

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098059.D
 Acq On : 28 Aug 2017 10:49
 Operator : SJ/JU
 Sample : PB101824BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Quant Time: Aug 28 13:46:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	90405	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	367604	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	168367	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	334293	20.00	ng	0.00
75) Chrysene-d12	13.90	240	266934	20.00	ng	0.00
86) Perylene-d12	15.32	264	197486	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	727432	122.39	ng	0.01
7) Phenol-d6	6.39	99	973575	120.56	ng	0.00
23) Nitrobenzene-d5	7.31	82	598005	88.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	182877	125.18	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	907144	79.16	ng	0.00
78) Terphenyl-d14	12.85	244	808950	63.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	119684	36.108	ng	90
3) Pyridine	3.20	79	345568	37.712	ng	87
4) n-Nitrosodimethylamine	3.15	42	128279	36.383	ng	# 74
6) Aniline	6.40	93	128308	11.310	ng	# 59
8) 2-Chlorophenol	6.53	128	250840	40.019	ng	93
9) Benzaldehyde	6.29	77	123156	24.077	ng	92
10) Phenol	6.40	94	353264	37.403	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	274209	38.466	ng	97
12) 1,3-Dichlorobenzene	6.69	146	249364	36.985	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	256039	37.339	ng	95
14) 1,2-Dichlorobenzene	6.92	146	237665	37.589	ng	100
15) Benzyl Alcohol	6.89	79	249368	41.245	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	354938	37.007	ng	90
17) 2-Methylphenol	7.00	107	223830	40.522	ng	95
18) Hexachloroethane	7.25	117	103064	38.336	ng	# 77
19) n-Nitroso-di-n-propylamine	7.16	70	200053	36.188	ng	91
20) 3+4-Methylphenols	7.16	107	277329	41.107	ng	# 90
22) Acetophenone	7.15	105	366438	37.733	ng	# 87
24) Nitrobenzene	7.33	77	311847	41.390	ng	94
25) Isophorone	7.57	82	546235	38.821	ng	96
26) 2-Nitrophenol	7.65	139	125474	46.189	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	226059	38.523	ng	93
28) bis(2-Chloroethoxy)methane	7.78	93	346874	37.498	ng	98
29) 2,4-Dichlorophenol	7.89	162	193498	39.723	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	197131	36.506	ng	99
31) Naphthalene	8.05	128	709771	37.192	ng	100
32) Benzoic acid	7.82	122	140246	34.829	ng	96
33) 4-Chloroaniline	8.10	127	81138	10.081	ng	99
34) Hexachlorobutadiene	8.16	225	112528	35.690	ng	97
35) Caprolactam	8.47	113	41953	25.334	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	241939	38.657	ng	# 82
37) 2-Methylnaphthalene	8.74	142	460010	39.316	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	184027	35.615	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	213288	85.922	ng	99

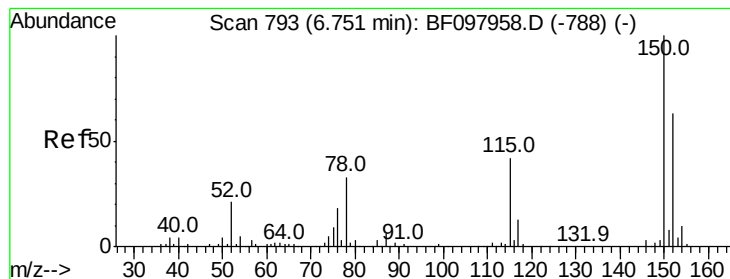
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098059.D
 Acq On : 28 Aug 2017 10:49
 Operator : SJ/JU
 Sample : PB101824BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	132316	38.142	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	138701	40.302	nq	95
45) 1,1'-Biphenyl	9.20	154	543596	35.405	nq	97
46) 2-Chloronaphthalene	9.23	162	401451	35.388	nq #	91
47) 2-Nitroaniline	9.33	65	161071	42.353	nq	96
48) Acenaphthylene	9.65	152	666398	37.407	nq	99
49) Dimethylphthalate	9.51	163	474170	38.528	nq	98
50) 2,6-Dinitrotoluene	9.57	165	101285	41.229	nq #	54
51) Acenaphthene	9.82	154	396295	35.272	nq	97
52) 3-Nitroaniline	9.73	138	51855	16.361	nq	90
53) 2,4-Dinitrophenol	9.85	184	93283	79.848	nq #	79
54) Dibenzofuran	9.99	168	588636	39.091	nq	99
55) 4-Nitrophenol	9.91	139	186185	73.639	nq #	44
56) 2,4-Dinitrotoluene	9.97	165	133841	43.413	nq #	48
57) Fluorene	10.33	166	447477	38.436	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	113756	42.692	nq	95
59) Diethylphthalate	10.20	149	500795	38.912	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	206857	38.246	nq #	87
61) 4-Nitroaniline	10.35	138	114816	38.114	nq	74
62) Azobenzene	10.48	77	598536	39.152	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	64023	41.917	nq #	77
65) n-Nitrosodiphenylamine	10.44	169	406452	35.705	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	125634	36.191	nq	96
67) Hexachlorobenzene	10.88	284	124281	35.125	nq #	92
68) Atrazine	10.97	200	121074	40.105	nq	97
69) Pentachlorophenol	11.07	266	131804	63.889	nq	97
70) Phenanthrene	11.29	178	663678	37.257	nq	99
71) Anthracene	11.34	178	685229	37.926	nq	100
72) Carbazole	11.50	167	653943	38.130	nq	98
73) Di-n-butylphthalate	11.83	149	770418	39.000	nq	99
74) Fluoranthene	12.47	202	720197	38.735	nq	99
76) Benzidine	12.60	184	155146	17.727	nq #	90
77) Pyrene	12.70	202	736785	33.748	nq	99
79) Butylbenzylphthalate	13.33	149	331832	39.643	nq #	78
80) Benzo(a)anthracene	13.89	228	562503	35.160	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	96635	17.900	nq #	97
82) Chrysene	13.93	228	550759	34.607	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	401947	43.335	nq #	99
84) Di-n-octyl phthalate	14.49	149	674605	41.800	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	419042	35.793	nq	94
87) Benzo(b)fluoranthene	14.92	252	447938	35.984	nq	98
88) Benzo(k)fluoranthene	14.94	252	452505	38.692	nq #	94
89) Benzo(a)pyrene	15.26	252	425715	38.631	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	341344	38.047	nq	98
91) Benzo(g,h,i)perylene	17.13	276	362478	38.722	nq #	93

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

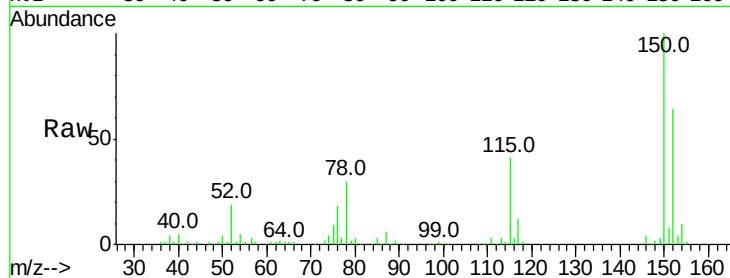


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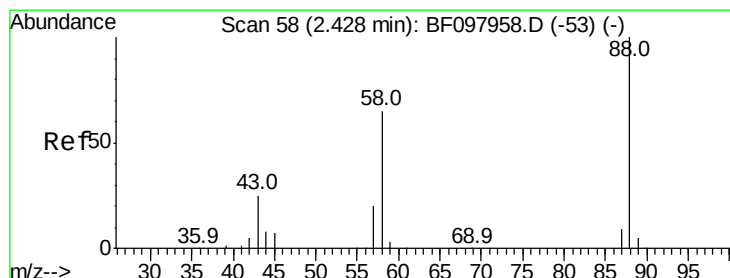
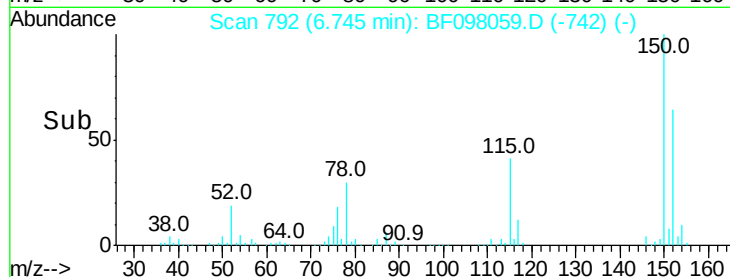
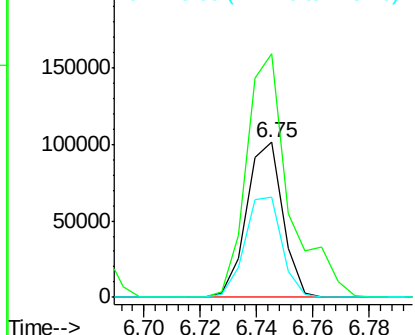
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Instrument :
BNA_F
ClientSampleId :
PB101824BS

Tot Ion:152 Resp: 90405
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 64.5 52.2 78.2



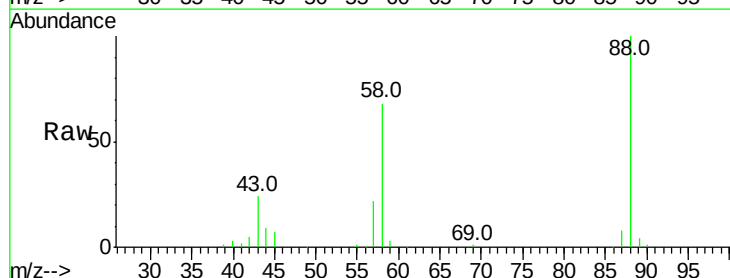
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



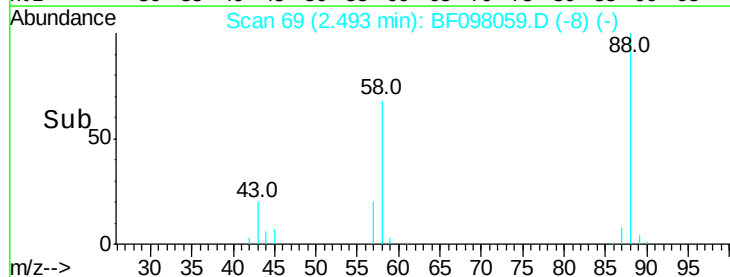
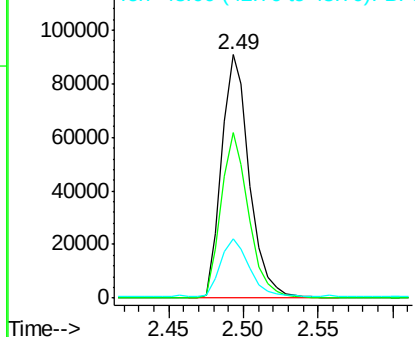
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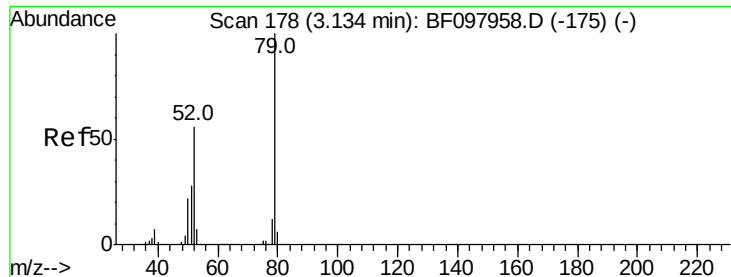
1,4-Dioxane
Concen: 36.108 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion: 88 Resp: 119684
Ion Ratio Lower Upper
88 100
58 67.1 61.4 92.0
43 25.3 23.4 35.0



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: 37.712 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

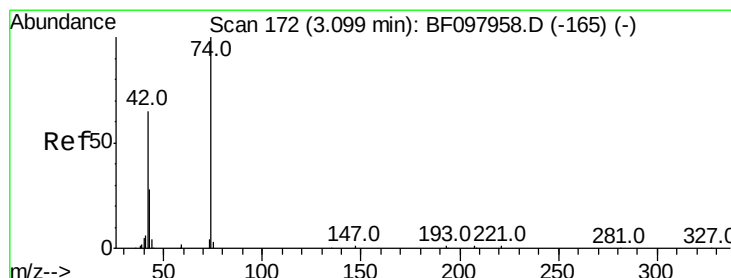
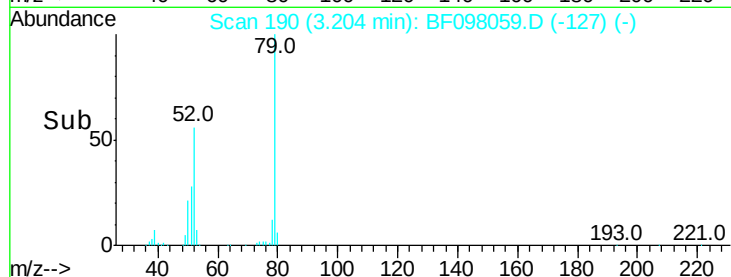
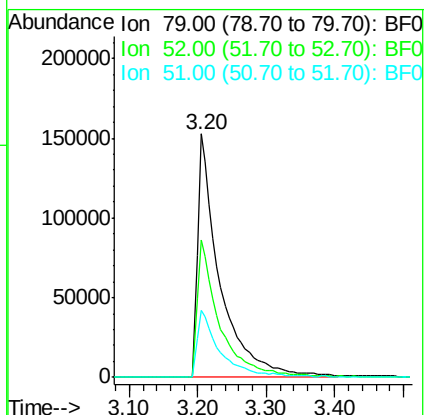
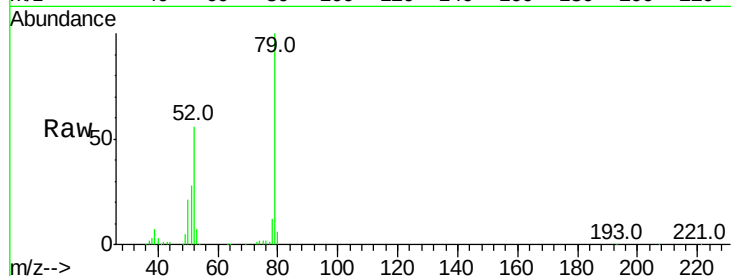
Tot Ion: 79 Resp: 345568

Ion Ratio Lower Upper

79 100

52 56.5 54.8 82.2

51 27.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 36.383 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.05 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

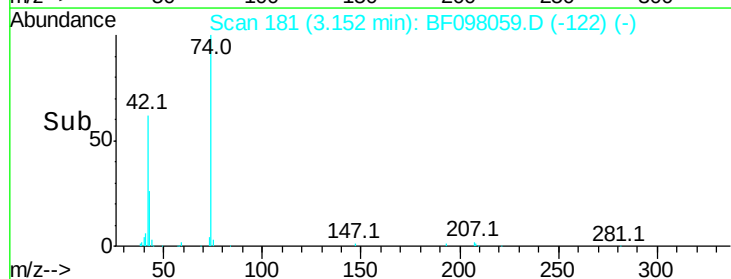
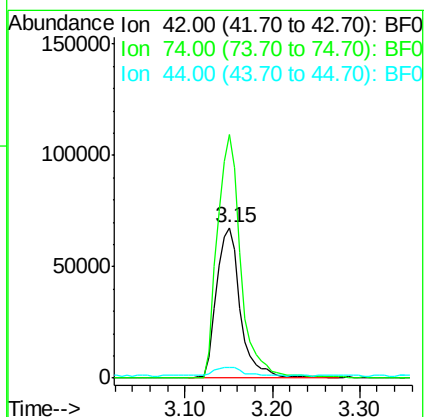
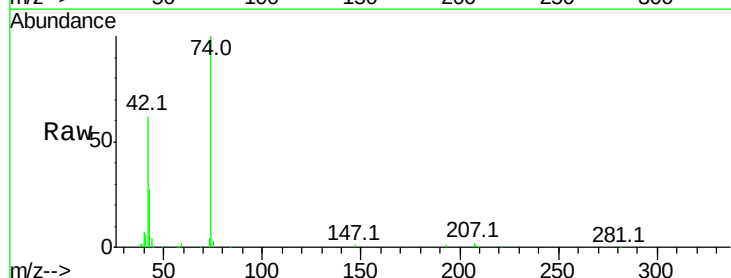
Tgt Ion: 42 Resp: 128279

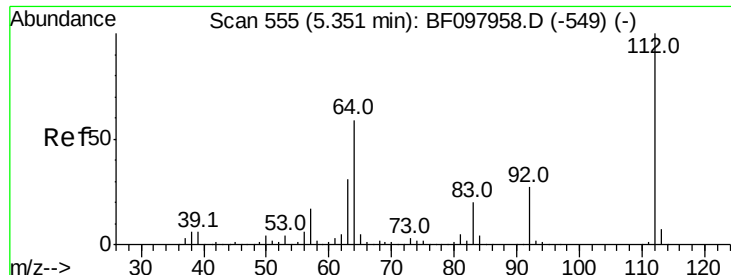
Ion Ratio Lower Upper

42 100

74 161.7 103.9 155.9#

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 122.391 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

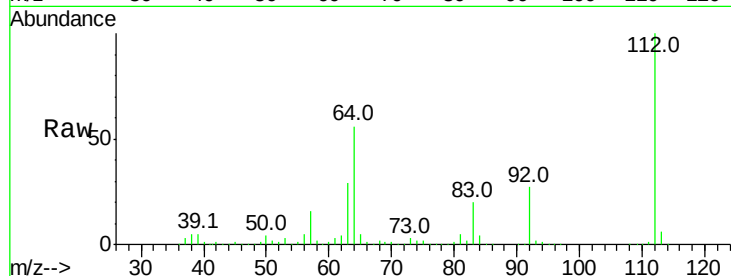
Tot Ion:112 Resp: 727432

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

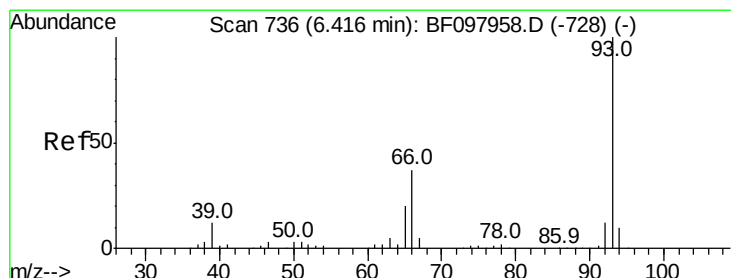
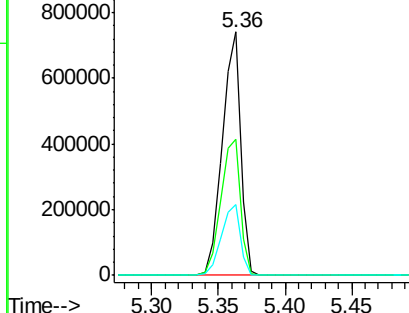
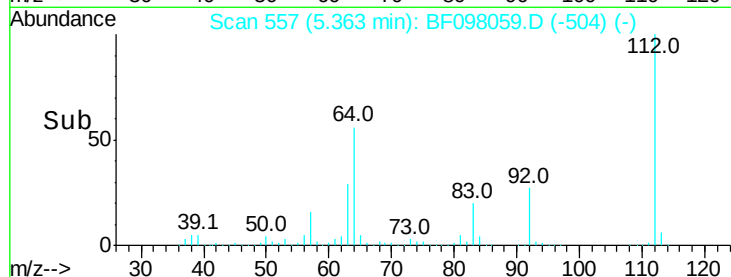
63 29.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.310 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

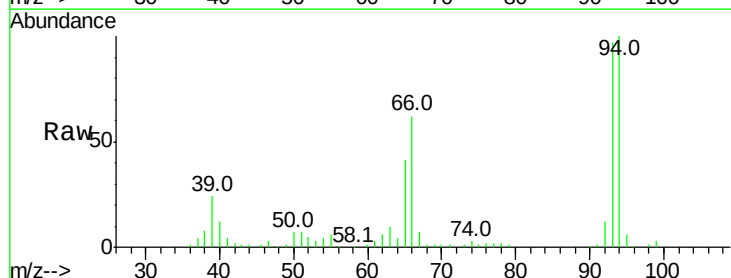
Tgt Ion: 93 Resp: 128308

Ion Ratio Lower Upper

93 100

66 63.9 32.9 49.3#

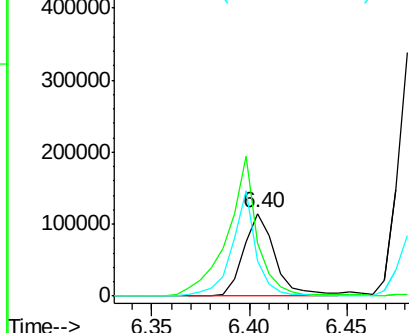
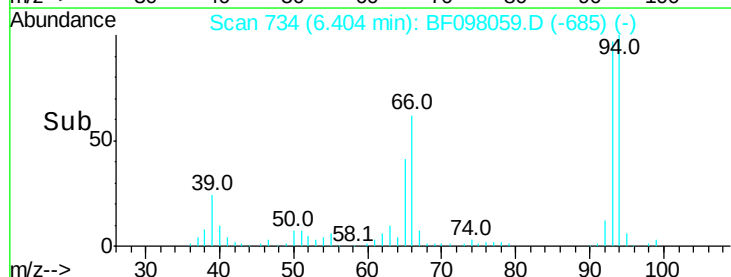
65 42.8 16.0 24.0#

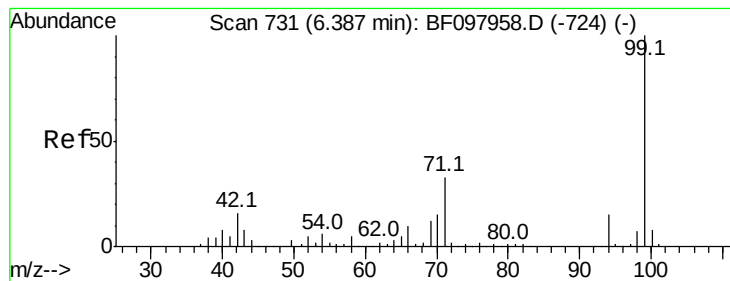


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.559 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampled :

PB101824BS

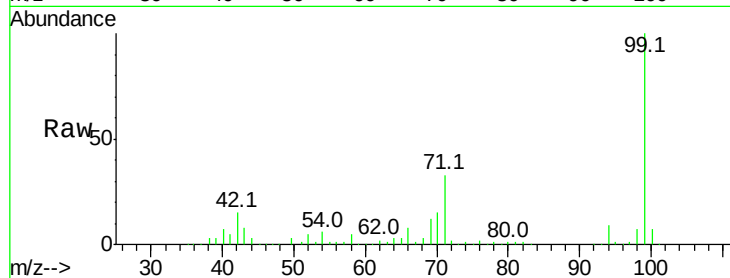
Tot Ion: 99 Resp: 973575

Ion Ratio Lower Upper

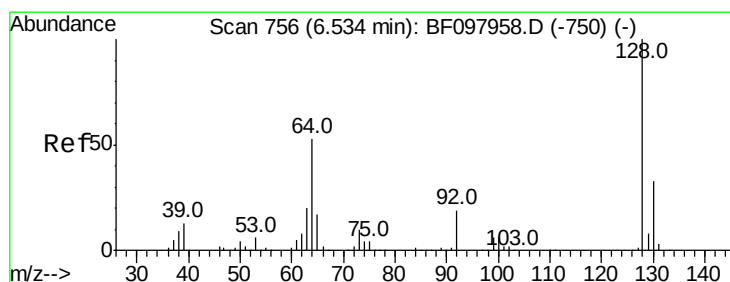
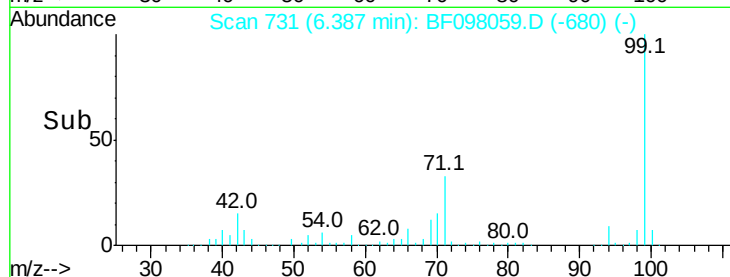
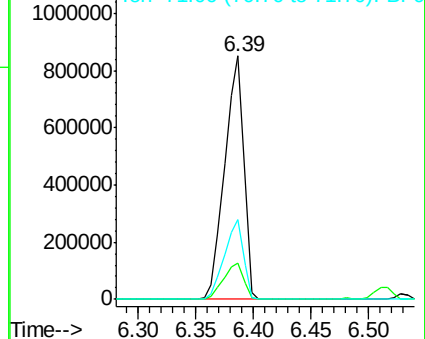
99 100

42 15.1 13.5 20.3

71 32.5 24.5 36.7



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: 40.019 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

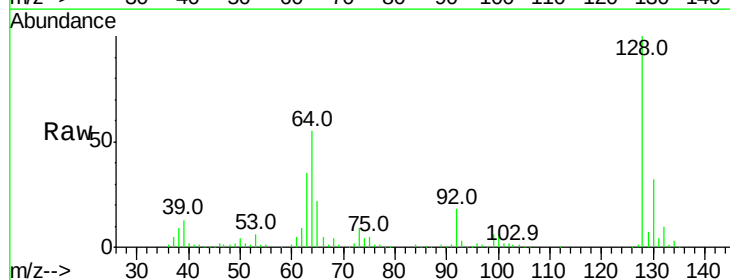
Tgt Ion:128 Resp: 250840

Ion Ratio Lower Upper

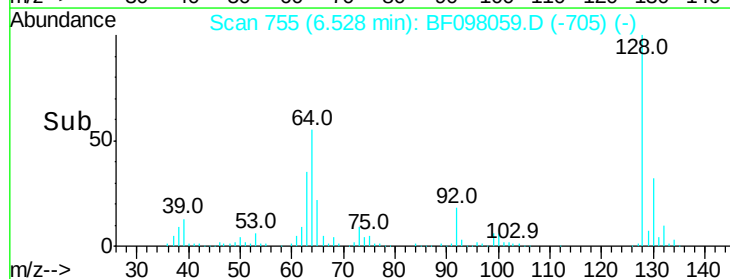
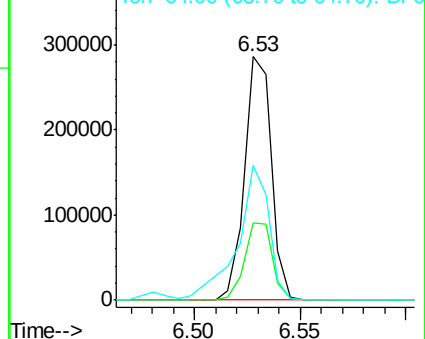
128 100

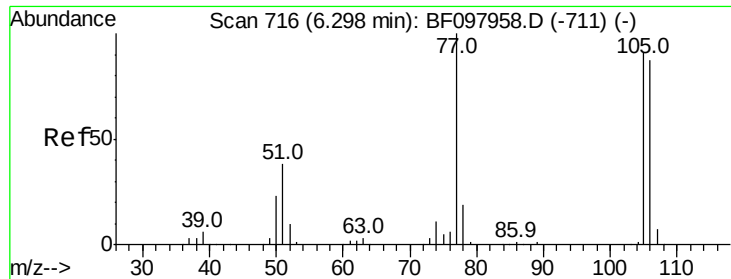
130 31.6 12.9 52.9

64 55.2 28.4 68.4



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

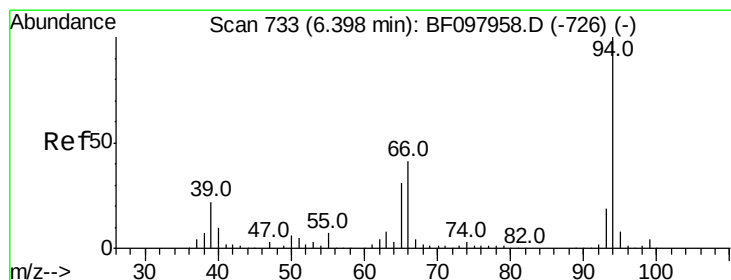
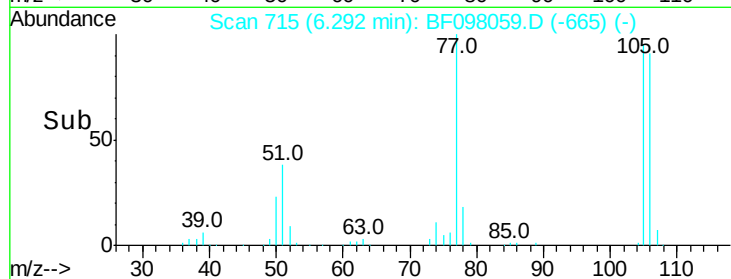
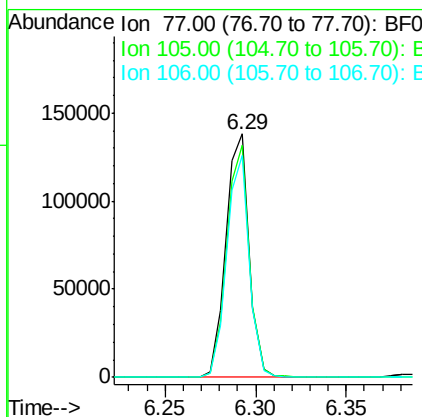
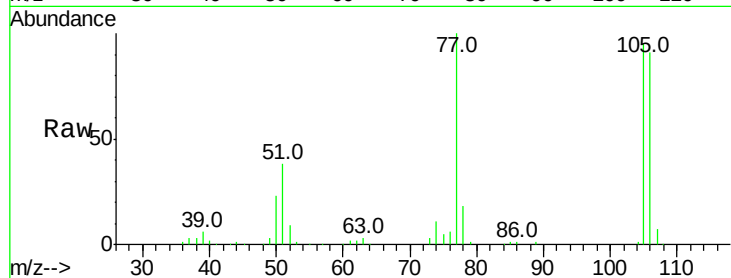




#9
Benzaldehyde
Concen: 24.077 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

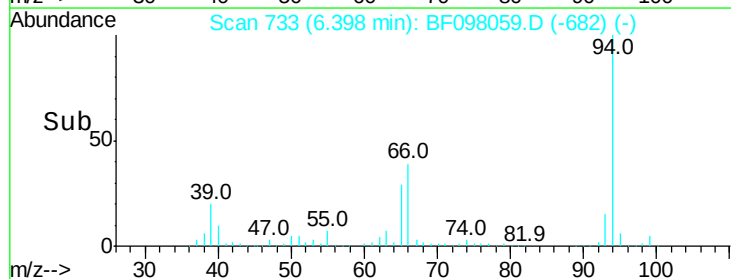
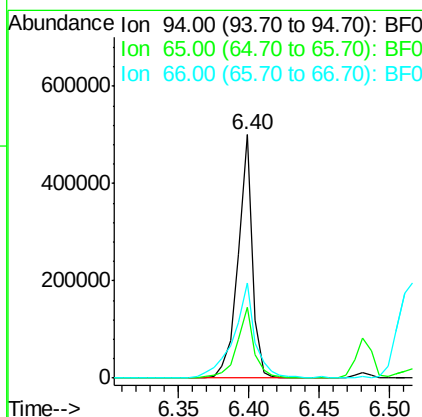
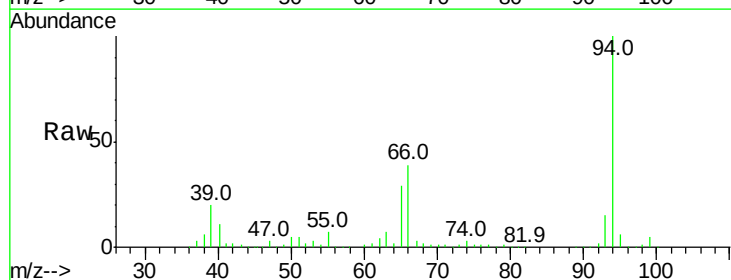
Instrument :
BNA_F
ClientSampleId :
PB101824BS

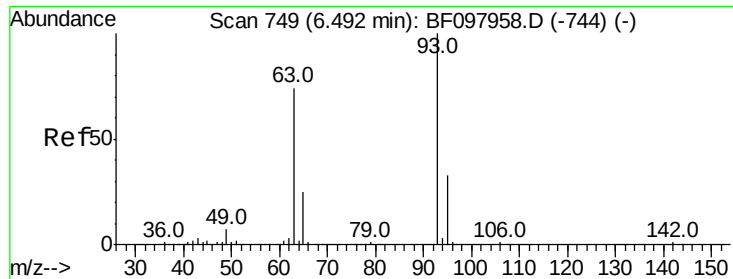
Tot Ion:	77	Resp:	123156
Ion	Ratio	Lower	Upper
77	100		
105	95.3	83.8	123.8
106	91.1	79.1	119.1



#10
Phenol
Concen: 37.403 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:	94	Resp:	353264
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.9	49.9
66	38.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.466 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

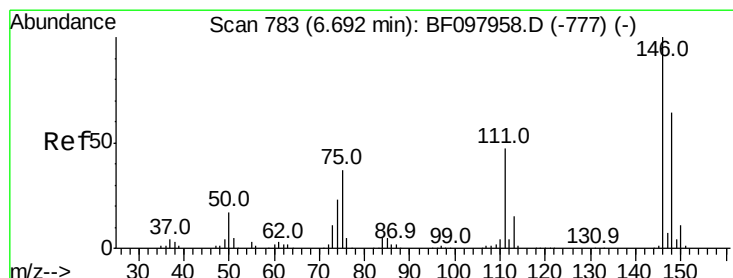
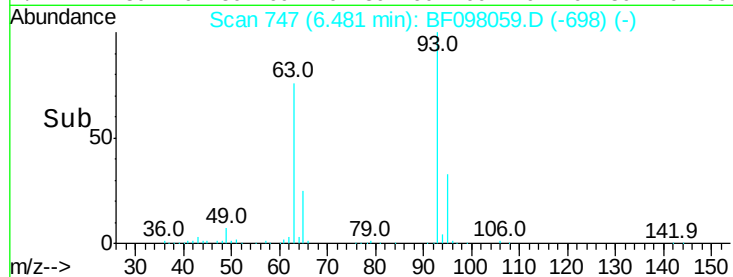
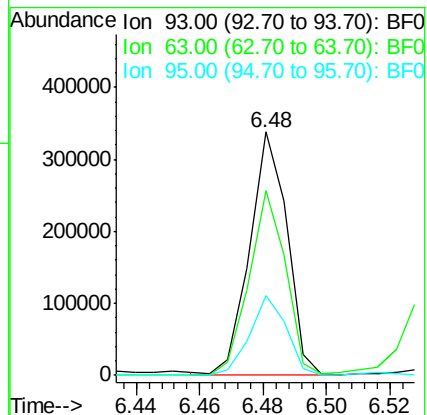
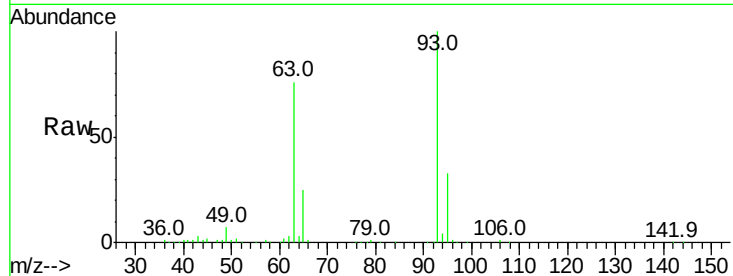
Tot Ion: 93 Resp: 274209

Ion Ratio Lower Upper

93 100

63 75.8 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.985 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

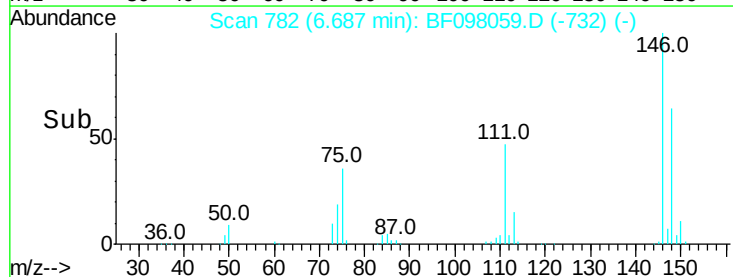
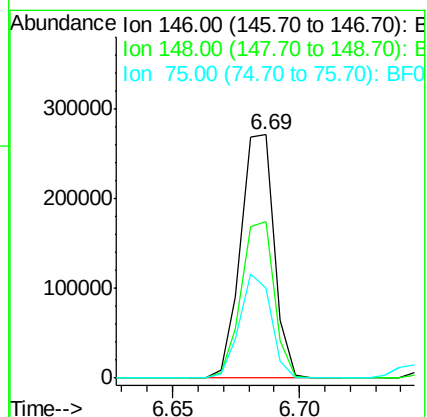
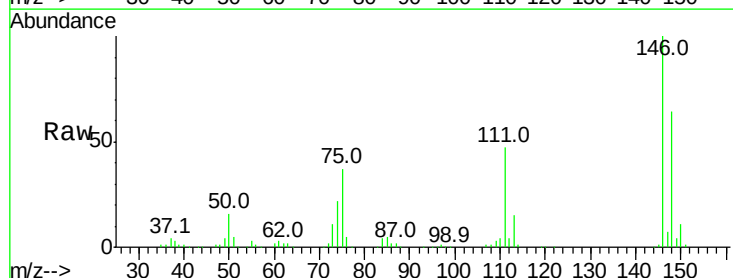
Tgt Ion: 146 Resp: 249364

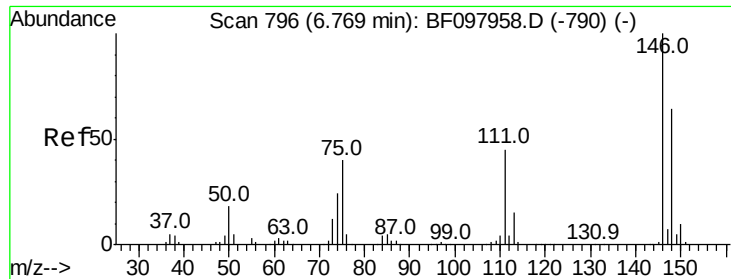
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

75 37.1 23.1 34.7#

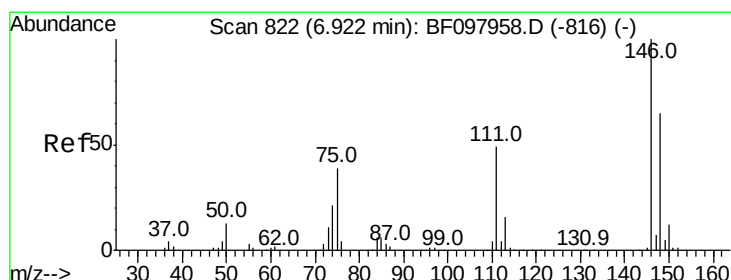
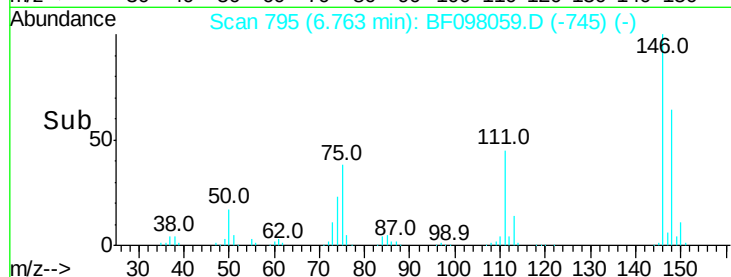
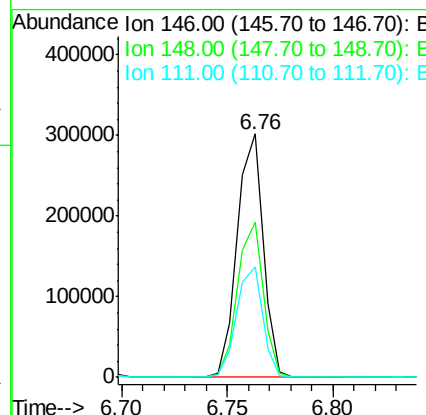
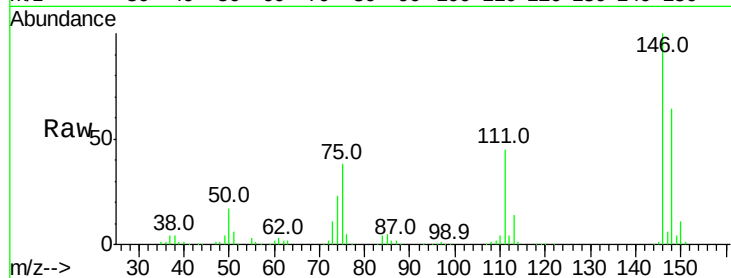




#13
 1,4-Dichlorobenzene
 Concen: 37.339 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

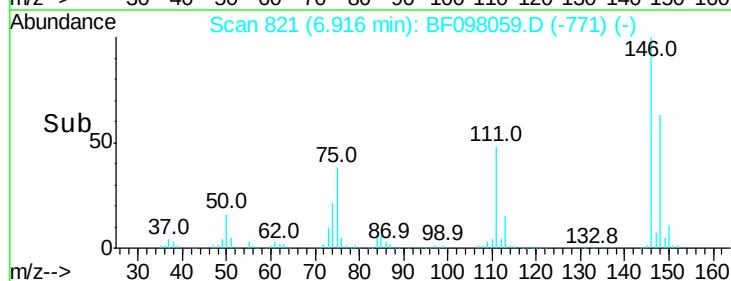
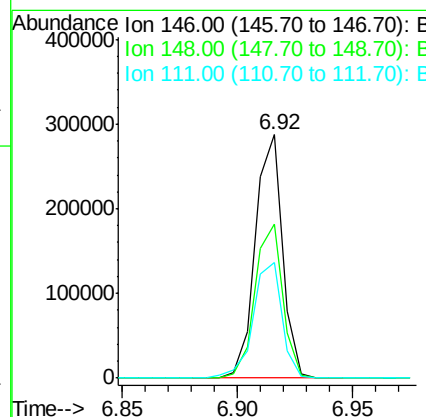
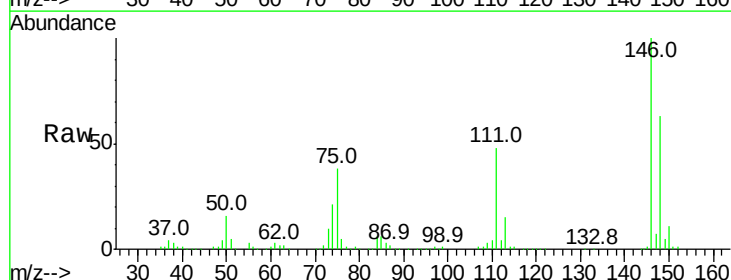
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

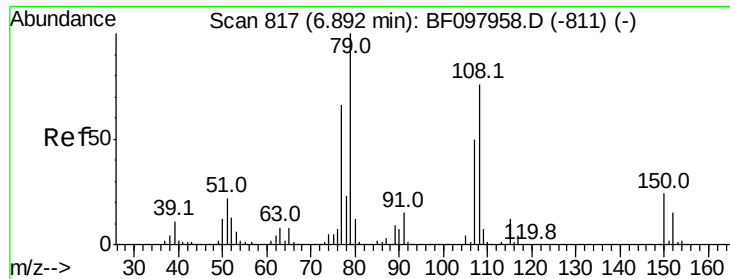
Tot Ion:146 Resp: 256039
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 45.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.589 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:146 Resp: 237665
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 47.6 38.2 57.4

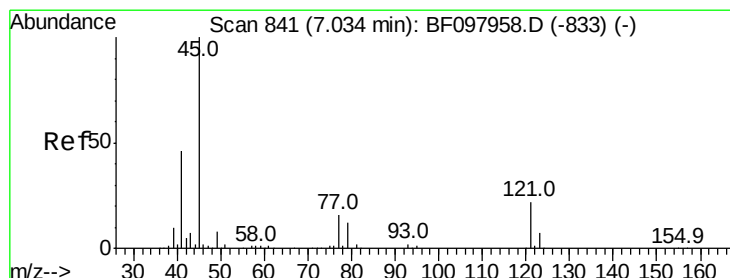
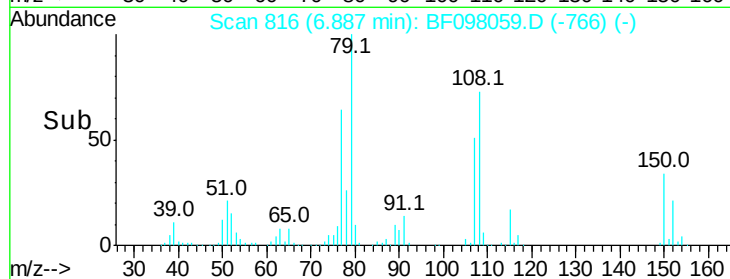
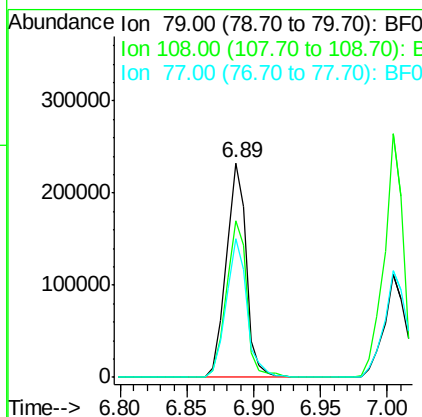
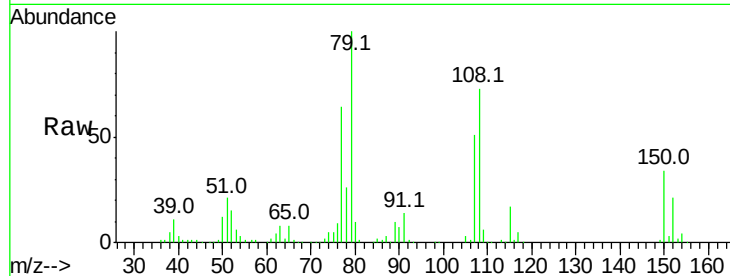




#15
Benzyl Alcohol
Concen: 41.245 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

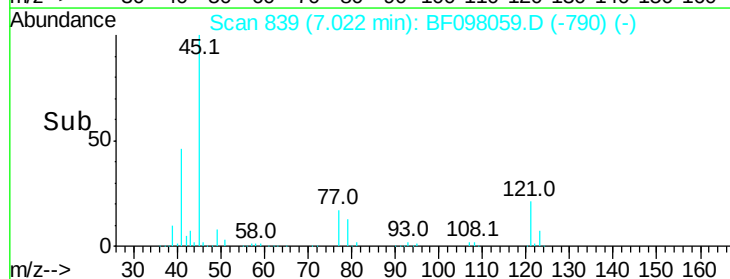
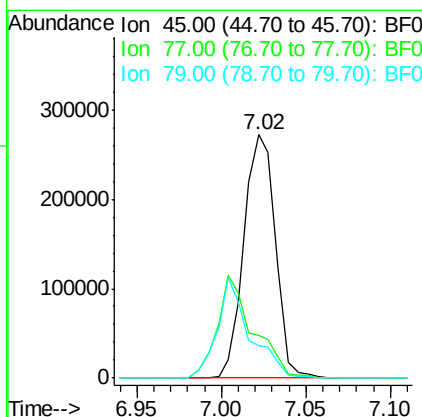
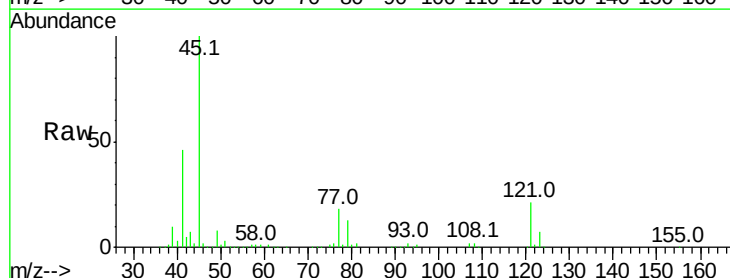
Instrument :
BNA_F
ClientSampleId :
PB101824BS

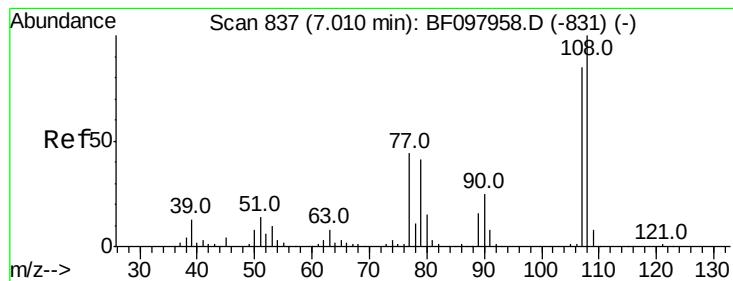
Tot Ion: 79 Resp: 249368
Ion Ratio Lower Upper
79 100
108 73.0 63.4 95.0
77 64.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.007 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion: 45 Resp: 354938
Ion Ratio Lower Upper
45 100
77 17.6 0.0 33.2
79 13.3 0.0 30.0





#17

2-Methylphenol

Concen: 40.522 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

Tot Ion:107 Resp: 223830

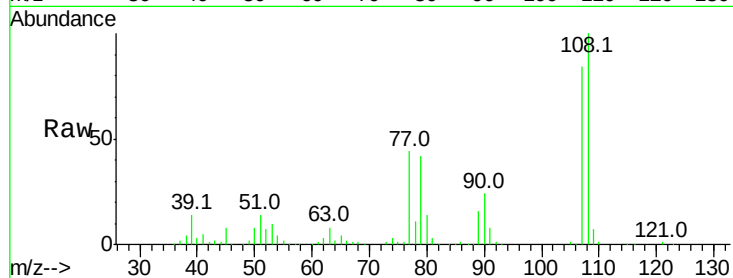
Ion Ratio Lower Upper

107 100

108 118.3 93.4 140.0

77 51.8 35.8 53.6

79 50.2 34.8 52.2

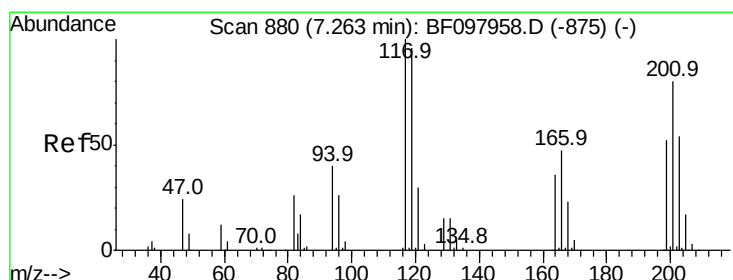
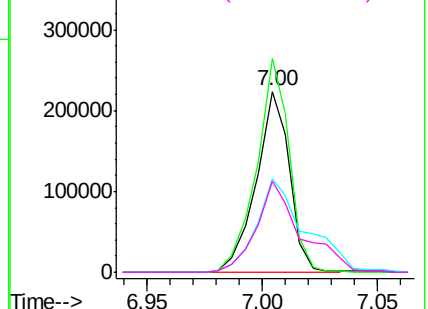
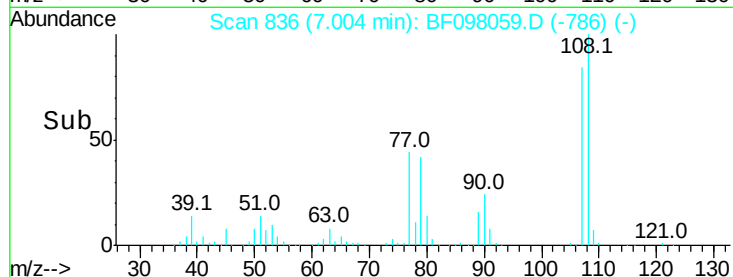


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.336 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

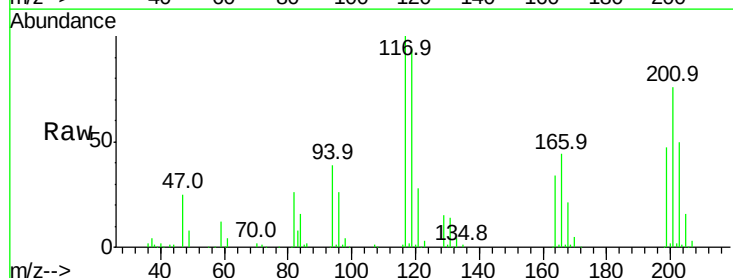
Tgt Ion:117 Resp: 103064

Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.0

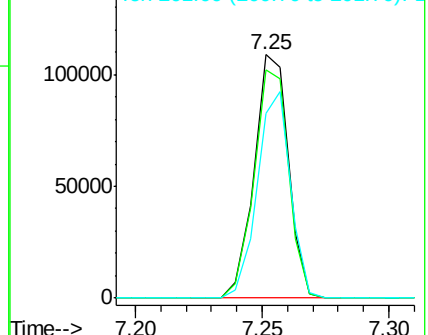
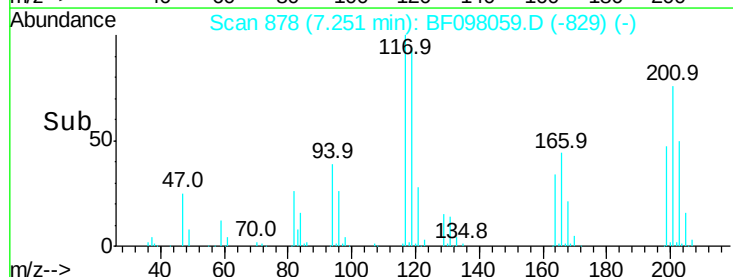
201 75.9 94.6 141.8#

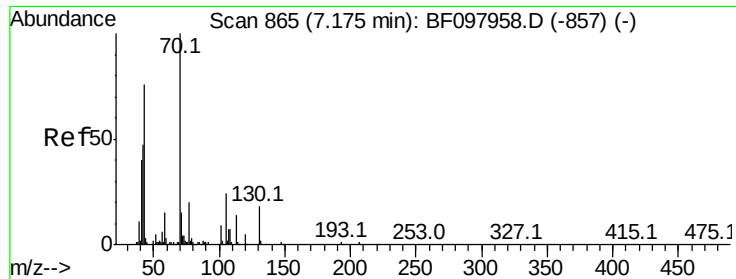


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

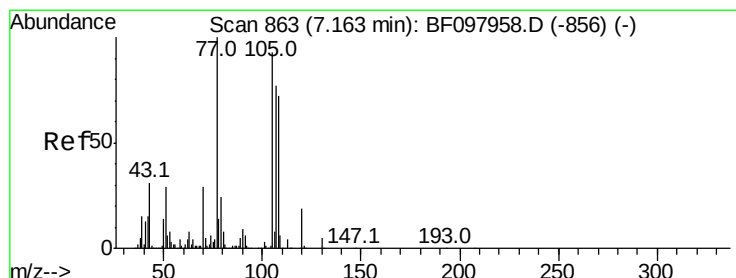
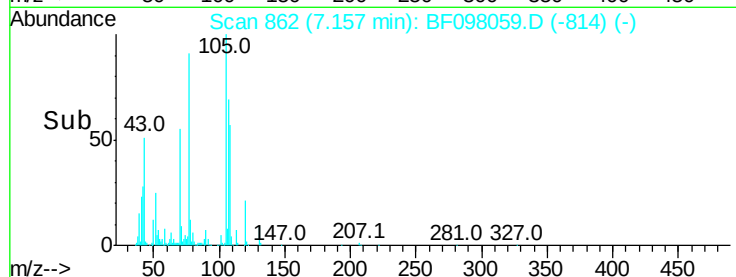
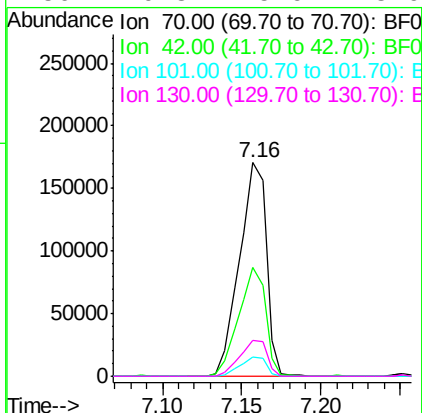
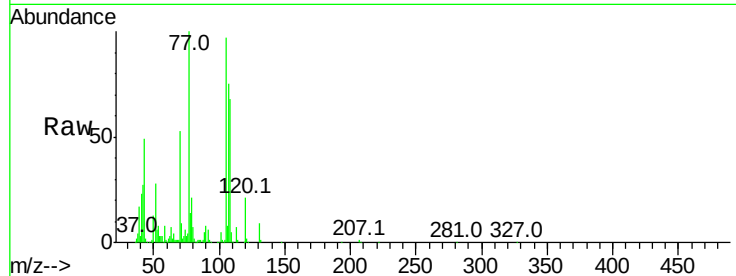




#19
n-Nitroso-di-n-propylamine
Concen: 36.188 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

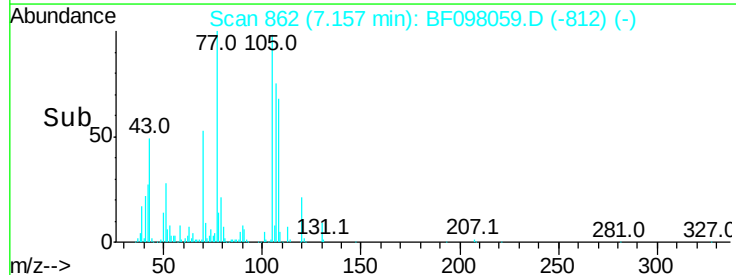
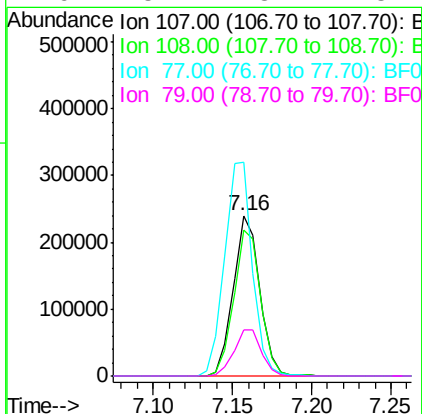
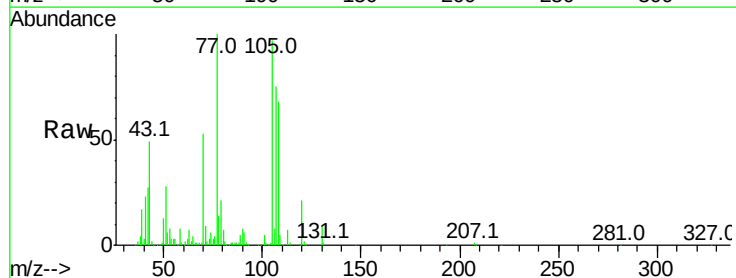
Instrument :
BNA_F
ClientSampleId :
PB101824BS

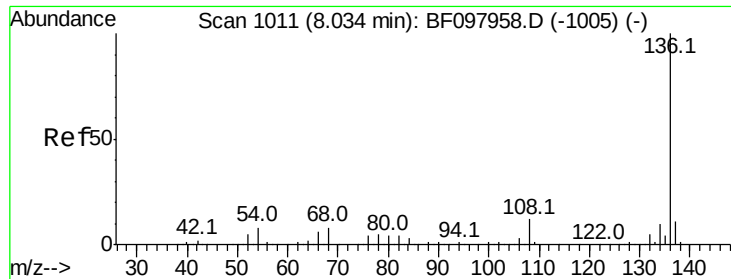
Tot Ion:	70	Resp:	200053
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.2	70.8
101	9.0	7.2	10.8
130	16.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.107 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:	107	Resp:	277329
Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.0	111.0
77	133.0	90.5	130.5#
79	28.4	8.4	48.4

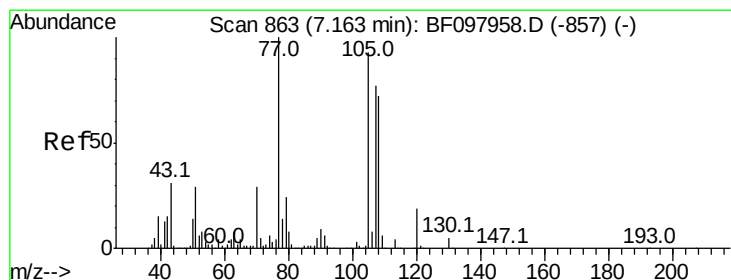
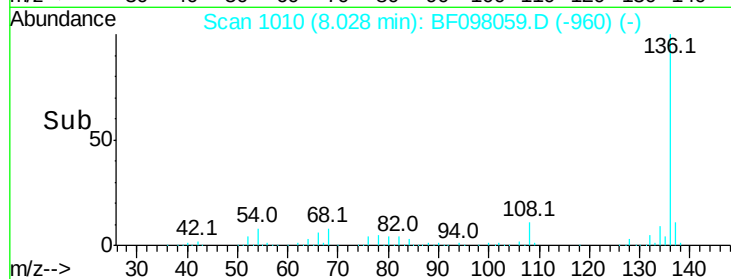
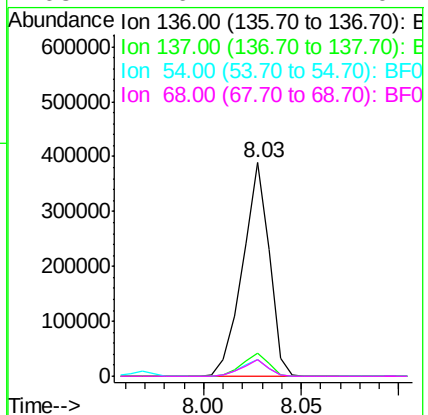
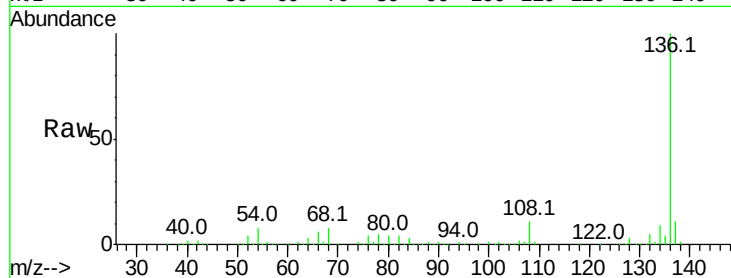




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

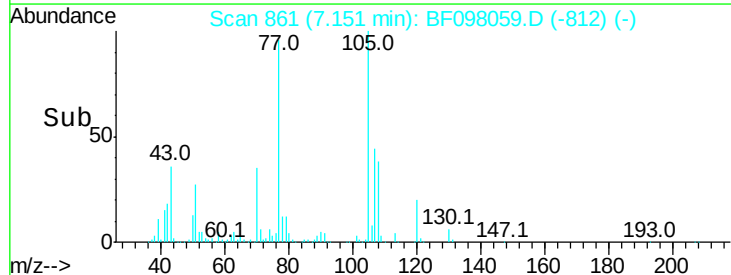
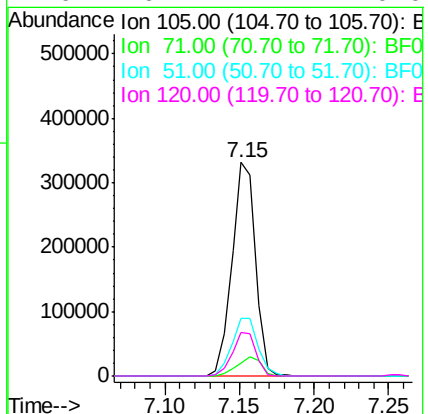
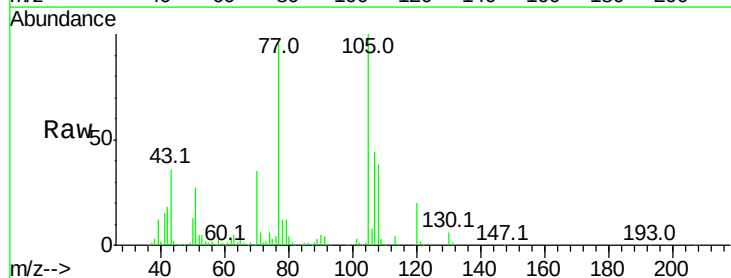
Instrument :
BNA_F
ClientSampleId :
PB101824BS

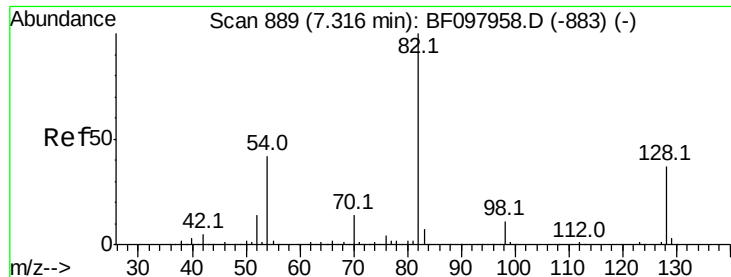
Tot Ion:	136	Resp:	367604
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.6	4.9	7.3#
68	7.6	4.1	6.1#



#22
Acetophenone
Concen: 37.733 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:	105	Resp:	366438
Ion	Ratio	Lower	Upper
105	100		
71	6.1	2.8	4.2#
51	27.0	30.7	46.1#
120	20.4	17.4	26.0

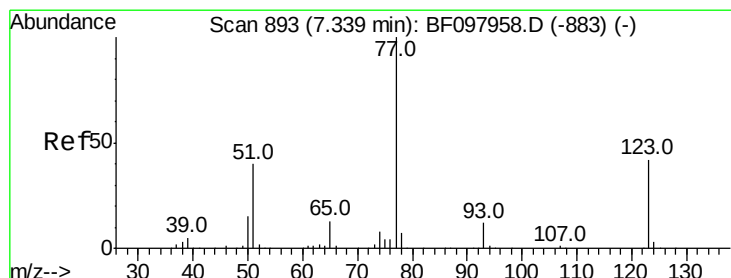
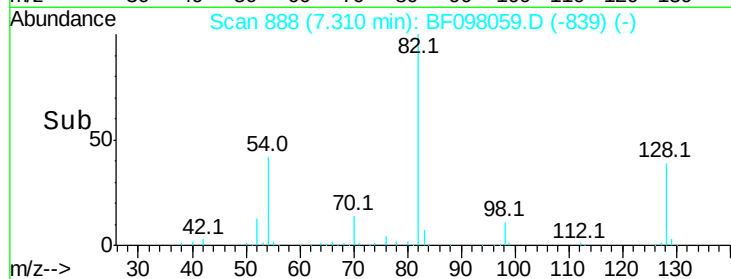
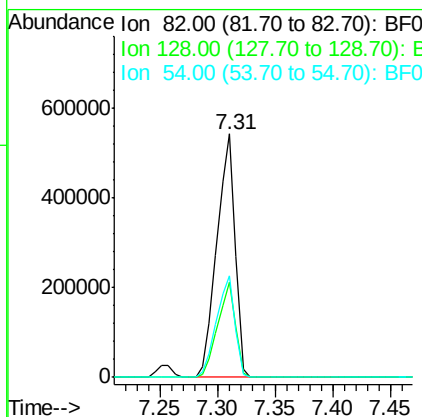
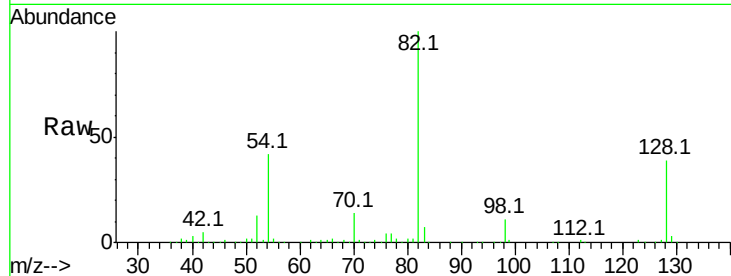




#23
 Nitrobenzene-d5
 Concen: 88.373 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

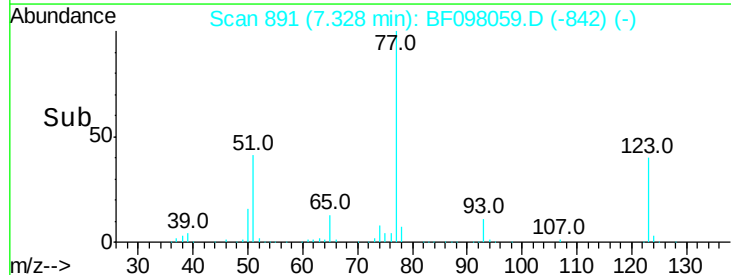
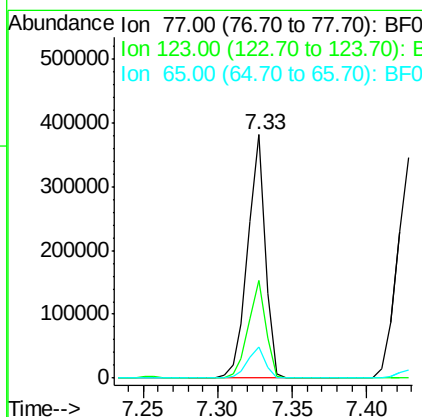
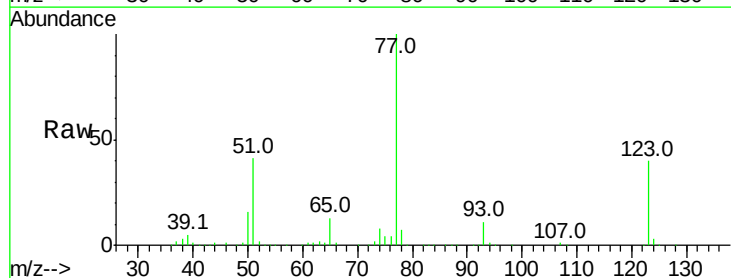
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

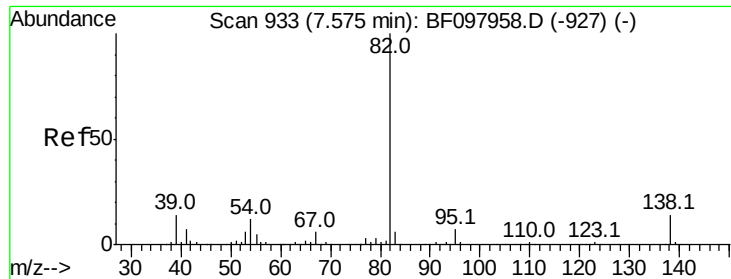
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	41.6	42.2	63.2#



#24
 Nitrobenzene
 Concen: 41.390 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 38.821 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

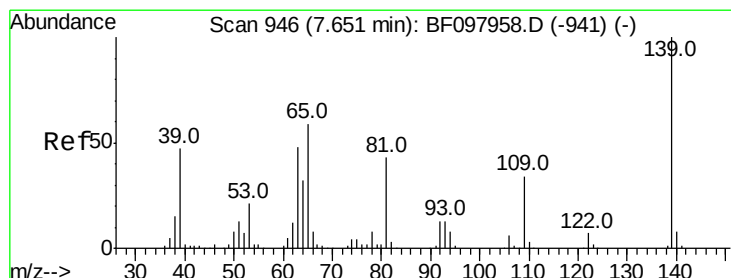
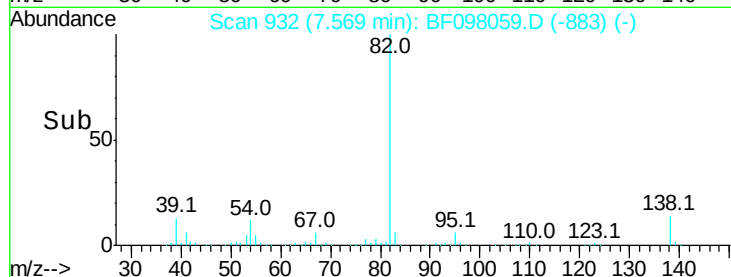
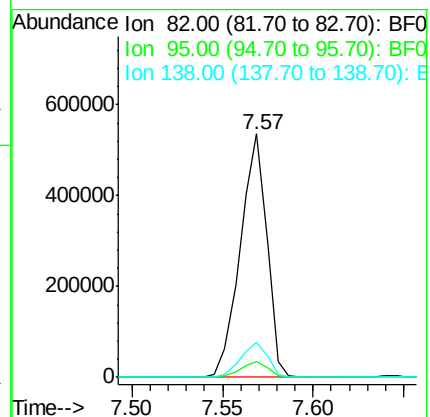
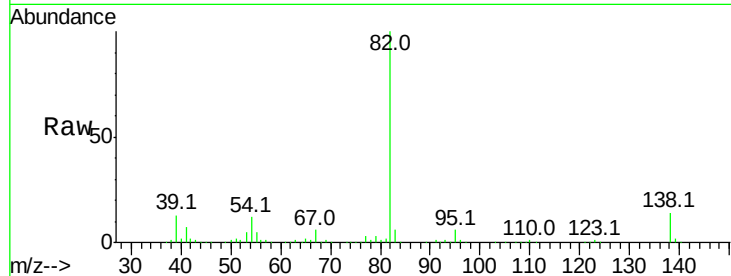
Tot Ion: 82 Resp: 546235

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 14.3 13.1 19.7



#26

2-Nitrophenol

Concen: 46.189 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

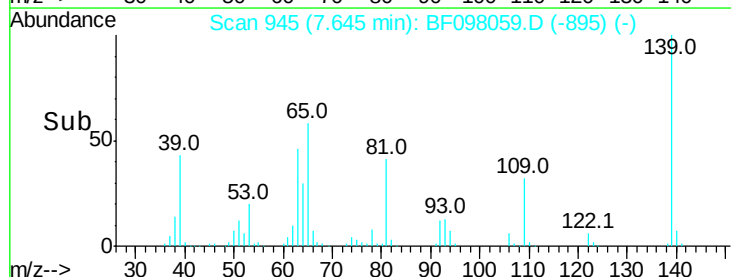
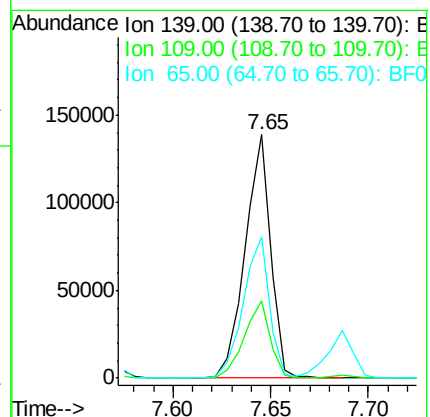
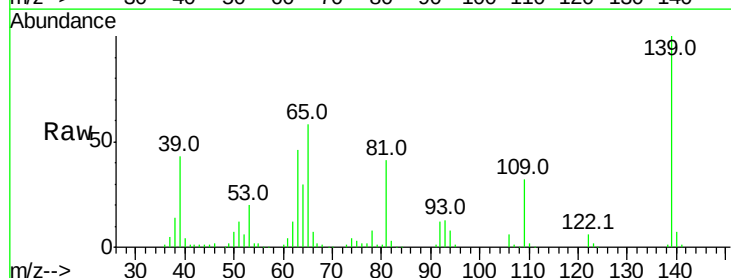
Tgt Ion: 139 Resp: 125474

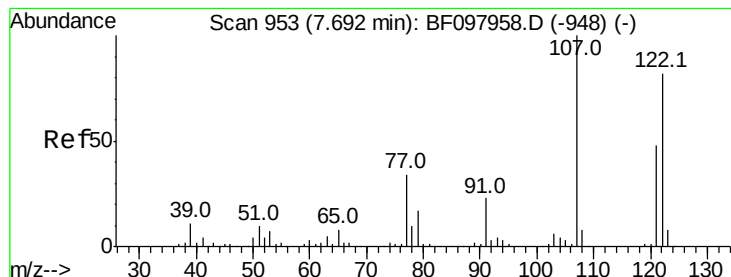
Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

65 58.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 38.523 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

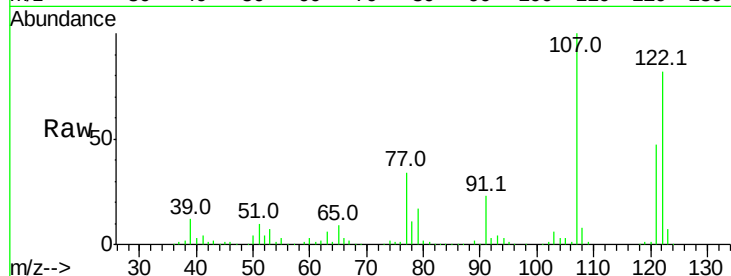
Tot Ion:122 Resp: 226059

Ion Ratio Lower Upper

122 100

107 121.5 89.2 133.8

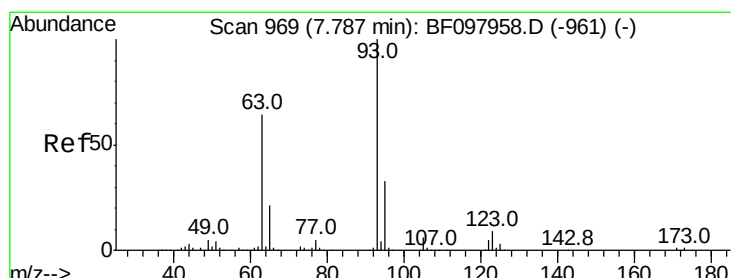
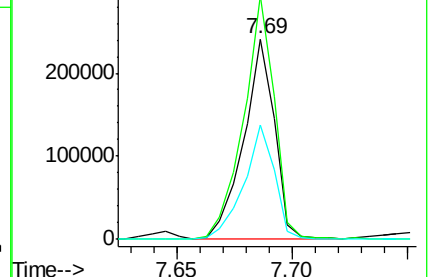
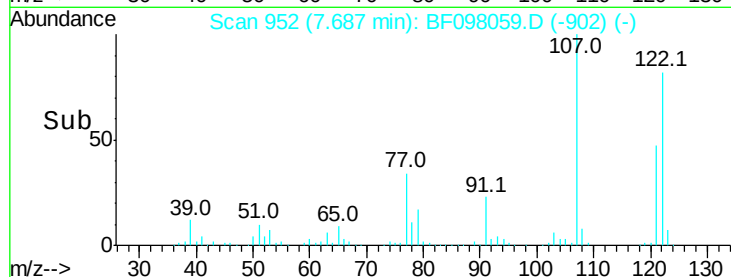
121 57.2 45.2 67.8



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: 37.498 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

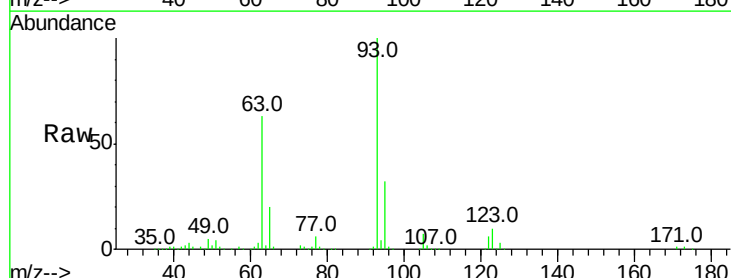
Tgt Ion: 93 Resp: 346874

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

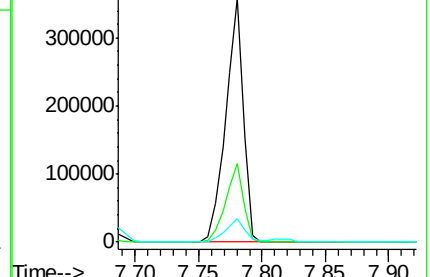
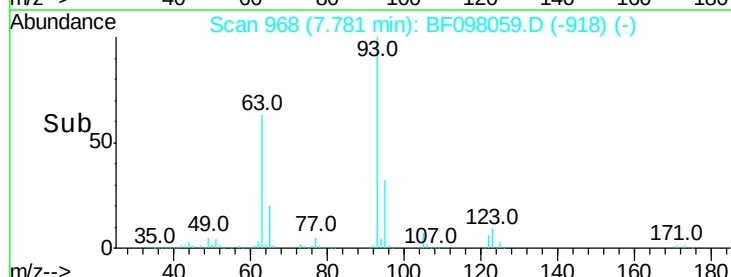
123 9.6 9.0 13.4

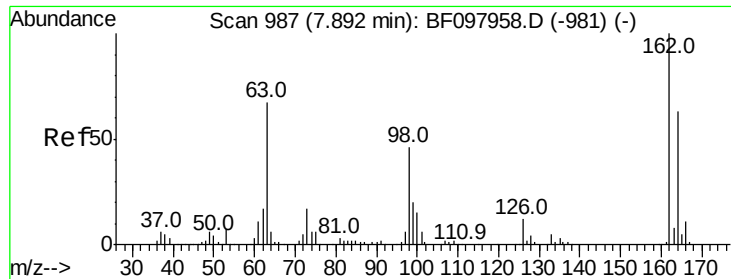


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

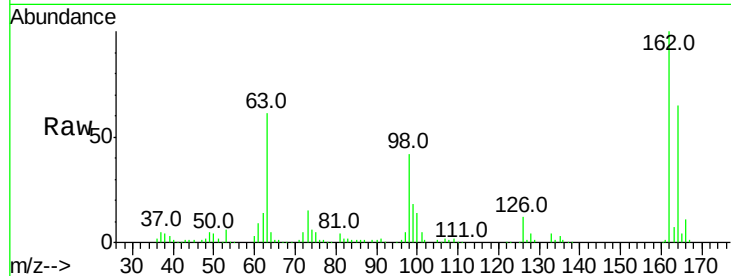




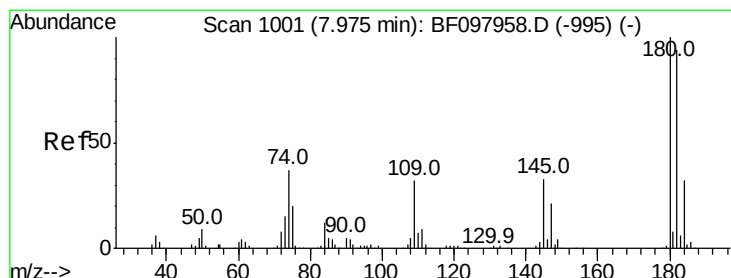
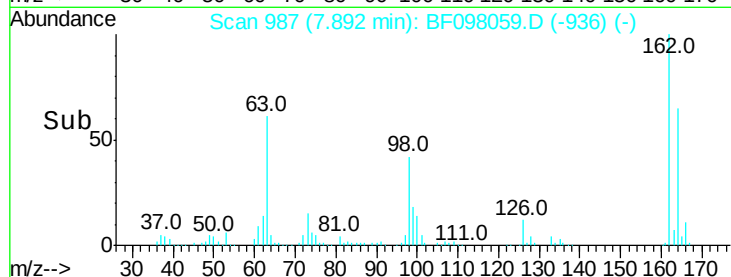
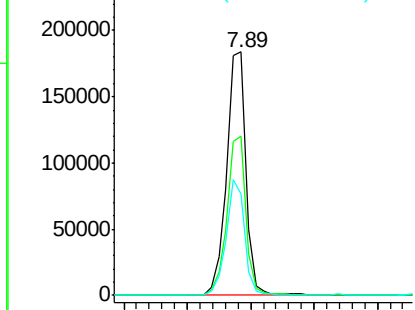
#29
 2,4-Dichlorophenol
 Concen: 39.723 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.6	84.6
98	41.8	14.8	54.8

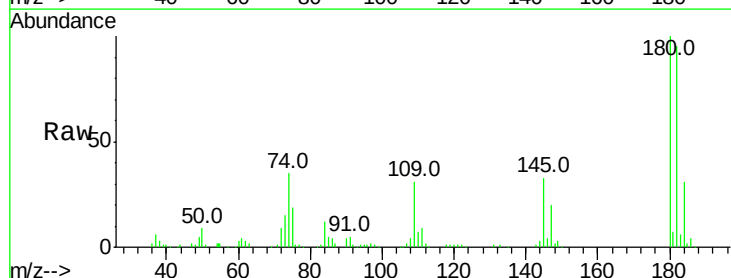


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

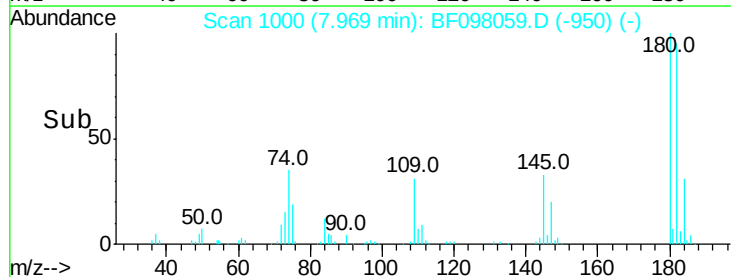
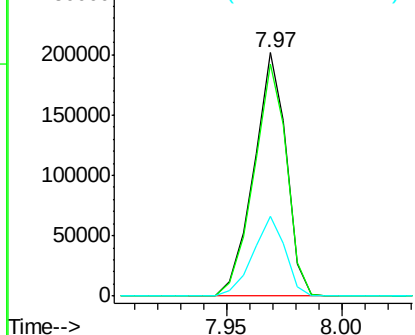


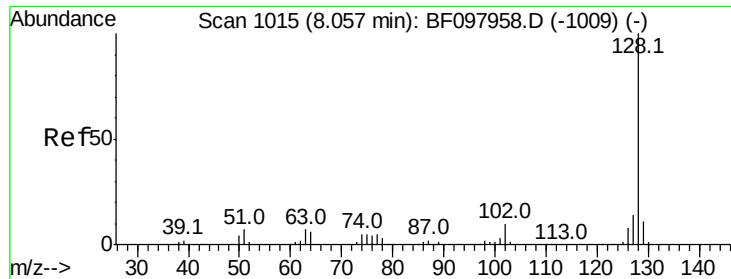
#30
 1,2,4-Trichlorobenzene
 Concen: 36.506 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	32.9	25.3	37.9



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

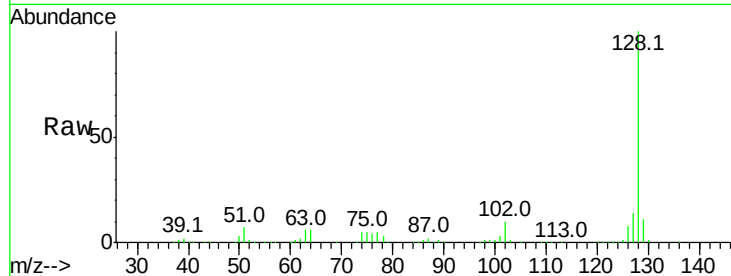




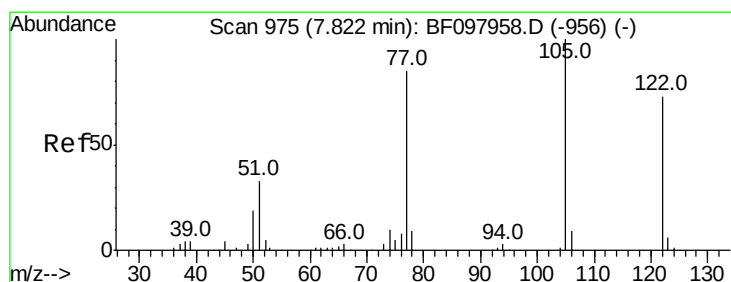
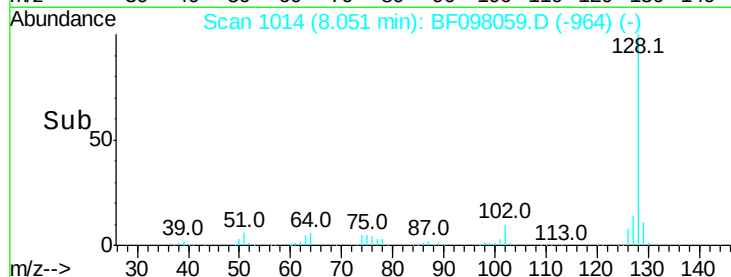
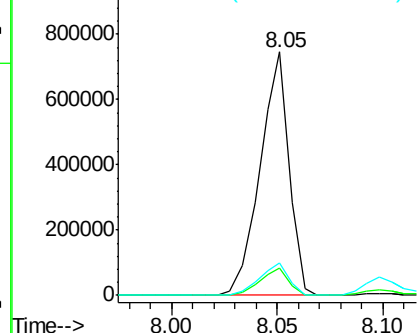
#31
Naphthalene
Concen: 37.192 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Instrument :
BNA_F
ClientSampleId :
PB101824BS

Tot Ion:128 Resp: 709771
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2

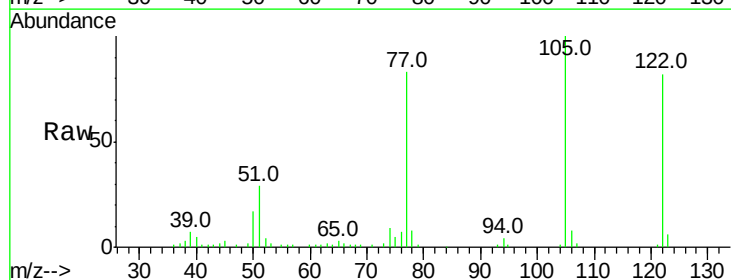


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

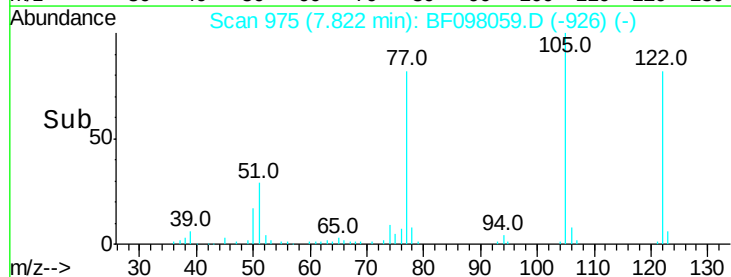
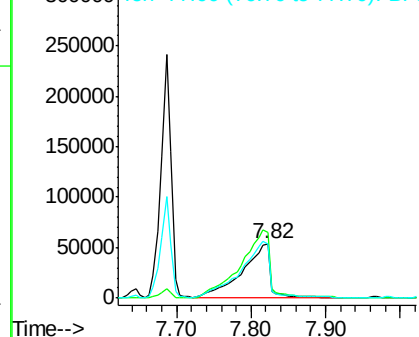


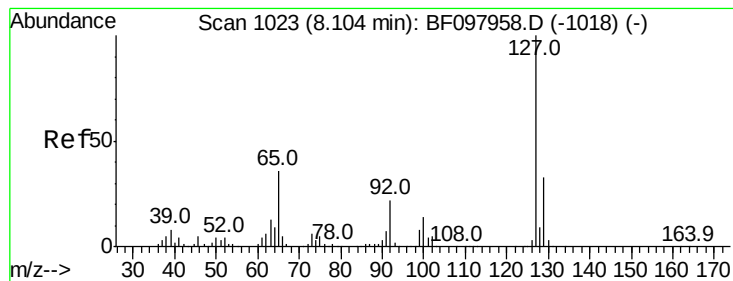
#32
Benzoic acid
Concen: 34.829 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:122 Resp: 140246
Ion Ratio Lower Upper
122 100
105 121.8 103.3 143.3
77 100.6 73.7 113.7



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: 10.081 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

Tot Ion:127 Resp: 81138

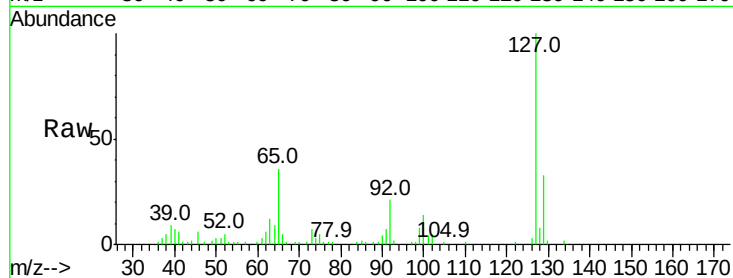
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 35.7 27.8 41.8

92 20.7 16.8 25.2

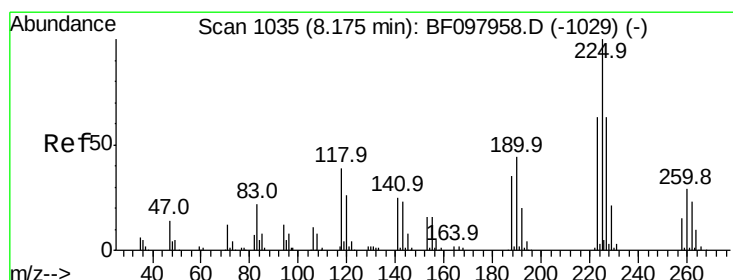
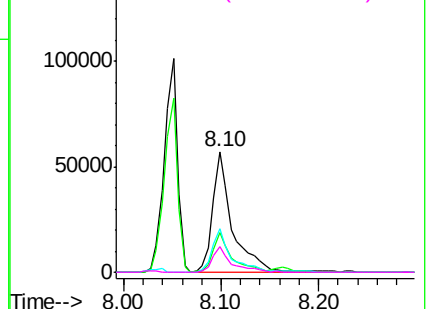
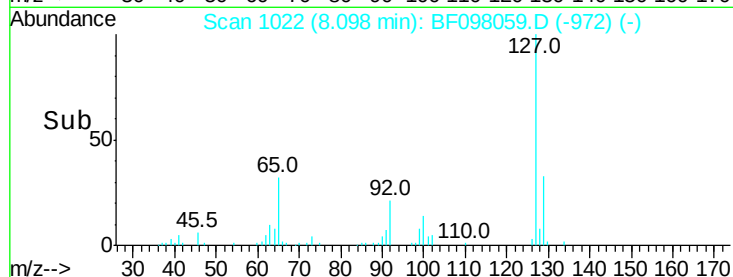


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.690 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

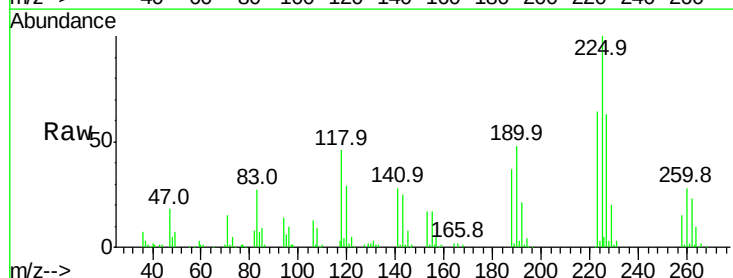
Tgt Ion:225 Resp: 112528

Ion Ratio Lower Upper

225 100

223 64.0 48.8 73.2

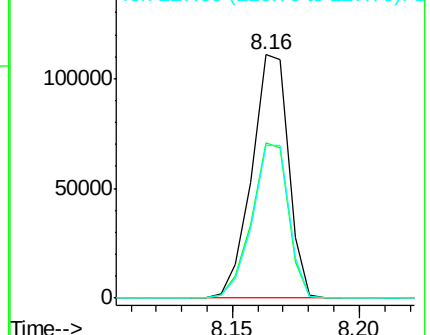
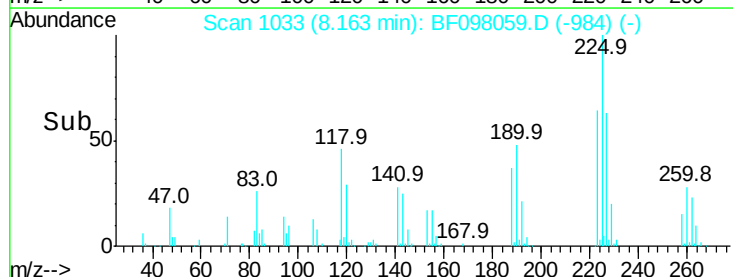
227 62.6 51.1 76.7

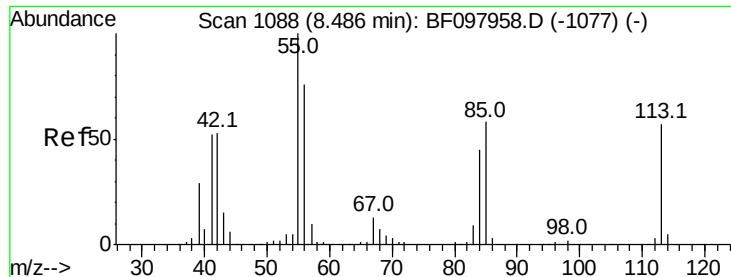


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.334 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

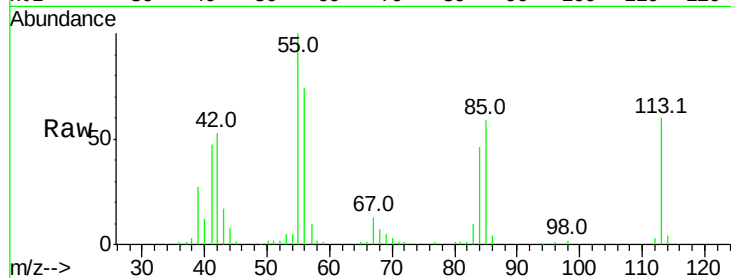
Tot Ion:113 Resp: 41953

Ion Ratio Lower Upper

113 100

55 167.2 150.2 190.2

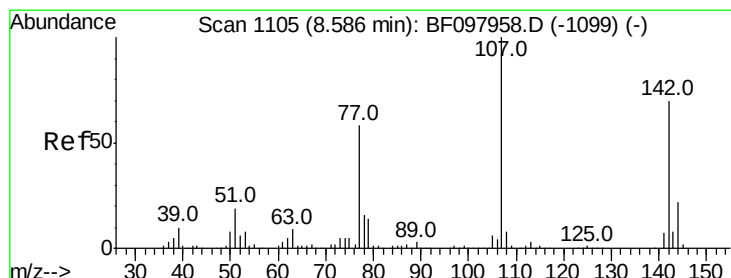
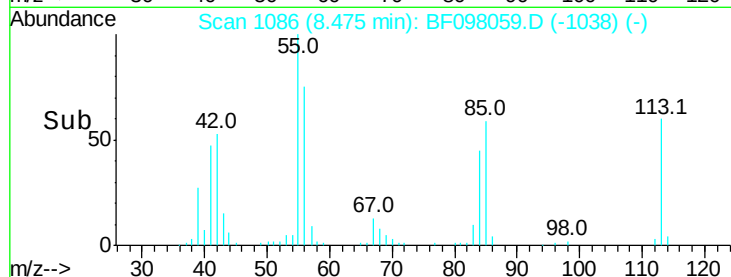
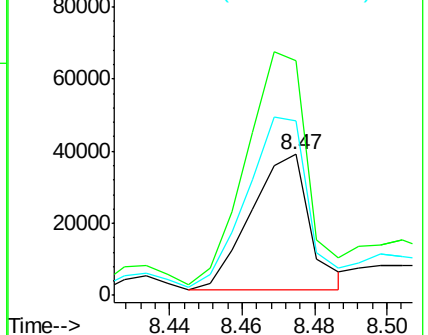
56 124.4 107.8 147.8



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: 38.657 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

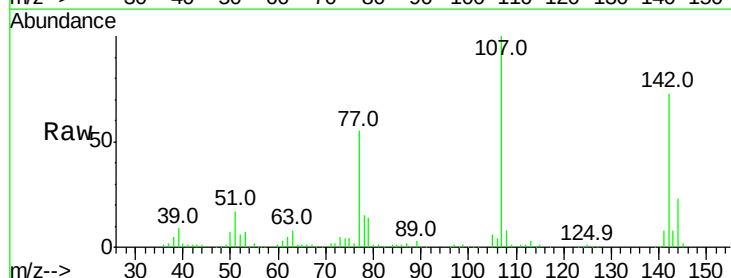
Tgt Ion:107 Resp: 241939

Ion Ratio Lower Upper

107 100

144 23.3 24.2 36.4#

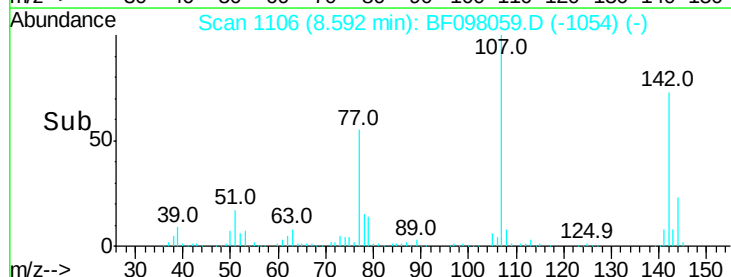
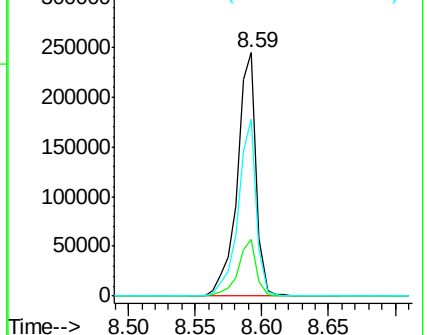
142 73.0 73.4 110.0#

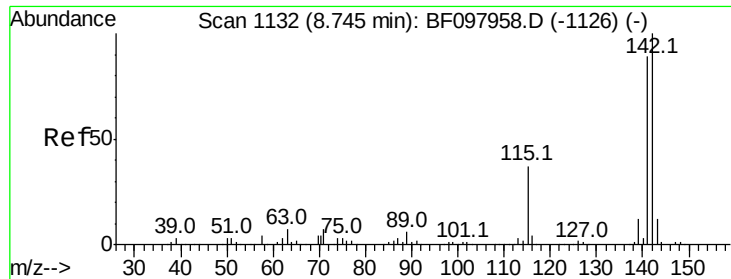


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.316 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

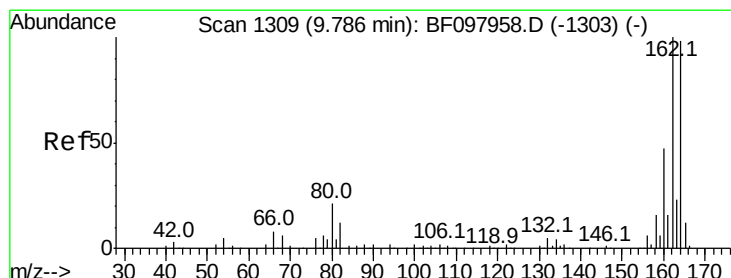
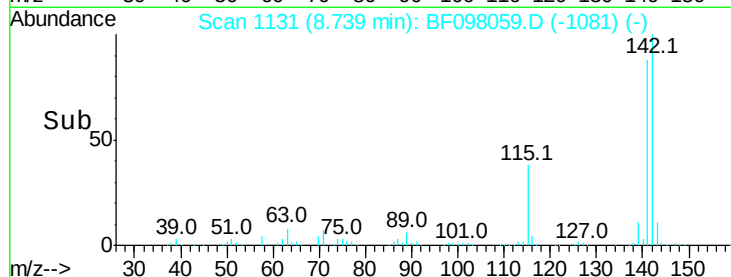
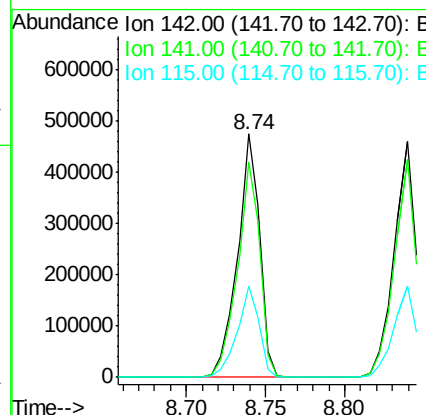
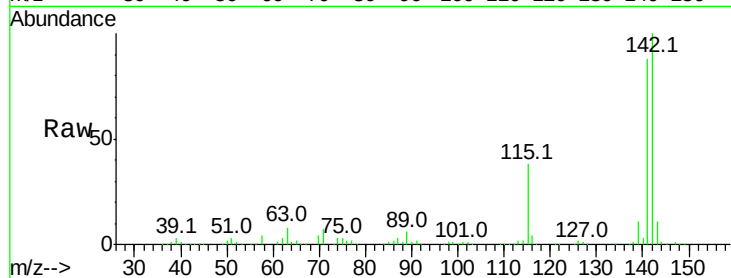
Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :
BNA_F
ClientSampleId :
PB101824BS

Tot Ion:142 Resp: 460010

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	37.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

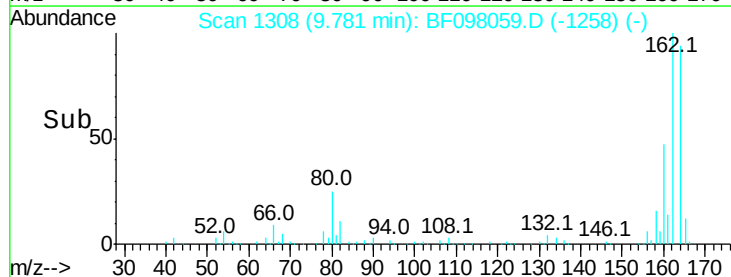
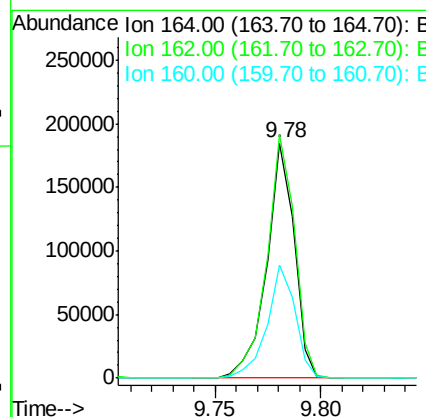
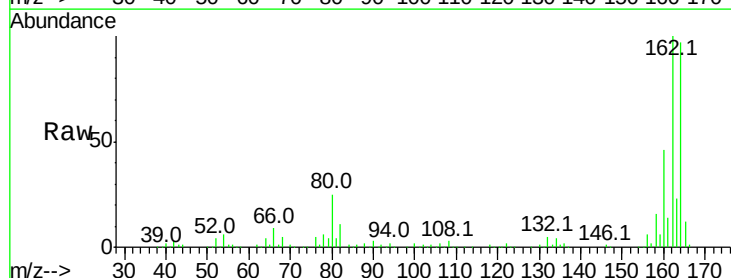
Delta R.T. -0.01 min

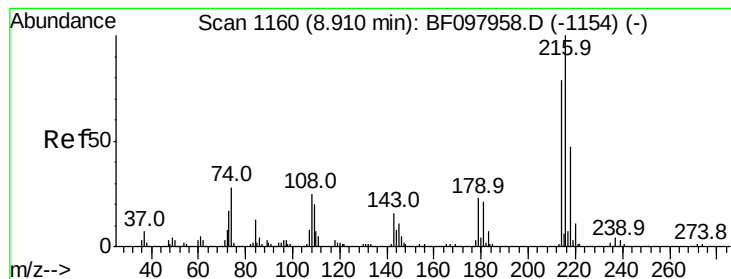
Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Tgt Ion:164 Resp: 168367

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	48.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.615 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

Tot Ion:216 Resp: 184027

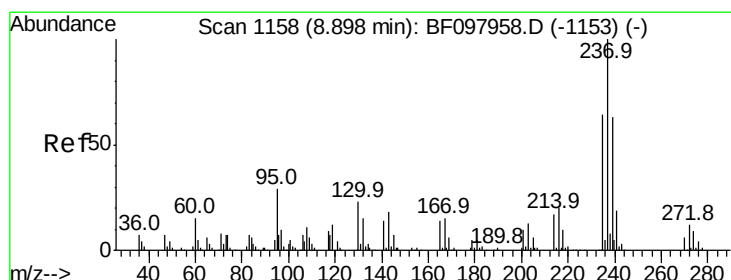
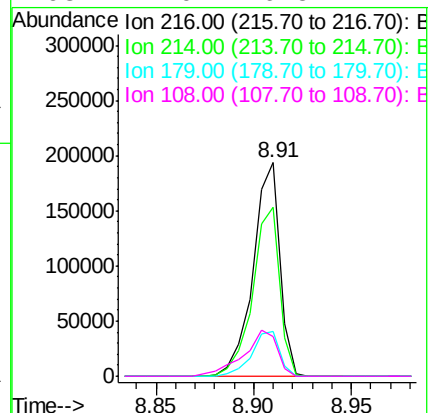
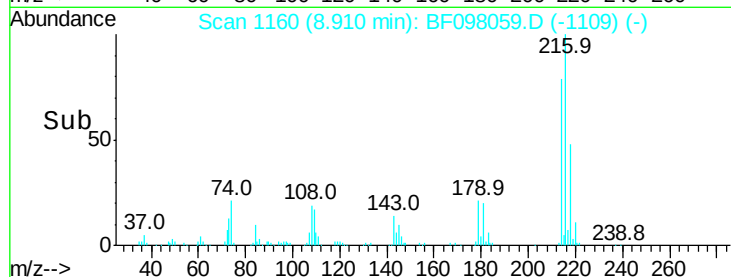
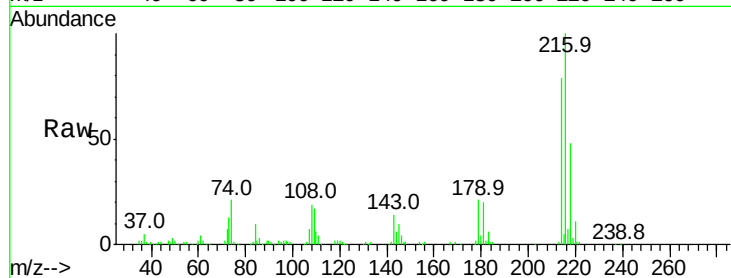
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.8 17.9 26.9

108 27.0 16.5 24.7#



#40

Hexachlorocyclopentadiene

Concen: 85.922 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

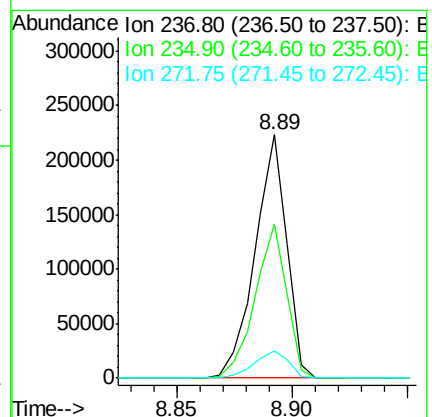
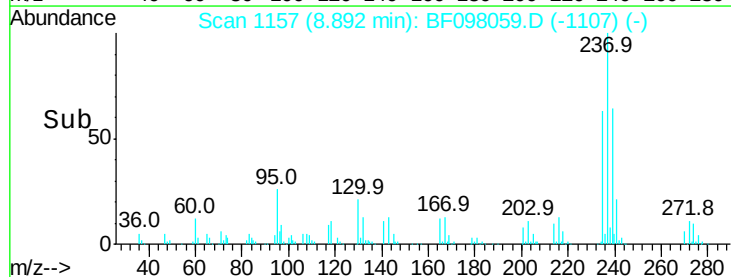
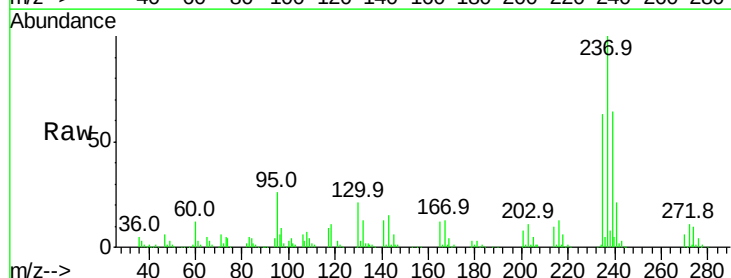
Tgt Ion:237 Resp: 213288

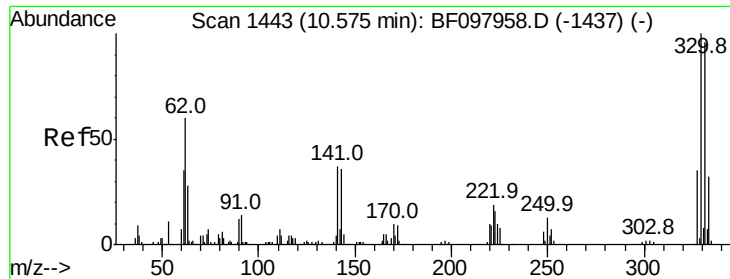
Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

272 11.4 0.0 31.9

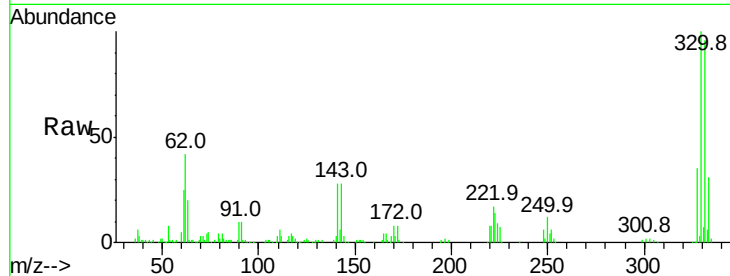




#41
 2,4,6-Tribromophenol
 Concen: 125.185 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.6	31.4	47.2

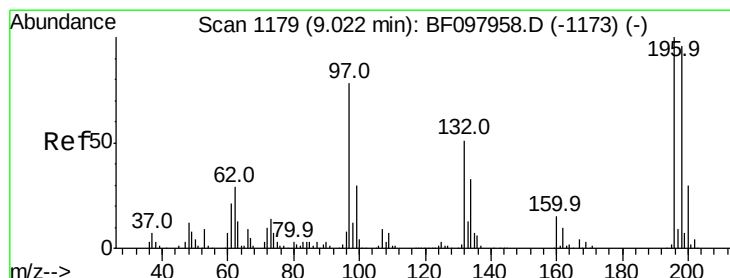
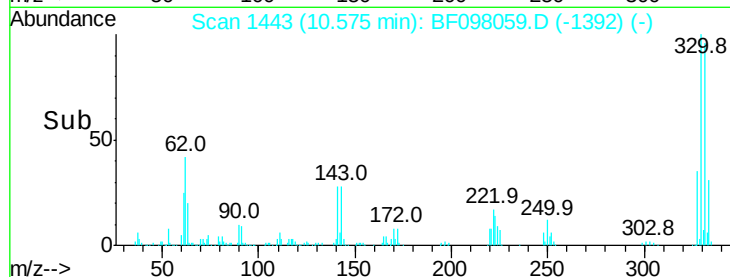
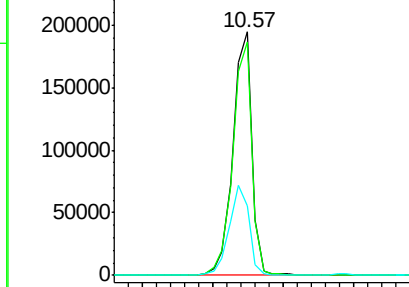


Abundance

Ion 329.80 (329.50 to 330.50): E

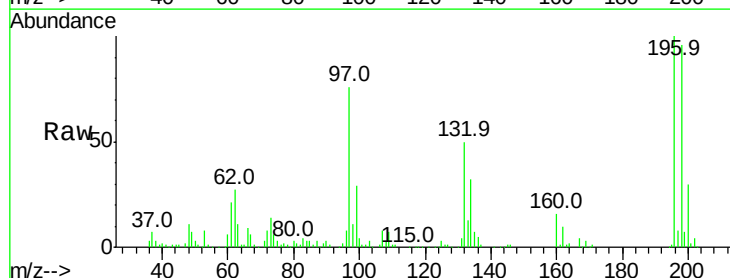
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.142 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.4
200	30.5	24.0	36.0

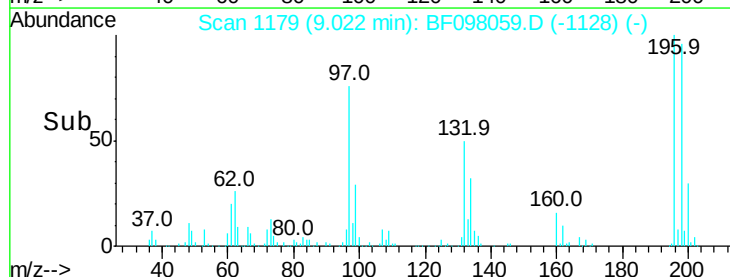
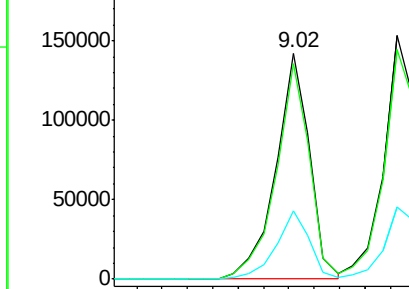


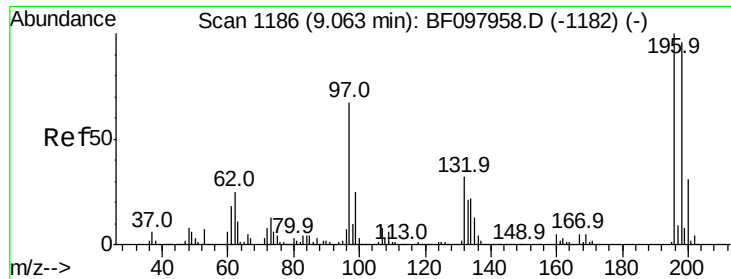
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

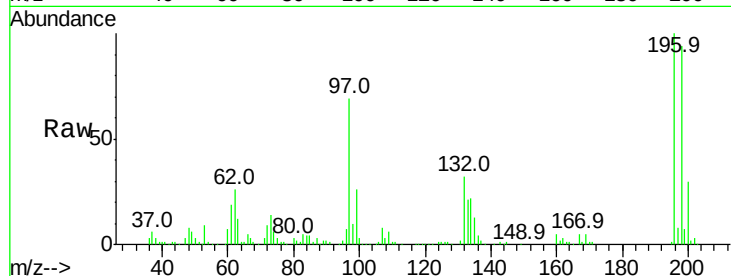




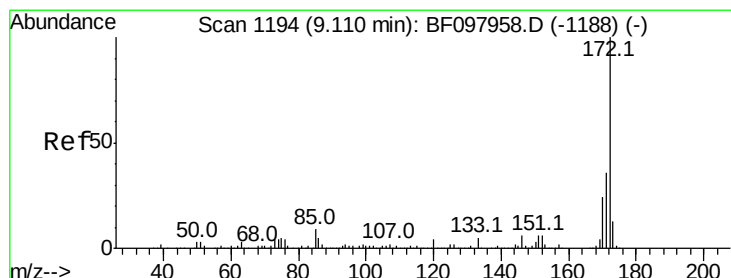
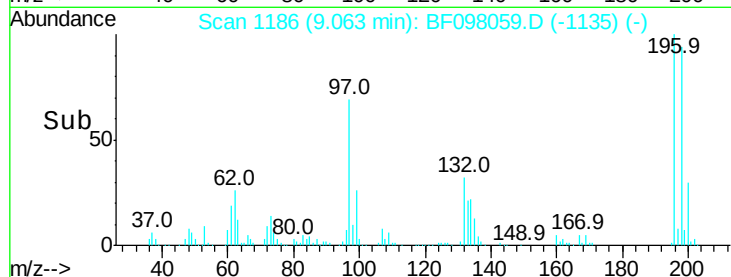
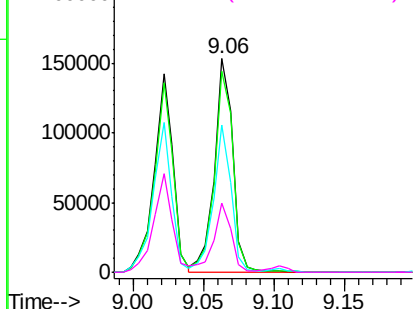
#43
 2,4,5-Trichlorophenol
 Concen: 40.302 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Tot Ion:196 Resp: 138701
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 97 68.9 47.7 71.5
 132 32.4 28.0 42.0

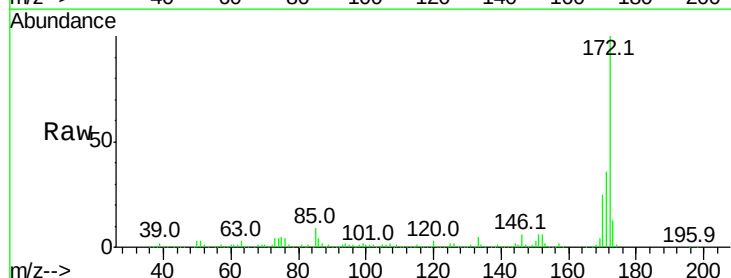


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

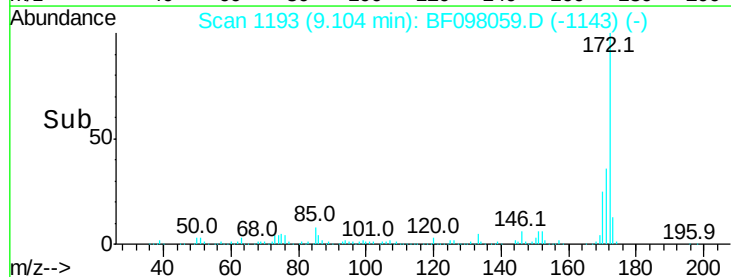
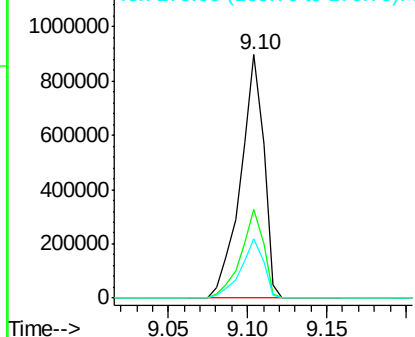


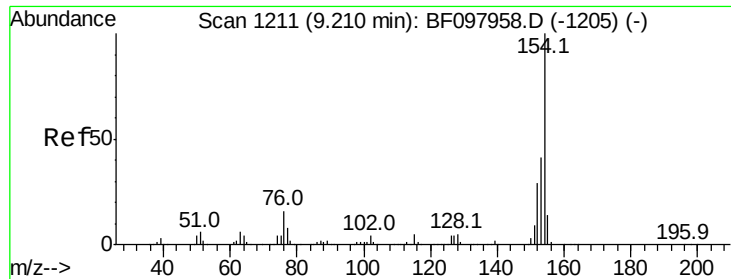
#44
 2-Fluorobiphenyl
 Concen: 79.159 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:172 Resp: 907144
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 19.8 29.8



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: 35.405 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

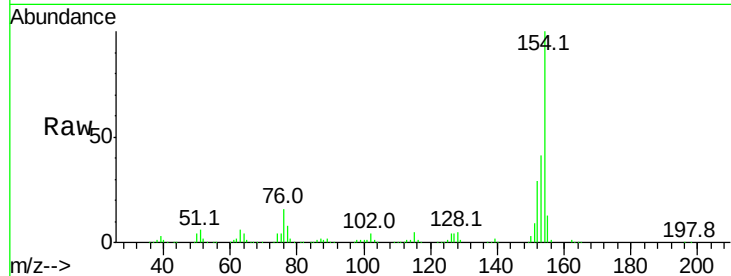
Tot Ion:154 Resp: 543596

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

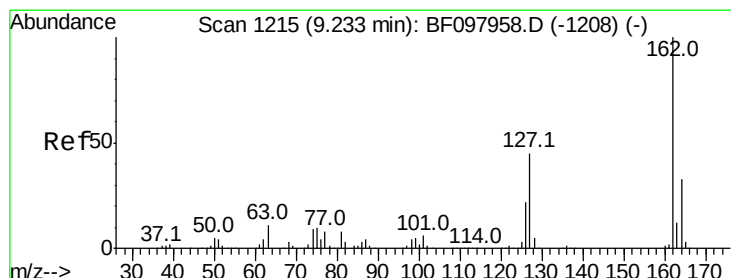
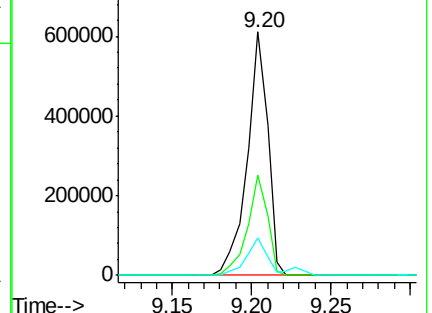
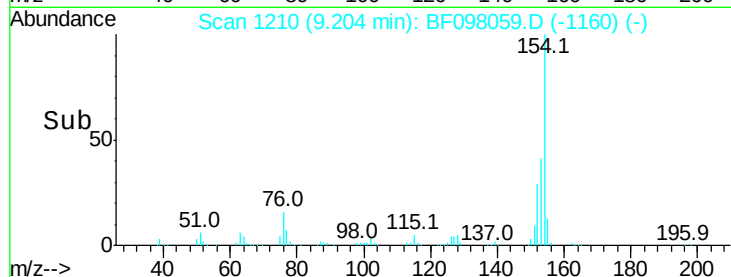
76 15.6 0.0 29.9



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: 35.388 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

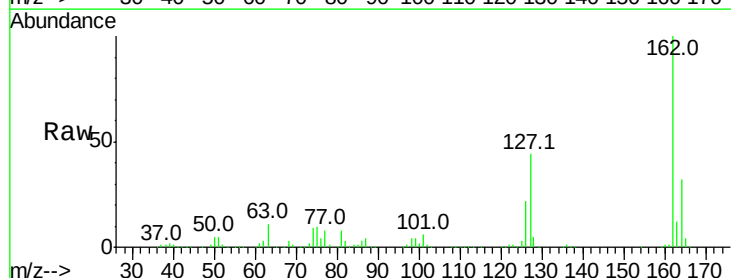
Tgt Ion:162 Resp: 401451

Ion Ratio Lower Upper

162 100

127 44.4 28.3 42.5#

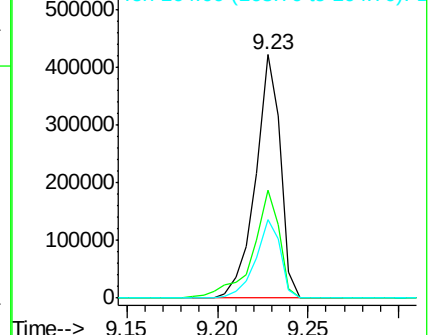
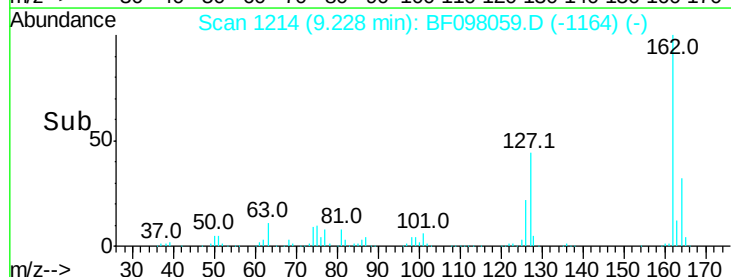
164 32.3 27.0 40.4

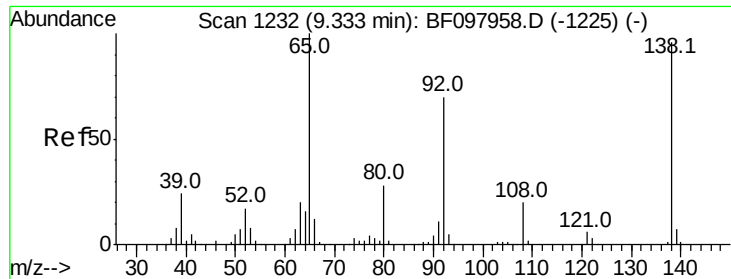


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

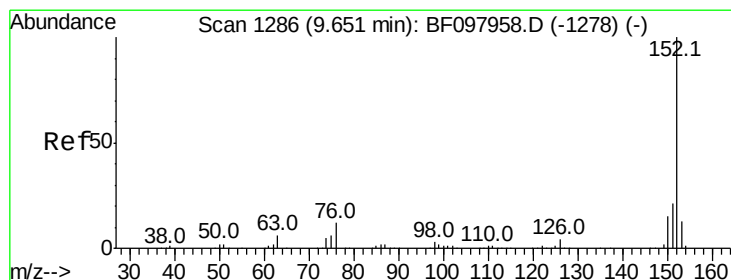
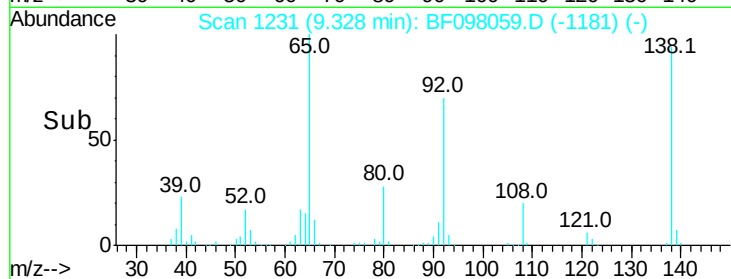
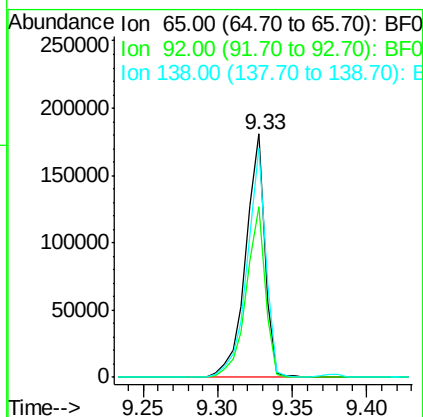
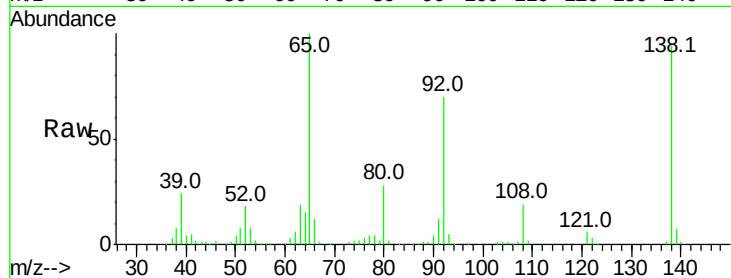




#47
2-Nitroaniline
Concen: 42.353 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

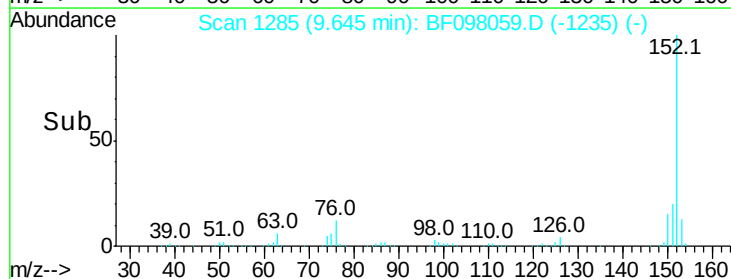
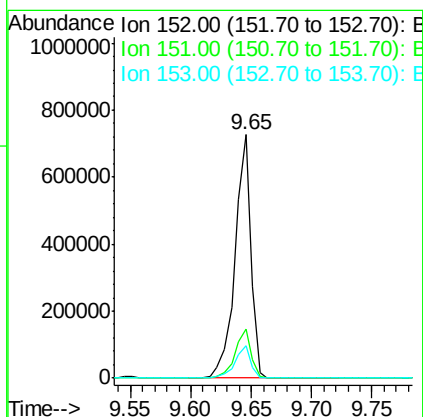
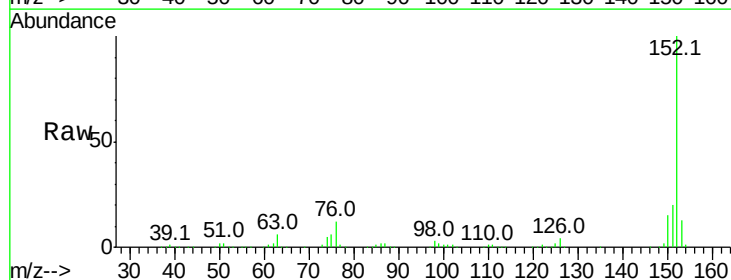
Instrument :
BNA_F
ClientSampleId :
PB101824BS

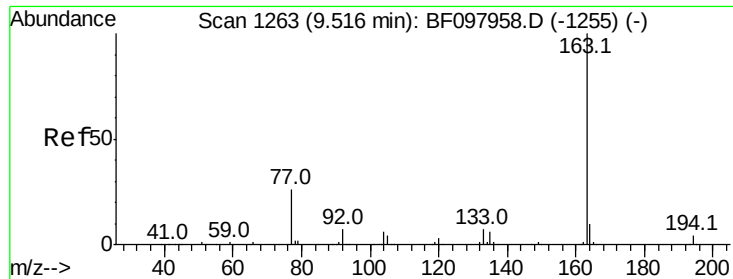
Tot Ion: 65 Resp: 161071
Ion Ratio Lower Upper
65 100
92 69.9 53.9 80.9
138 94.1 78.8 118.2



#48
Acenaphthylene
Concen: 37.407 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion: 152 Resp: 666398
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.3 10.8 16.2

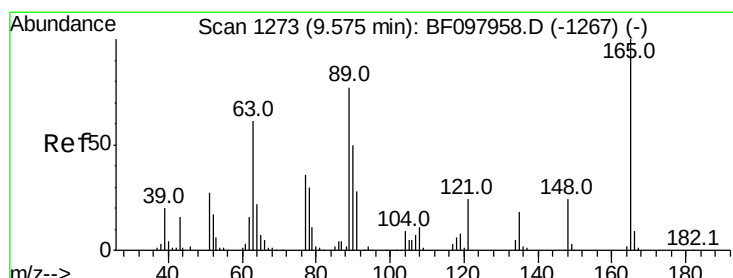
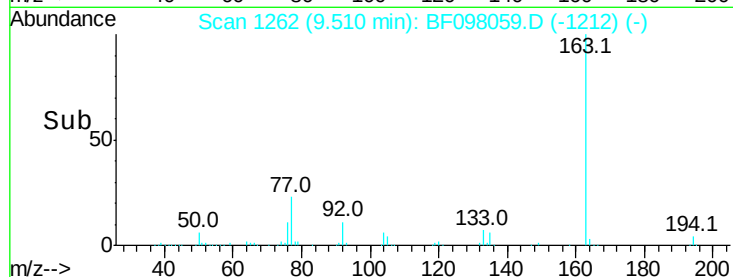
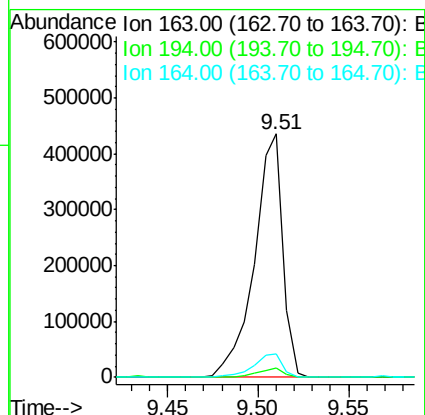
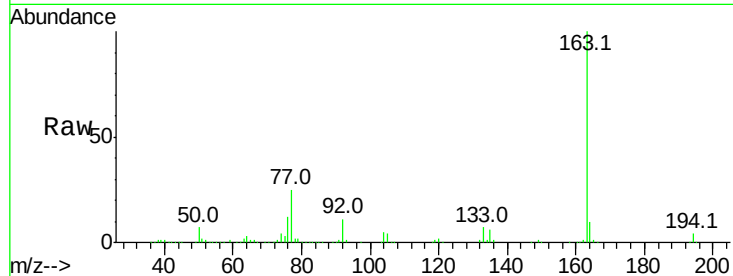




#49
Dimethylphthalate
Concen: 38.528 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

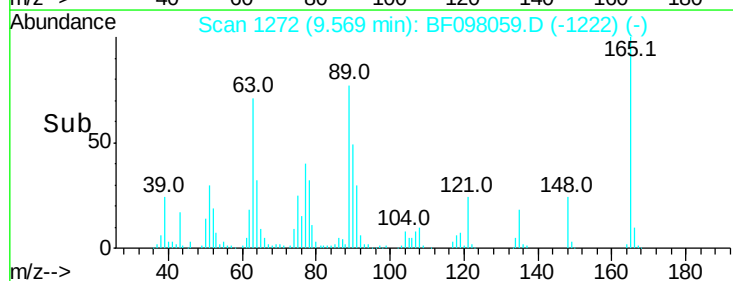
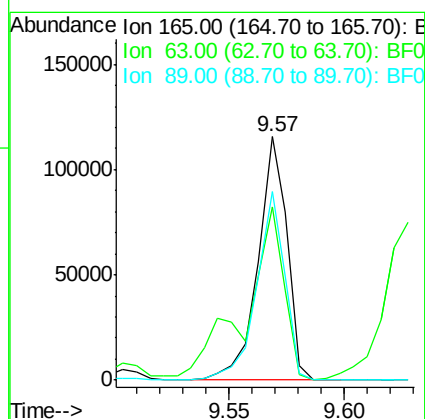
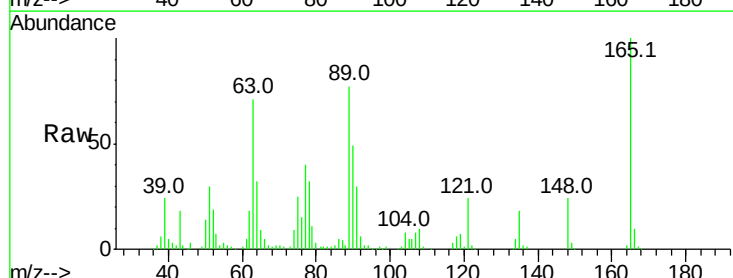
Instrument :
BNA_F
ClientSampleId :
PB101824BS

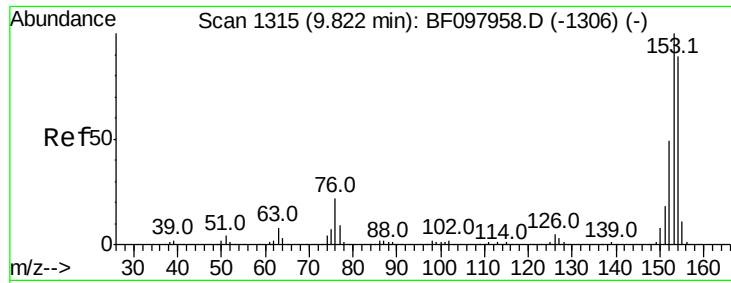
Tot Ion:163 Resp: 474170
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.229 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:165 Resp: 101285
Ion Ratio Lower Upper
165 100
63 71.2 34.3 51.5#
89 77.4 37.1 55.7#





#51

Acenaphthene

Concen: 35.272 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

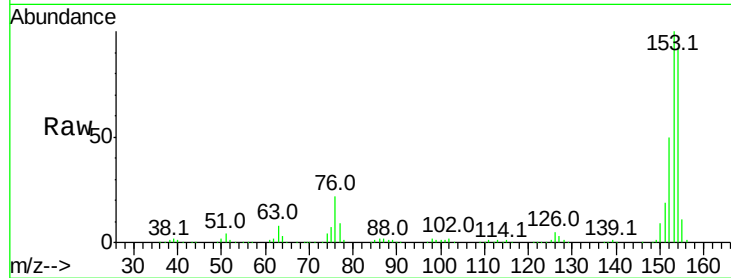
Tot Ion:154 Resp: 396295

Ion Ratio Lower Upper

154 100

153 108.5 90.5 135.7

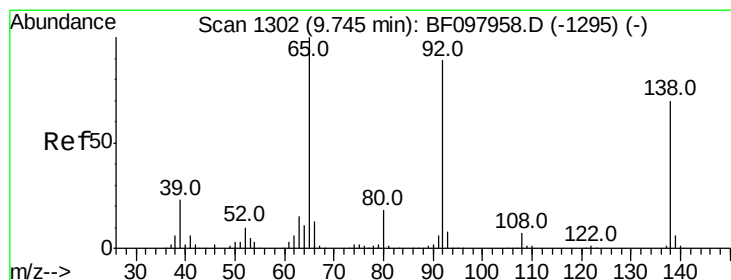
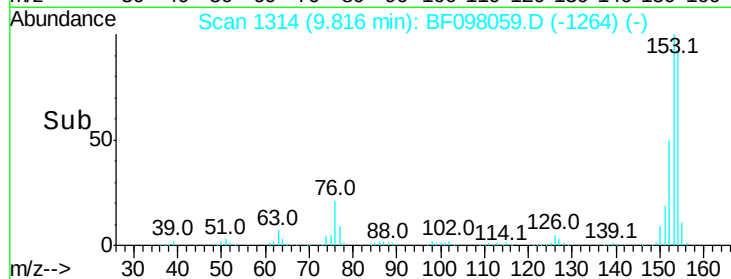
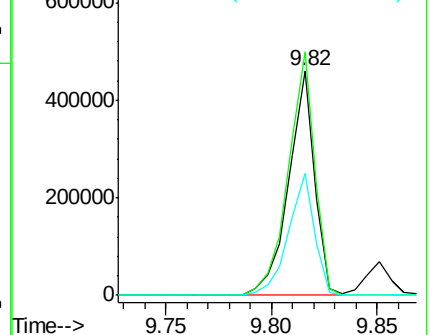
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.361 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

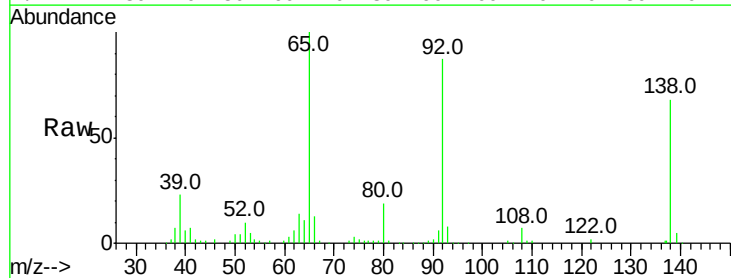
Tgt Ion:138 Resp: 51855

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

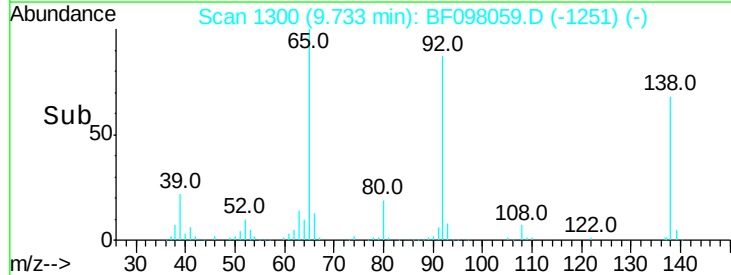
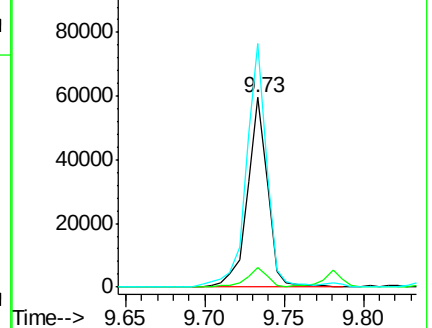
92 128.6 93.8 140.6

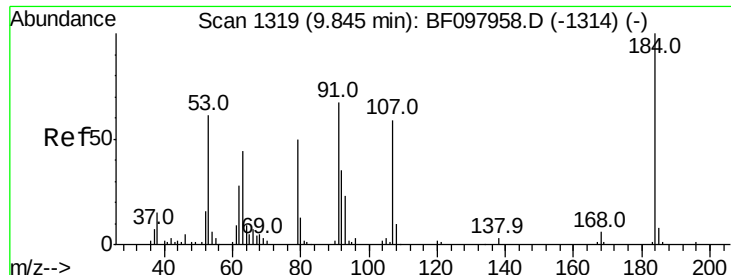


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

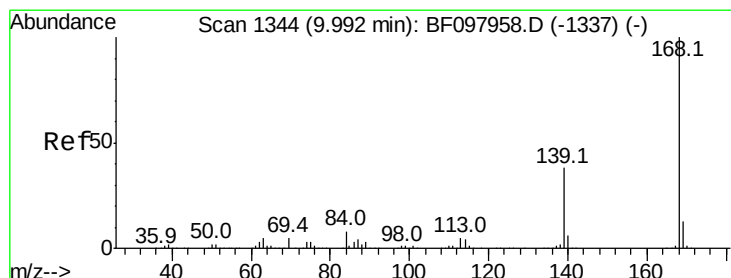
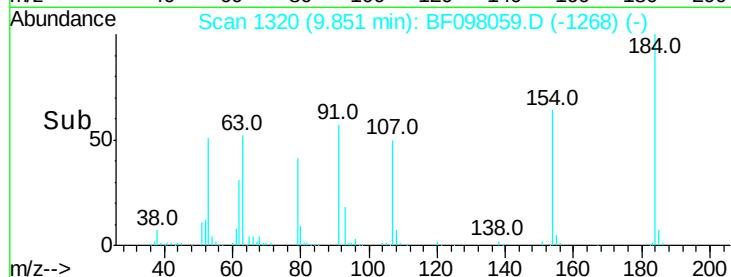
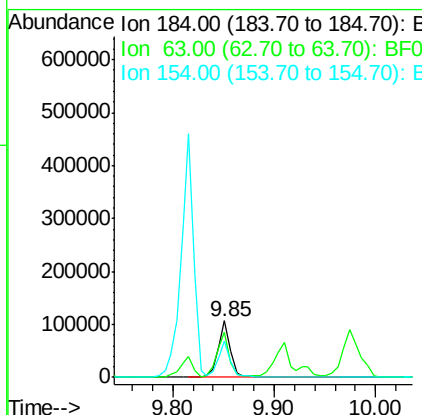
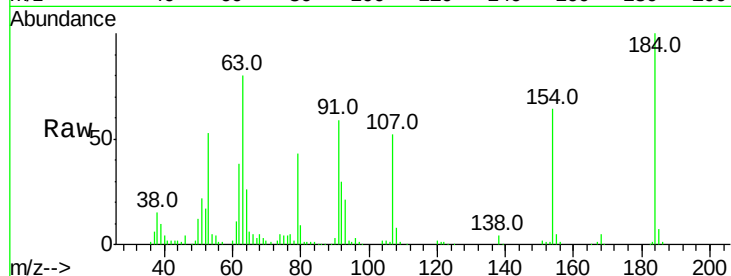




#53
 2,4-Dinitrophenol
 Concen: 79.848 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

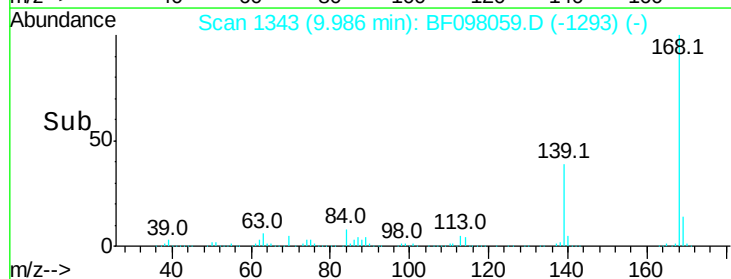
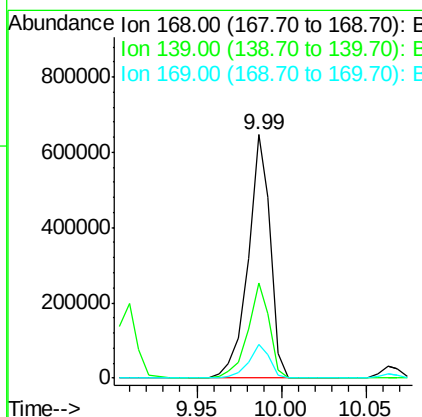
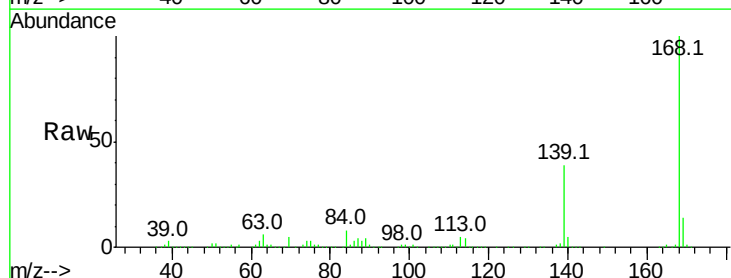
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

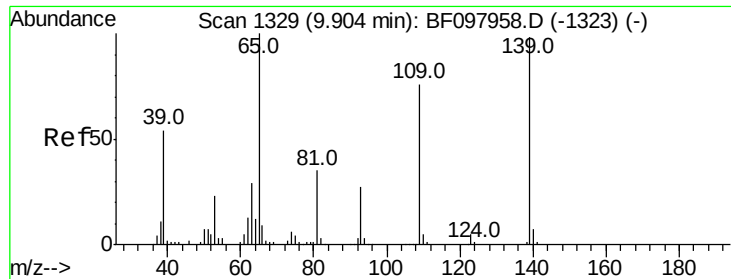
Tot Ion:184 Resp: 93283
 Ion Ratio Lower Upper
 184 100
 63 80.0 62.7 94.1
 154 64.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.091 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:168 Resp: 588636
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.6 10.8 16.2

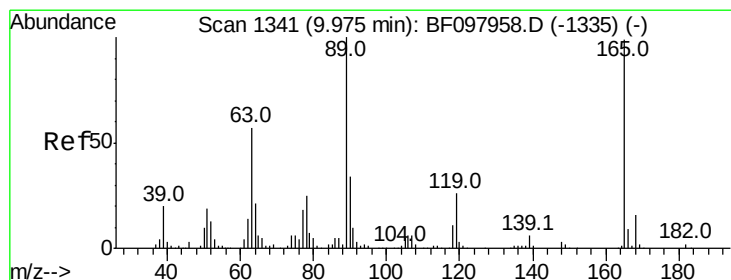
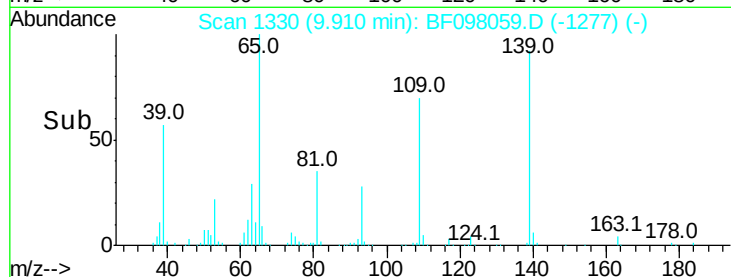
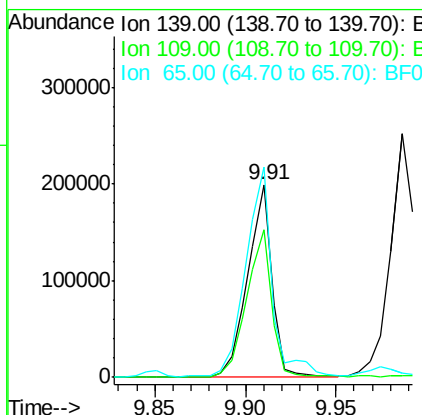
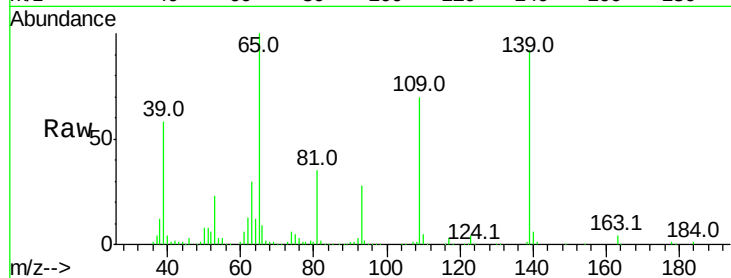




#55
4-Nitrophenol
Concen: 73.639 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

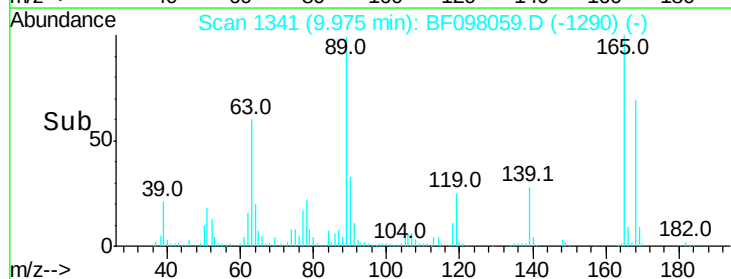
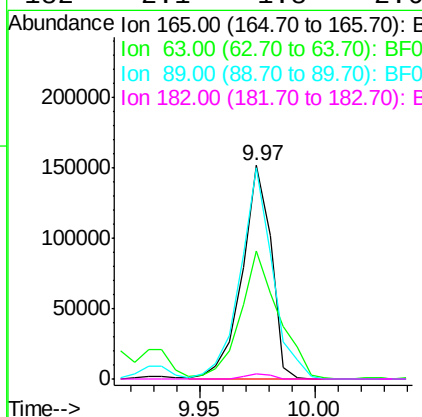
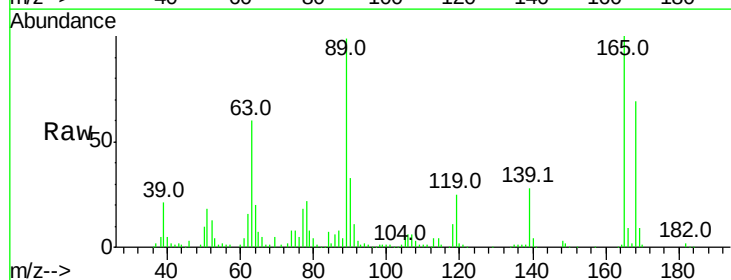
Instrument :
BNA_F
ClientSampleId :
PB101824BS

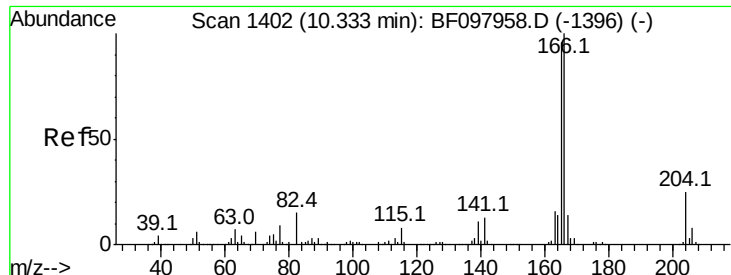
Tot Ion:139 Resp: 186185
Ion Ratio Lower Upper
139 100
109 76.5 34.1 74.1#
65 109.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.413 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:165 Resp: 133841
Ion Ratio Lower Upper
165 100
63 59.7 25.4 38.0#
89 98.9 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 38.436 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

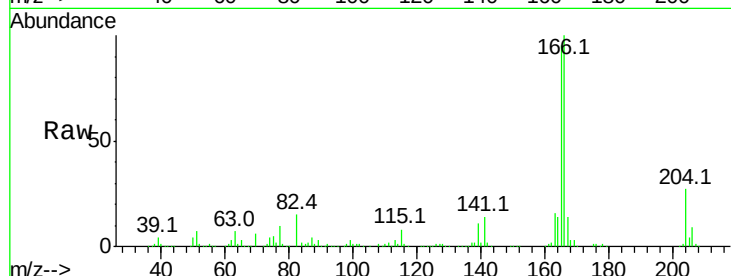
Tot Ion:166 Resp: 447477

Ion Ratio Lower Upper

166 100

165 95.3 78.8 118.2

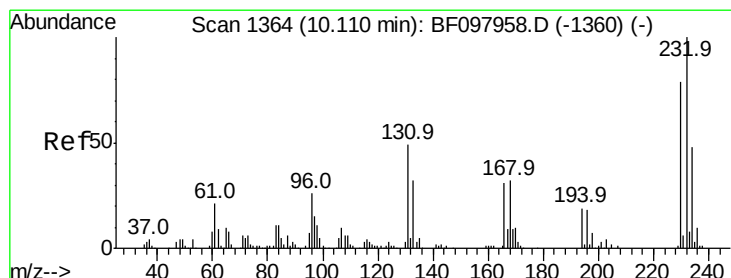
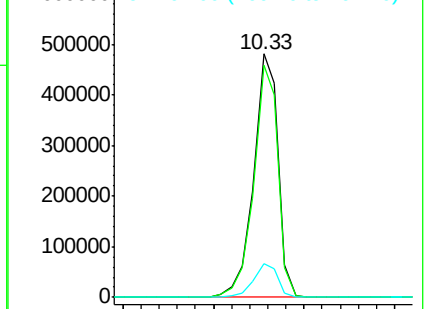
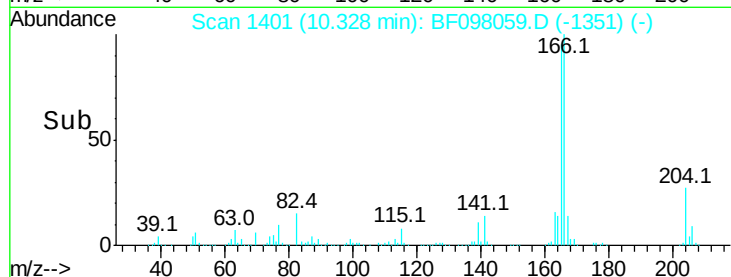
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.692 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Tgt Ion:232 Resp: 113756

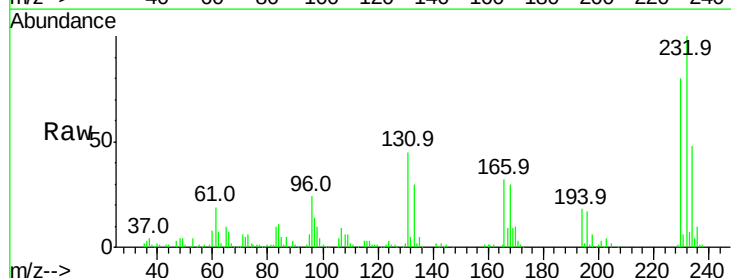
Ion Ratio Lower Upper

232 100

131 52.4 44.8 67.2

130 2.9 2.3 3.5

166 32.8 29.0 43.4

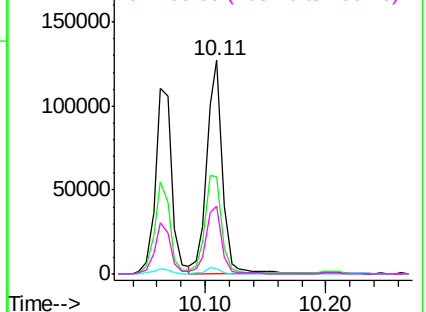
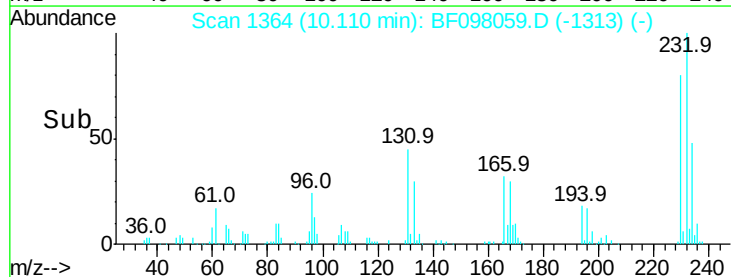


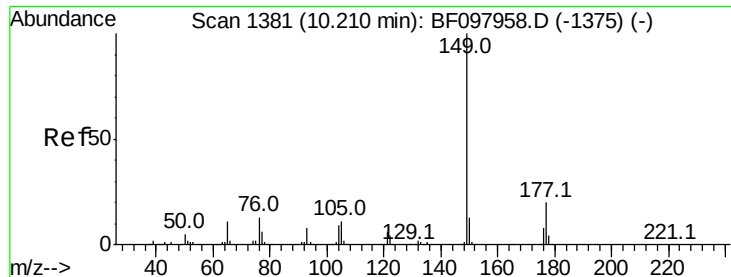
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

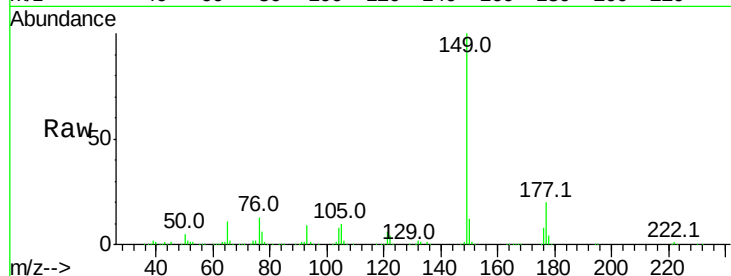




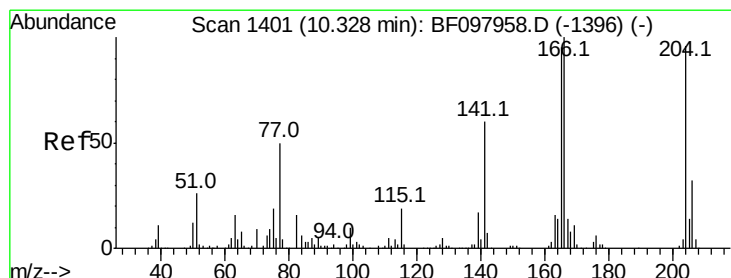
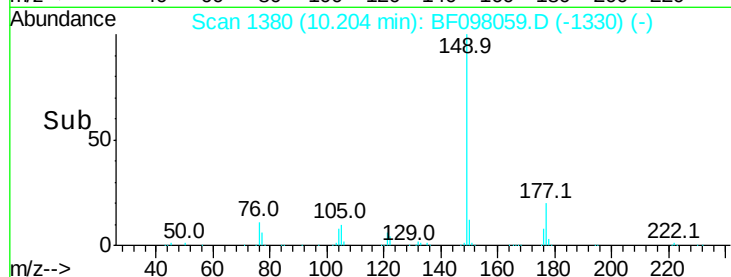
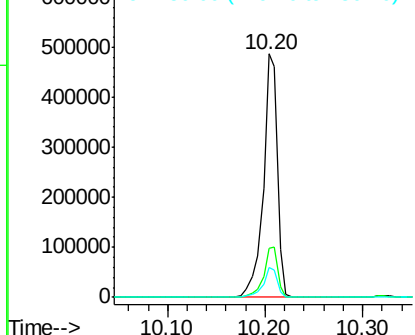
#59
Diethylphthalate
Concen: 38.912 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Instrument :
BNA_F
ClientSampleId :
PB101824BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.7	25.1
150	12.5	10.2	15.2

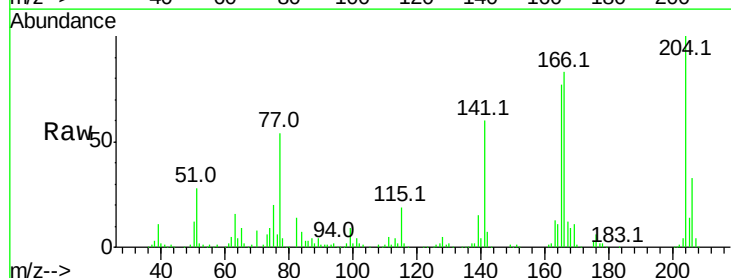


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

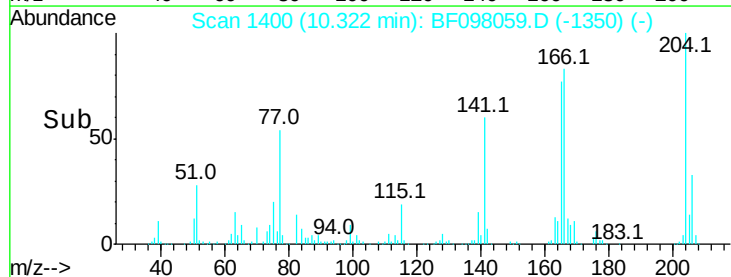
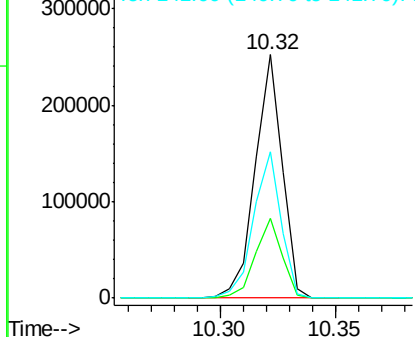


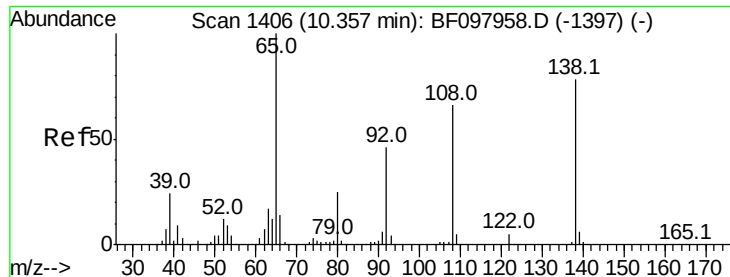
#60
4-Chlorophenyl-phenylether
Concen: 38.246 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	60.1	60.8	91.2#



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

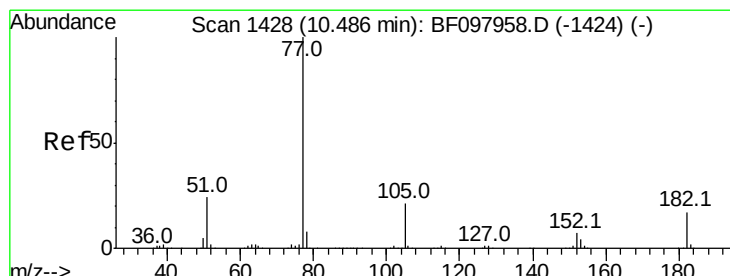
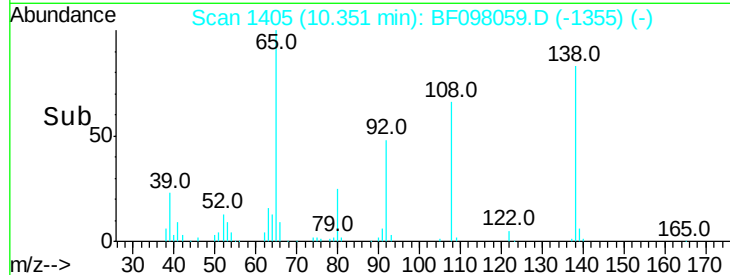
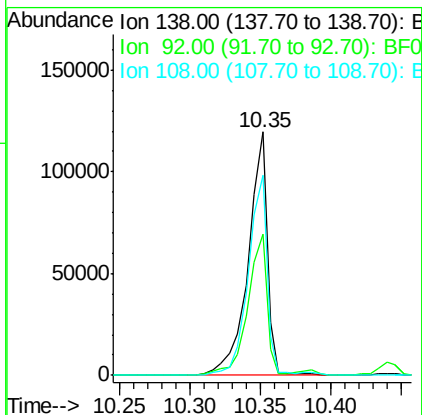
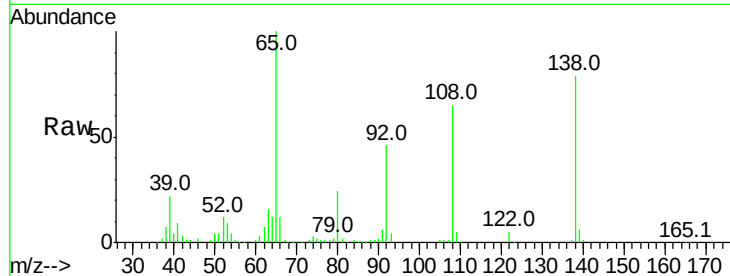




#61
 4-Nitroaniline
 Concen: 38.114 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

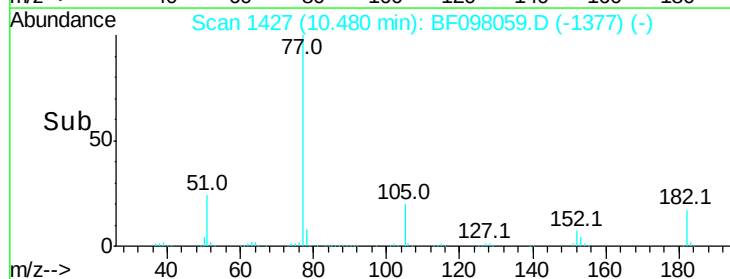
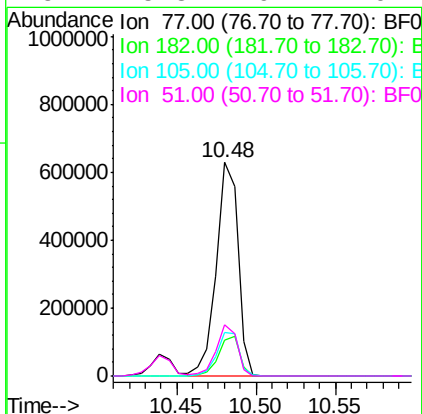
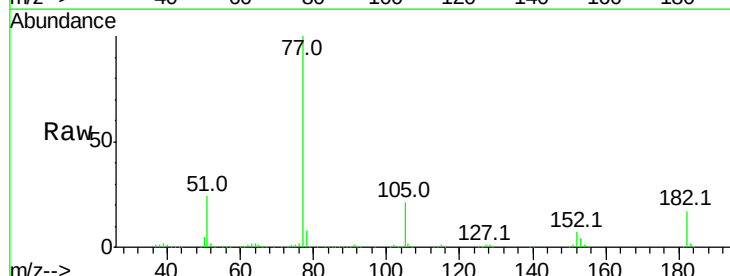
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

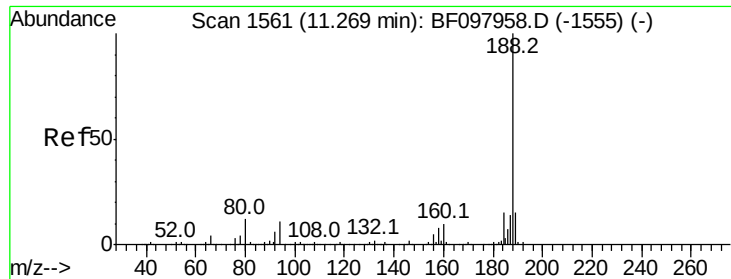
Tot Ion:	138	Resp:	114816
Ion	Ratio	Lower	Upper
138	100		
92	58.0	21.8	61.8
108	81.9	42.3	82.3



#62
 Azobenzene
 Concen: 39.152 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:	77	Resp:	598536
Ion	Ratio	Lower	Upper
77	100		
182	17.0	0.1	40.1
105	20.7	3.6	43.6
51	23.8	9.4	49.4

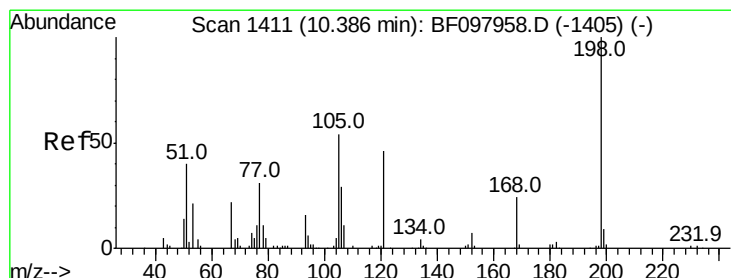
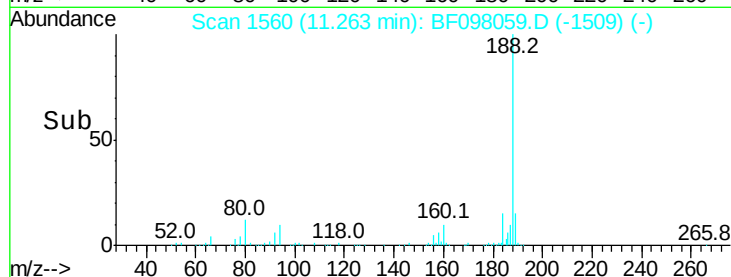
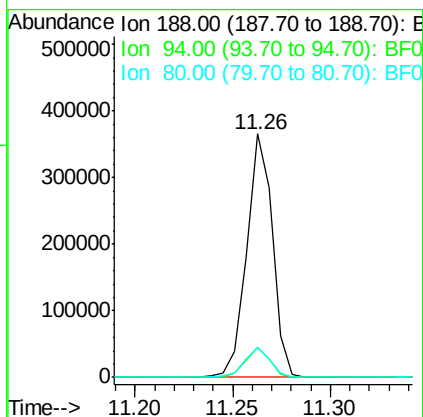
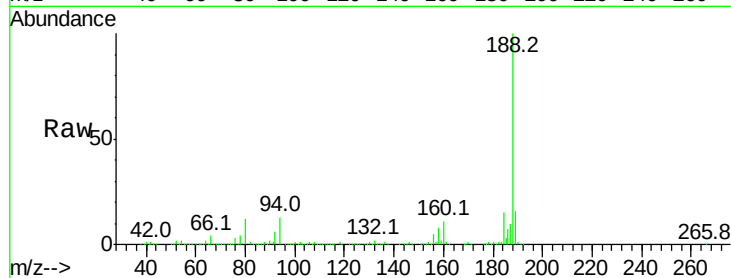




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

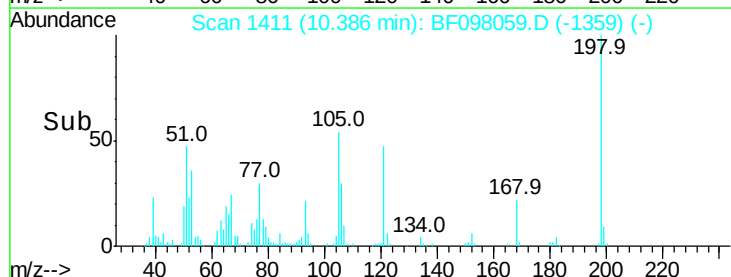
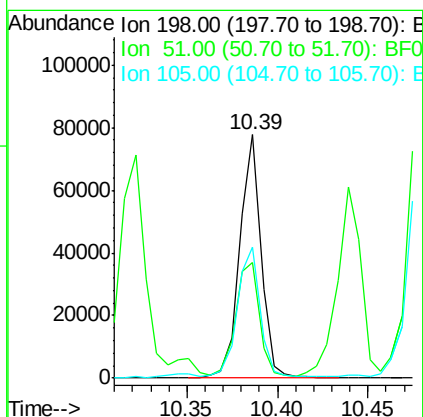
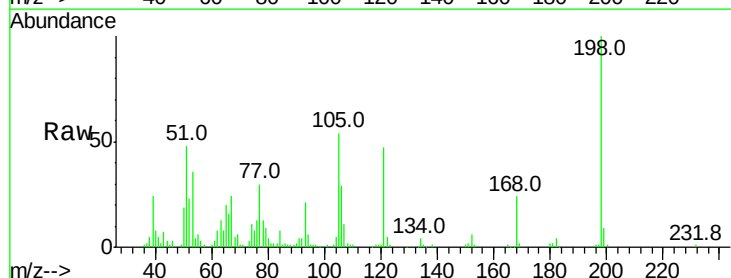
Instrument :
BNA_F
ClientSampleId :
PB101824BS

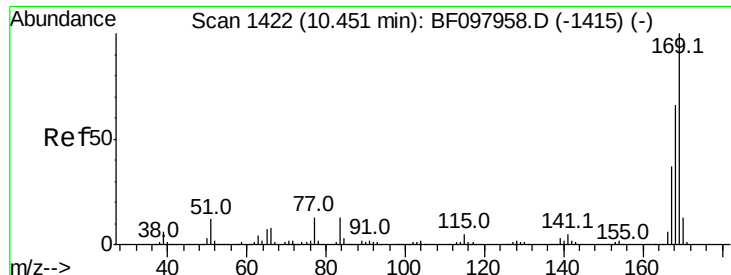
Tot Ion:188 Resp: 334293
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.917 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion:198 Resp: 64023
Ion Ratio Lower Upper
198 100
51 47.5 53.2 93.2#
105 54.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 35.705 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

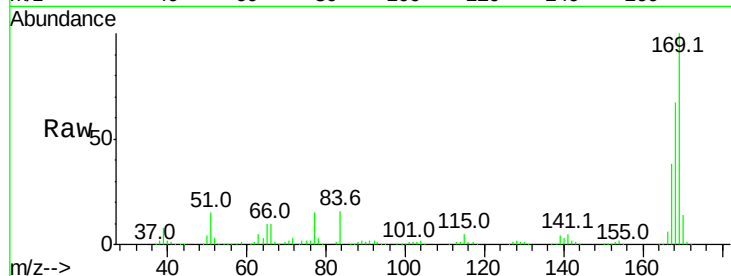
Tot Ion:169 Resp: 406452

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

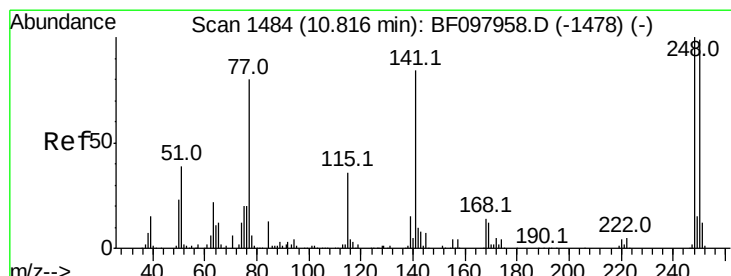
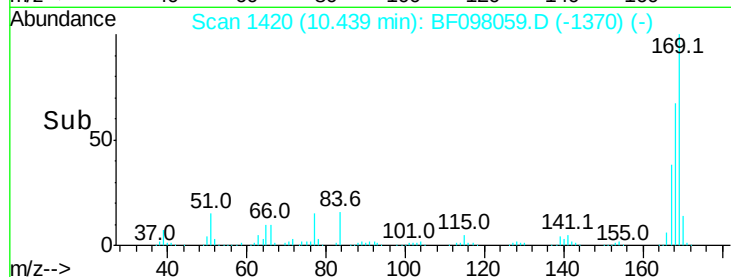
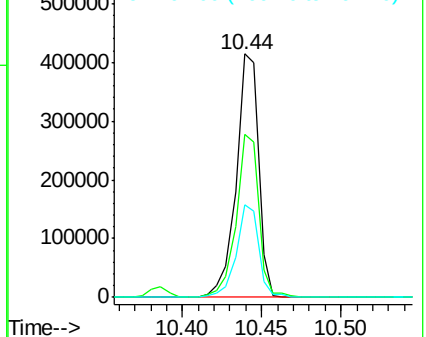
167 38.1 29.5 44.3



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: 36.191 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

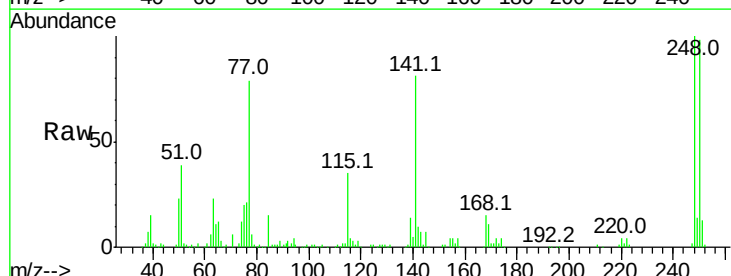
Tgt Ion:248 Resp: 125634

Ion Ratio Lower Upper

248 100

250 98.3 76.8 115.2

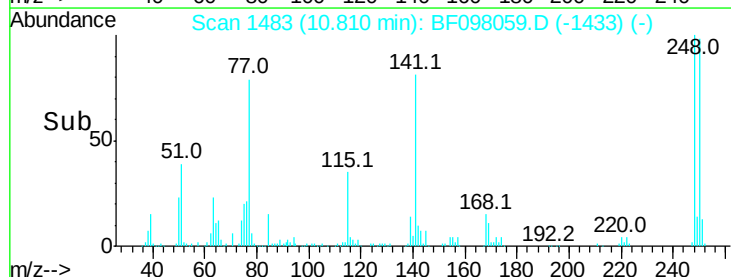
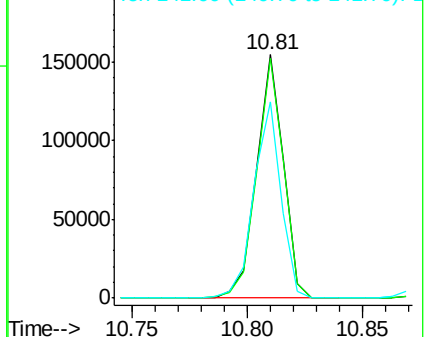
141 80.9 68.6 103.0

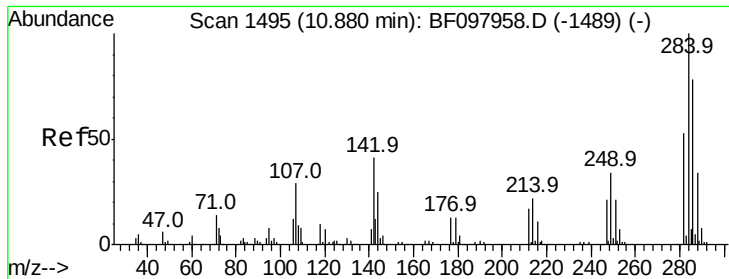


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.125 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

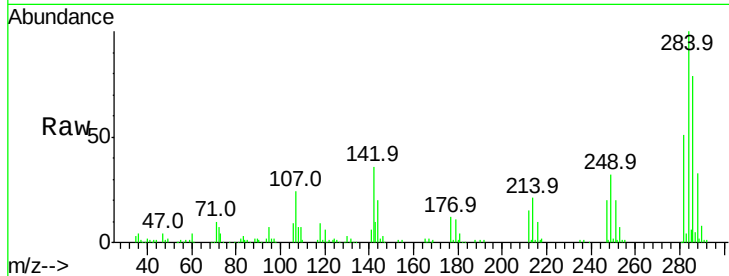
Tot Ion:284 Resp: 124281

Ion Ratio Lower Upper

284 100

142 35.7 22.8 34.2#

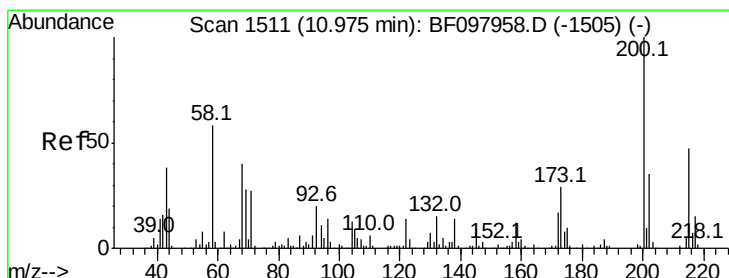
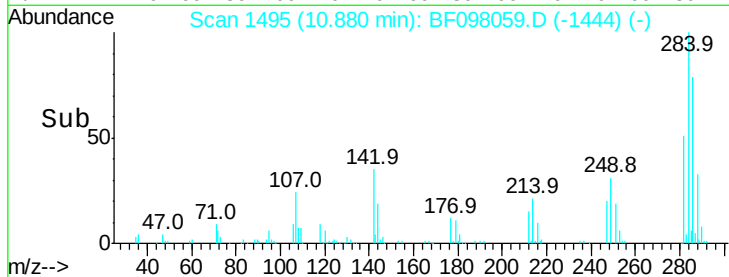
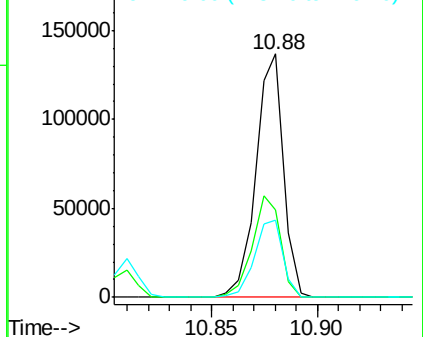
249 31.6 24.0 36.0



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: 40.105 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

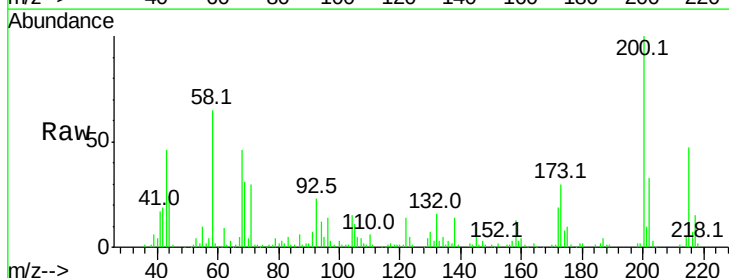
Tgt Ion:200 Resp: 121074

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

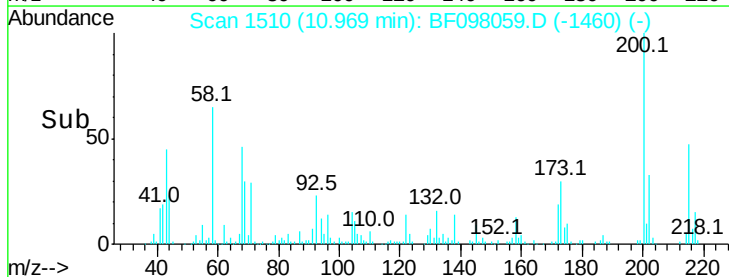
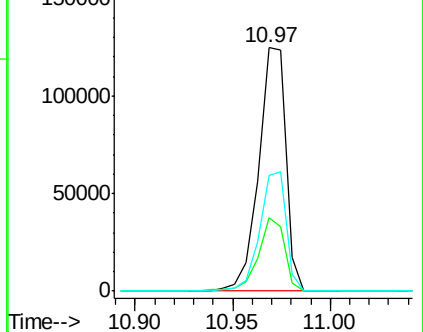
215 47.5 27.2 67.2

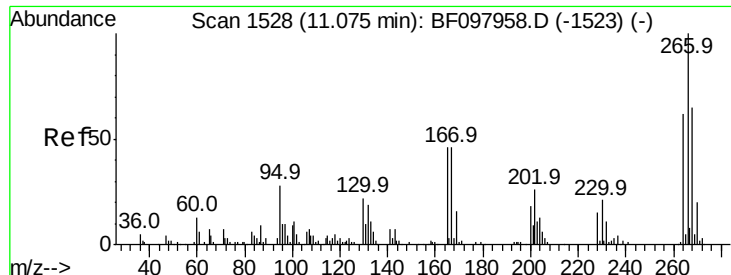


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

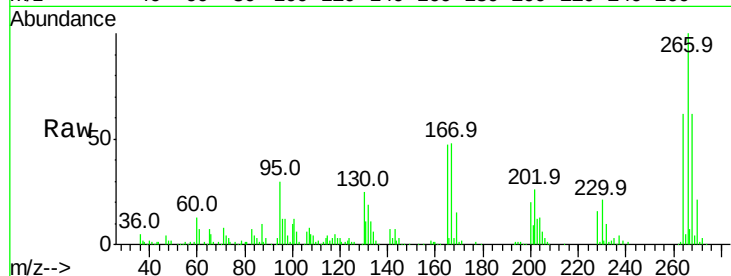




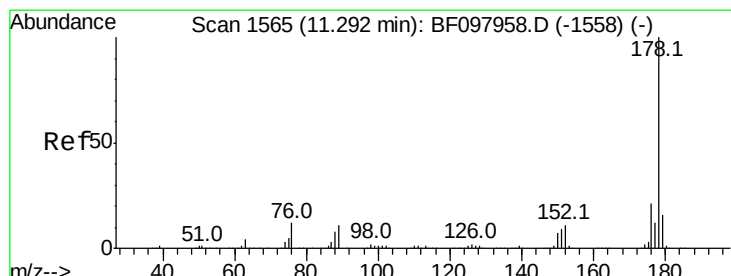
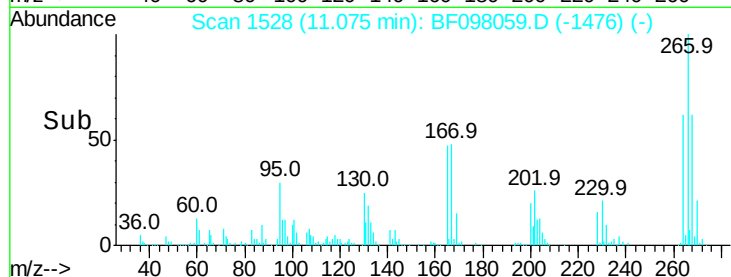
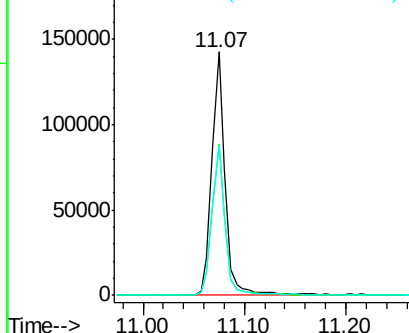
#69
 Pentachlorophenol
 Concen: 63.889 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Tot Ion:266 Resp: 131804
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 61.7 51.7 77.5

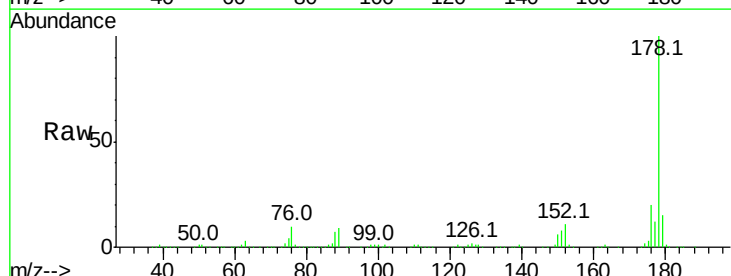


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

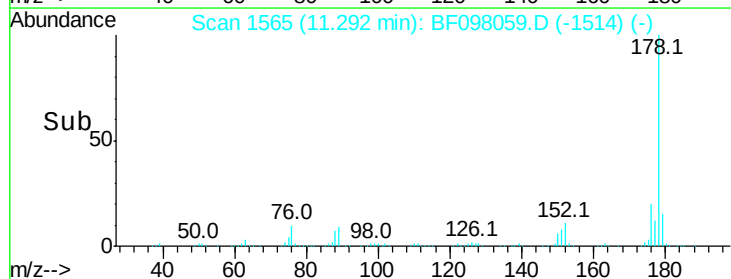
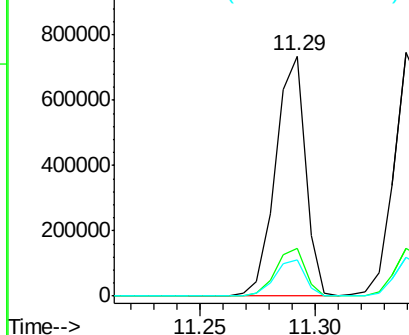


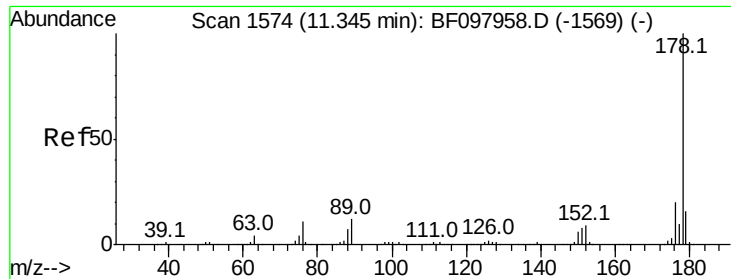
#70
 Phenanthrene
 Concen: 37.257 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:178 Resp: 663678
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.2 12.6 19.0



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





#71

Anthracene

Concen: 37.926 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

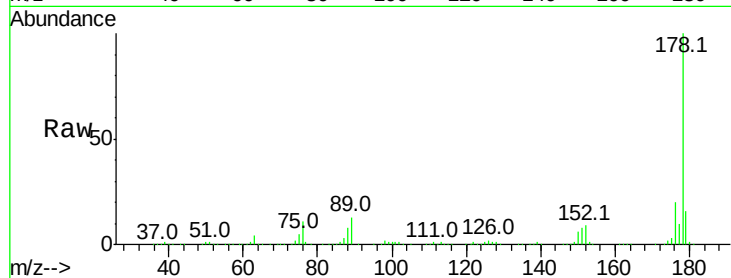
Tot Ion:178 Resp: 685229

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

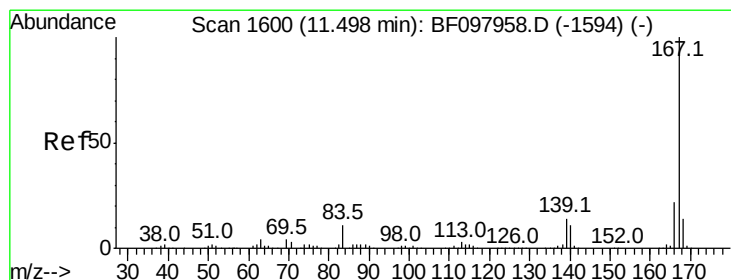
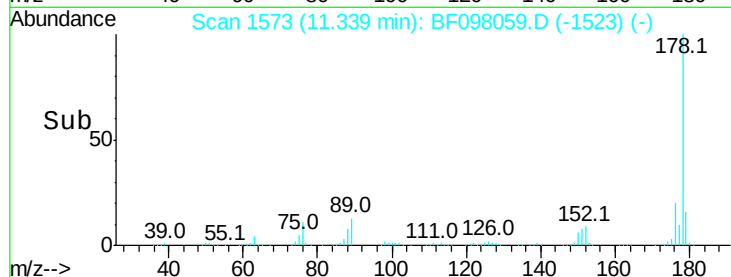
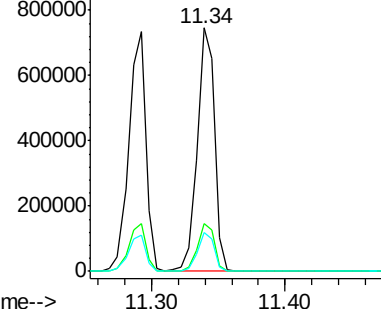
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.130 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

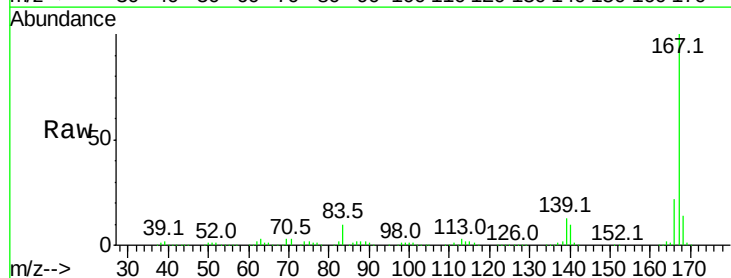
Tgt Ion:167 Resp: 653943

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

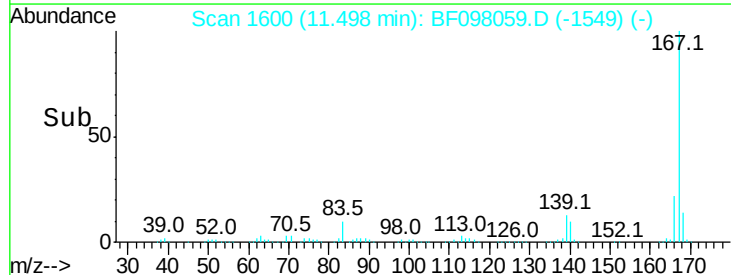
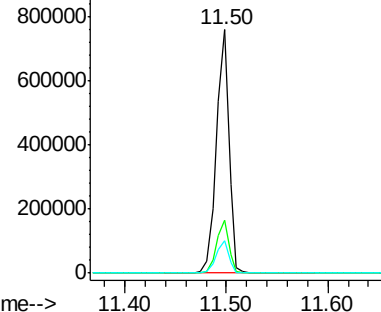
139 13.3 11.7 17.5

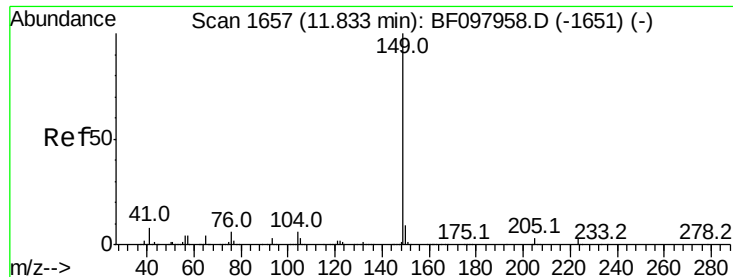


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.000 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

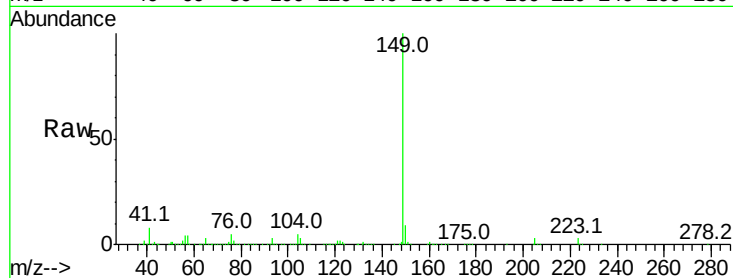
Tot Ion:149 Resp: 770418

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

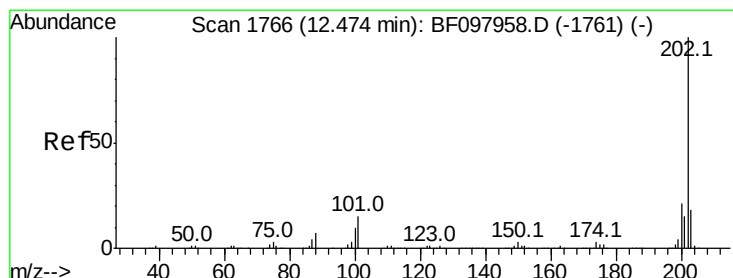
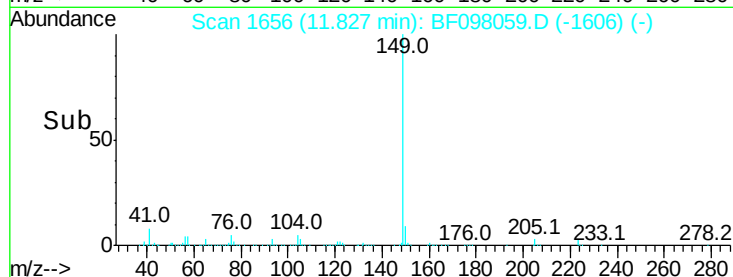
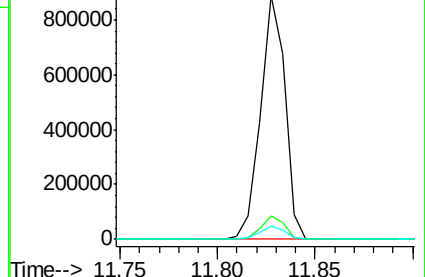
104 5.5 4.0 6.0



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: 38.735 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

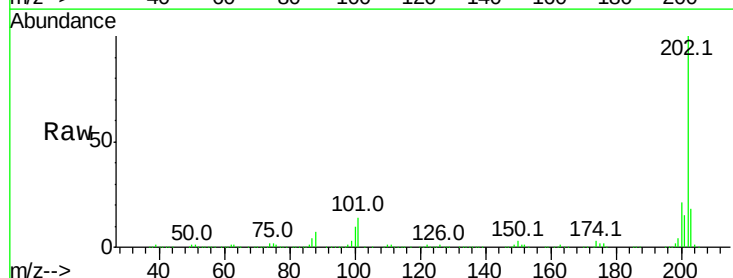
Tgt Ion:202 Resp: 720197

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

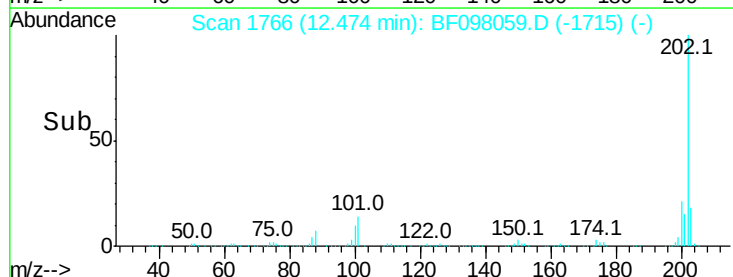
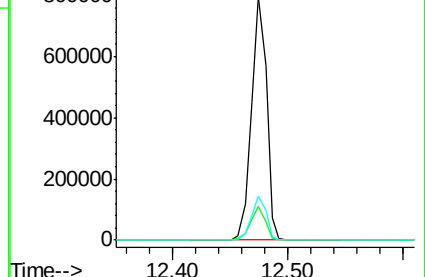
203 18.2 0.0 38.1

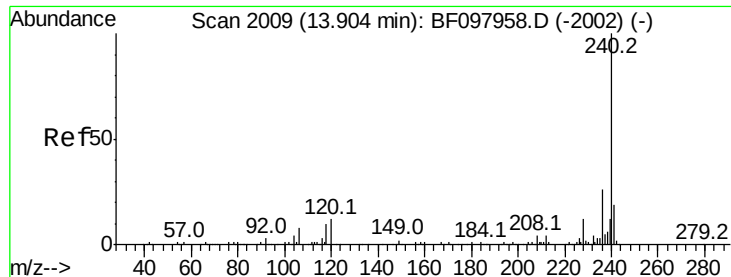


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

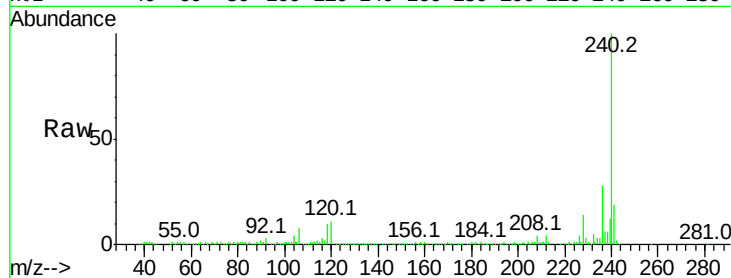
Tot Ion:240 Resp: 266934

Ion Ratio Lower Upper

240 100

120 11.3 5.8 8.8#

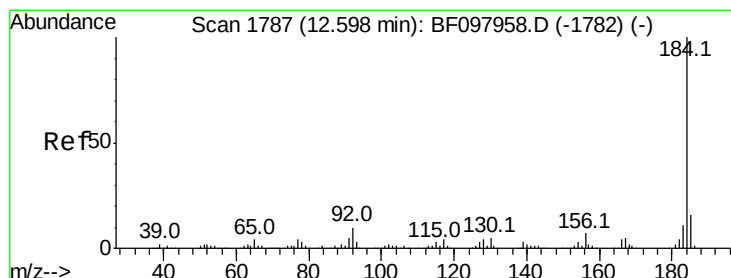
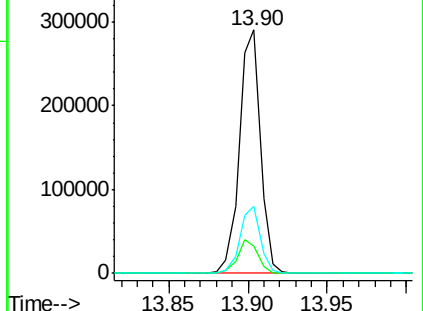
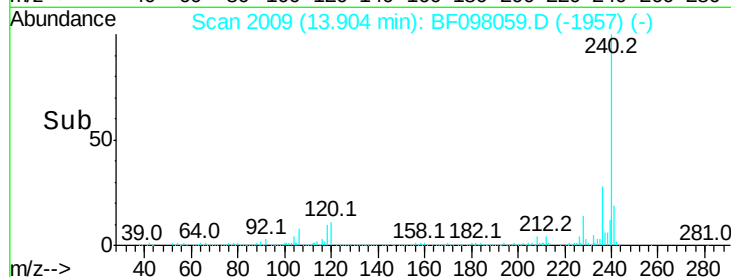
236 27.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.727 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

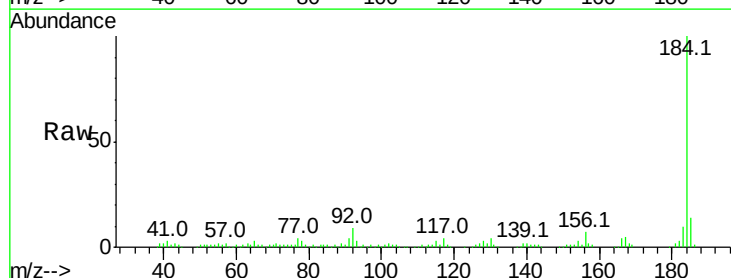
Tgt Ion:184 Resp: 155146

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

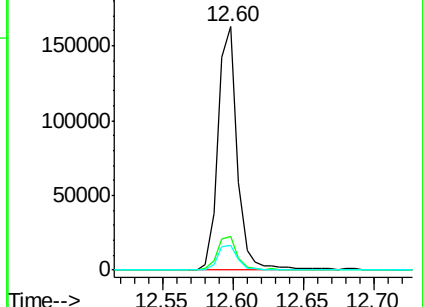
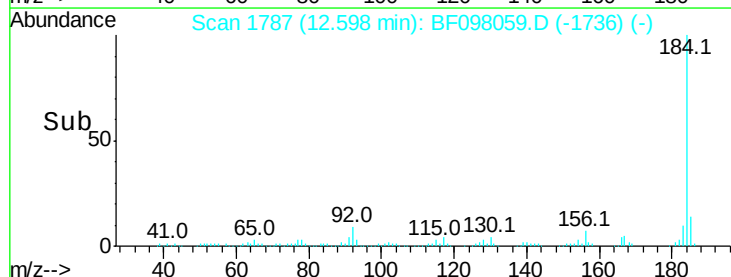
183 10.1 9.8 14.6

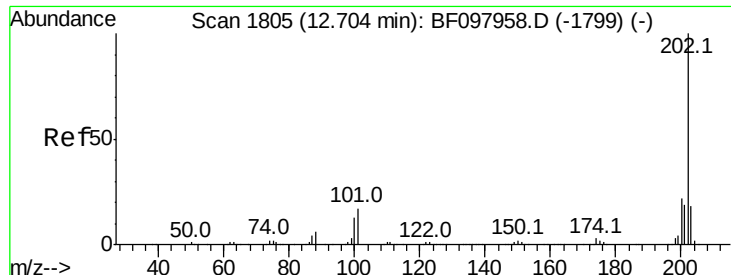


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.748 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

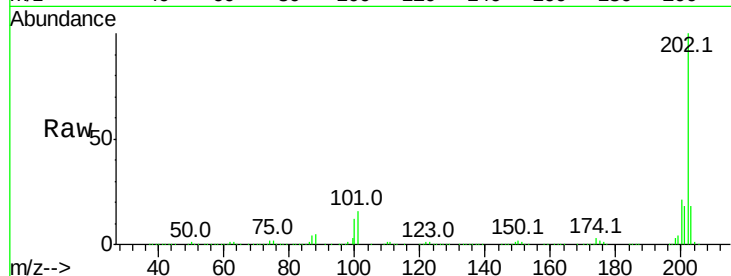
Tot Ion:202 Resp: 736785

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

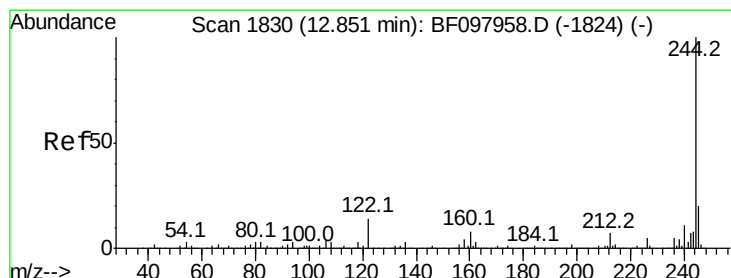
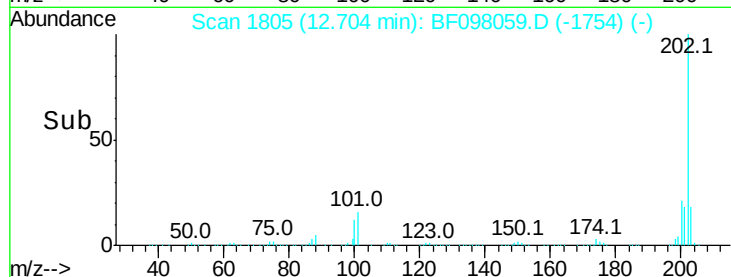
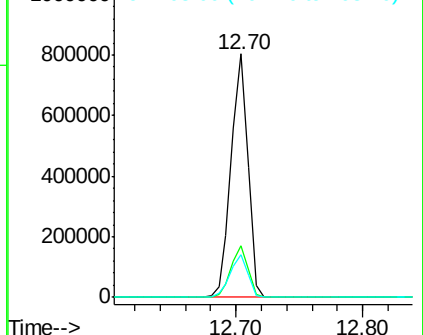
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.197 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

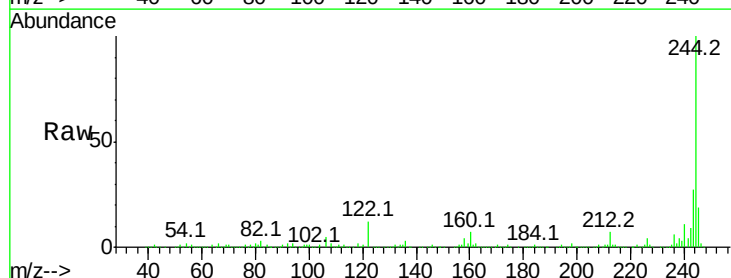
Tgt Ion:244 Resp: 808950

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

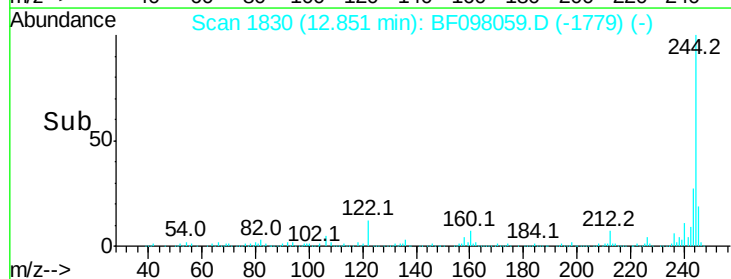
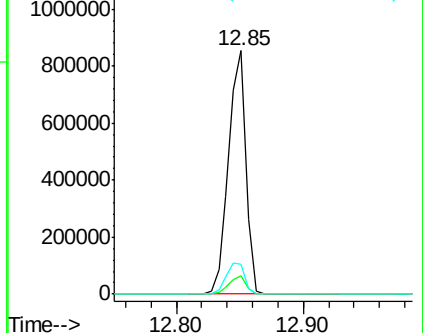
122 12.2 10.3 15.5

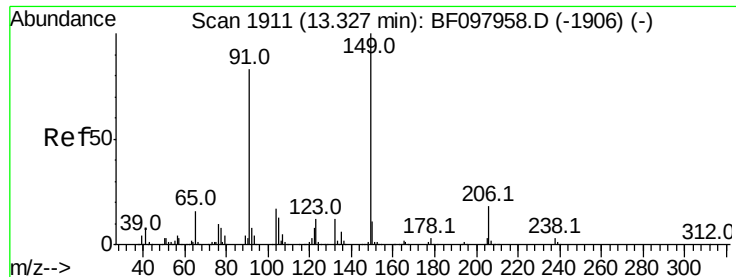


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

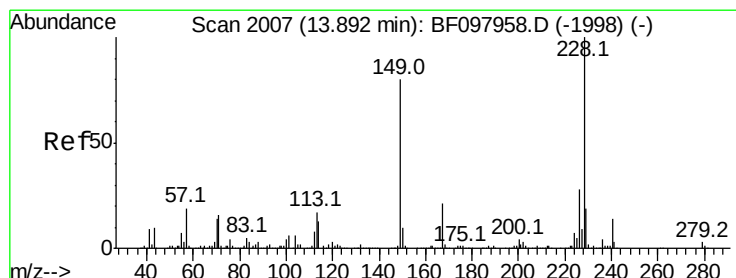
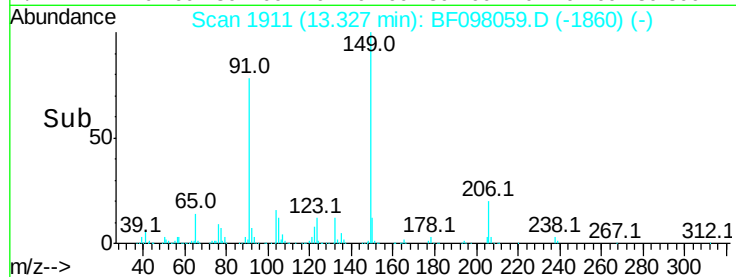
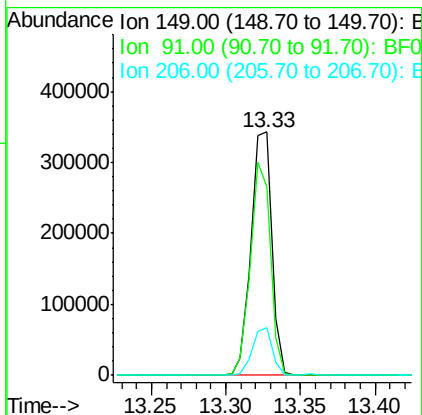
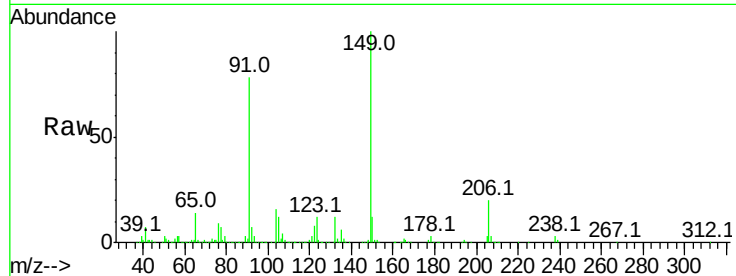




#79
Butylbenzylphthalate
Concen: 39.643 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

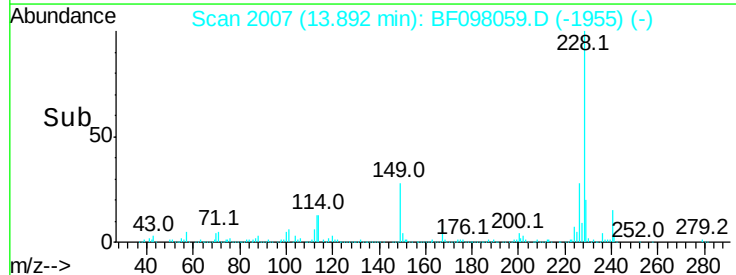
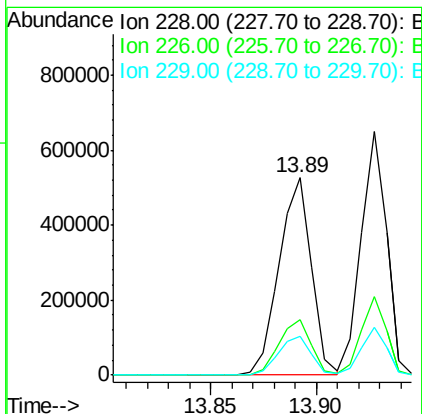
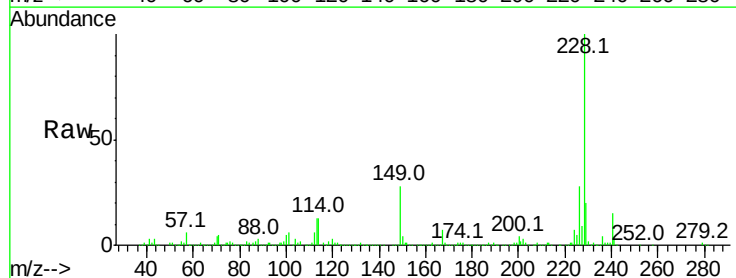
Instrument :
BNA_F
ClientSampleId :
PB101824BS

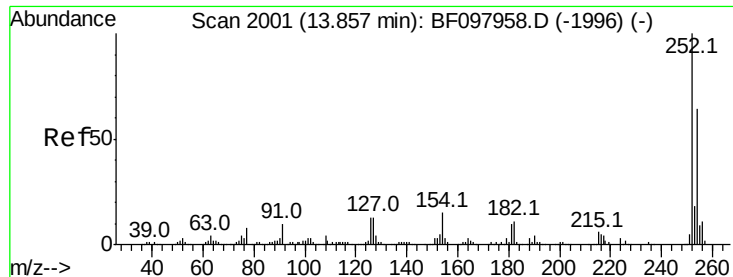
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.7	45.0	67.4#
206	19.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 35.160 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF098059.D
Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	16.3	24.5

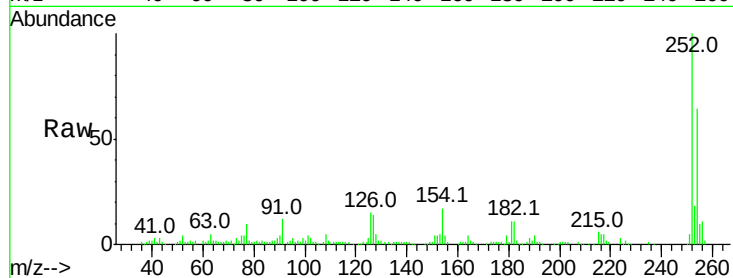




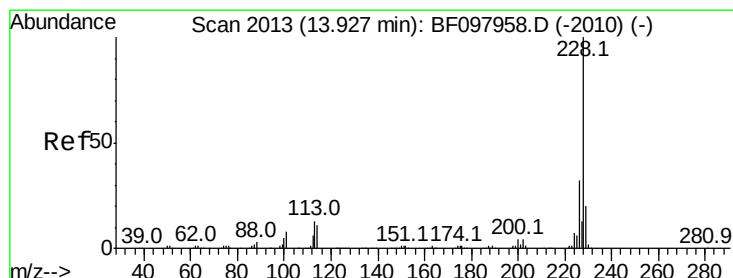
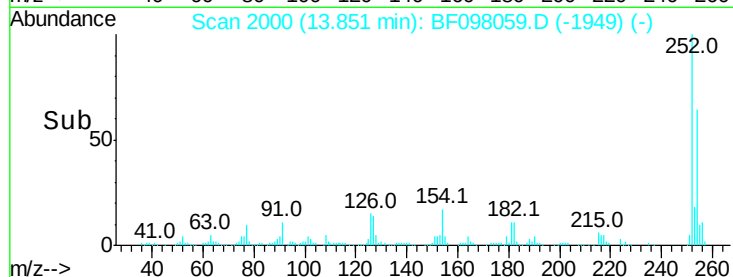
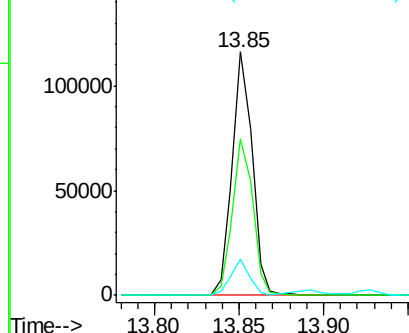
#81
 3,3'-Dichlorobenzidine
 Concen: 17.900 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

Tot Ion:252 Resp: 96635
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 14.6 15.8 23.8#

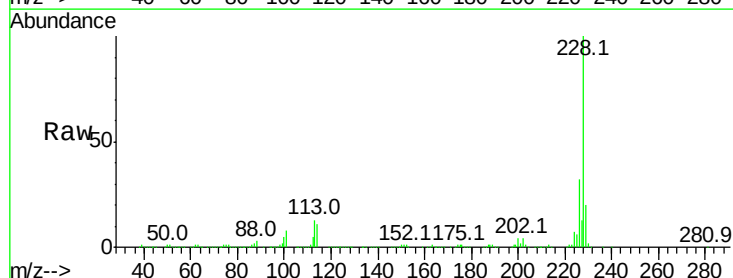


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

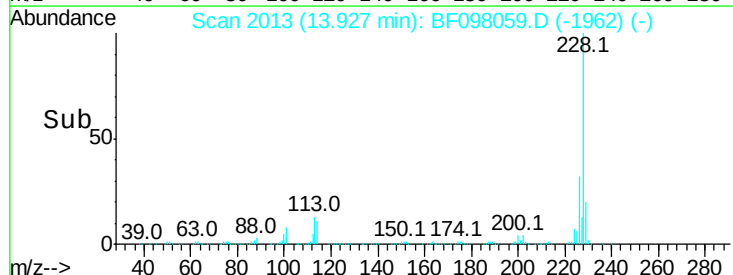
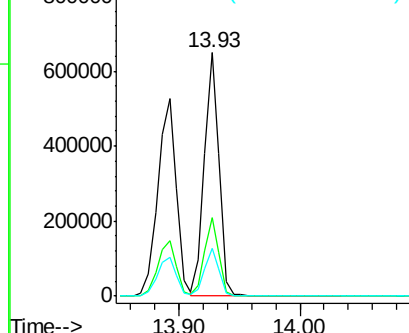


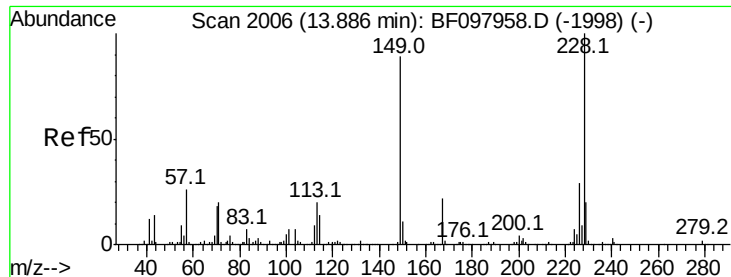
#82
 Chrysene
 Concen: 34.607 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:228 Resp: 550759
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 19.6 15.8 23.6



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

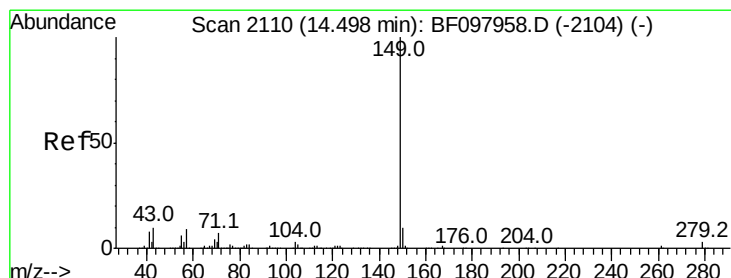
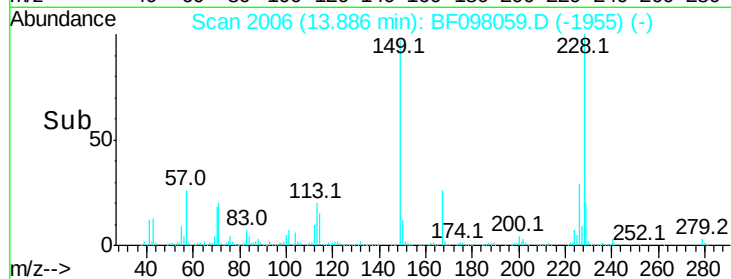
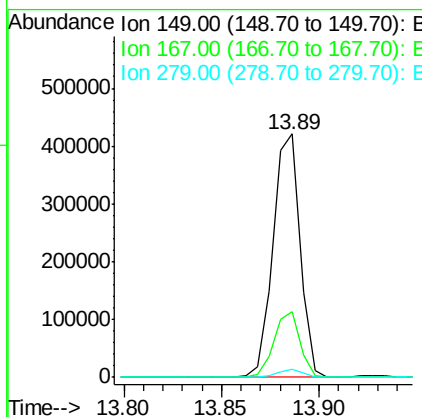
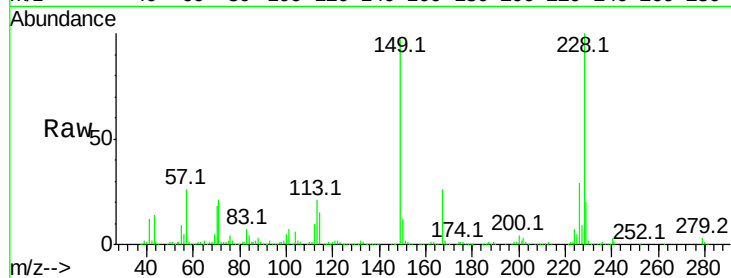




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.335 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

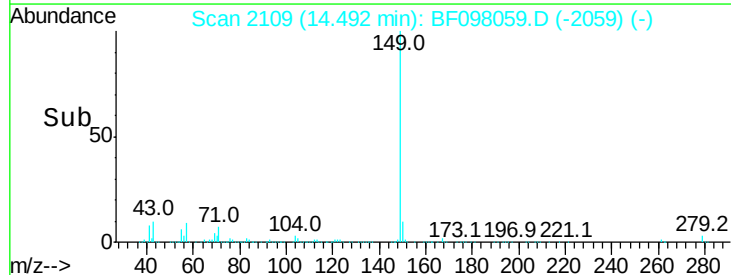
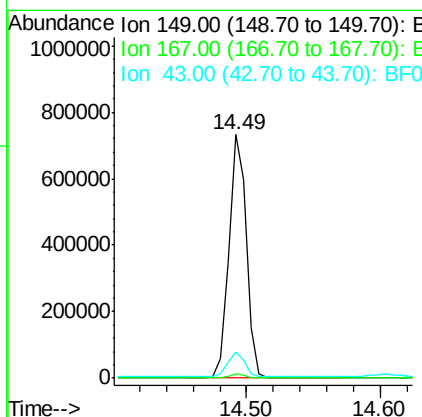
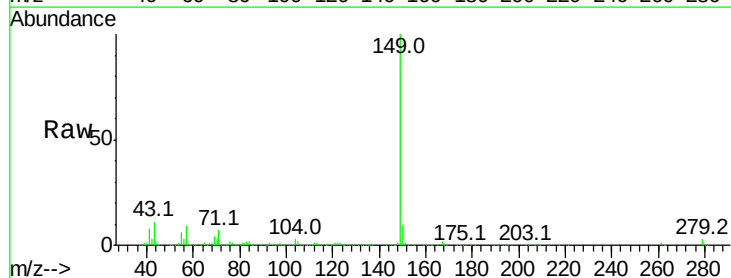
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

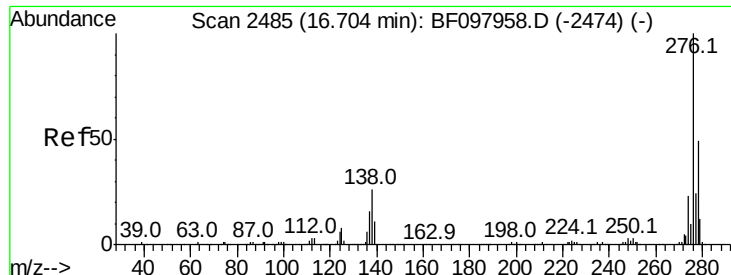
Tot Ion:149 Resp: 401947
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.800 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion:149 Resp: 674605
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.8 8.5 12.7

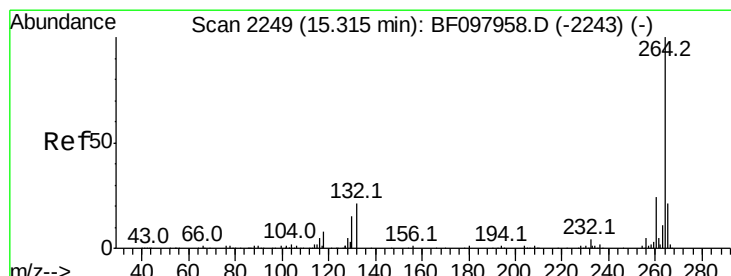
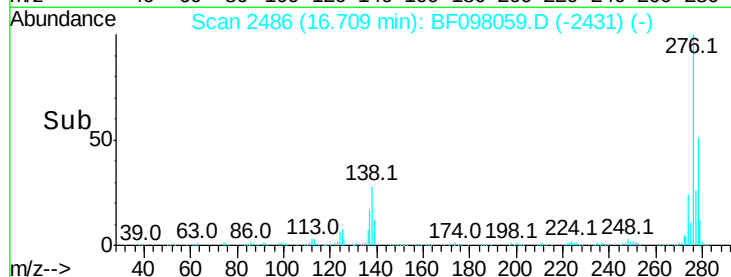
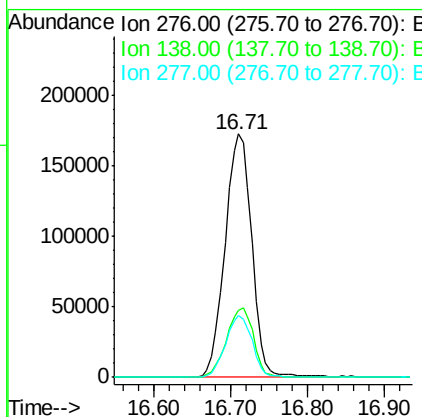
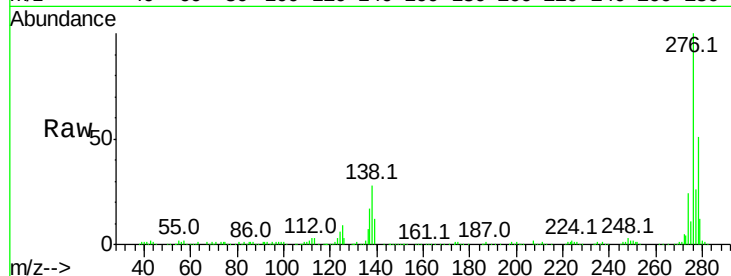




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.793 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.02 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

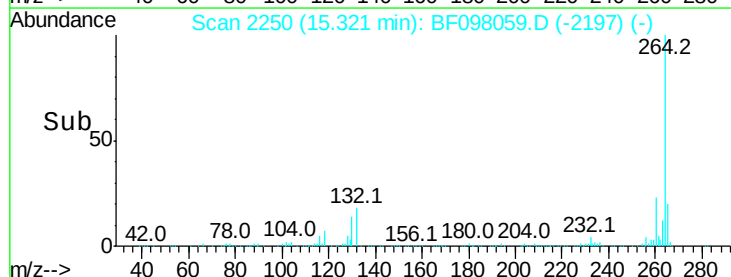
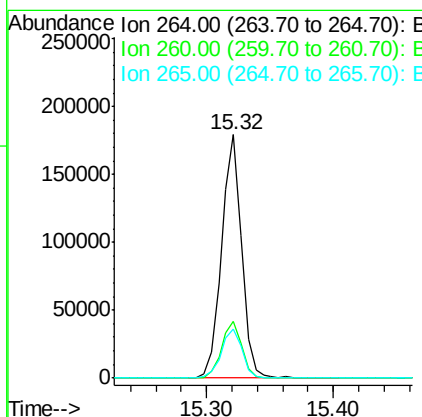
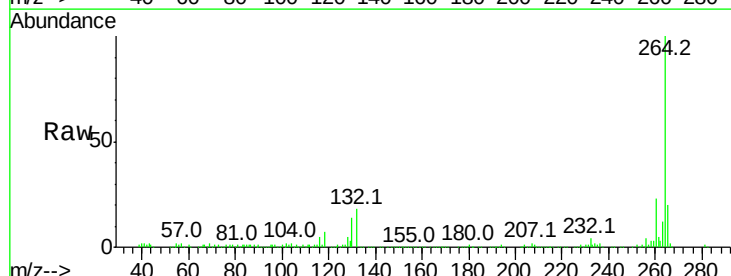
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BS

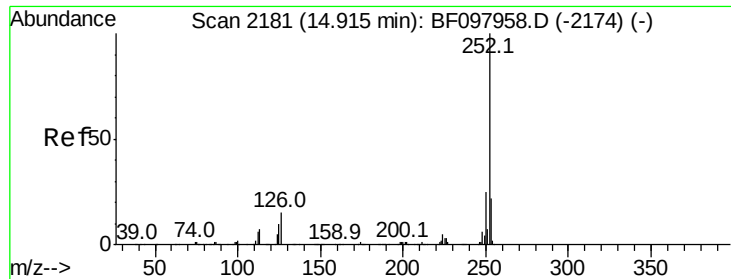
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF098059.D
 Acq: 28 Aug 2017 10:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.984 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

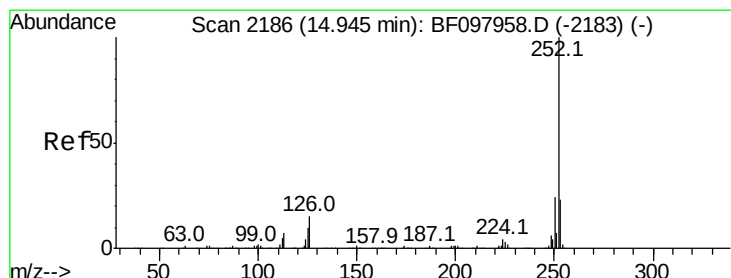
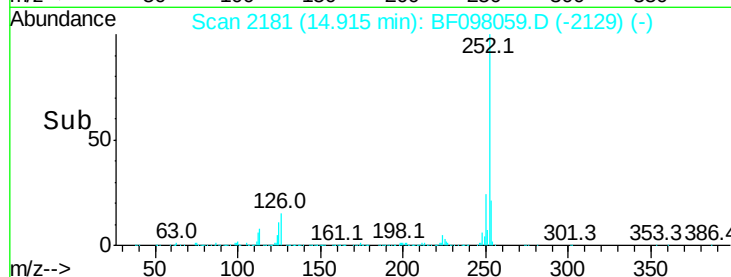
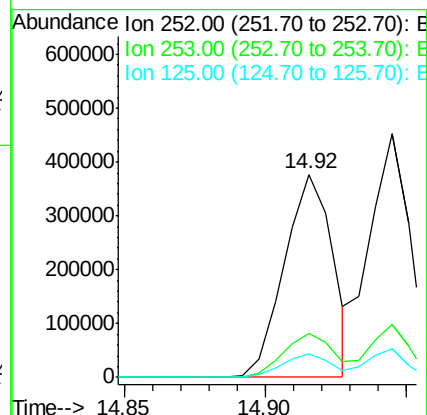
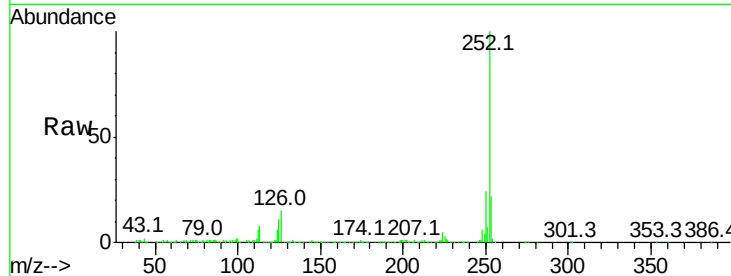
Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :
BNA_F
ClientSampleId :
PB101824BS

Tot Ion:252 Resp: 447938

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.3	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 38.692 ng

RT: 14.94 min Scan# 2186

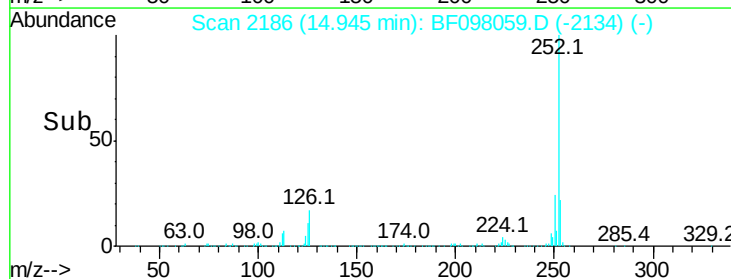
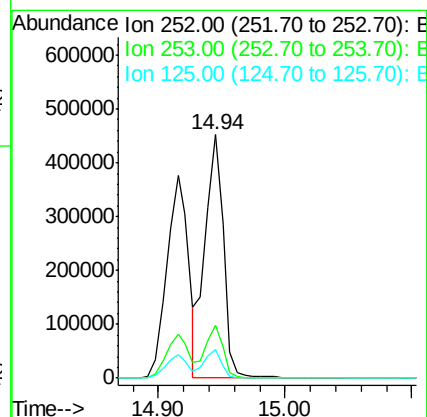
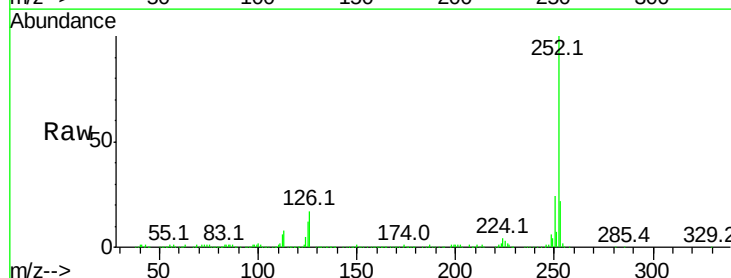
Delta R.T. 0.01 min

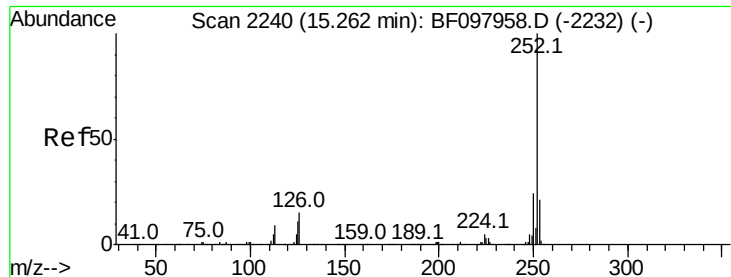
Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Tgt Ion:252 Resp: 452505

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 38.631 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

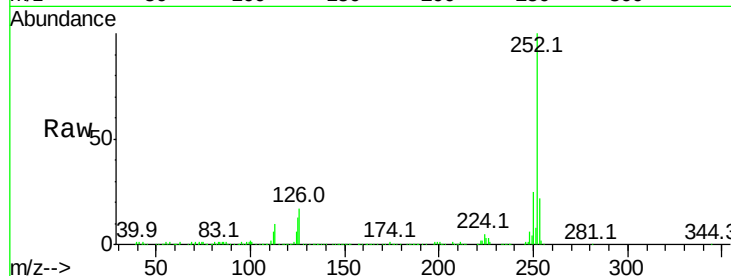
Tot Ion:252 Resp: 425715

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

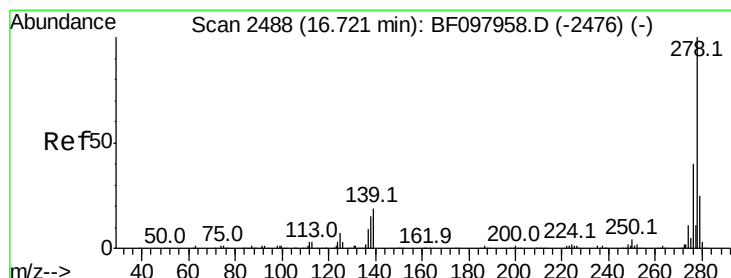
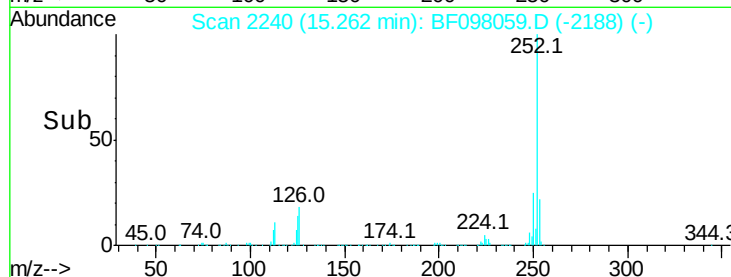
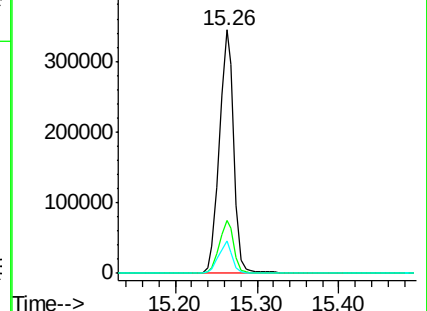
125 13.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.047 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

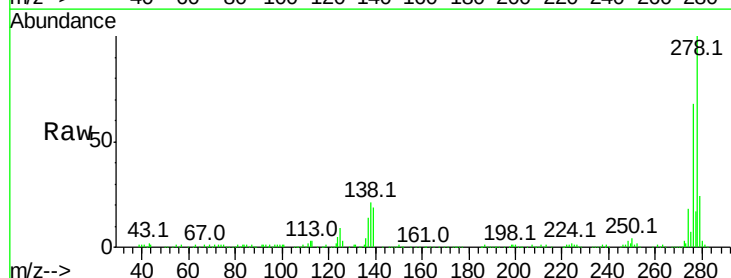
Tgt Ion:278 Resp: 341344

Ion Ratio Lower Upper

278 100

139 19.4 16.6 24.8

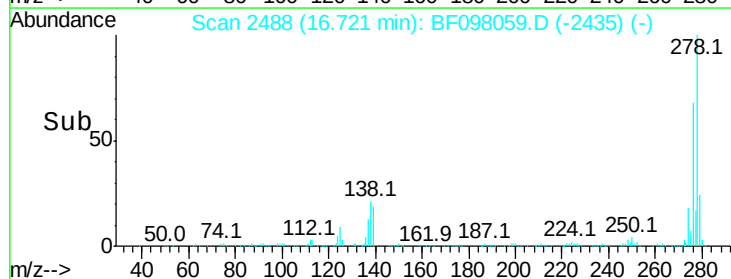
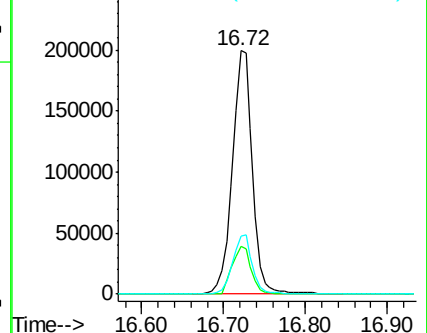
279 23.8 19.3 28.9

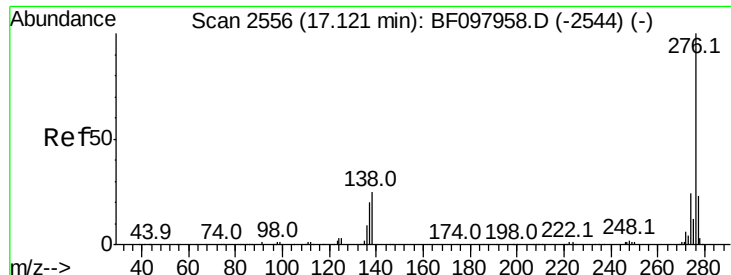


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.722 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098059.D

Acq: 28 Aug 2017 10:49

Instrument :

BNA_F

ClientSampleId :

PB101824BS

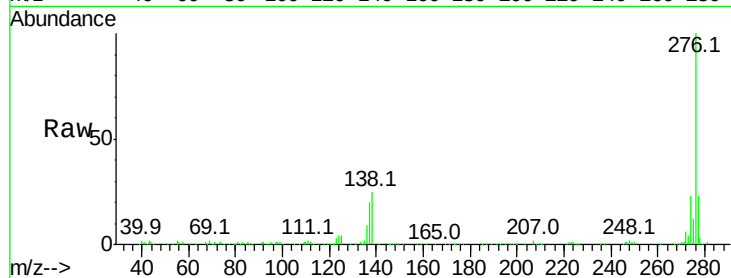
Tot Ion:276 Resp: 362478

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 24.8 25.4 38.0#



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

