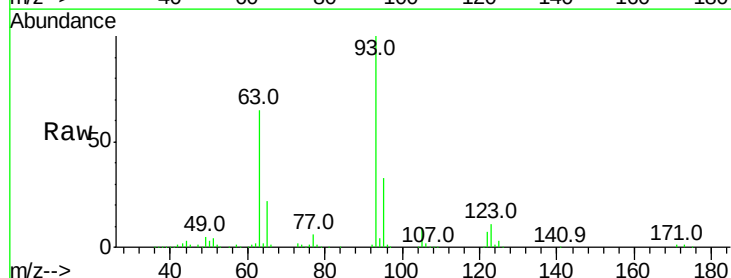
Tgt Ion: 93 Resp: 380967

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

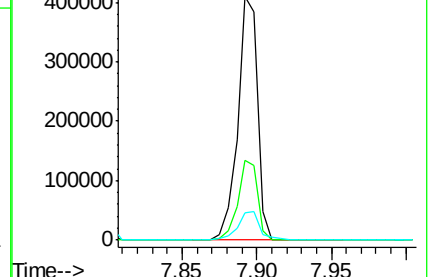
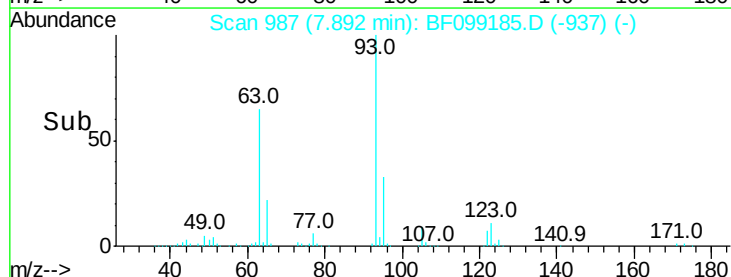
123 11.3 9.8 14.6

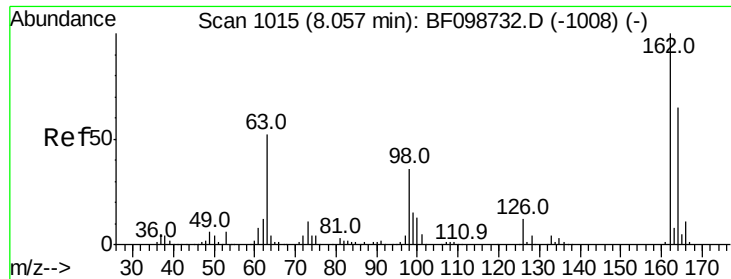


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

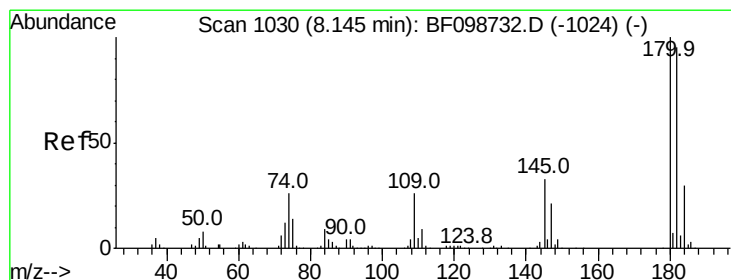
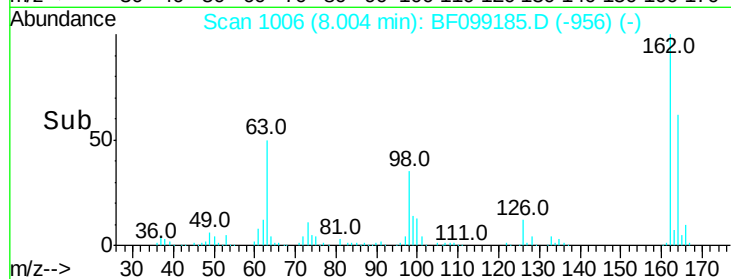
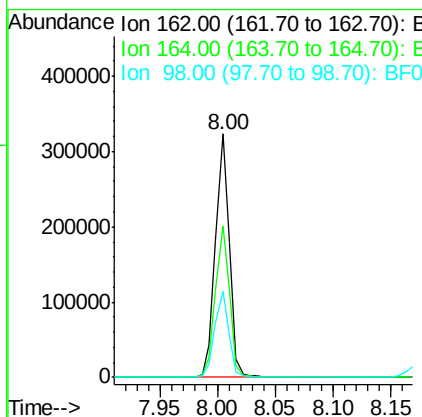
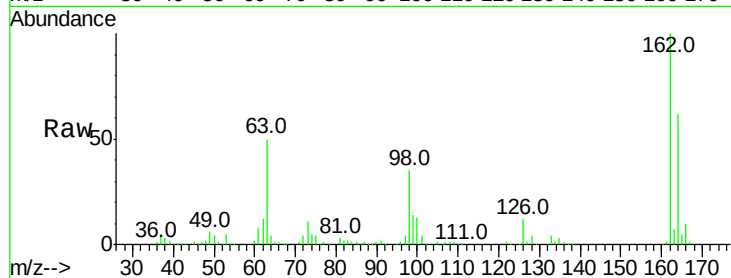




#29
 2,4-Dichlorophenol
 Concen: 40.751 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

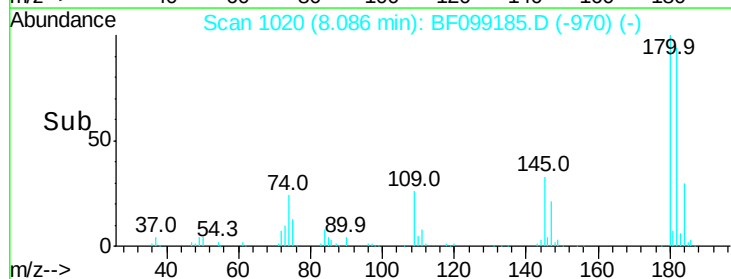
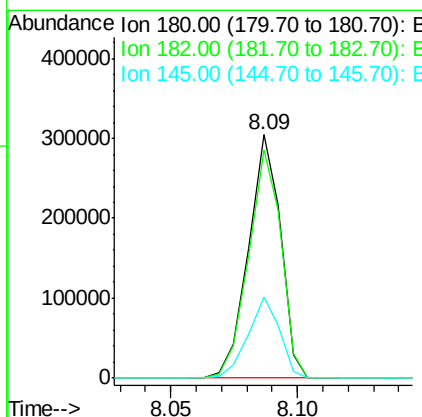
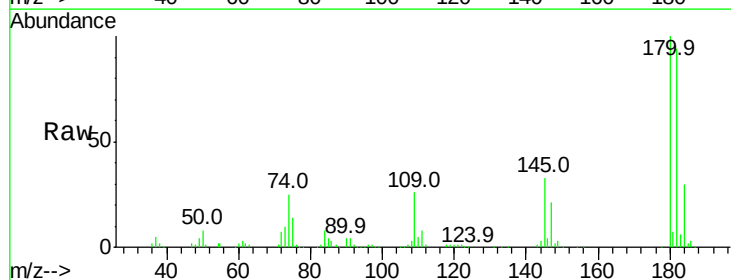
Instrument :
 BNA_F
 ClientSampled :

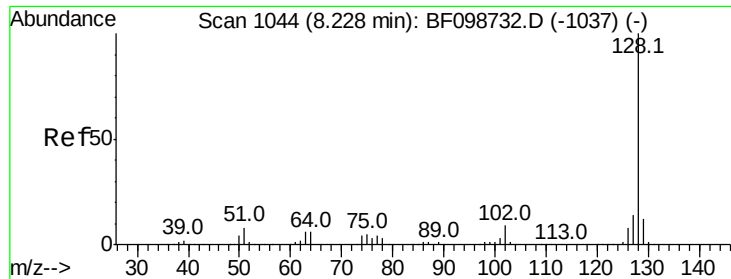
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	35.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.412 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 39.749 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampled :

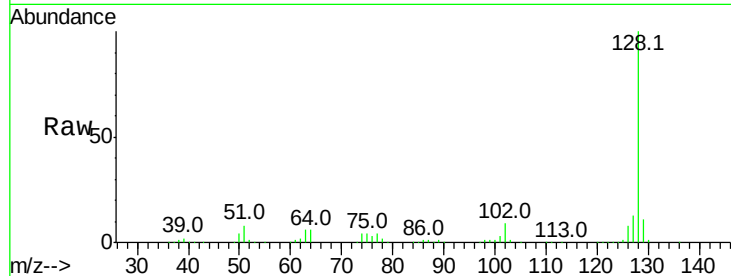
Tot Ion:128 Resp: 902145

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

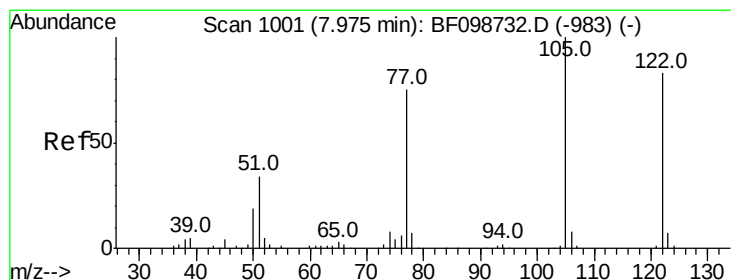
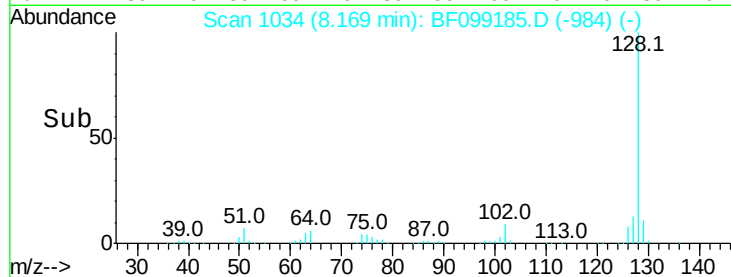
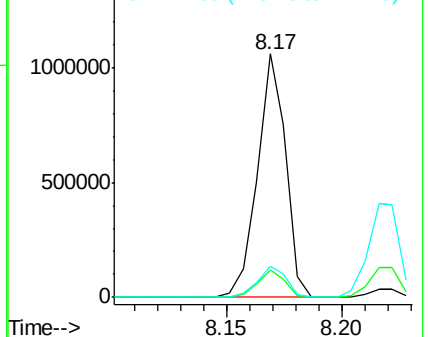
127 13.0 10.9 16.3



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: 3.156 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

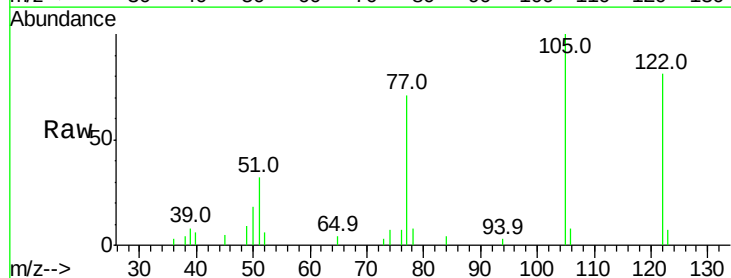
Tgt Ion:122 Resp: 20121

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

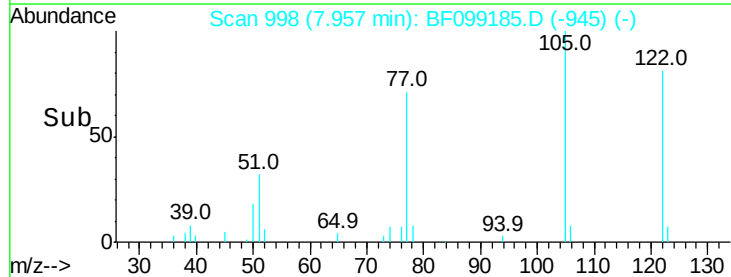
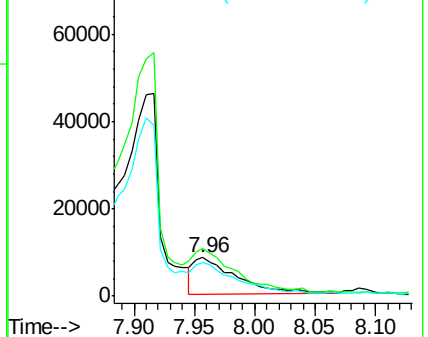
77 88.2 70.7 110.7

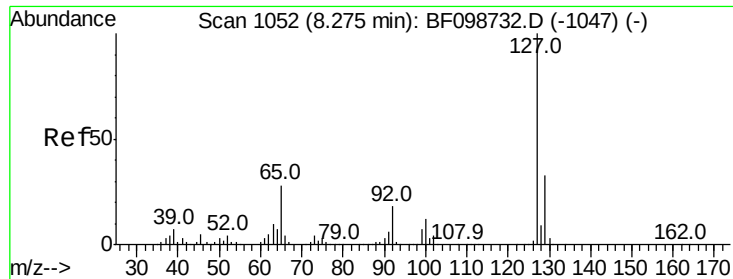


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

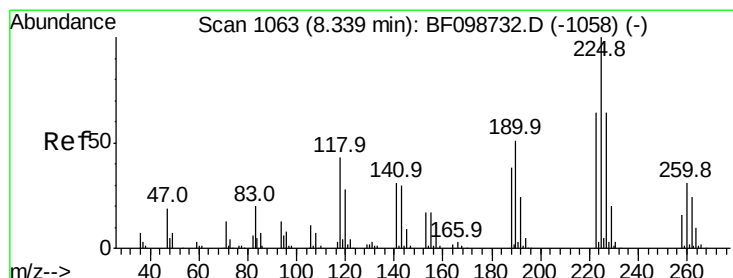
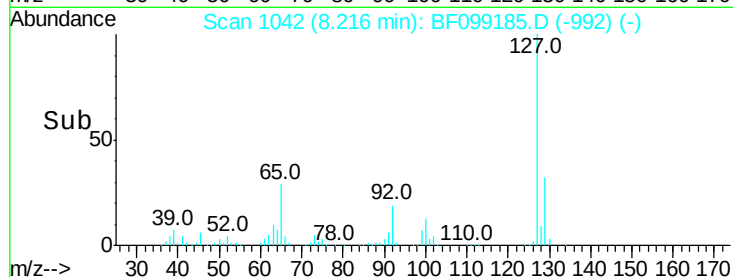
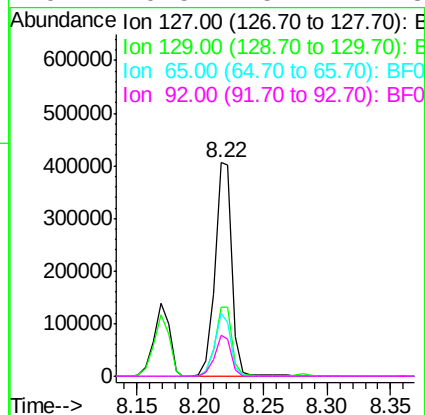
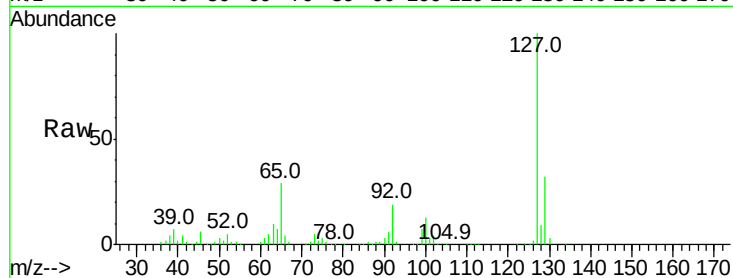




#33
4-Chloroaniline
Concen: 40.715 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

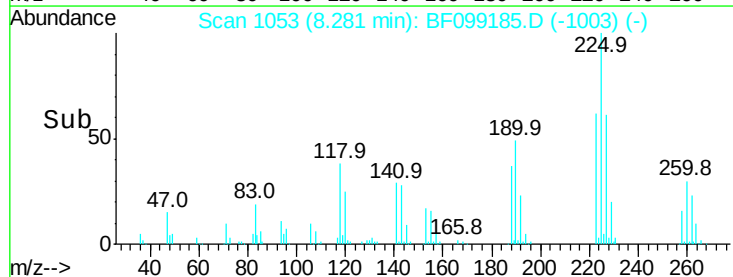
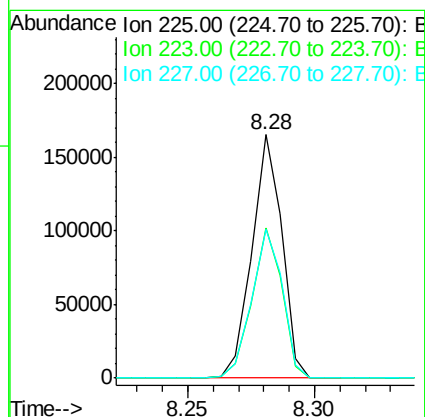
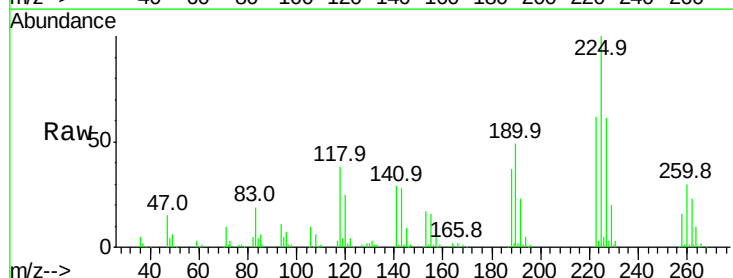
Instrument :
BNA_F
ClientSampleId :

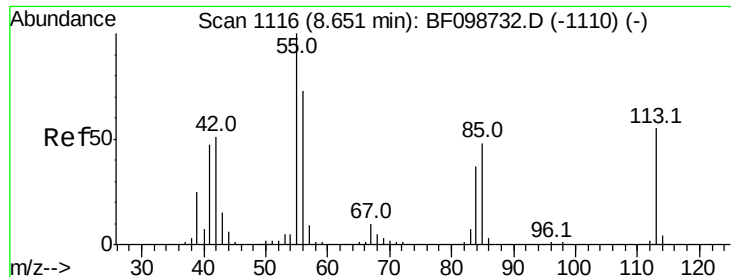
Tot Ion:	127	Resp:	385893
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.5	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.682 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:	225	Resp:	136246
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	60.9	51.9	77.9





#35

Caprolactam

Concen: 40.532 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampled :

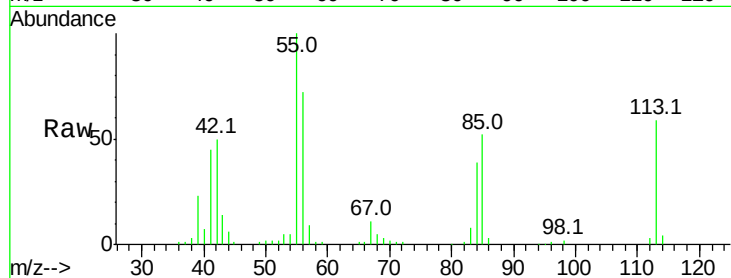
Tot Ion:113 Resp: 86654

Ion Ratio Lower Upper

113 100

55 170.5 163.3 203.3

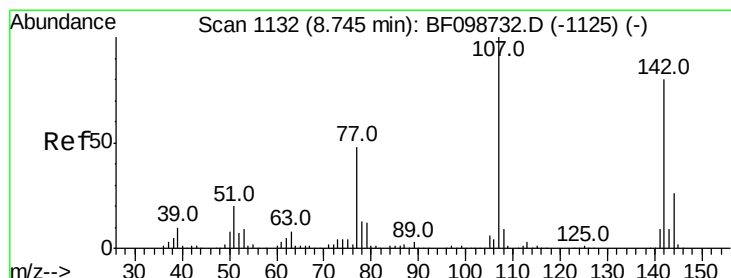
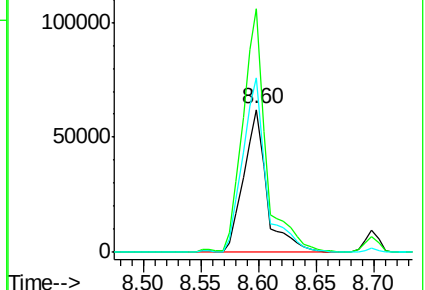
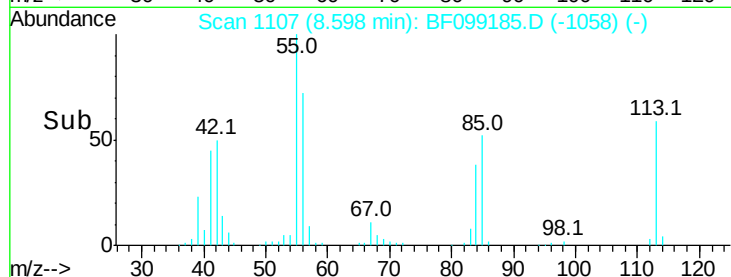
56 122.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.764 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

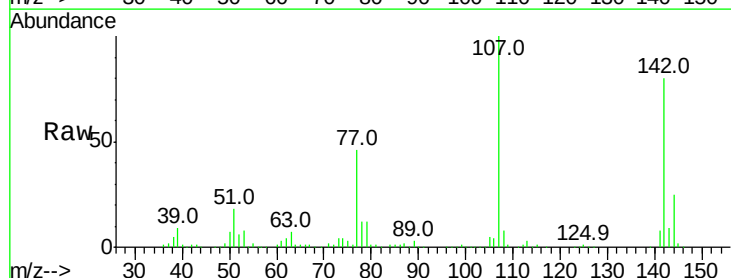
Tgt Ion:107 Resp: 297880

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

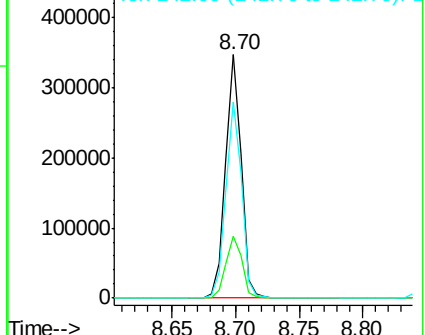
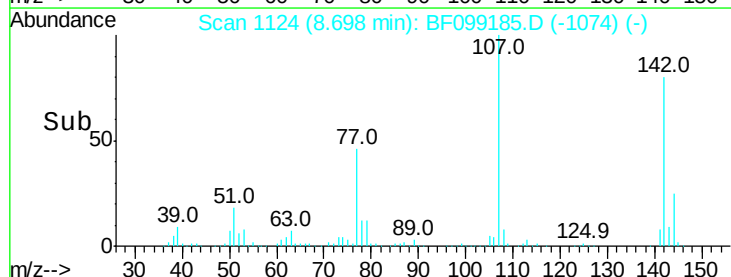
142 80.4 62.0 93.0

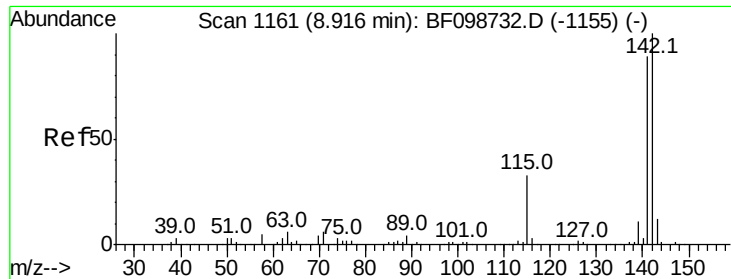


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

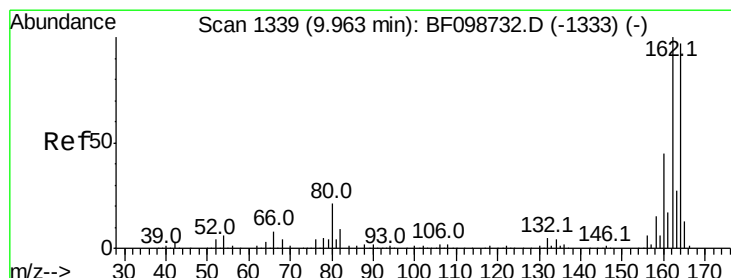
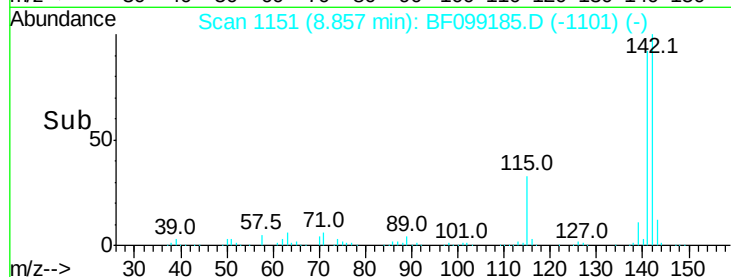
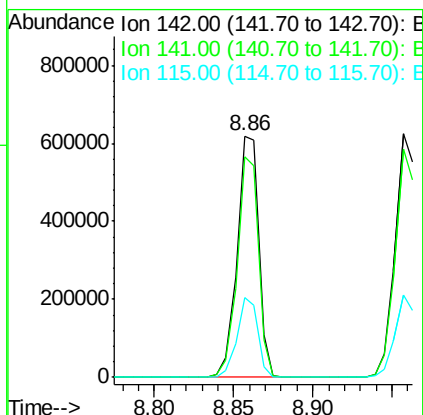
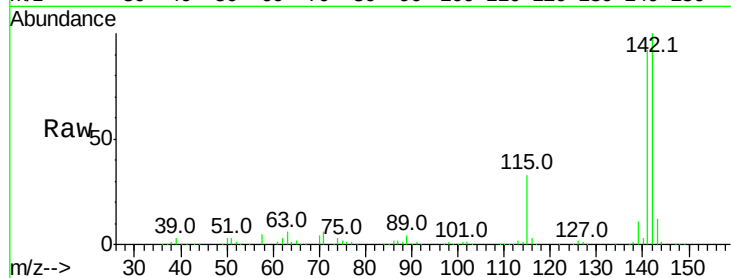




#37
2-Methylnaphthalene
Concen: 39.644 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

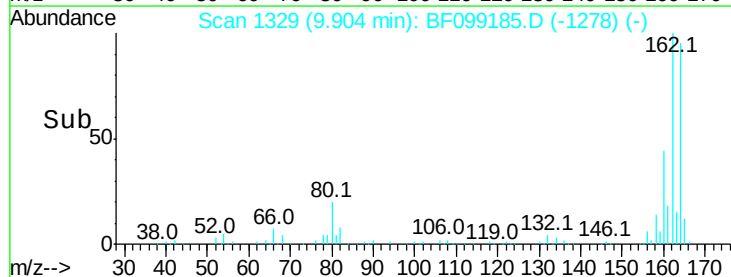
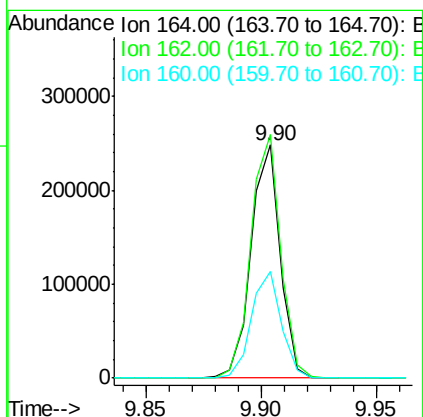
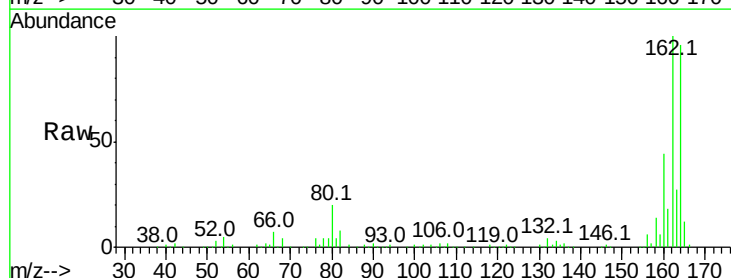
Instrument :
BNA_F
ClientSampleId :

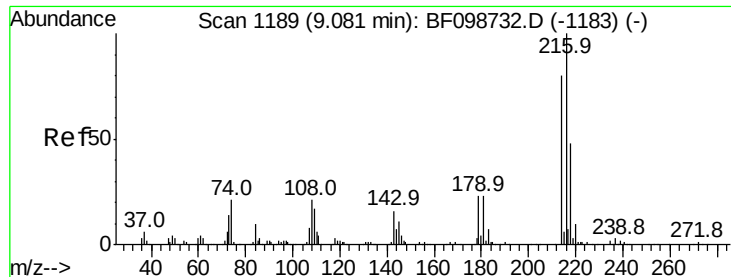
Tot Ion:142 Resp: 584923
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2
115 33.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:164 Resp: 219588
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.0 38.3 57.5

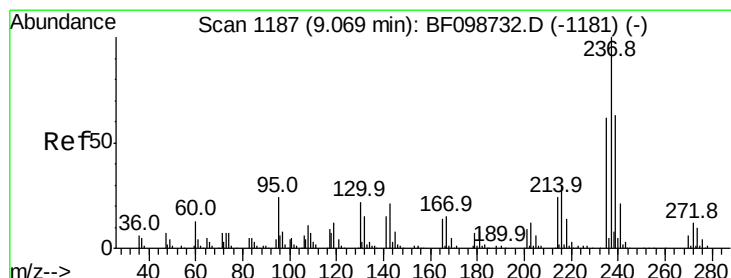
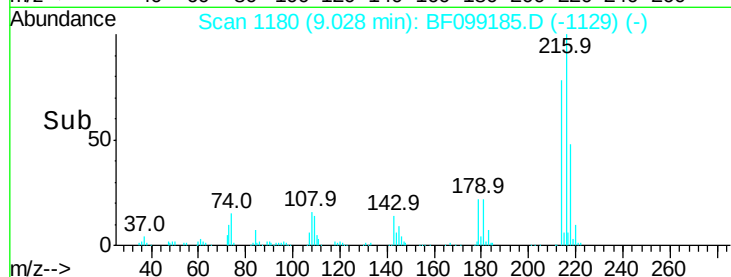
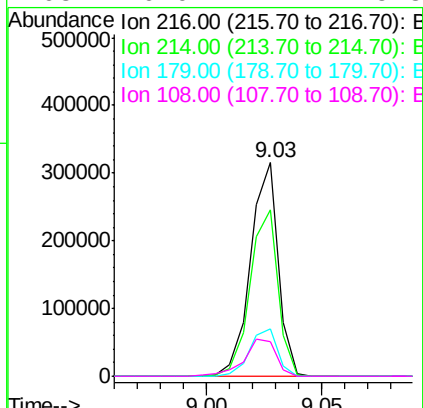
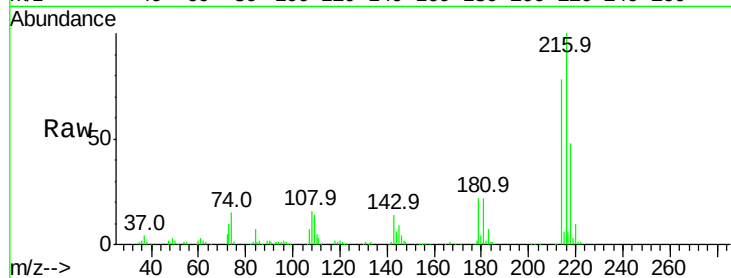




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.446 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

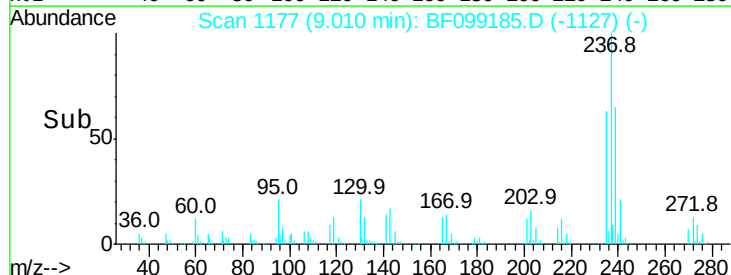
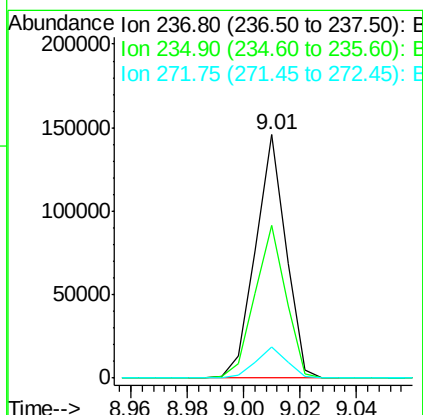
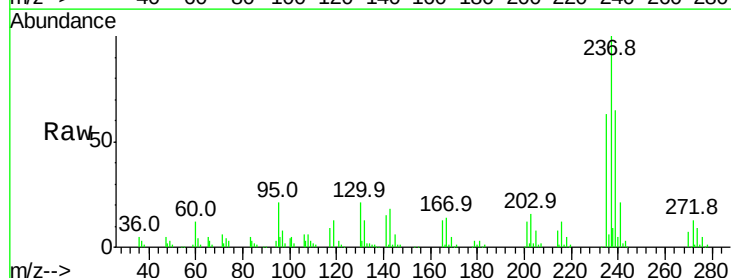
Instrument :
 BNA_F
 ClientSampled :

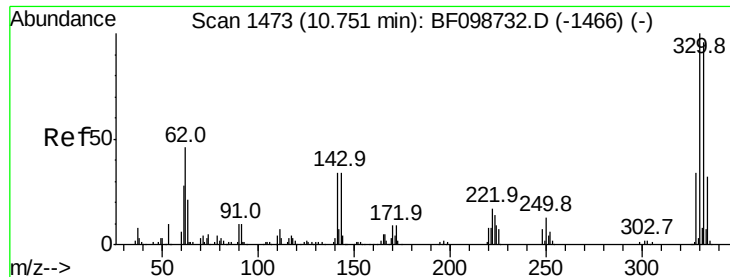
Tot Ion:	216	Resp:	264873
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.8	18.1	27.1
108	20.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 36.576 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:	237	Resp:	109462
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	12.9	0.0	33.3

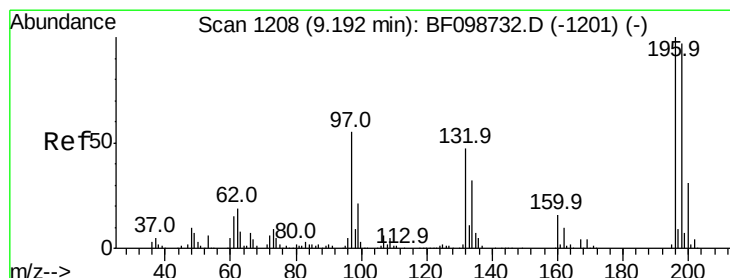
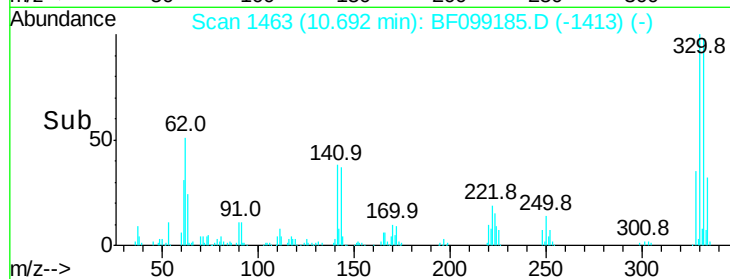
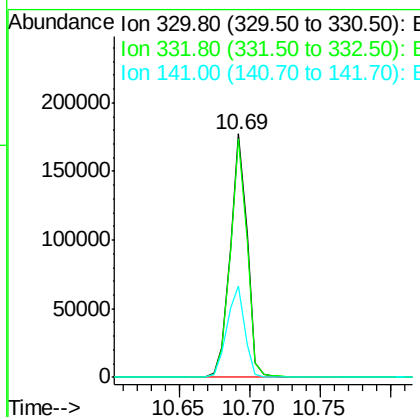
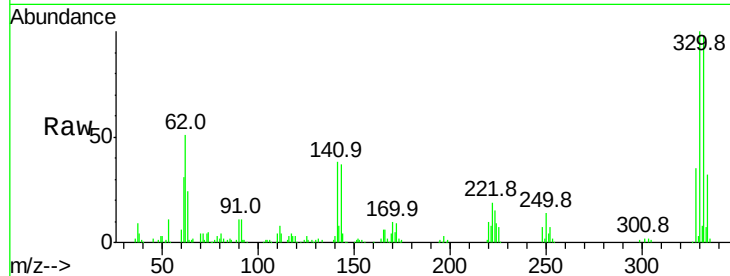




#41
 2,4,6-Tribromophenol
 Concen: 82.334 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

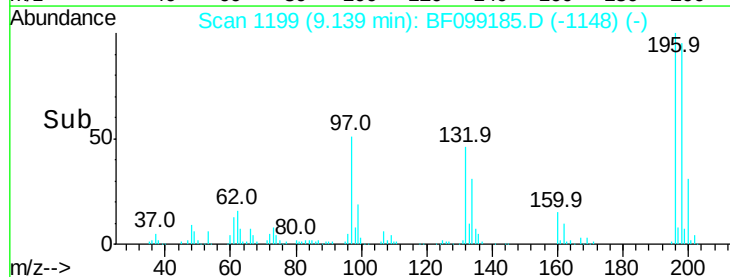
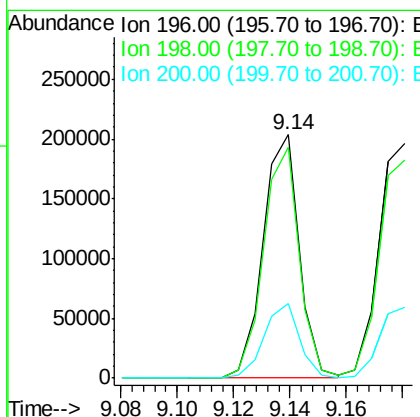
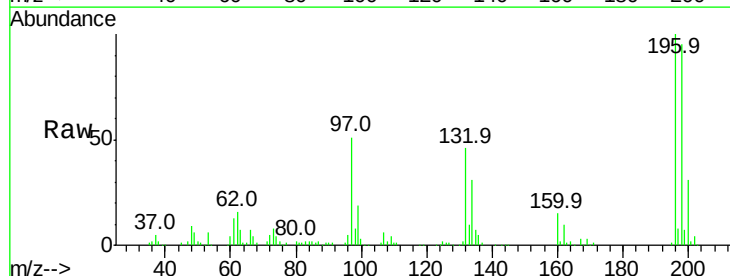
Instrument :
 BNA_F
 ClientSampleId :

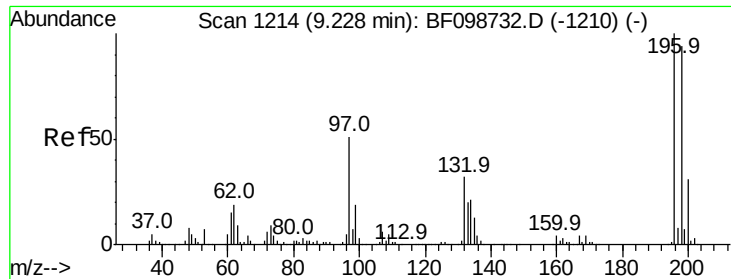
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	40.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.929 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.5	24.5	36.7

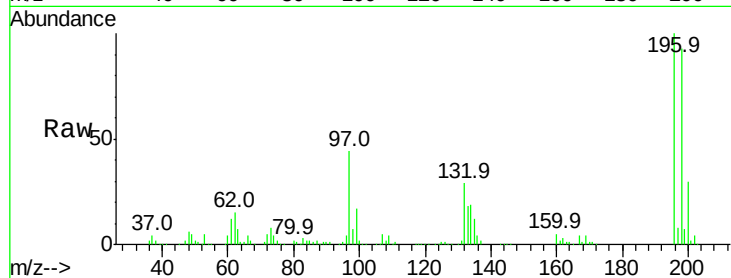




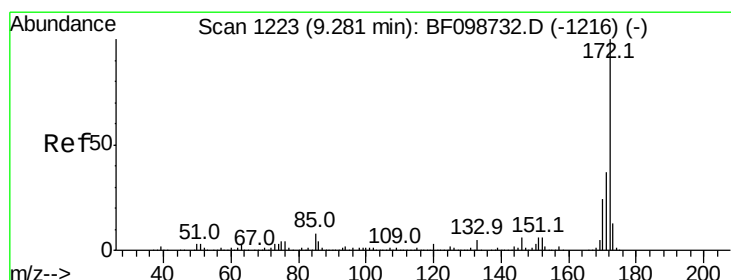
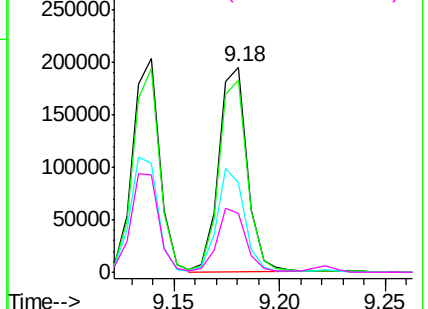
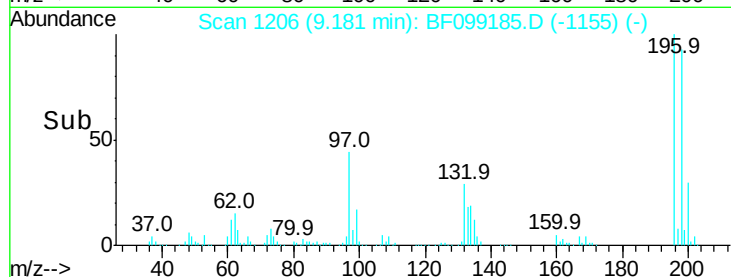
#43
 2,4,5-Trichlorophenol
 Concen: 39.308 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 182044
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.6 112.0
 97 43.5 42.9 64.3
 132 29.0 26.3 39.5

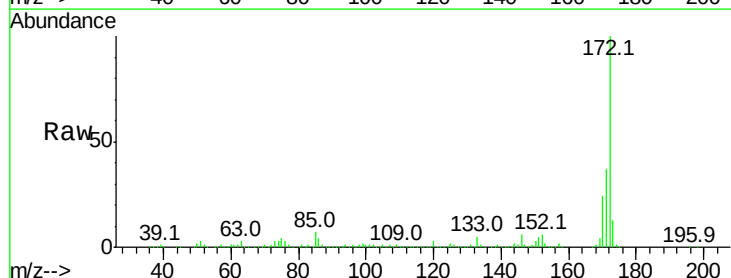


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

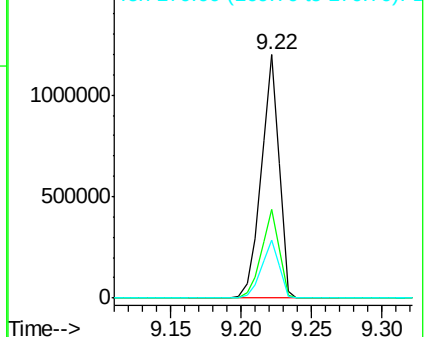
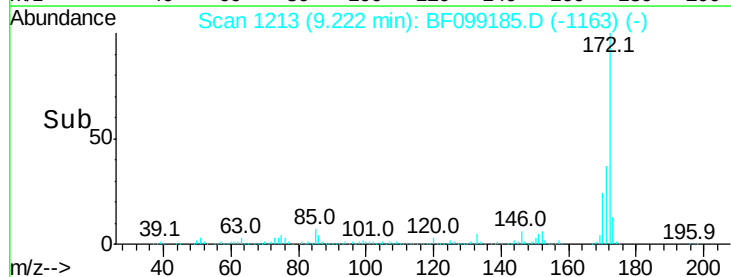


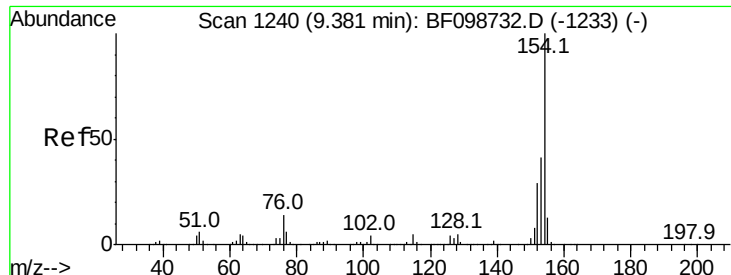
#44
 2-Fluorobiphenyl
 Concen: 81.824 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:172 Resp: 1076277
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.0 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

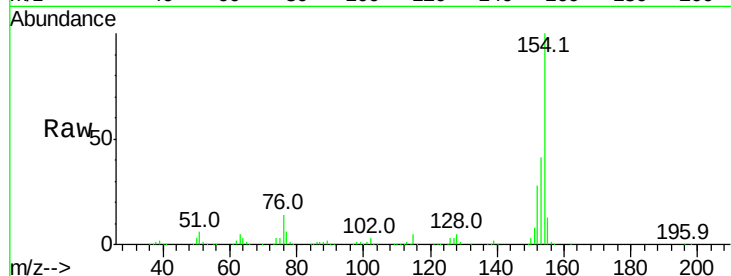




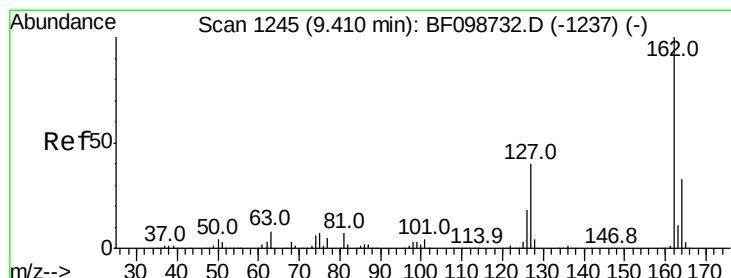
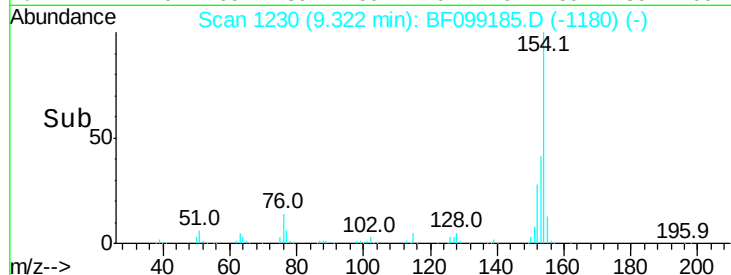
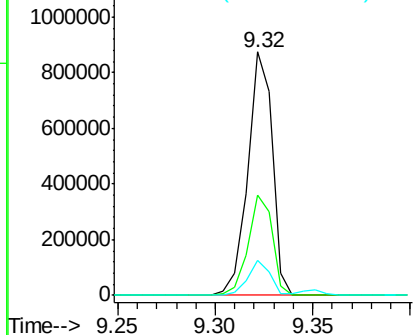
#45
1,1'-Biphenyl
Concen: 40.249 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.4	0.0	34.0

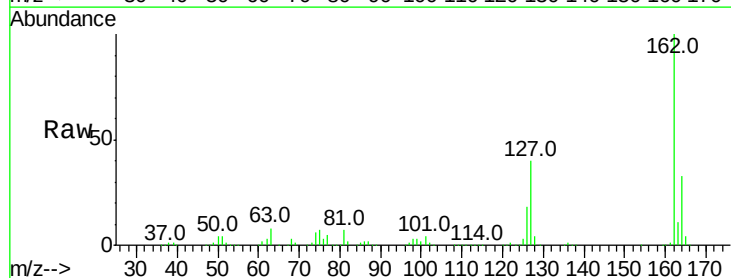


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

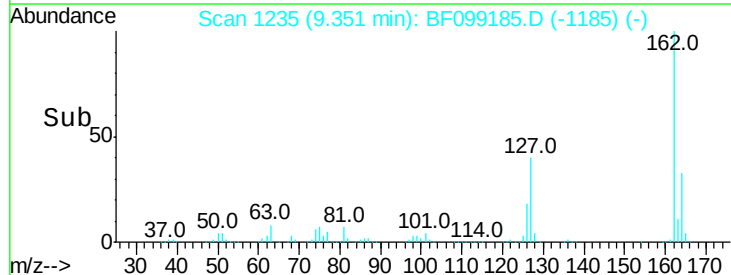
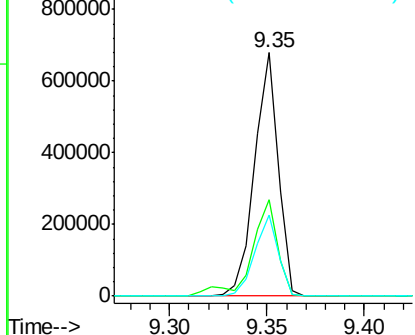


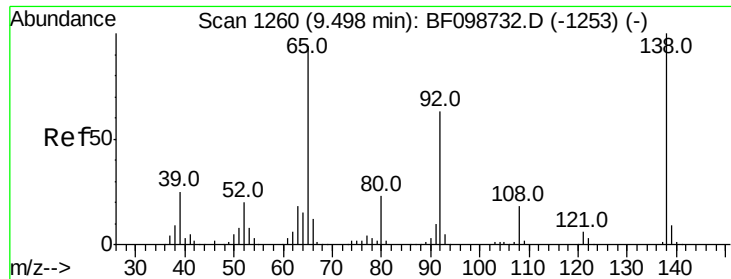
#46
2-Chloronaphthalene
Concen: 40.247 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.2	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

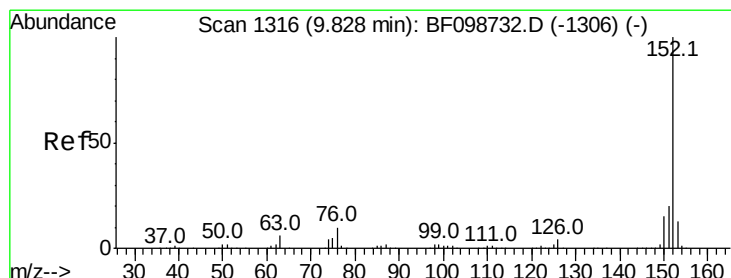
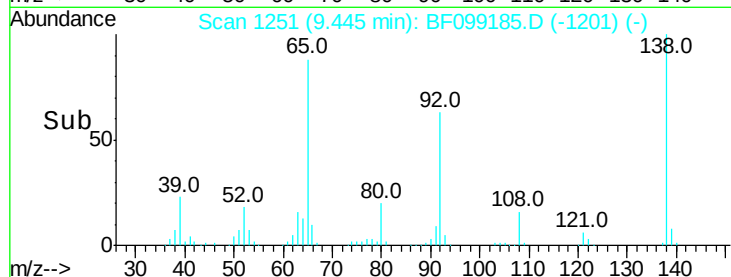
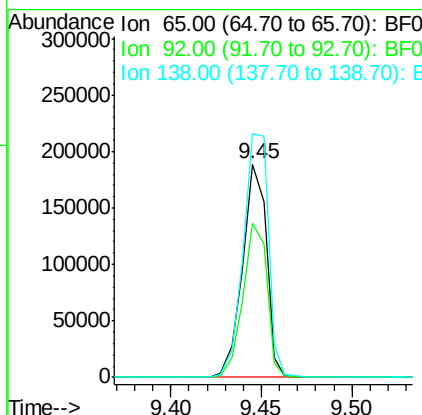
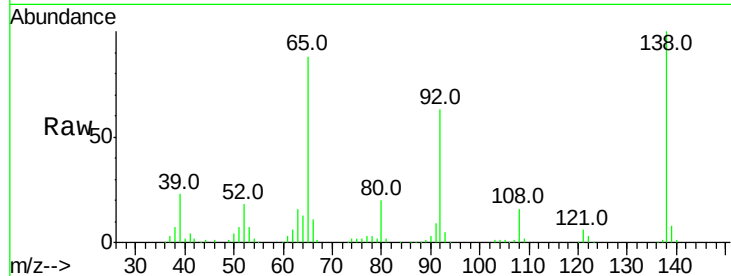




#47
2-Nitroaniline
Concen: 39.931 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

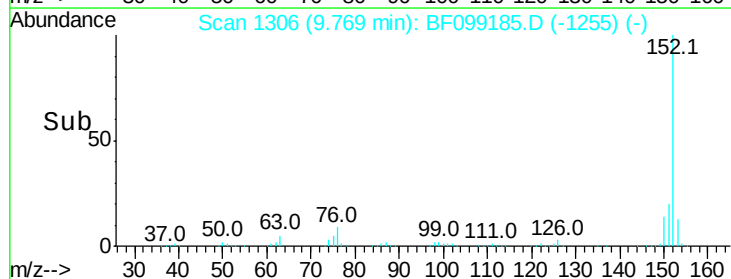
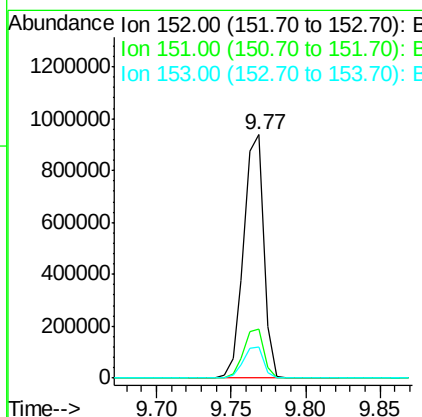
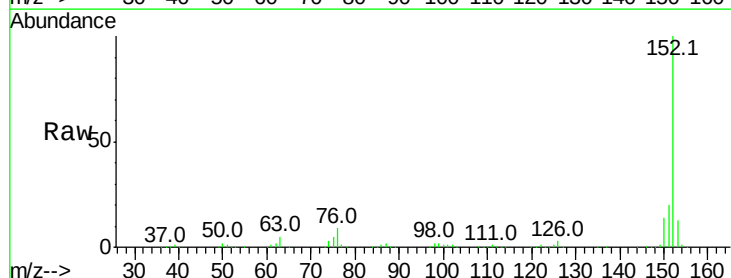
Instrument :
BNA_F
ClientSampled :

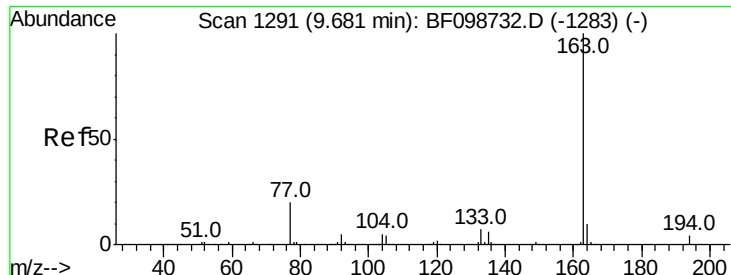
Tot Ion: 65 Resp: 173250
Ion Ratio Lower Upper
65 100
92 72.4 55.8 83.6
138 114.2 91.2 136.8



#48
Acenaphthylene
Concen: 40.529 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:152 Resp: 879138
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.7 10.7 16.1

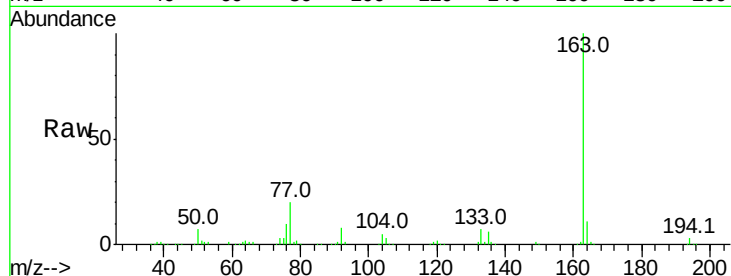




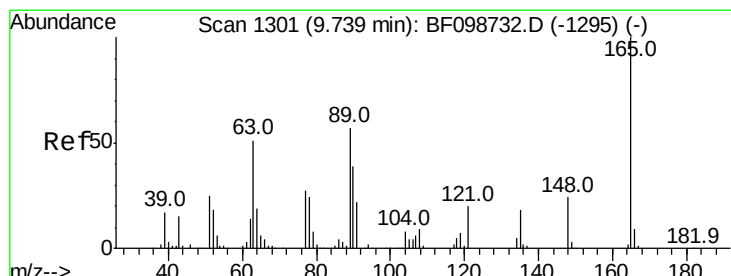
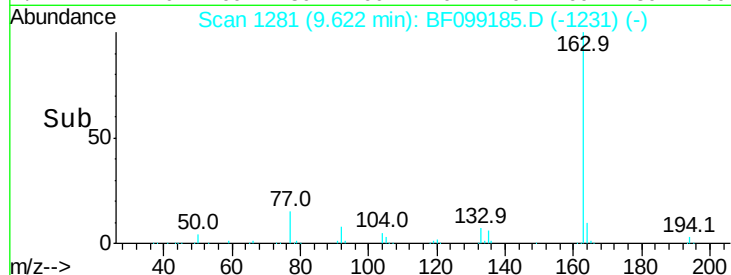
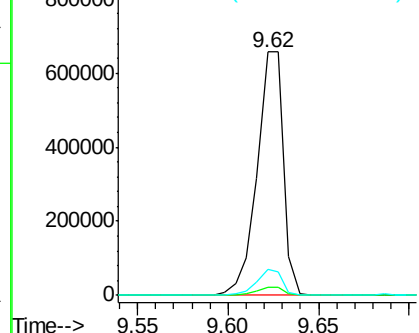
#49
Dimethylphthalate
Concen: 40.011 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 663107
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

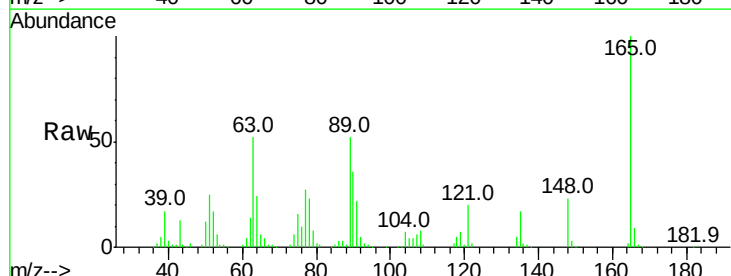


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

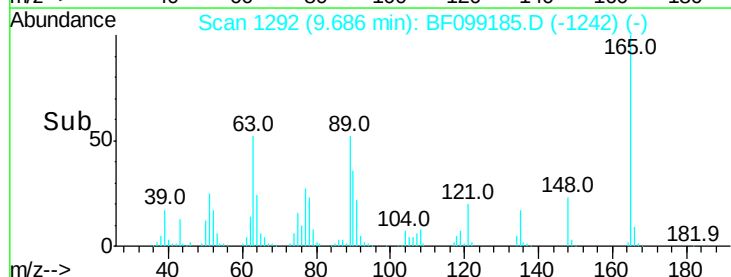
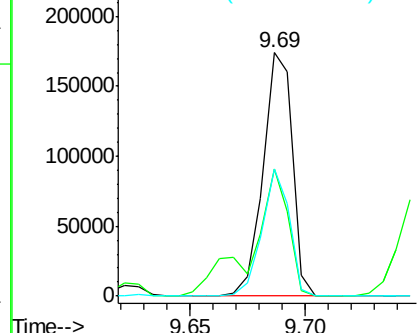


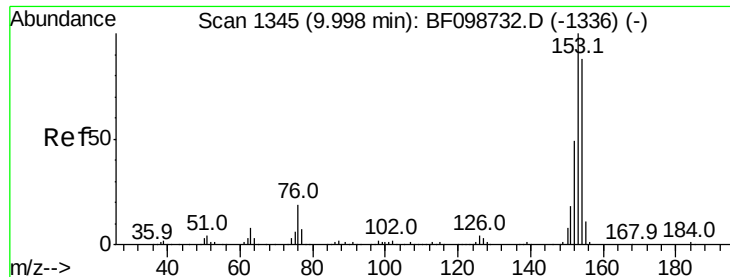
#50
2,6-Dinitrotoluene
Concen: 42.686 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:165 Resp: 154015
Ion Ratio Lower Upper
165 100
63 52.2 44.7 67.1
89 52.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.695 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

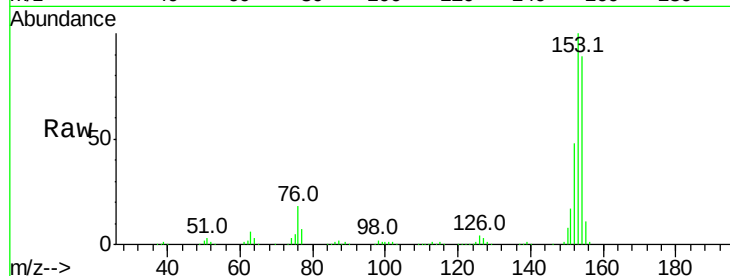
Tot Ion:154 Resp: 517953

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

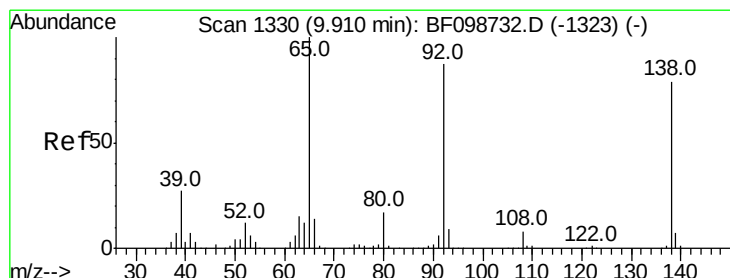
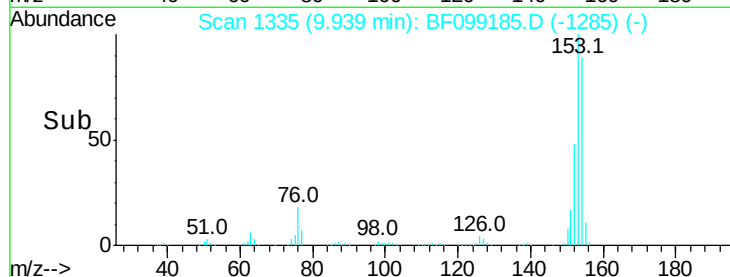
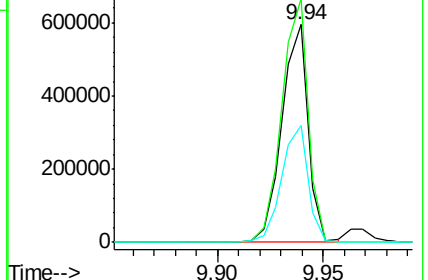
152 53.8 43.8 65.8



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: 43.141 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

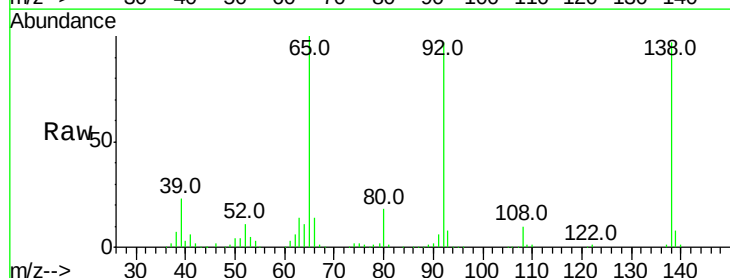
Tgt Ion:138 Resp: 181499

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

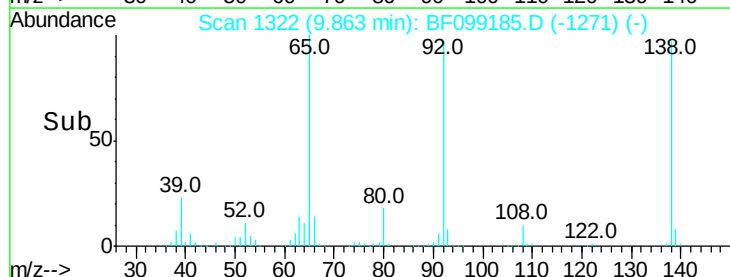
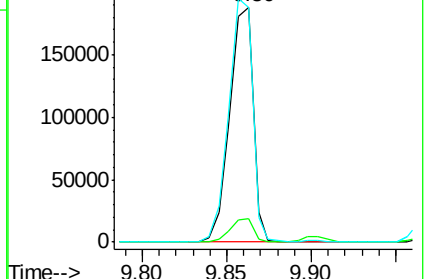
92 100.2 89.4 134.2

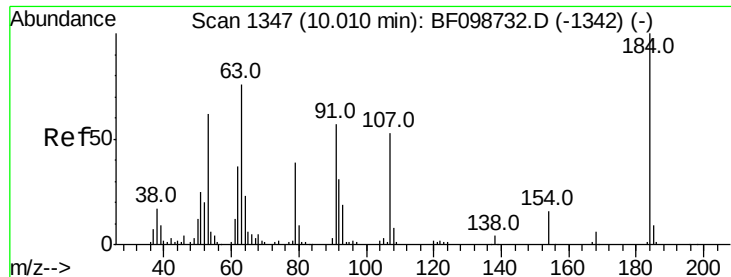


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

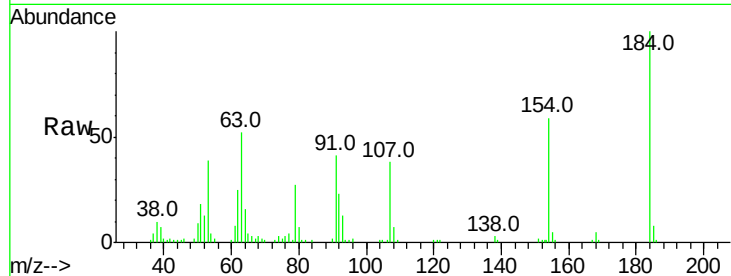




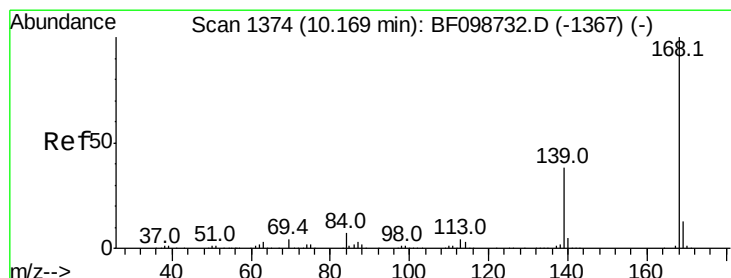
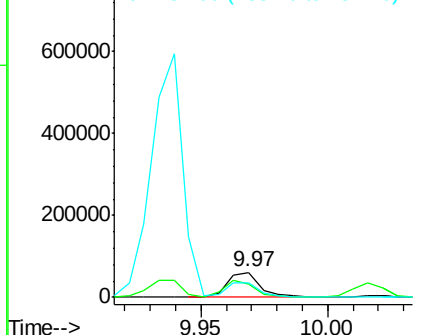
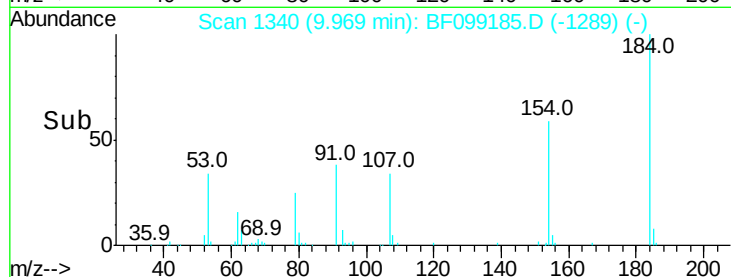
#53
2,4-Dinitrophenol
Concen: 33.545 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 56157
Ion Ratio Lower Upper
184 100
63 51.7 54.2 81.2#
154 59.0 53.5 80.3

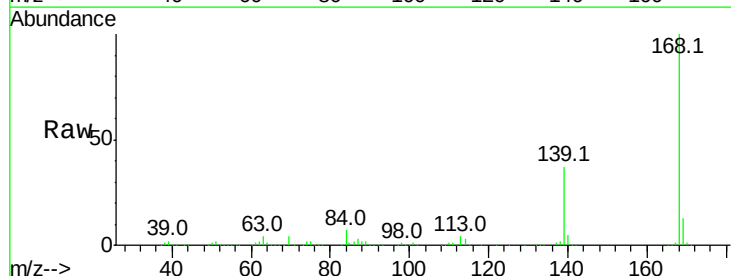


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

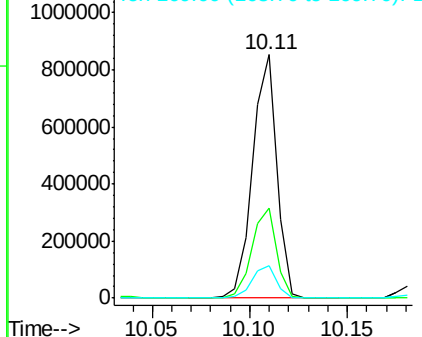
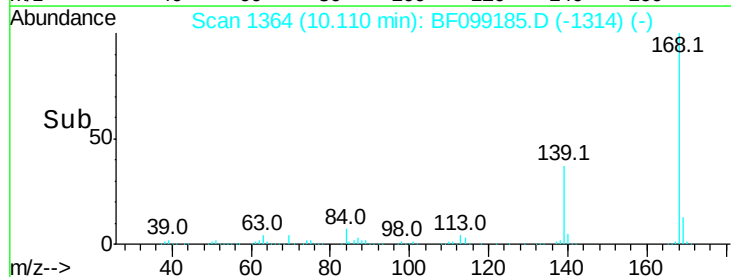


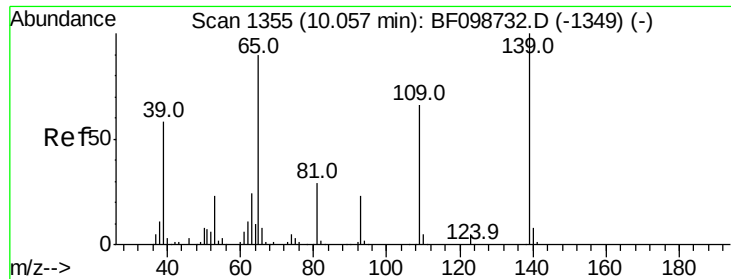
#54
Dibenzofuran
Concen: 40.015 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:168 Resp: 732065
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.4 10.9 16.3



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

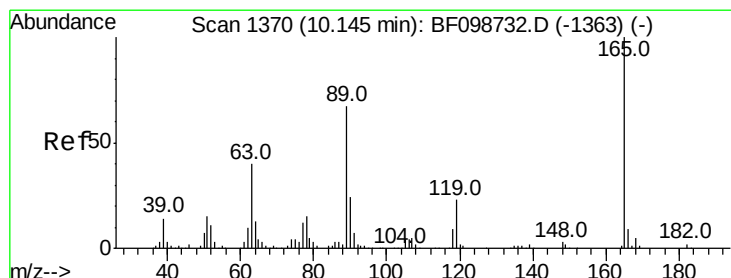
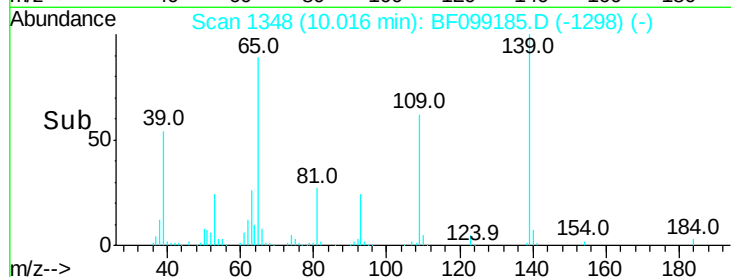
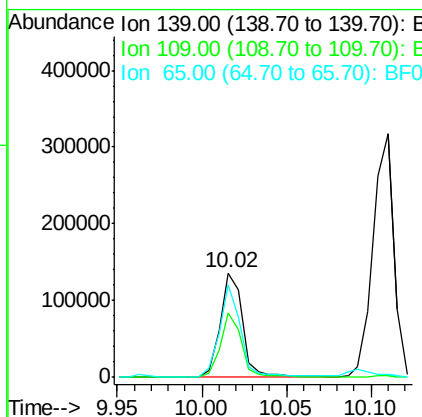
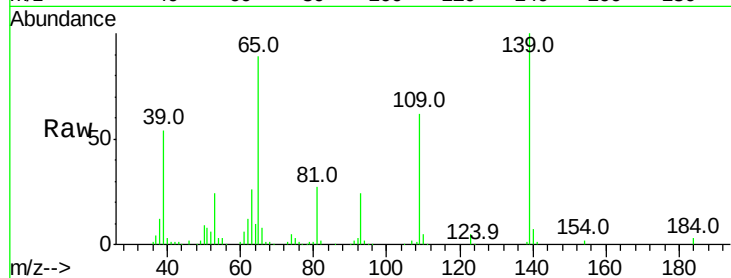




#55
4-Nitrophenol
Concen: 35.938 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

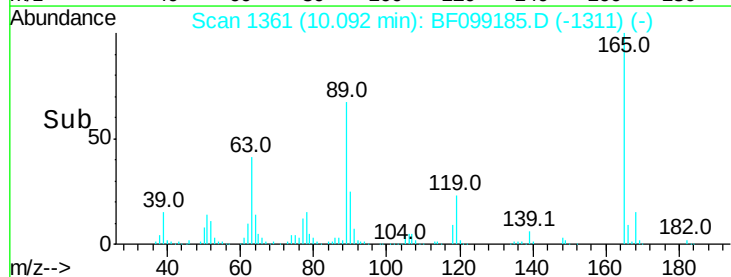
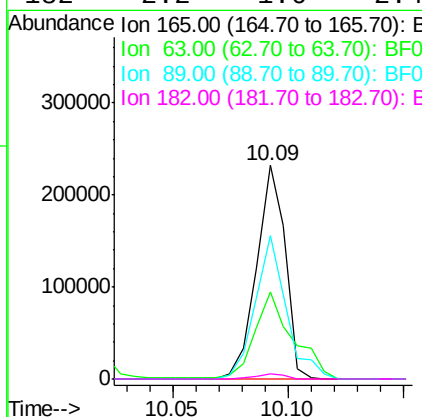
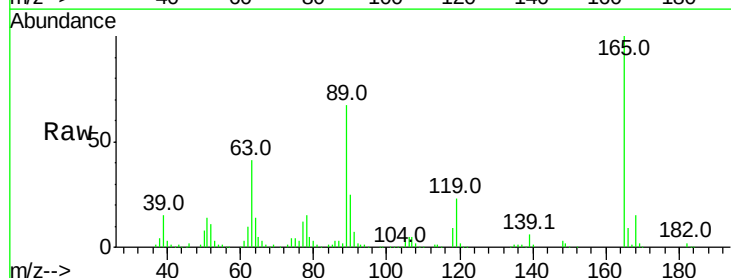
Instrument :
BNA_F
ClientSampled :

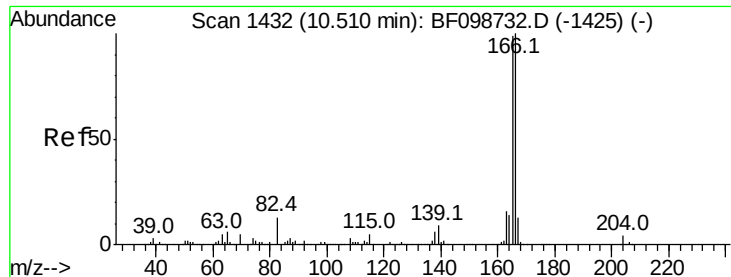
Tot Ion:139 Resp: 127846
Ion Ratio Lower Upper
139 100
109 61.9 48.4 88.4
65 88.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.040 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:165 Resp: 201542
Ion Ratio Lower Upper
165 100
63 40.6 36.4 54.6
89 67.0 57.8 86.6
182 2.2 1.6 2.4

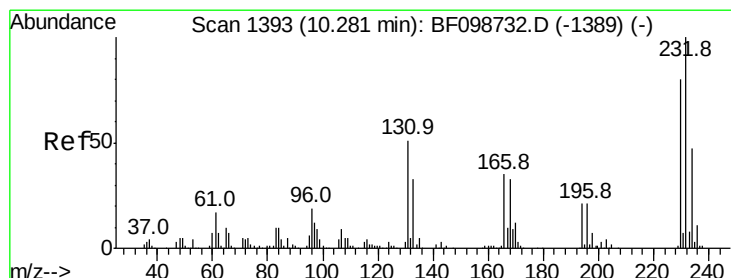
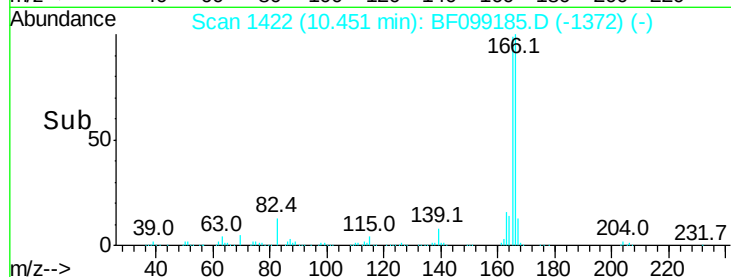
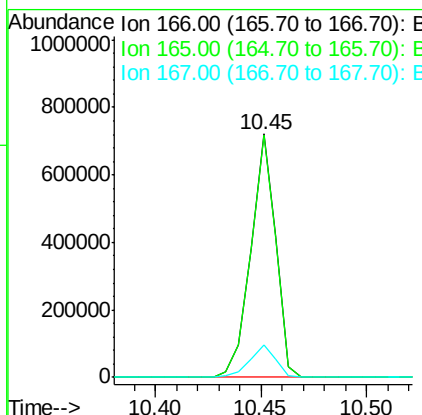
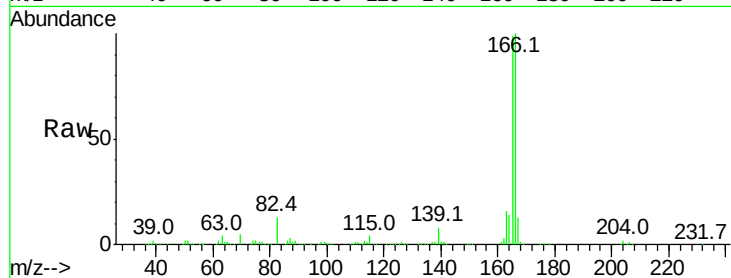




#57
 Fluorene
 Concen: 40.096 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

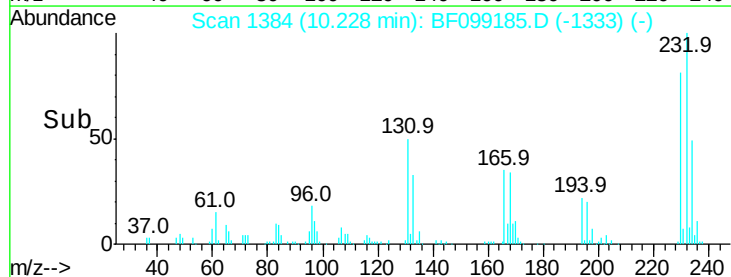
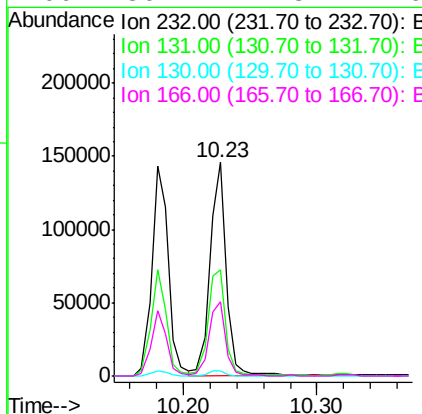
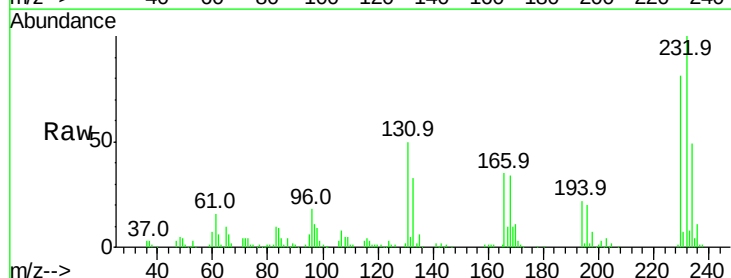
Instrument :
 BNA_F
 ClientSampleId :

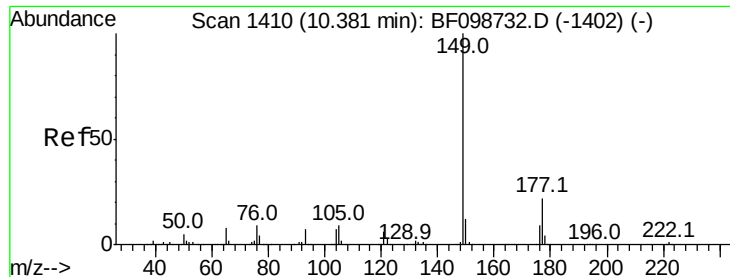
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.768 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.9	43.8	65.8
130	2.5	2.1	3.1
166	36.7	27.8	41.6

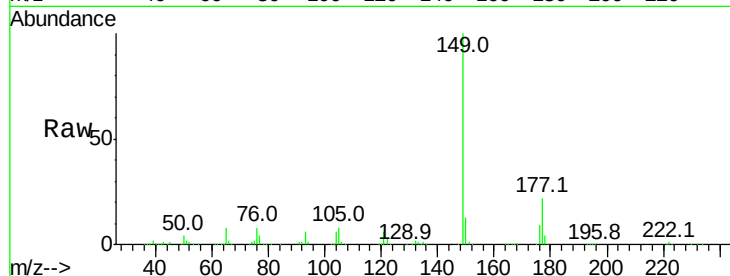




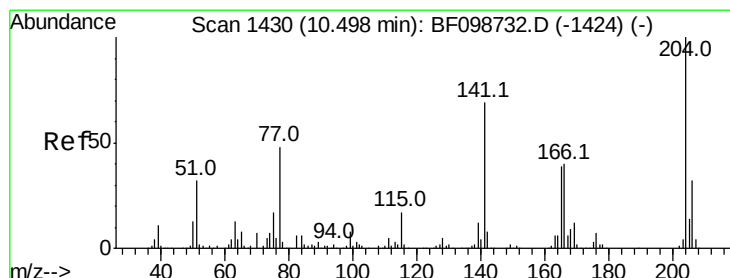
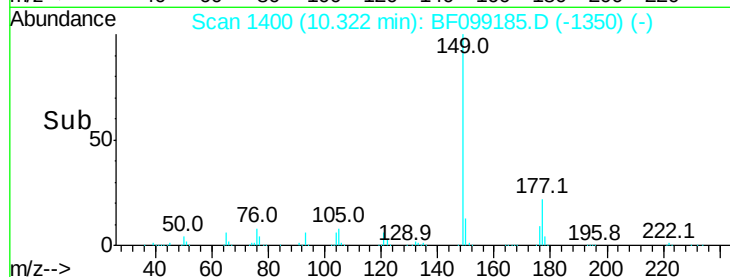
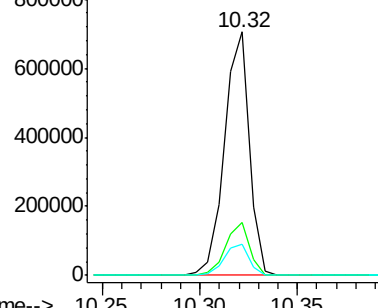
#59
Diethylphthalate
Concen: 38.314 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 620480
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1

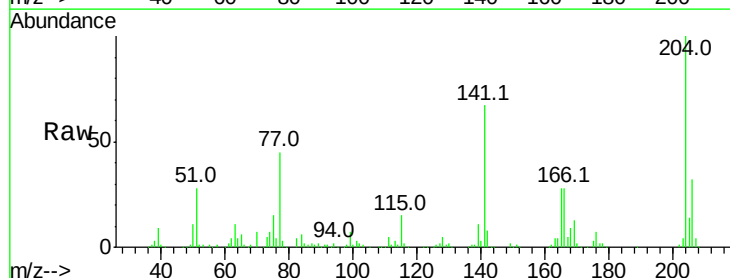


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

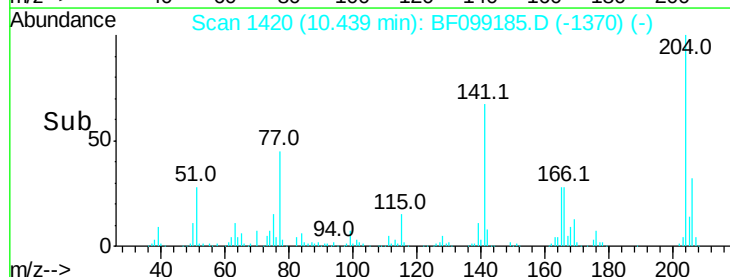
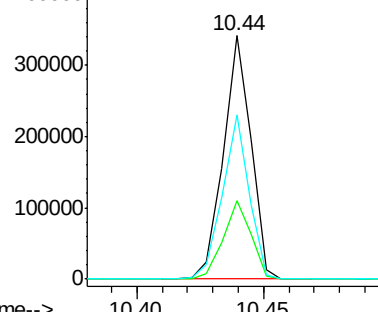


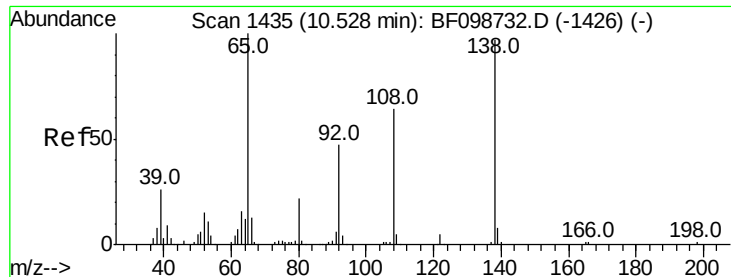
#60
4-Chlorophenyl-phenylether
Concen: 39.182 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:204 Resp: 258812
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 67.5 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

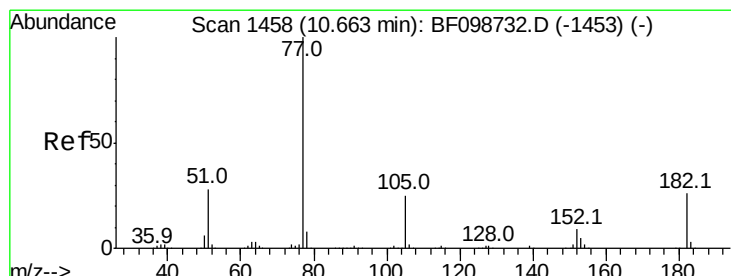
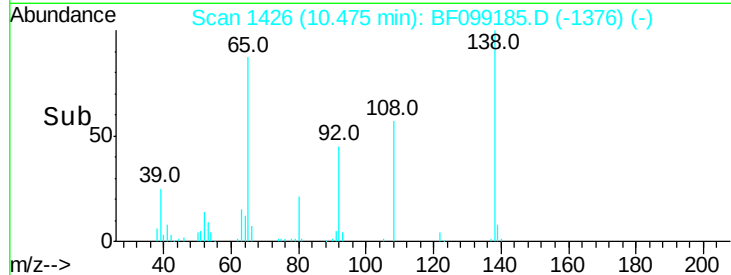
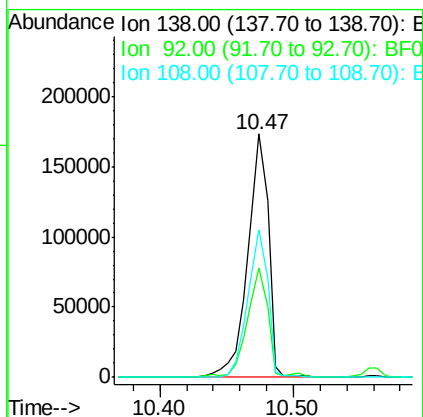
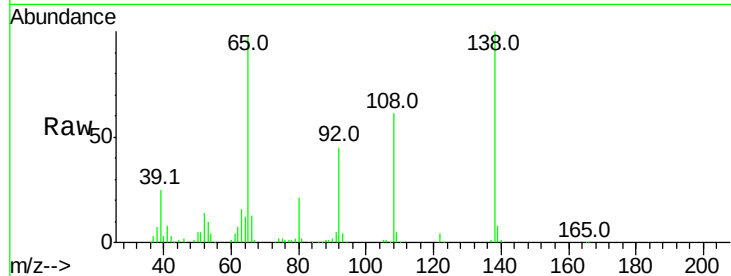




#61
4-Nitroaniline
Concen: 45.151 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

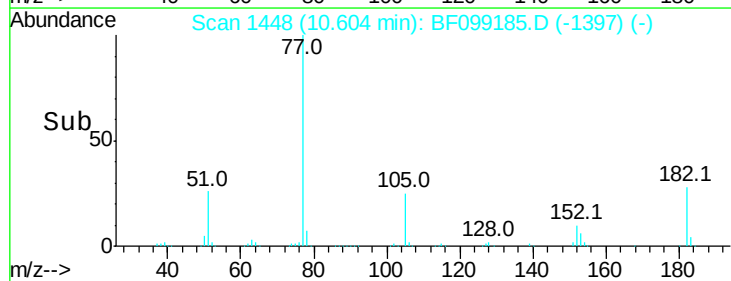
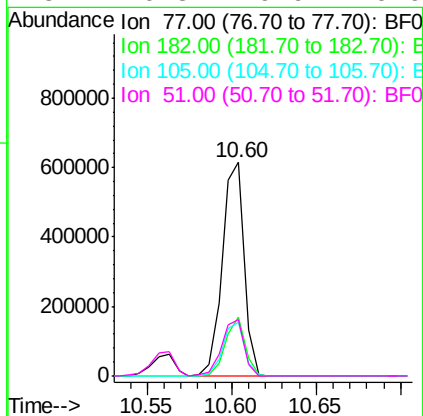
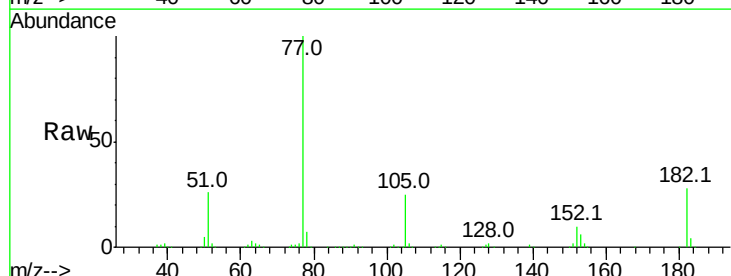
Instrument :
BNA_F
ClientSampled :

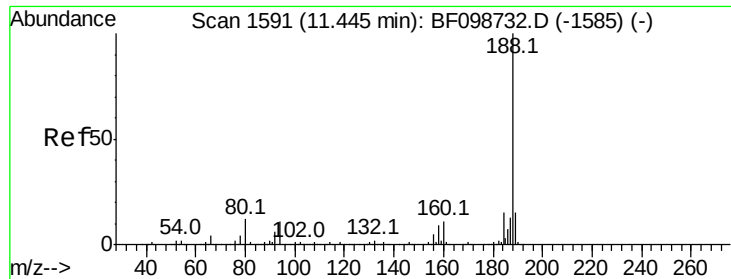
Tot Ion:138 Resp: 183259
Ion Ratio Lower Upper
138 100
92 45.0 30.2 70.2
108 60.7 52.5 92.5



#62
Azobenzene
Concen: 37.165 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion: 77 Resp: 553398
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 25.3 3.0 43.0
51 26.3 9.9 49.9

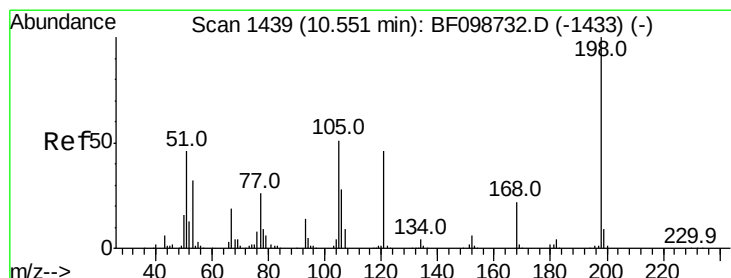
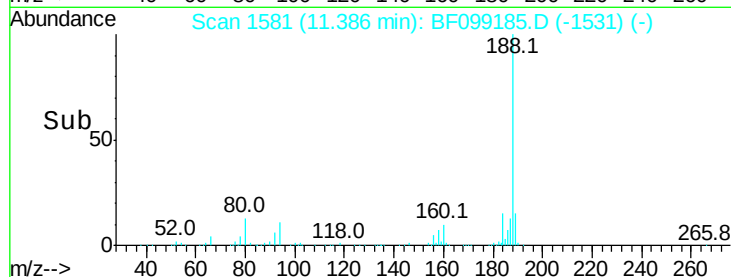
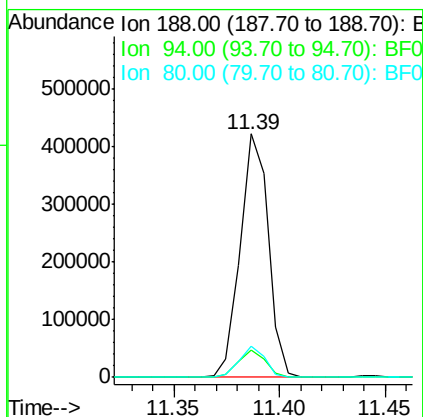
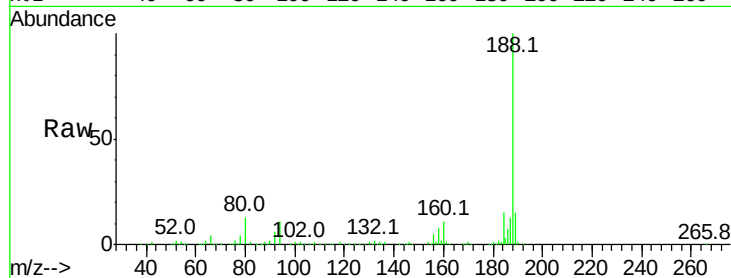




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

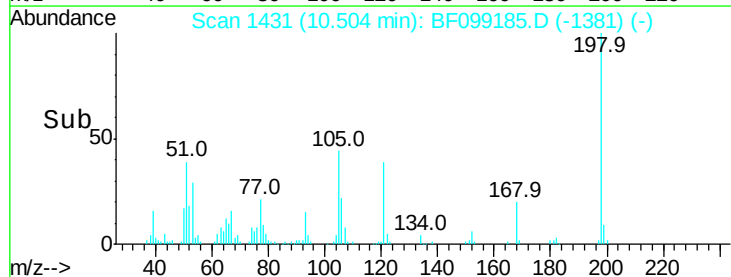
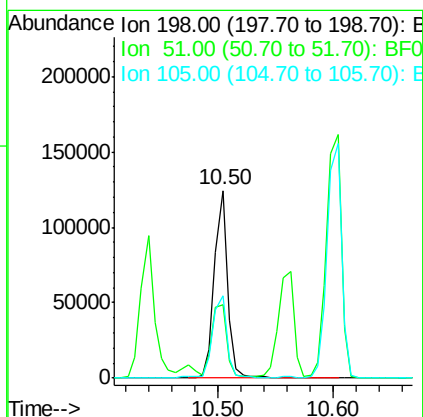
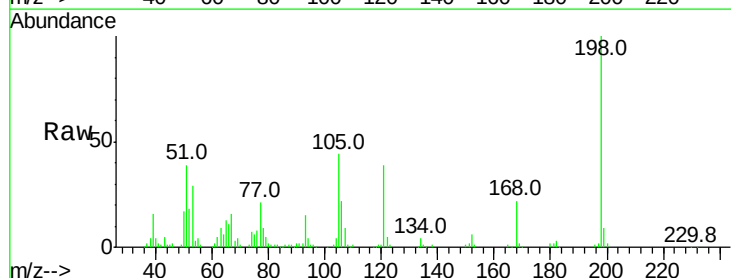
Instrument :
BNA_F
ClientSampled :

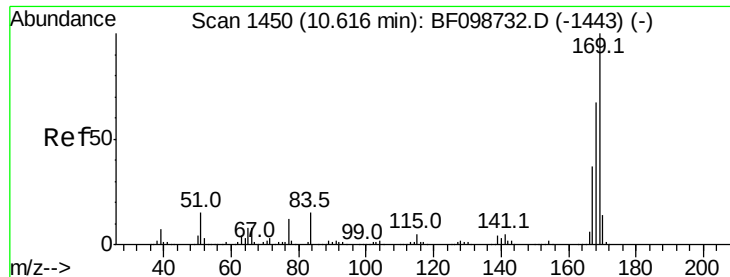
Tot Ion:188 Resp: 388668
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.083 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:198 Resp: 99515
Ion Ratio Lower Upper
198 100
51 39.2 37.7 77.7
105 44.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.886 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

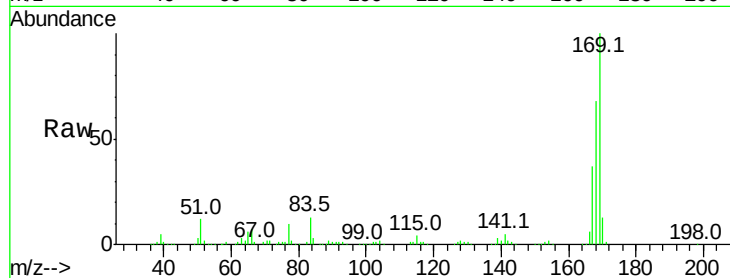
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 537057

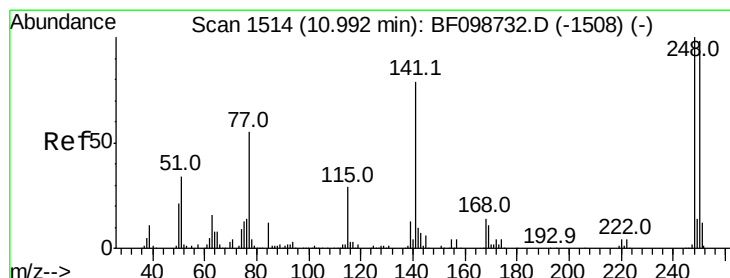
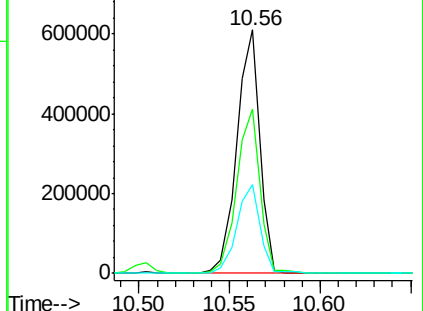
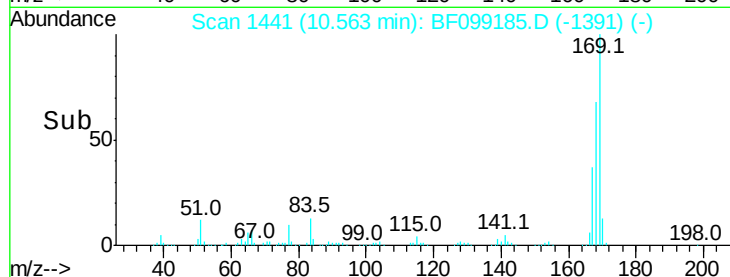
Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.5	29.8	44.6



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: 39.914 ng

RT: 10.93 min Scan# 1503

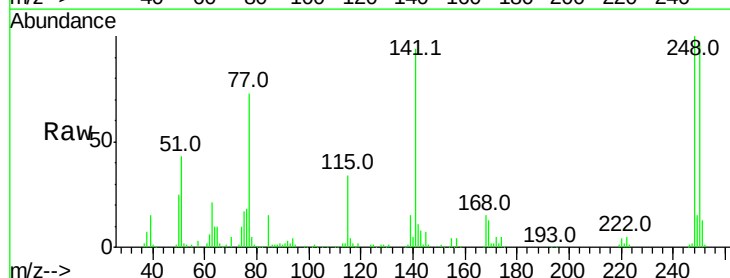
Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Tgt Ion:248 Resp: 151849

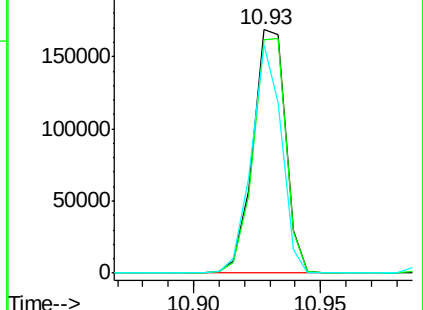
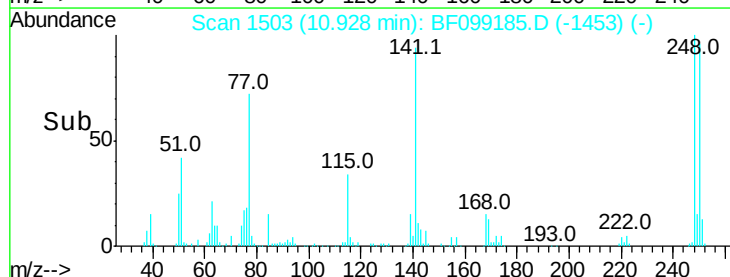
Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.9	115.3
141	93.9	74.4	111.6

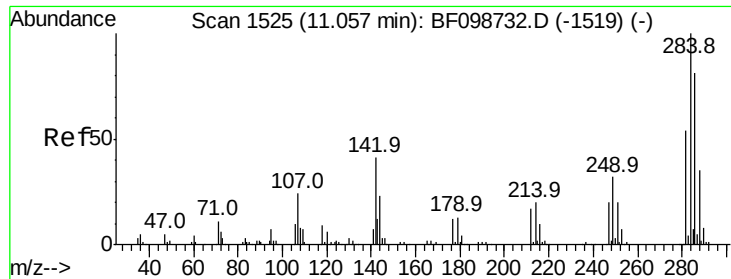


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.984 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

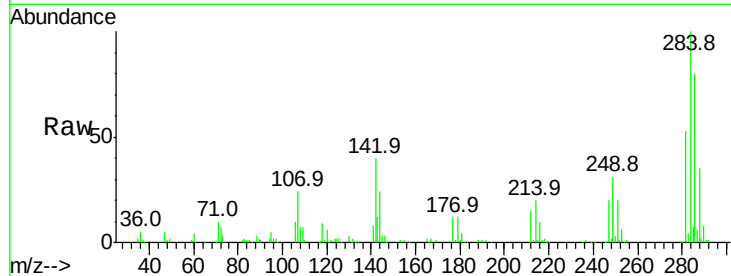
Tot Ion:284 Resp: 162466

Ion Ratio Lower Upper

284 100

142 39.9 34.6 52.0

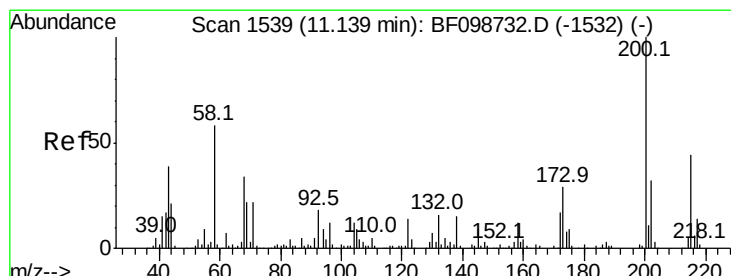
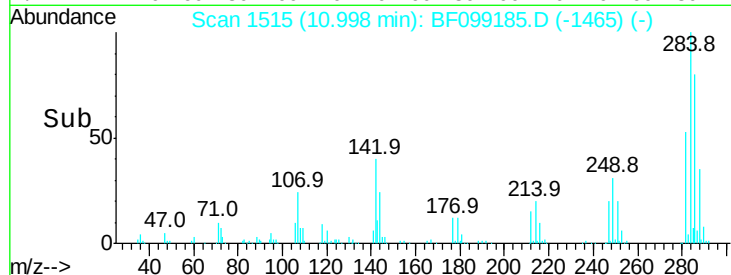
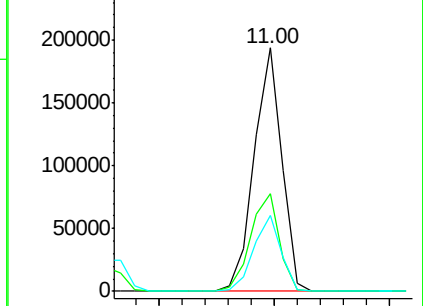
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.932 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

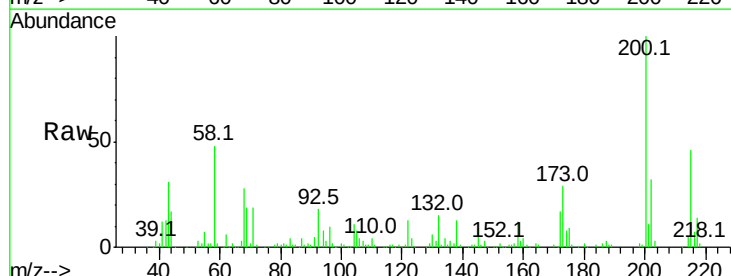
Tgt Ion:200 Resp: 161768

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

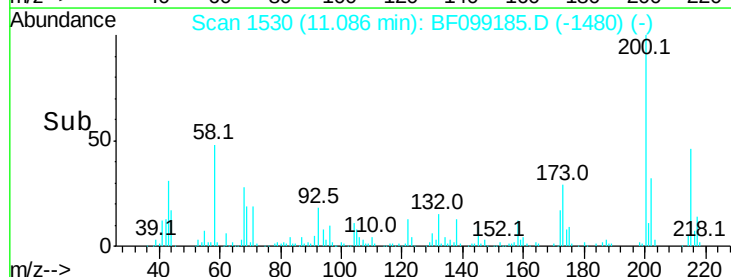
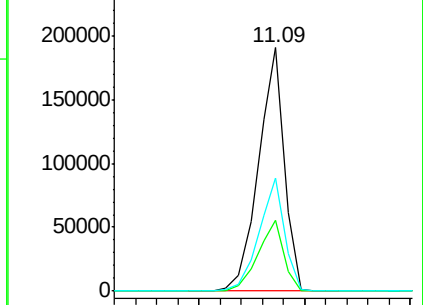
215 46.2 25.1 65.1

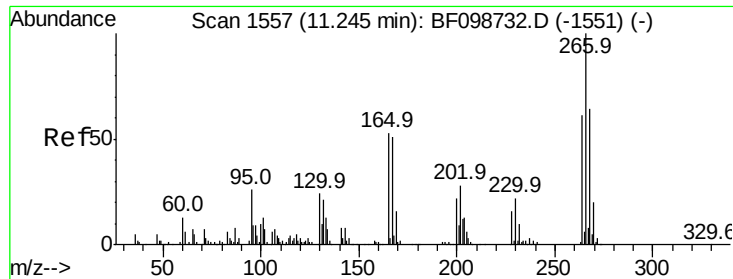


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

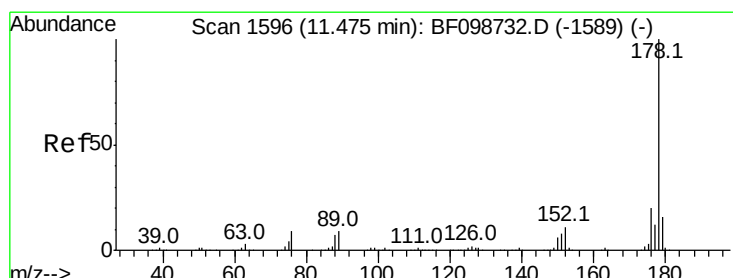
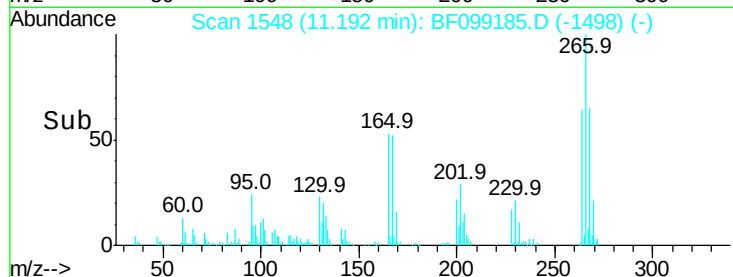
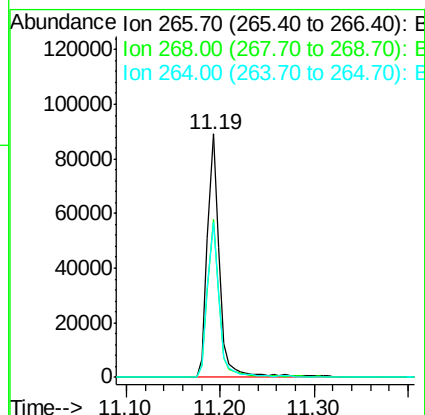
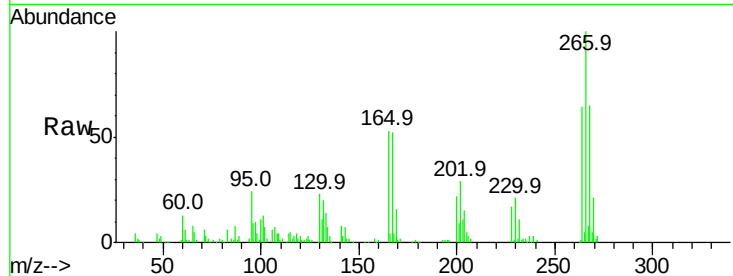




#69
 Pentachlorophenol
 Concen: 31.846 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

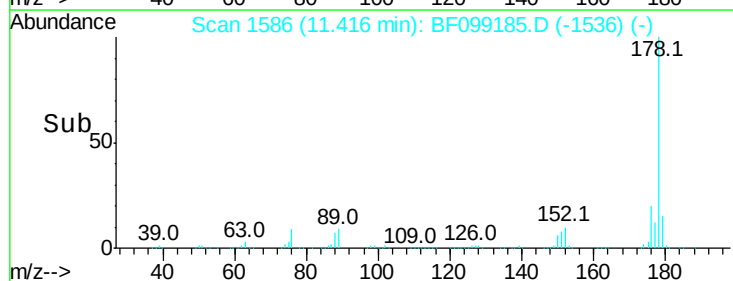
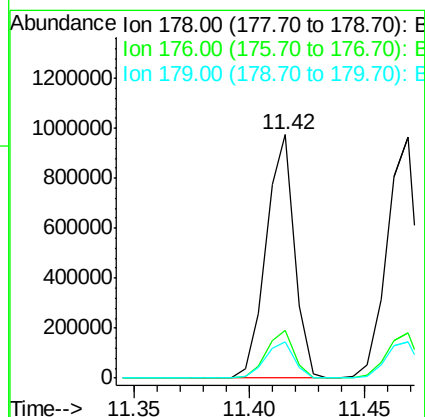
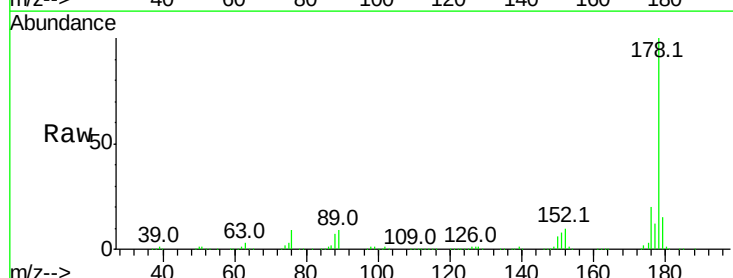
Instrument :
 BNA_F
 ClientSampled :

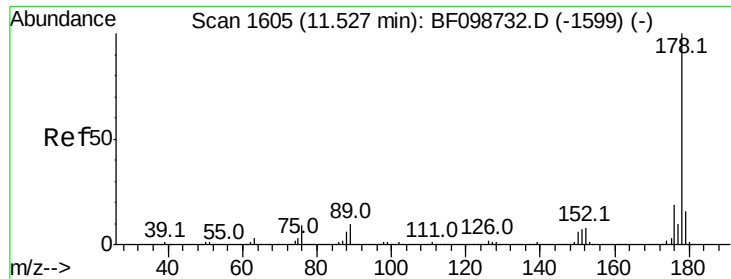
Tot Ion:266 Resp: 80532
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.9 49.5 74.3



#70
 Phenanthrene
 Concen: 39.959 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:178 Resp: 831312
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.1 13.0 19.6

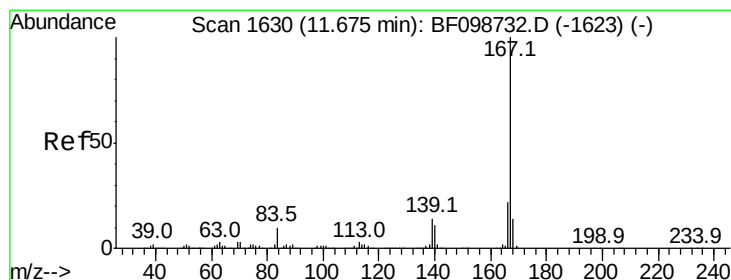
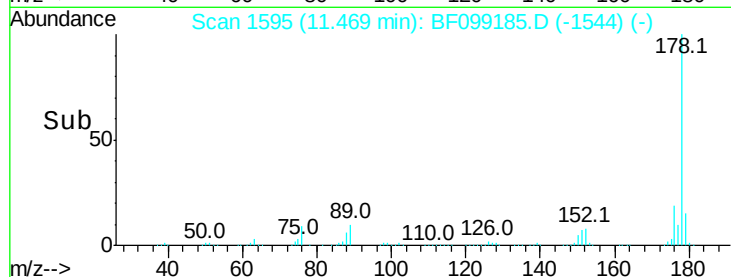
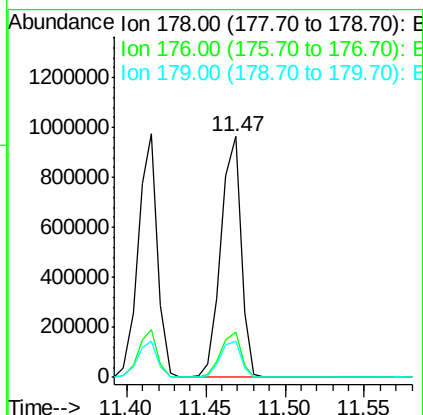
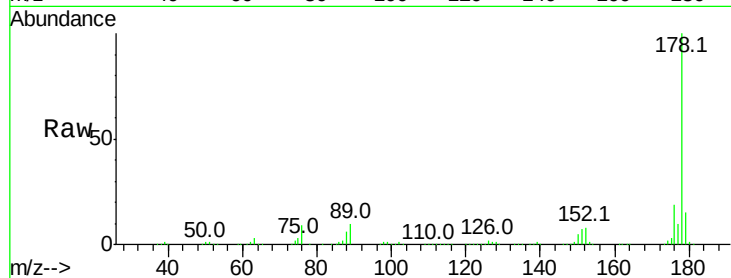




#71
 Anthracene
 Concen: 40.186 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

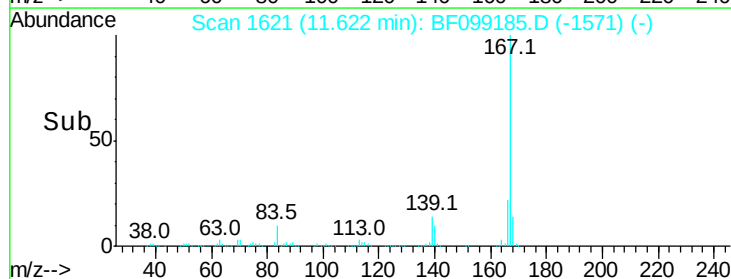
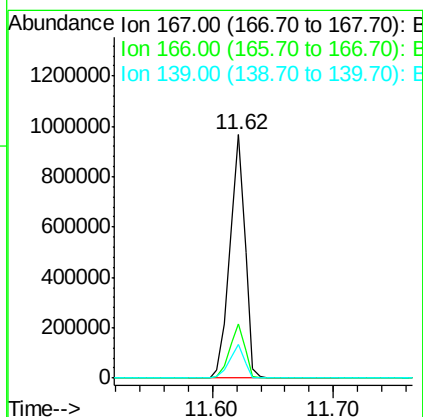
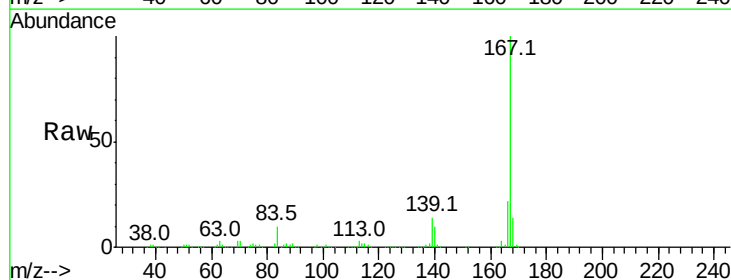
Instrument :
 BNA_F
 ClientSampleId :

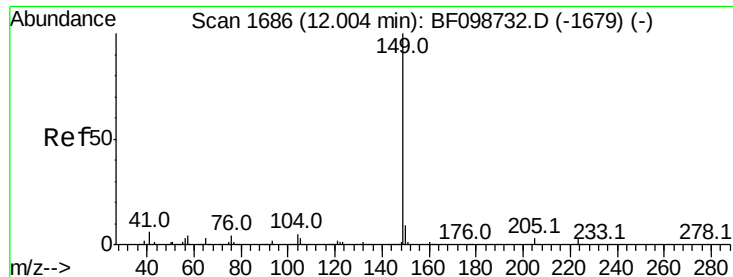
Tot Ion:178 Resp: 855439
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 40.638 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:167 Resp: 847115
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.752 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

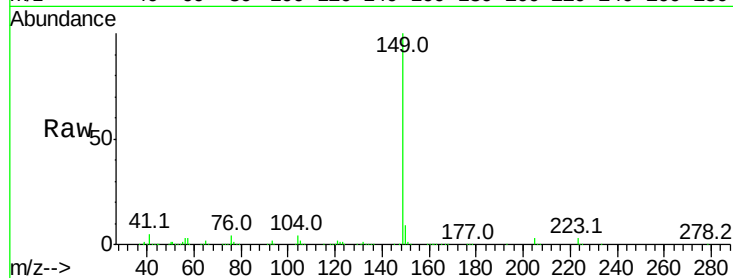
Tot Ion:149 Resp: 972329

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

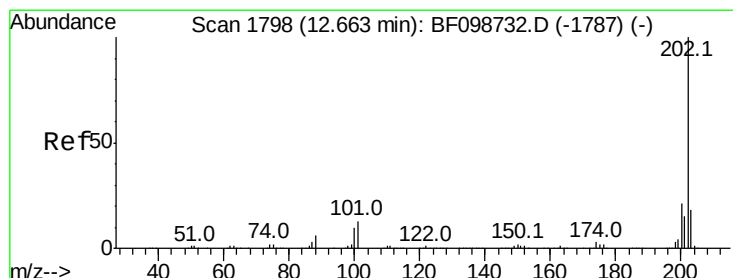
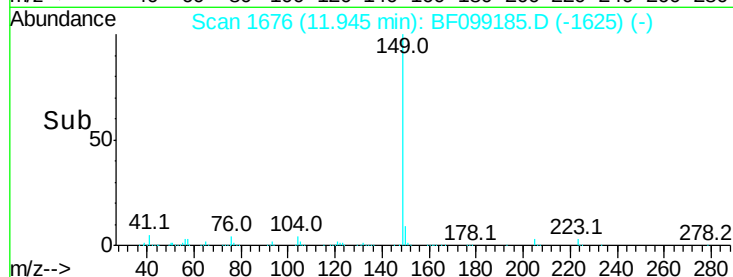
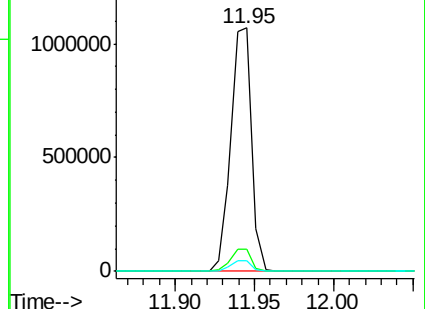
104 4.1 3.8 5.8



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: 40.439 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

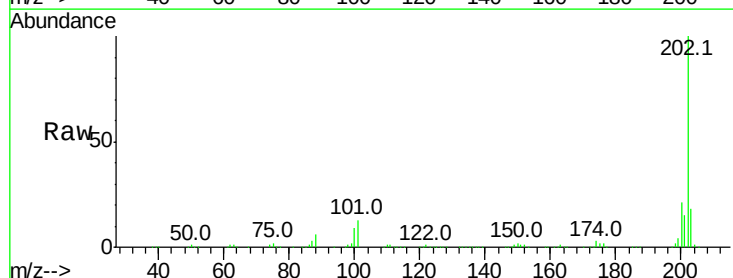
Tgt Ion:202 Resp: 851926

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

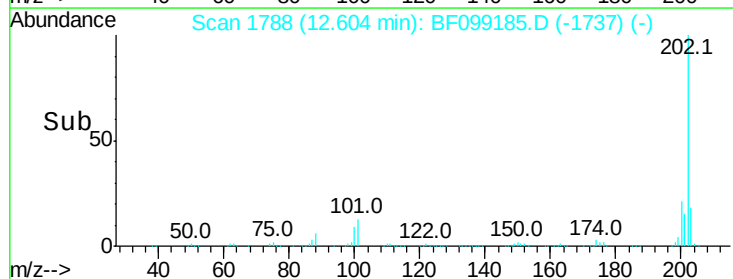
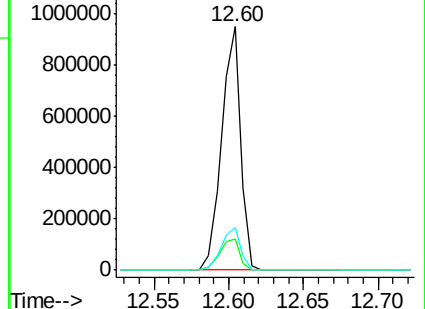
203 17.5 0.0 38.1

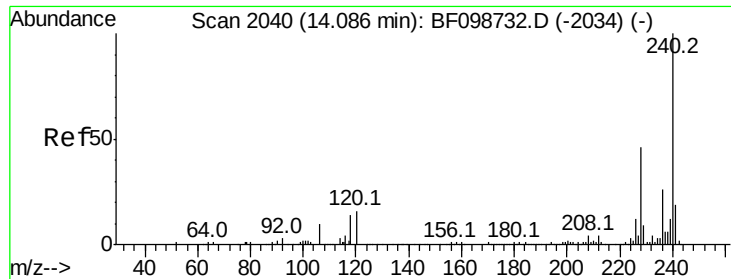


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

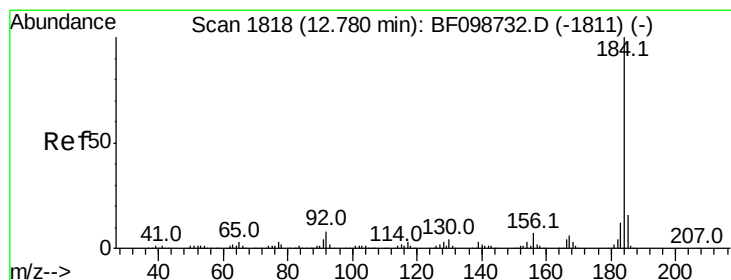
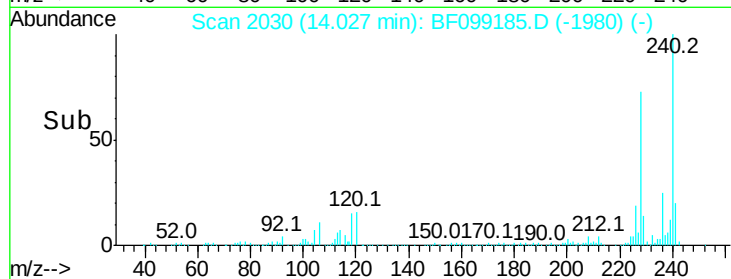
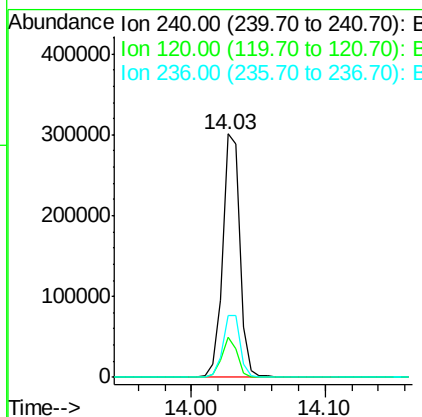
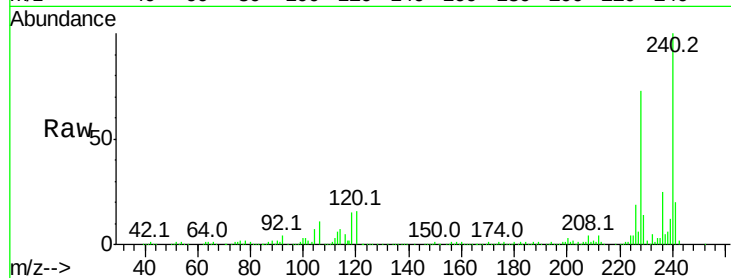




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

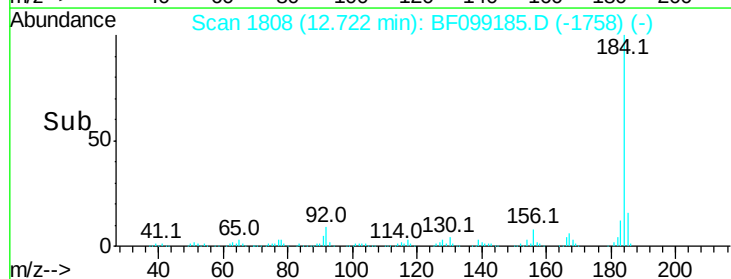
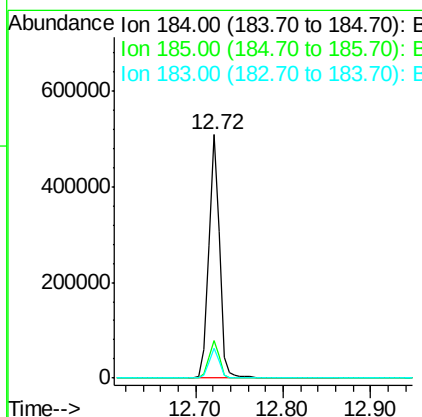
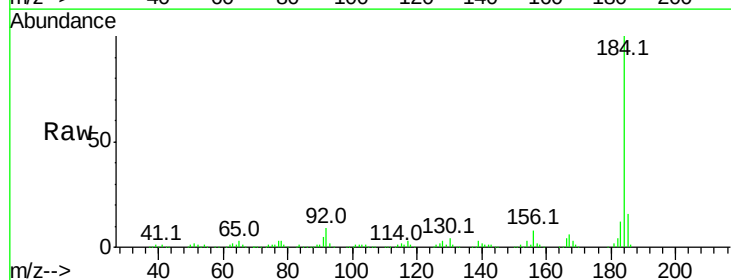
Instrument :
BNA_F
ClientSampleId :

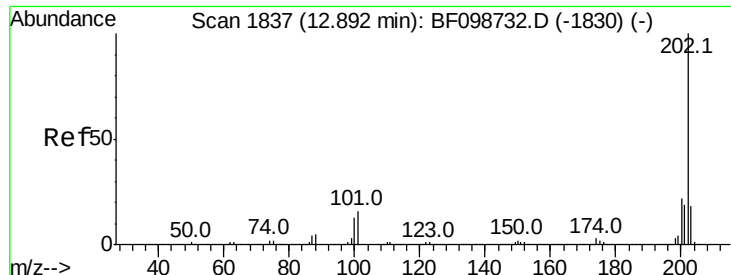
Tot Ion:240 Resp: 275665
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 25.5 20.7 31.1



#76
Benzidine
Concen: 42.826 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:184 Resp: 436652
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 12.4 9.3 13.9

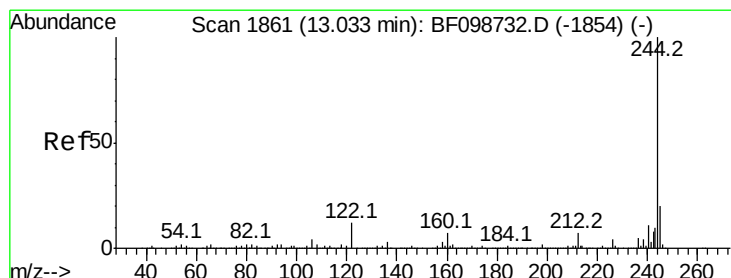
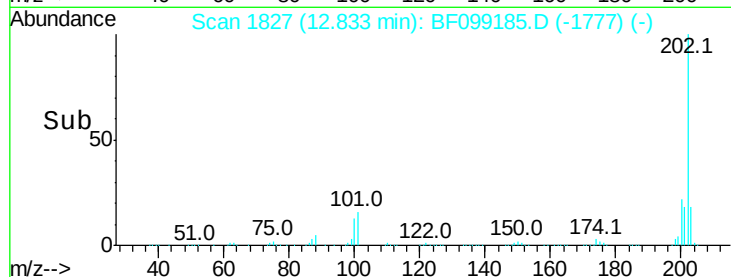
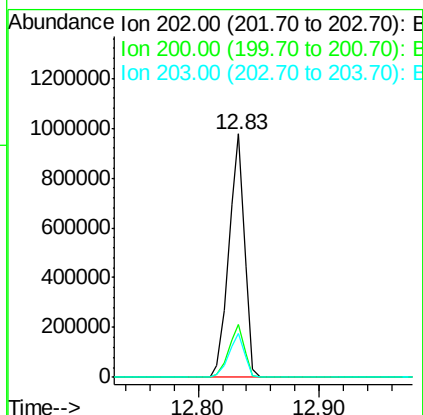
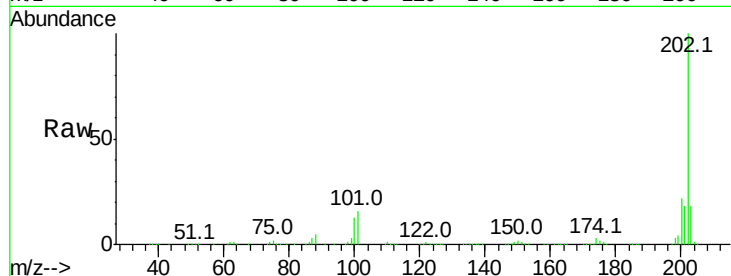




#77
 Pvrene
 Concen: 41.650 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

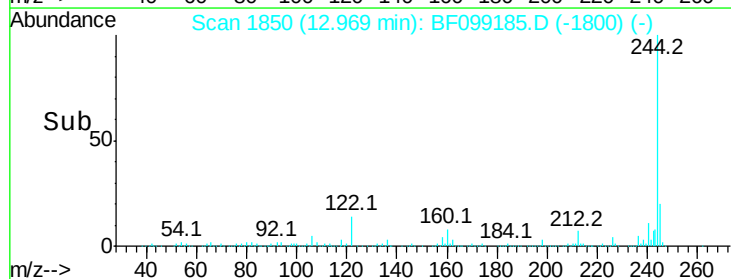
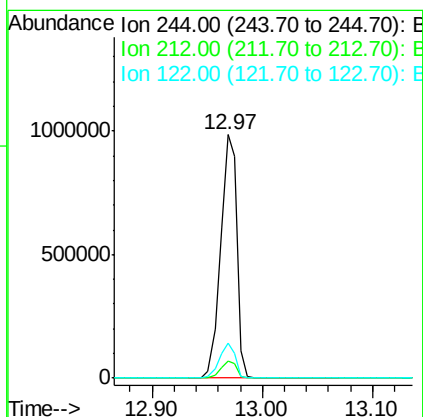
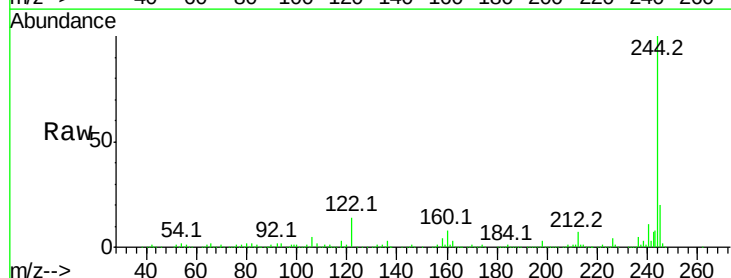
Instrument :
 BNA_F
 ClientSampleId :

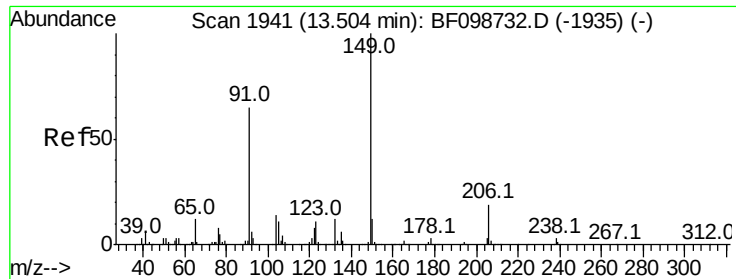
Tot Ion:202 Resp: 875507
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 82.895 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion:244 Resp: 1004803
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.5 11.0 16.4

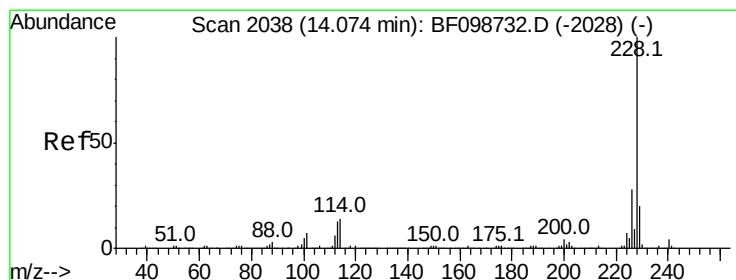
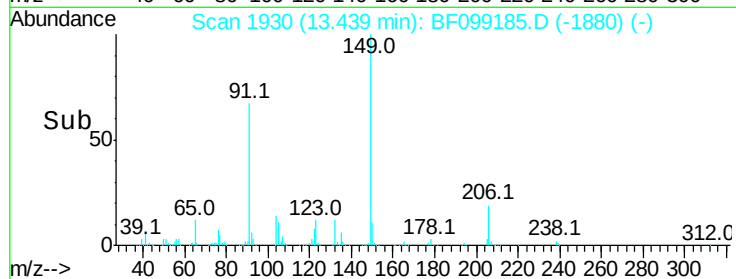
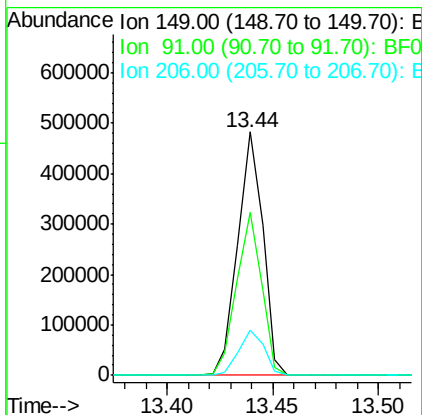
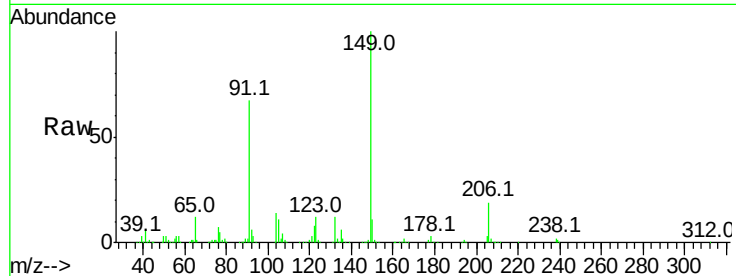




#79
Butylbenzylphthalate
Concen: 40.259 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

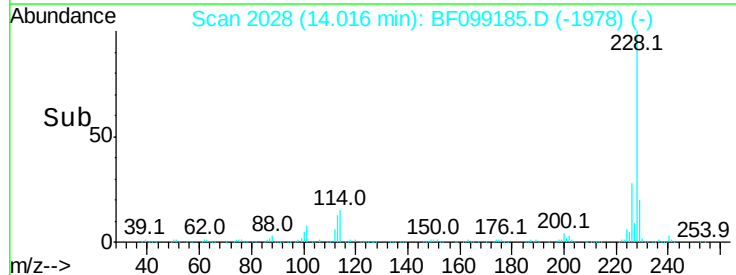
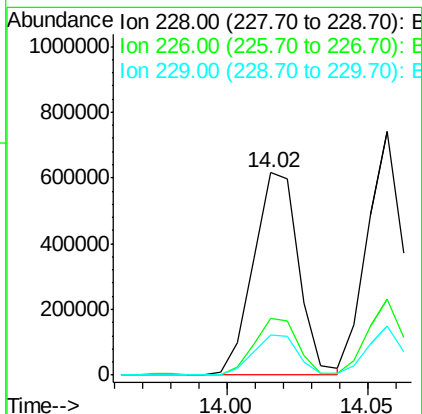
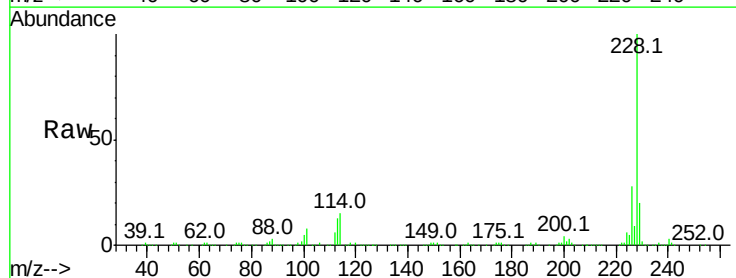
Instrument :
BNA_F
ClientSampleId :

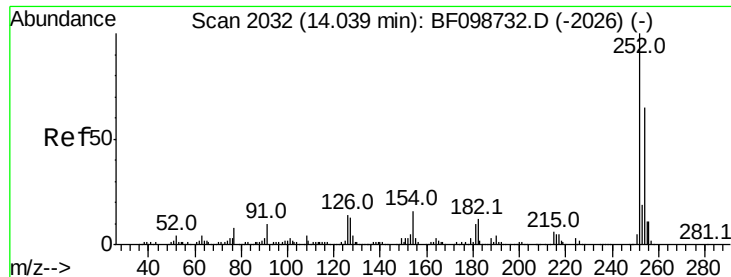
Tot Ion:149 Resp: 397726
Ion Ratio Lower Upper
149 100
91 67.1 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.005 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:228 Resp: 684458
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.7 15.8 23.6

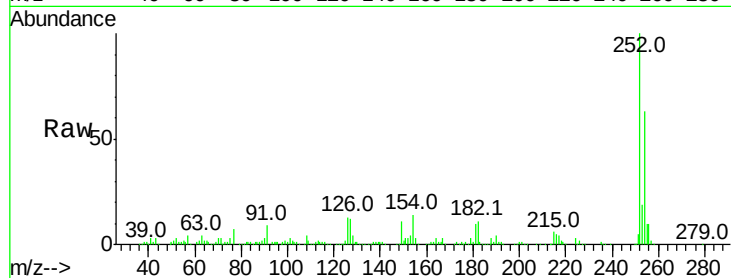




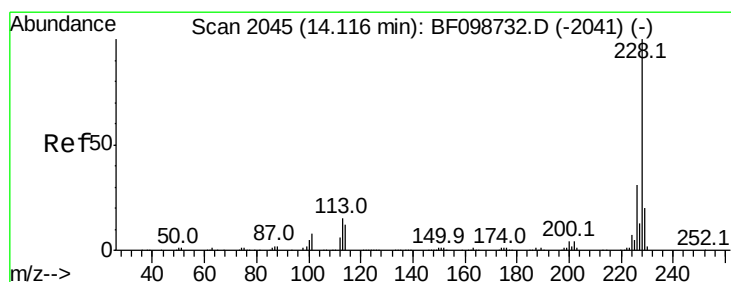
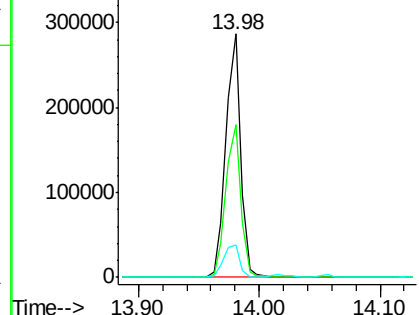
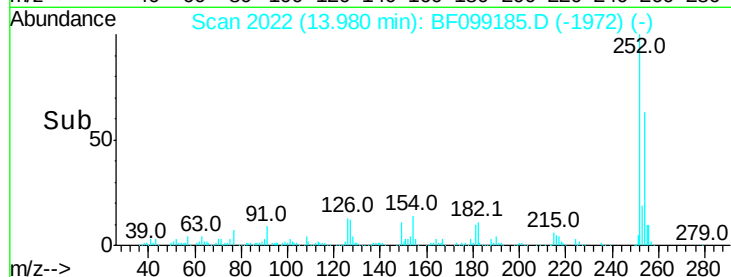
#81
 3,3'-Dichlorobenzidine
 Concen: 39.537 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	13.2	11.3	16.9

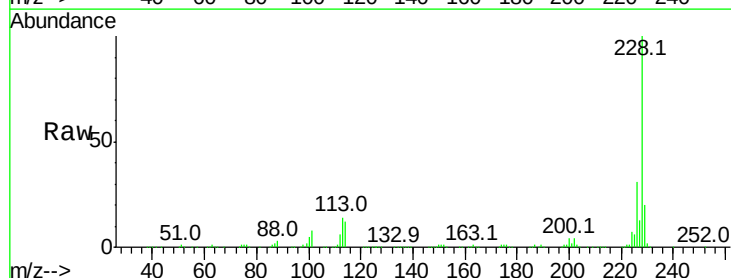


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

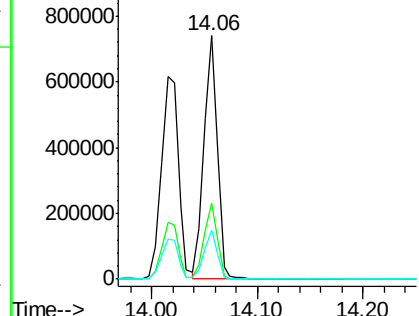
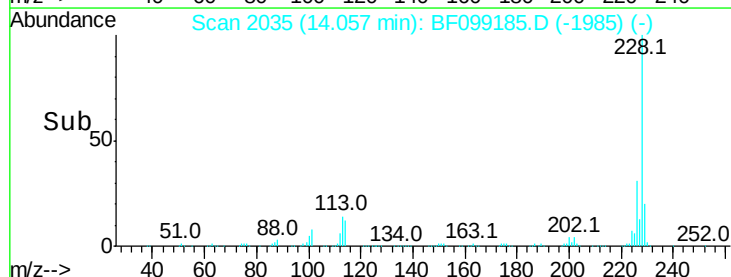


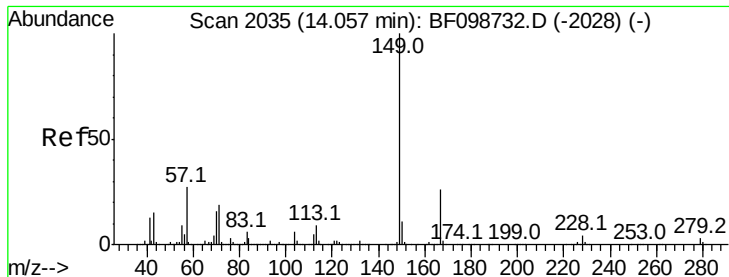
#82
 Chrysene
 Concen: 40.249 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.2	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.622 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

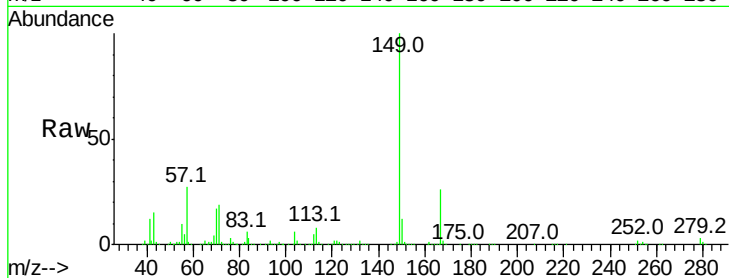
Tot Ion:149 Resp: 525374

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

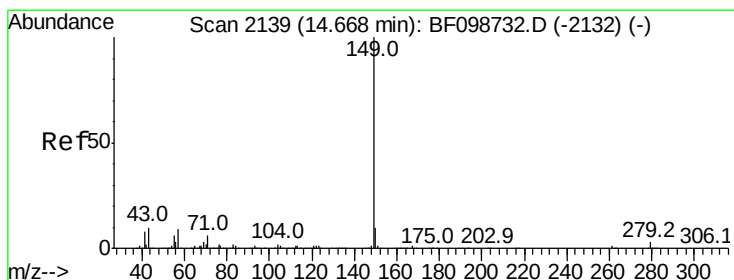
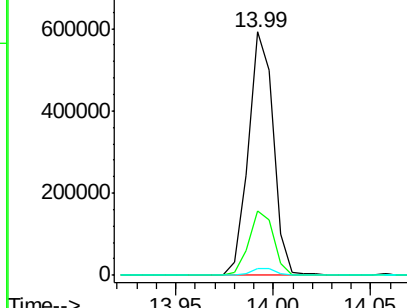
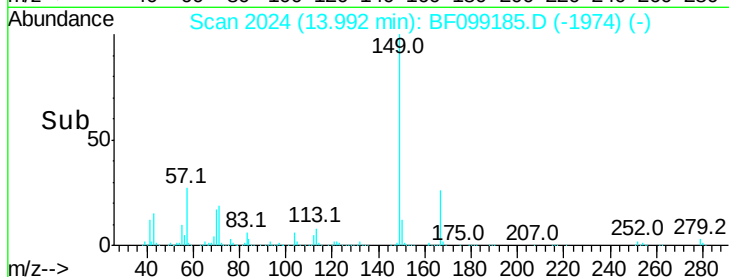
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.472 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

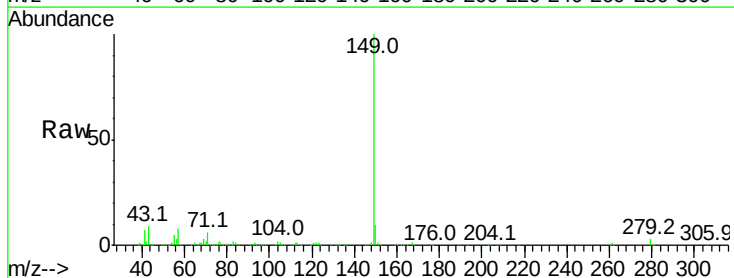
Tgt Ion:149 Resp: 798871

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

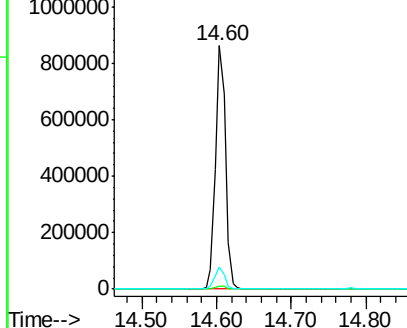
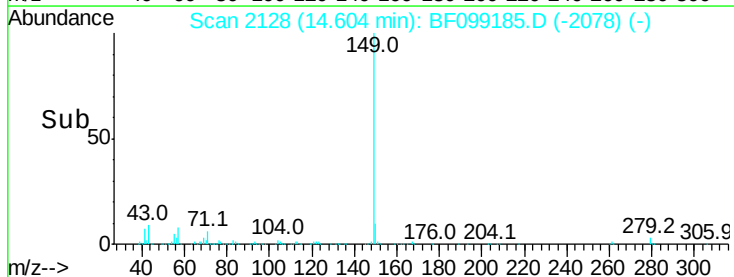
43 8.7 8.4 12.6

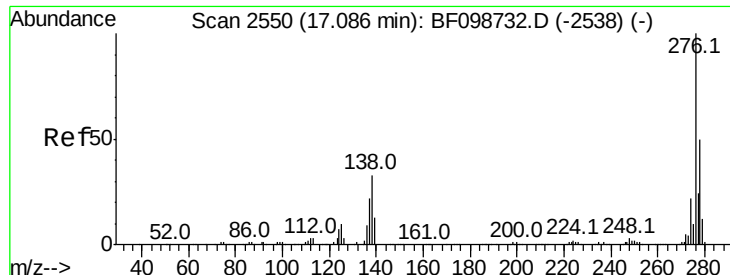


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

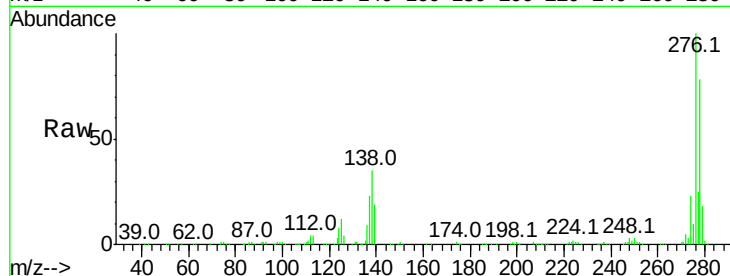




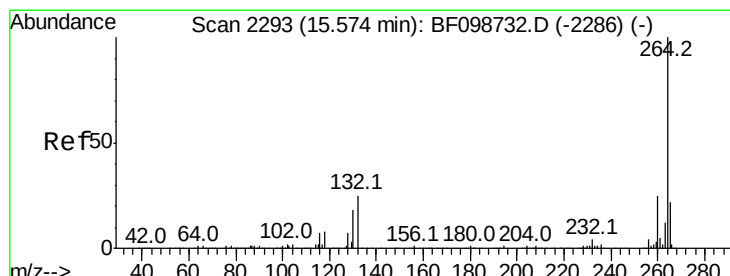
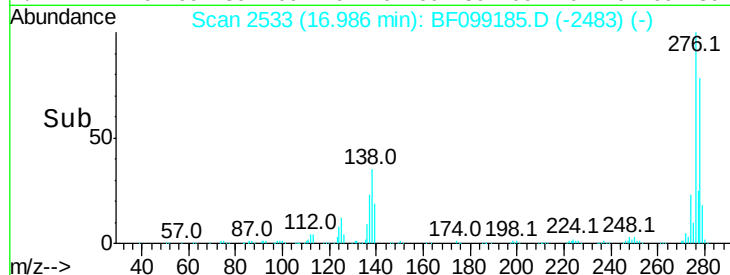
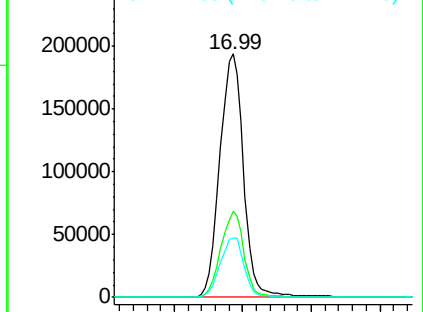
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.636 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	24.6	20.1	30.1

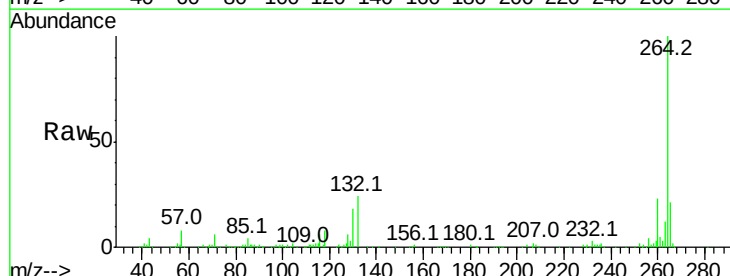


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

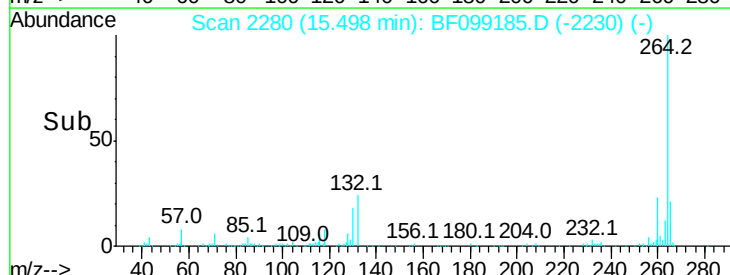
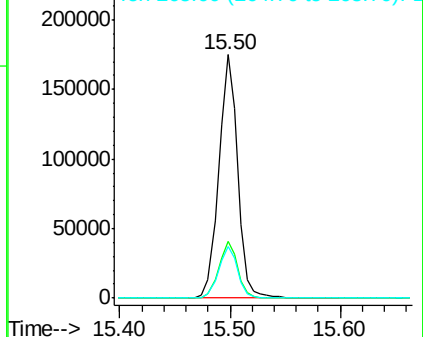


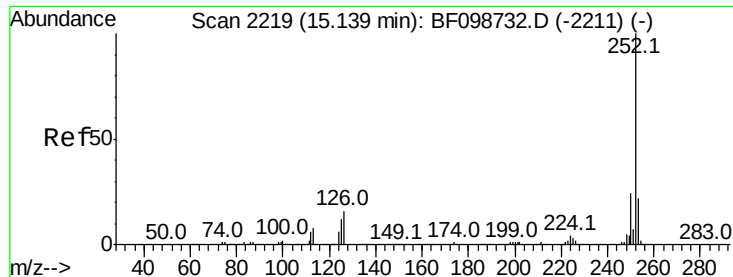
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099185.D
 Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

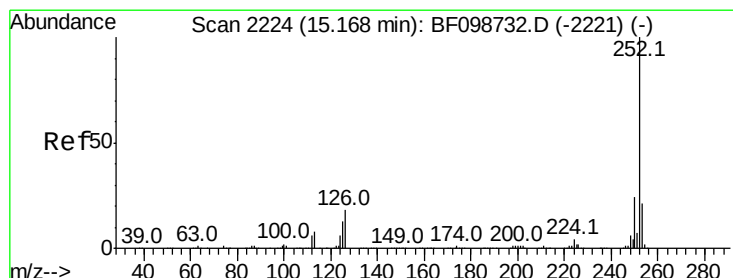
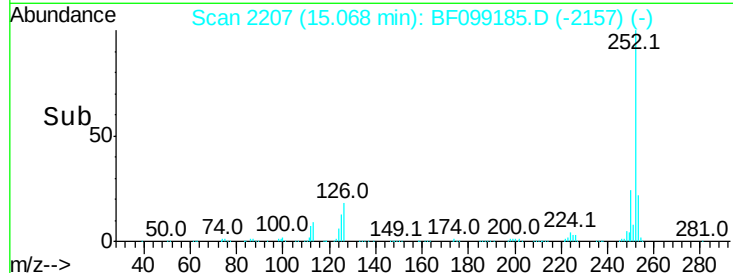
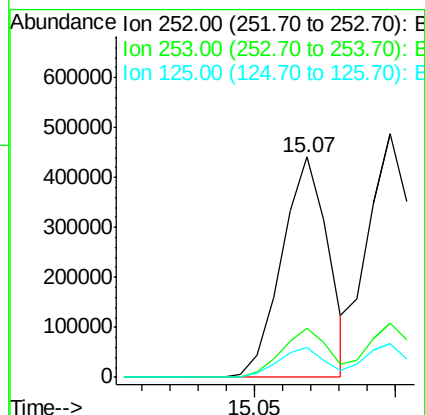
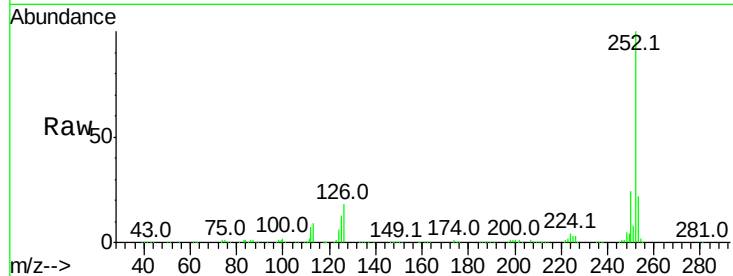




#87
Benzo(b)fluoranthene
Concen: 39.482 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

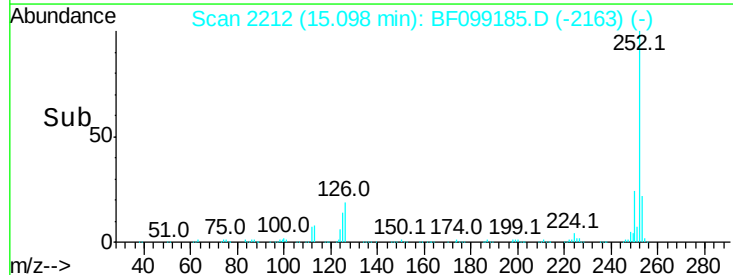
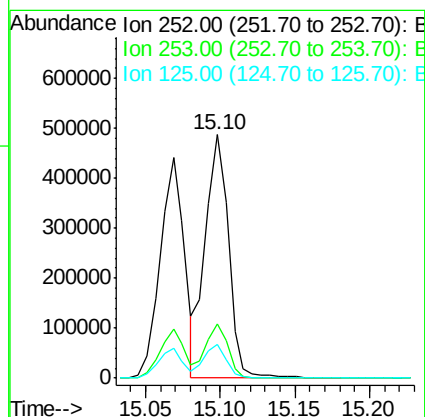
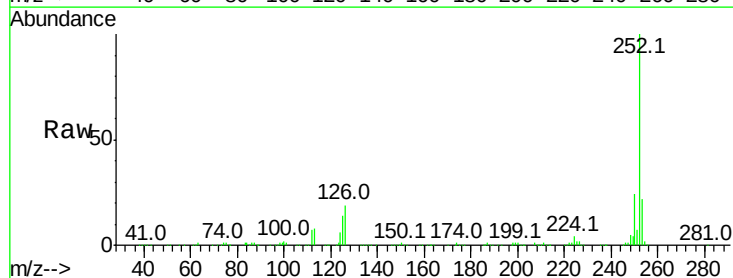
Instrument :
BNA_F
ClientSampleId :

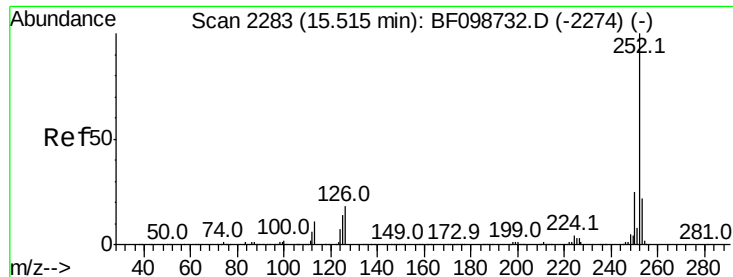
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.582 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.8	10.2	15.2

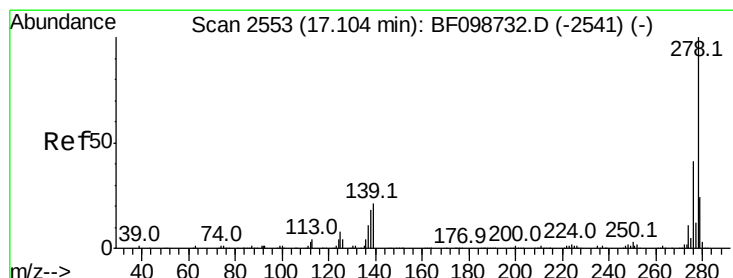
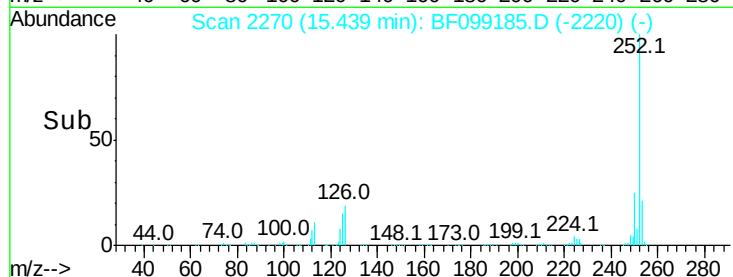
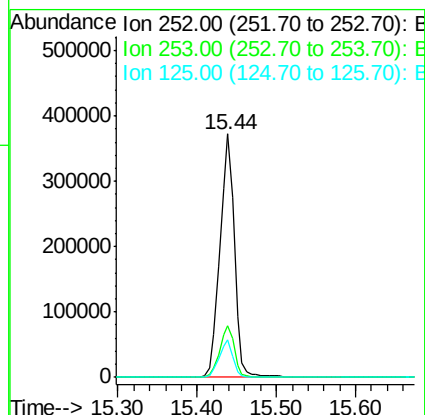
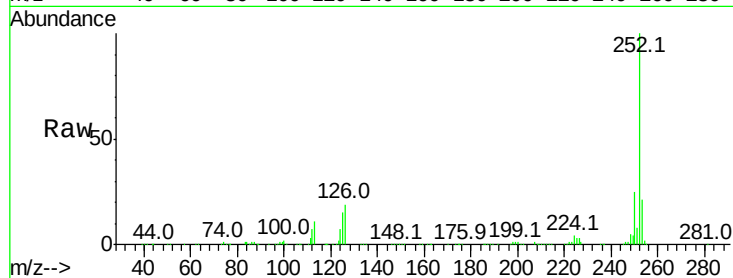




#89
Benzo(a)pyrene
Concen: 40.508 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

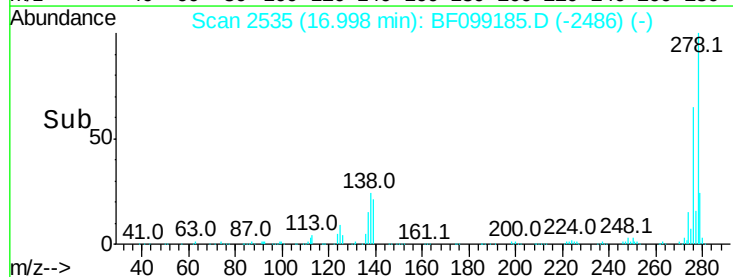
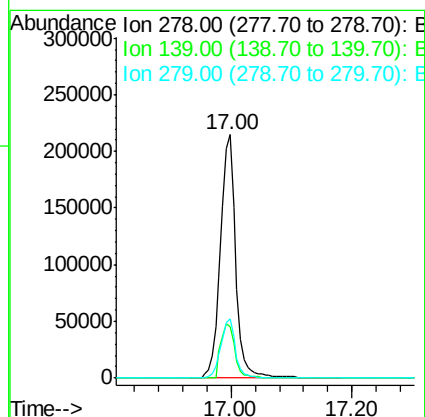
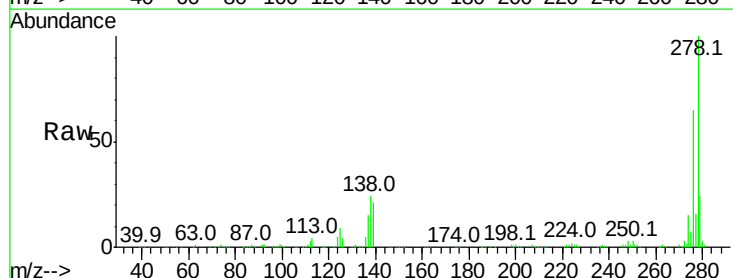
Instrument :
BNA_F
ClientSampleId :

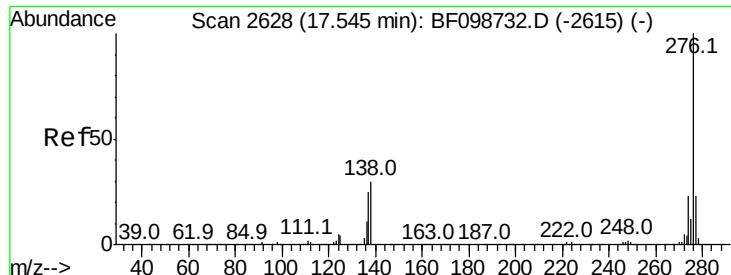
Tot Ion:252 Resp: 473842
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 15.2 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.126 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF099185.D
Acq: 7 Oct 2017 10:53

Tgt Ion:278 Resp: 375642
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.319 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF099185.D

Acq: 7 Oct 2017 10:53

Instrument :

BNA_F

ClientSampleId :

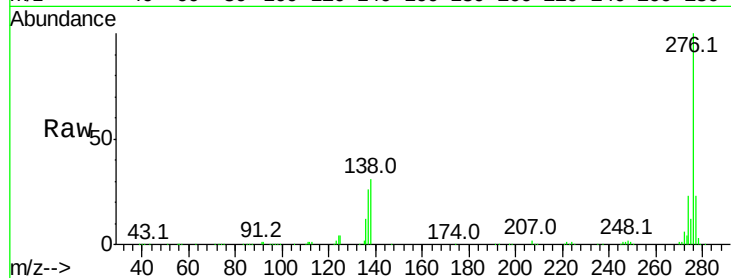
Tot Ion:276 Resp: 391601

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 30.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

