

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098034.D
 Acq On : 25 Aug 2017 17:00
 Operator : SJ/JU
 Sample : PB101788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Quant Time: Aug 25 23:18:45 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	6.74	152	113422	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	454217	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	203887	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	393405	20.00	ng	0.00
75) Chrysene-d12	13.89	240	275052	20.00	ng	0.00
86) Perylene-d12	15.30	264	208214	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	936942	125.65	ng	0.00
7) Phenol-d6	6.38	99	1263985	124.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	777739	93.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	240438	135.91	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1147577	82.69	ng	-0.01
78) Terphenyl-d14	12.85	244	990931	75.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	143810	34.58	ng	89
3) Pyridine	3.20	79	412664	35.90	ng	88
4) n-Nitrosodimethylamine	3.16	42	166344	37.60	ng	83
6) Aniline	6.40	93	385194	27.06	ng	97
8) 2-Chlorophenol	6.53	128	313117	39.82	ng	99
9) Benzaldehyde	6.29	77	164759	25.67	ng	88
10) Phenol	6.39	94	453989	38.31	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	343521	38.41	ng	96
12) 1,3-Dichlorobenzene	6.68	146	312105	36.90	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	318338	37.00	ng	# 94
14) 1,2-Dichlorobenzene	6.91	146	297520	37.51	ng	100
15) Benzyl Alcohol	6.89	79	313934	41.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	452461	37.60	ng	92
17) 2-Methylphenol	7.00	107	289894	41.83	ng	96
18) Hexachloroethane	7.25	117	127610	37.83	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	250529	36.12	ng	91
20) 3+4-Methylphenols	7.15	107	344884	40.75	ng	93
22) Acetophenone	7.15	105	455425	37.95	ng	# 90
24) Nitrobenzene	7.32	77	395922	42.53	ng	93
25) Isophorone	7.56	82	706795	40.65	ng	97
26) 2-Nitrophenol	7.64	139	161090	47.79	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	294363	40.60	ng	94
28) bis(2-Chloroethoxy)methane	7.78	93	443605	38.81	ng	99
29) 2,4-Dichlorophenol	7.88	162	250874	41.68	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	250877	37.60	ng	98
31) Naphthalene	8.05	128	900271	38.18	ng	99
32) Benzoic acid	7.81	122	172873	34.76	ng	93
33) 4-Chloroaniline	8.09	127	238299	23.96	ng	99
34) Hexachlorobutadiene	8.16	225	144935	37.20	ng	99
35) Caprolactam	8.47	113	57764	28.23	ng	94
36) 4-Chloro-3-methylphenol	8.58	107	312906	40.46	ng	# 79
37) 2-Methylnaphthalene	8.73	142	588157	40.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	231900	37.06	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	265269	88.25	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098034.D
 Acq On : 25 Aug 2017 17:00
 Operator : SJ/JU
 Sample : PB101788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Quant Time: Aug 25 23:18:45 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

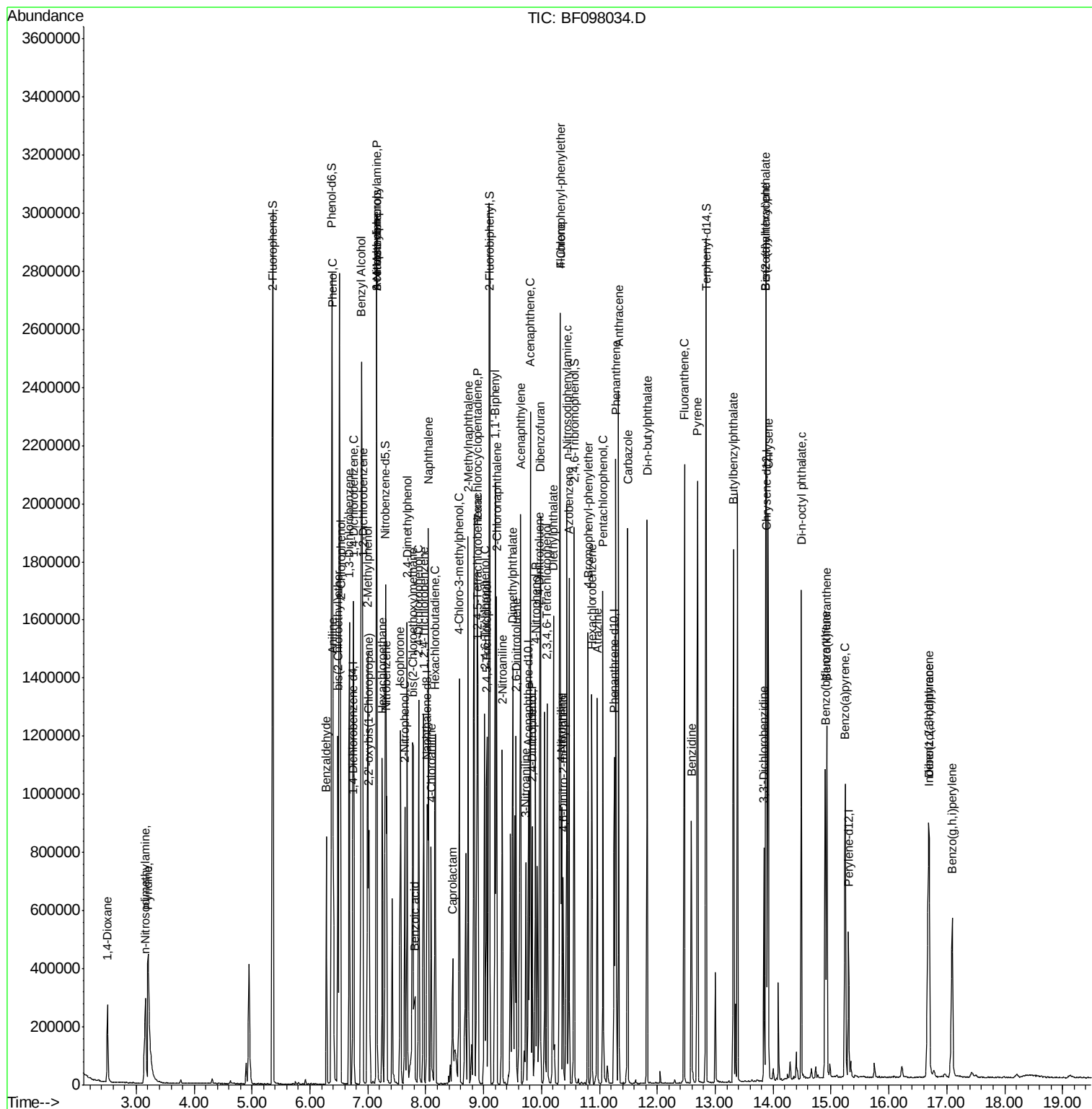
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	175695	41.82	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	176809	42.42	nq	97
45) 1,1'-Biphenyl	9.20	154	693162	37.28	nq	95
46) 2-Chloronaphthalene	9.22	162	511019	37.20	nq	# 91
47) 2-Nitroaniline	9.32	65	211878	46.01	nq	96
48) Acenaphthylene	9.64	152	844278	39.14	nq	99
49) Dimethylphthalate	9.50	163	604511	40.56	nq	99
50) 2,6-Dinitrotoluene	9.56	165	130836	43.98	nq	# 51
51) Acenaphthene	9.81	154	502101	36.90	nq	100
52) 3-Nitroaniline	9.73	138	110144	28.70	nq	83
53) 2,4-Dinitrophenol	9.84	184	92666	67.32	nq	# 79
54) Dibenzofuran	9.98	168	755368	41.42	nq	99
55) 4-Nitrophenol	9.90	139	250290	81.75	nq	# 37
56) 2,4-Dinitrotoluene	9.97	165	174596	46.77	nq	# 54
57) Fluorene	10.32	166	559412	39.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	147378	45.67	nq	95
59) Diethylphthalate	10.20	149	622100	39.92	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	257334	39.29	nq	89
61) 4-Nitroaniline	10.35	138	155738	42.69	nq	# 69
62) Azobenzene	10.47	77	755225	40.79	nq	93
64) 4,6-Dinitro-2-methylphenol	10.37	198	70977	39.97	nq	82
65) n-Nitrosodiphenylamine	10.44	169	520467	38.85	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	162898	39.87	nq	97
67) Hexachlorobenzene	10.87	284	157078	37.72	nq	# 83
68) Atrazine	10.97	200	152546	42.94	nq	98
69) Pentachlorophenol	11.06	266	169895	69.98	nq	99
70) Phenanthrene	11.28	178	832071	39.69	nq	100
71) Anthracene	11.33	178	857853	40.35	nq	99
72) Carbazole	11.49	167	814354	40.35	nq	97
73) Di-n-butylphthalate	11.82	149	936468	40.28	nq	99
74) Fluoranthene	12.47	202	887181	40.55	nq	99
76) Benzidine	12.59	184	352155	39.05	nq	# 91
77) Pyrene	12.69	202	904912	40.23	nq	98
79) Butylbenzylphthalate	13.32	149	387581	44.94	nq	# 70
80) Benzo(a)anthracene	13.88	228	629815	38.21	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	155447	27.94	nq	# 94
82) Chrysene	13.92	228	626962	38.23	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	434062	45.42	nq	99
84) Di-n-octyl phthalate	14.49	149	748636	45.02	nq	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	521624	43.24	nq	93
87) Benzo(b)fluoranthene	14.90	252	523128	39.86	nq	98
88) Benzo(k)fluoranthene	14.93	252	485039	39.34	nq	# 94
89) Benzo(a)pyrene	15.24	252	484075	41.66	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	420666	44.47	nq	98
91) Benzo(g,h,i)perylene	17.10	276	455700	46.17	nq	# 93

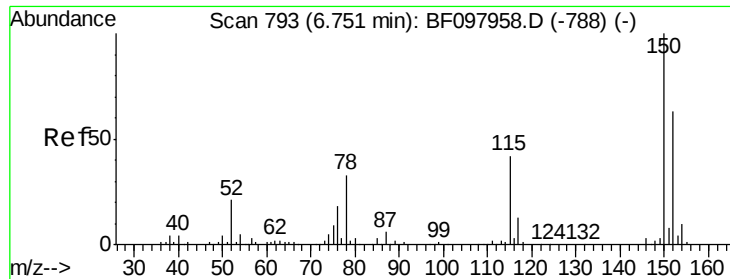
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098034.D
Acq On : 25 Aug 2017 17:00
Operator : SJ/JU
Sample : PB101788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101788BS

Quant Time: Aug 25 23:18:45 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



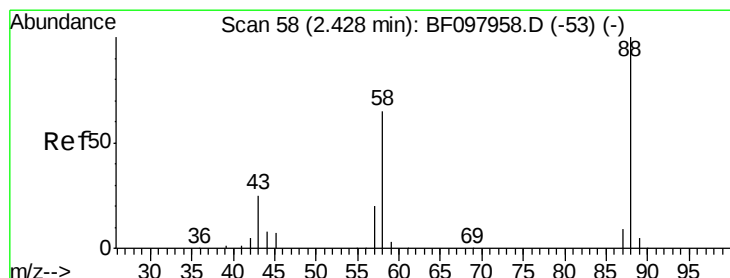
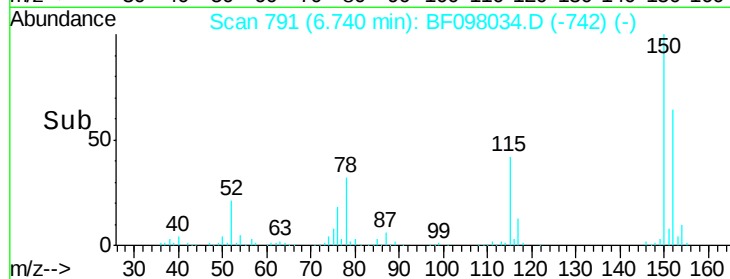
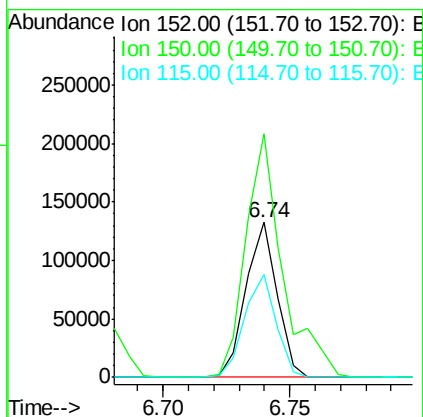
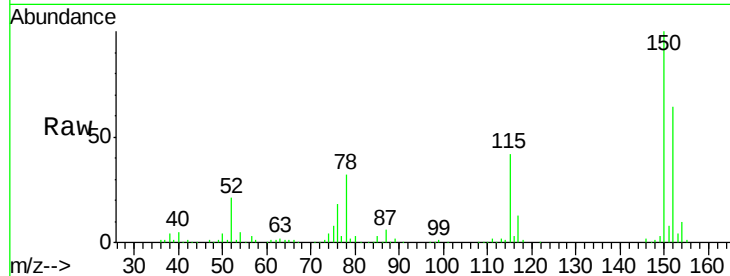


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Instrument :
BNA_F
ClientSampled :
PB101788BS

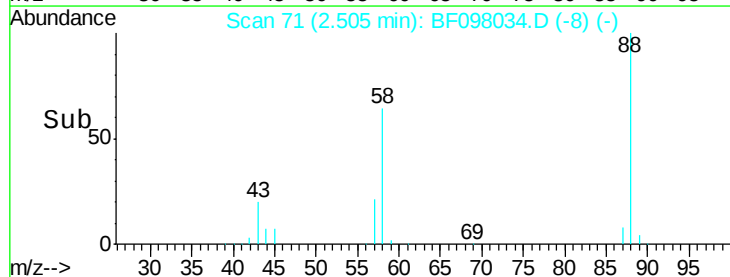
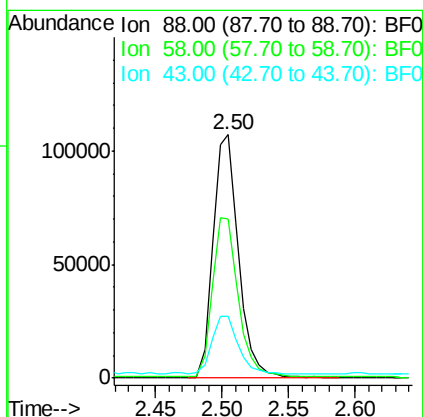
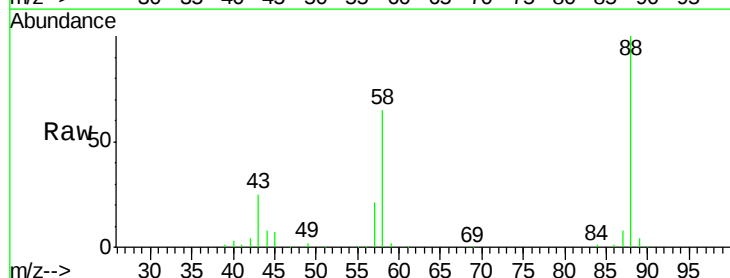
Tot Ion:152 Resp: 113422
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 66.0 52.2 78.2

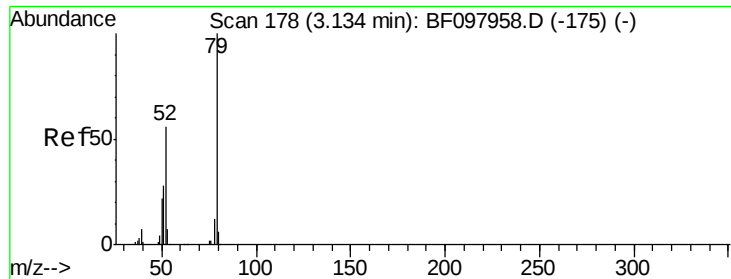


#2

1,4-Dioxane
Concen: 34.58 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion: 88 Resp: 143810
Ion Ratio Lower Upper
88 100
58 66.3 61.4 92.0
43 24.4 23.4 35.0





#3

Pvridine

Concen: 35.90 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

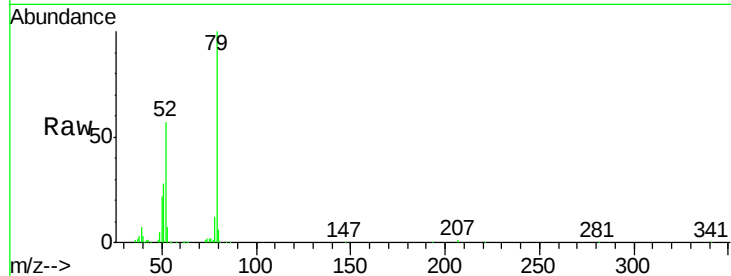
Tot Ion: 79 Resp: 412664

Ion Ratio Lower Upper

79 100

52 57.3 54.8 82.2

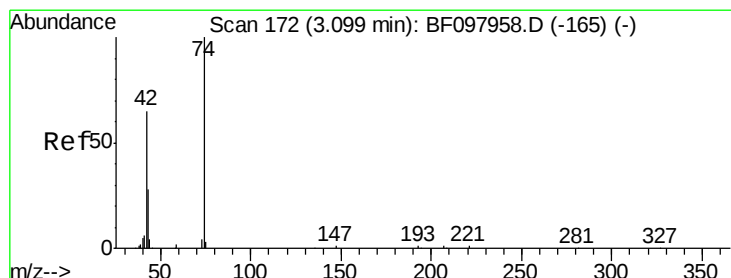
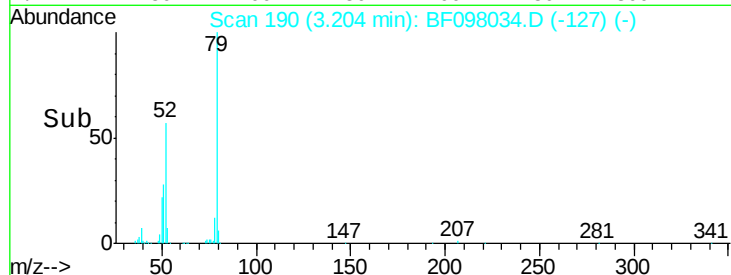
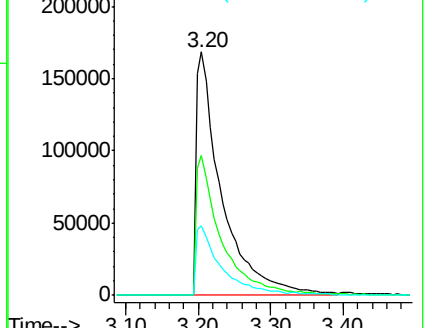
51 28.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.60 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.05 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

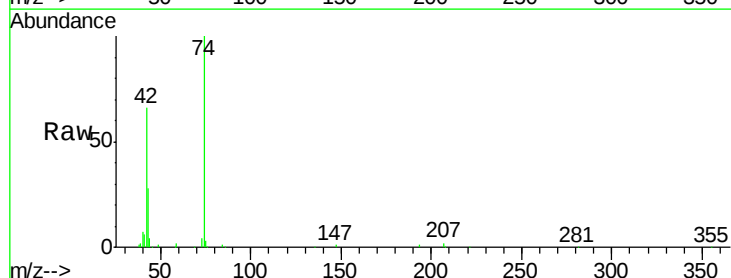
Tgt Ion: 42 Resp: 166344

Ion Ratio Lower Upper

42 100

74 151.3 103.9 155.9

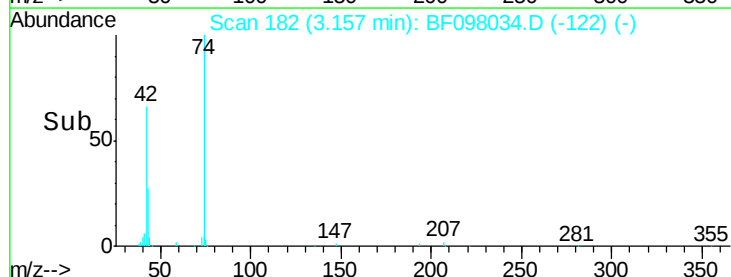
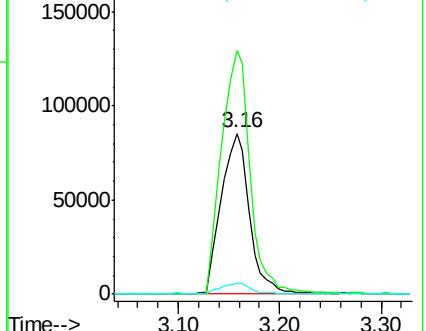
44 6.7 5.7 8.5

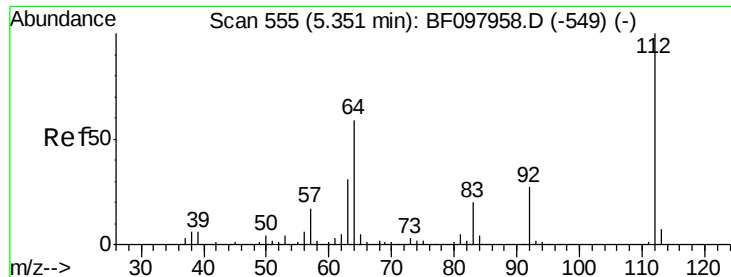


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.65 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleID :

PB101788BS

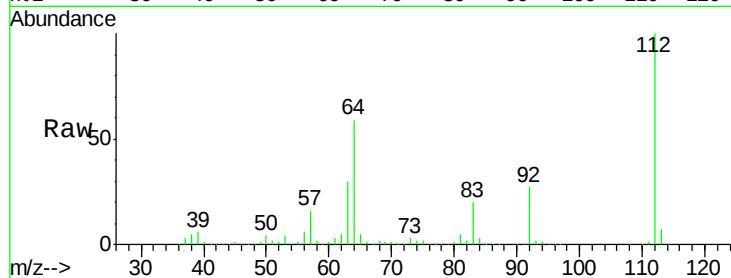
Tot Ion:112 Resp: 936942

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

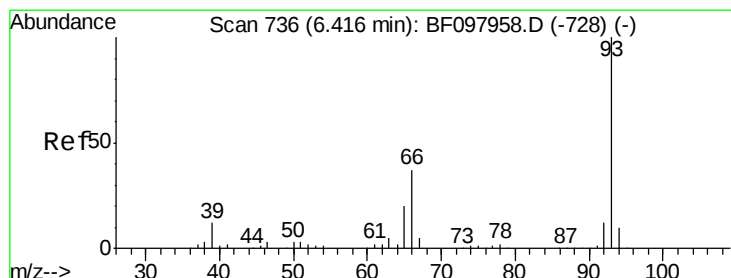
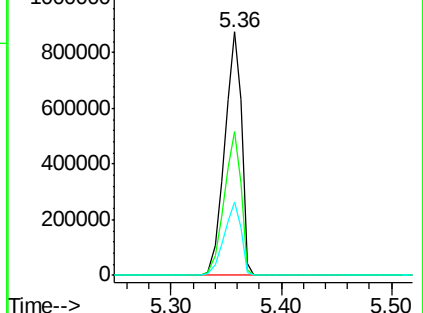
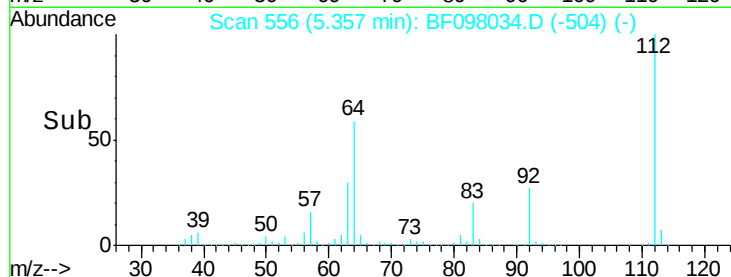
63 30.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.06 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

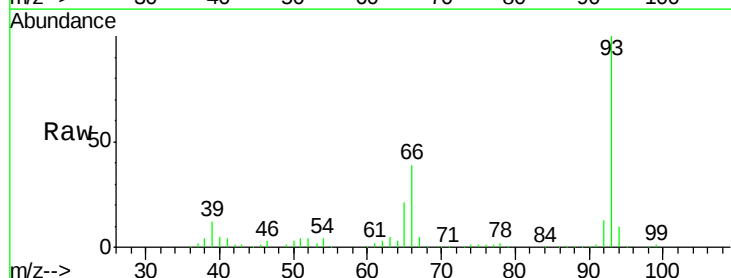
Tgt Ion: 93 Resp: 385194

Ion Ratio Lower Upper

93 100

66 39.3 32.9 49.3

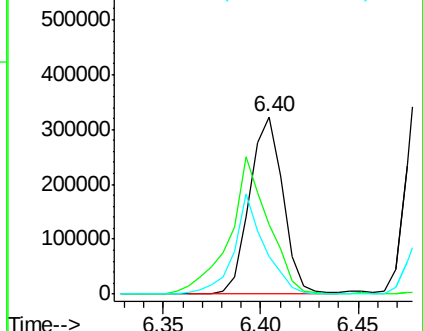
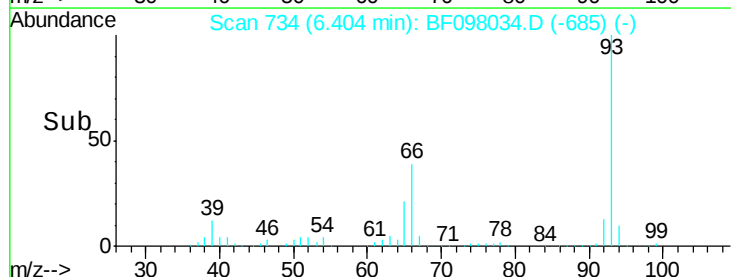
65 20.8 16.0 24.0

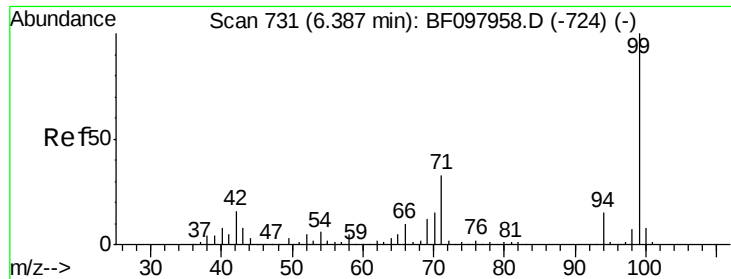


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.76 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

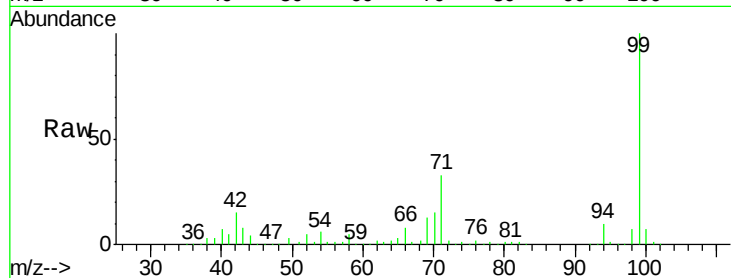
Tot Ion: 99 Resp: 1263985

Ion Ratio Lower Upper

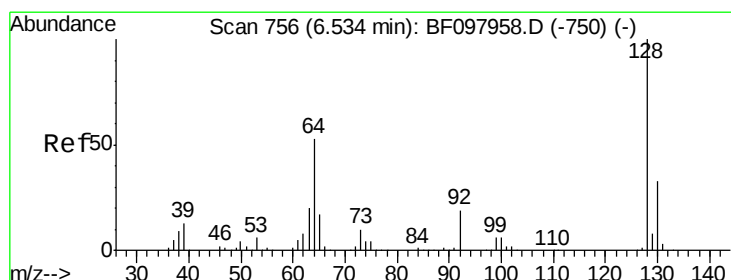
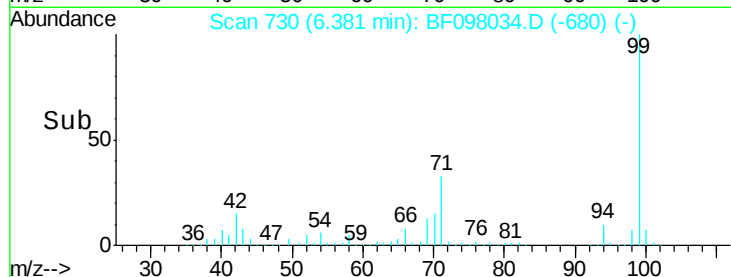
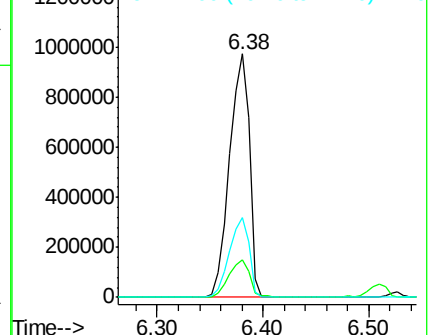
99 100

42 15.3 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: 39.82 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

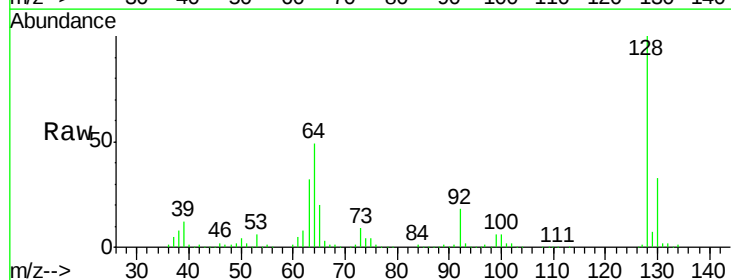
Tgt Ion: 128 Resp: 313117

Ion Ratio Lower Upper

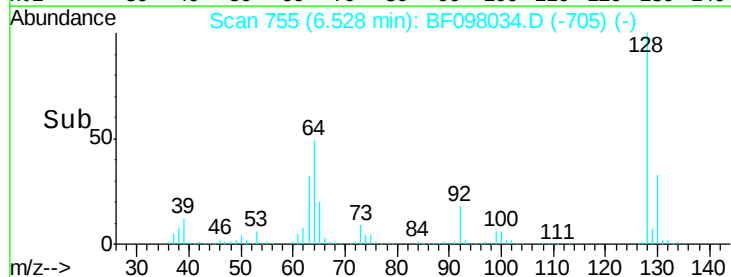
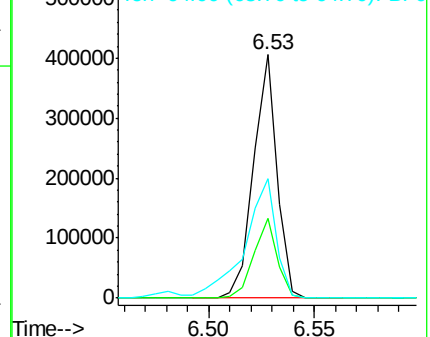
128 100

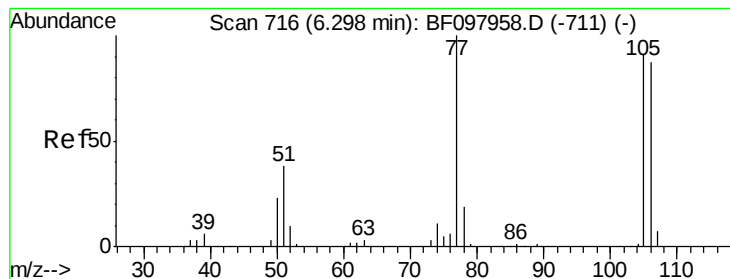
130 32.6 12.9 52.9

64 49.0 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: 25.67 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleID :

PB101788BS

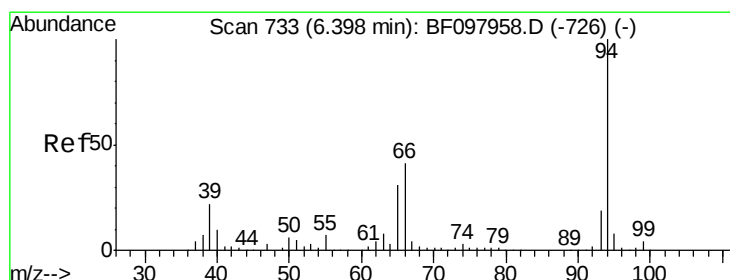
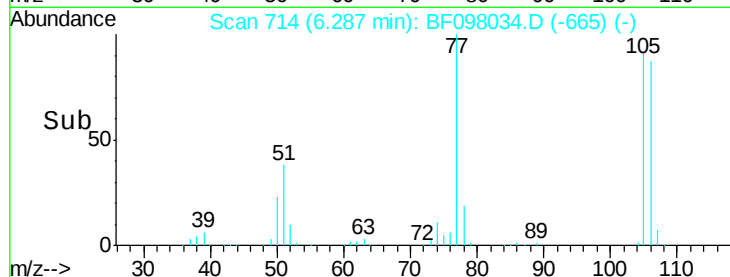
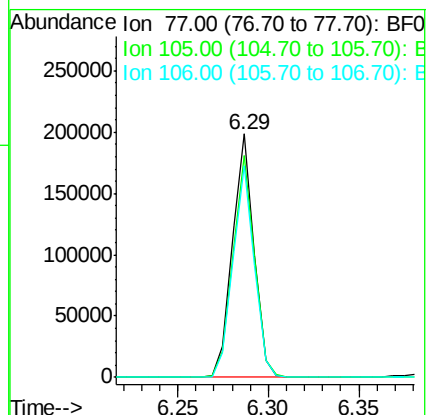
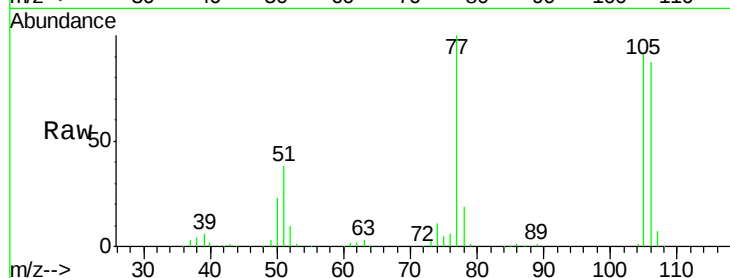
Tot Ion: 77 Resp: 164759

Ion Ratio Lower Upper

77 100

105 91.2 83.8 123.8

106 87.0 79.1 119.1



#10

Phenol

Concen: 38.31 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

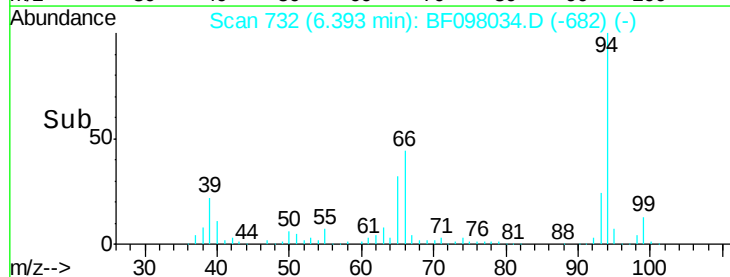
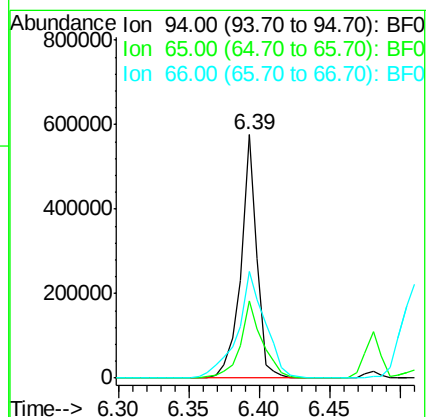
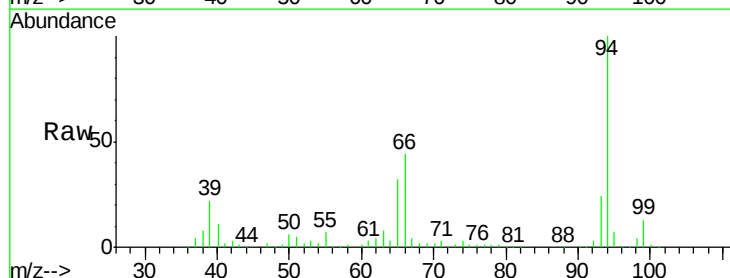
Tgt Ion: 94 Resp: 453989

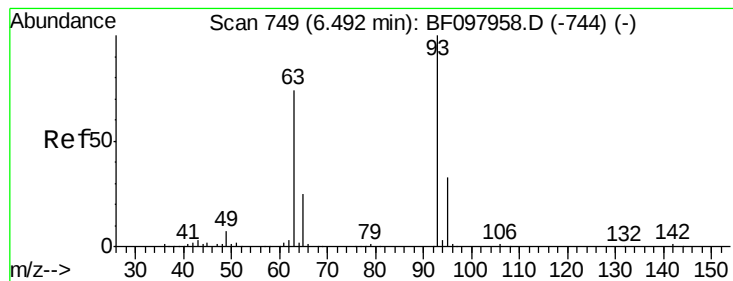
Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

66 43.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.41 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

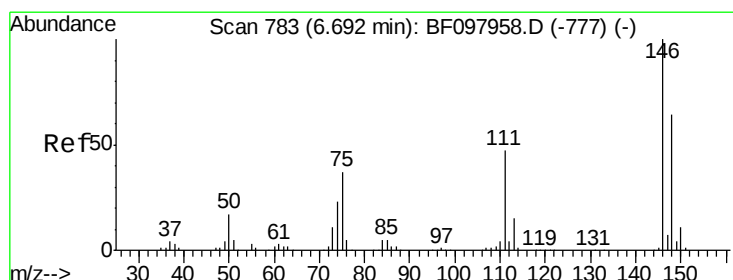
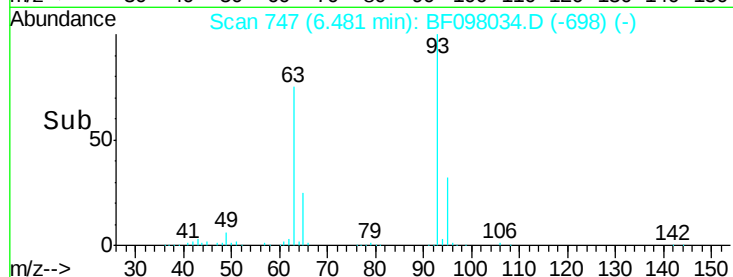
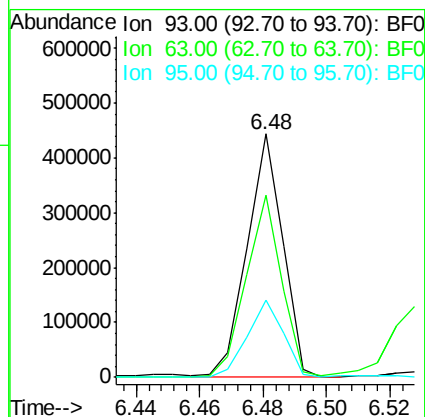
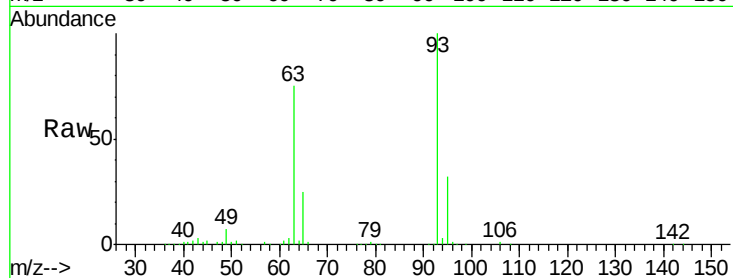
Tot Ion: 93 Resp: 343521

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.90 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

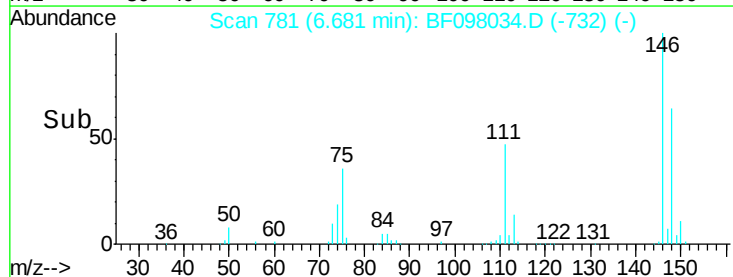
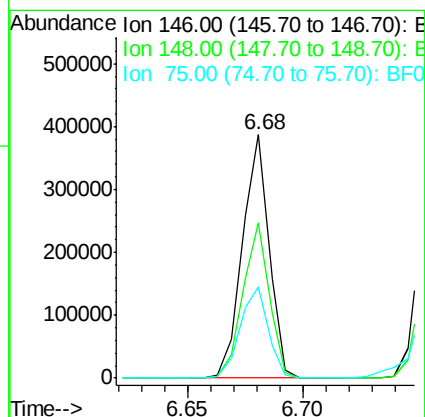
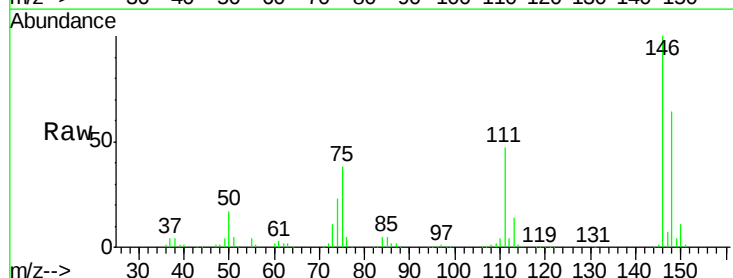
Tgt Ion: 146 Resp: 312105

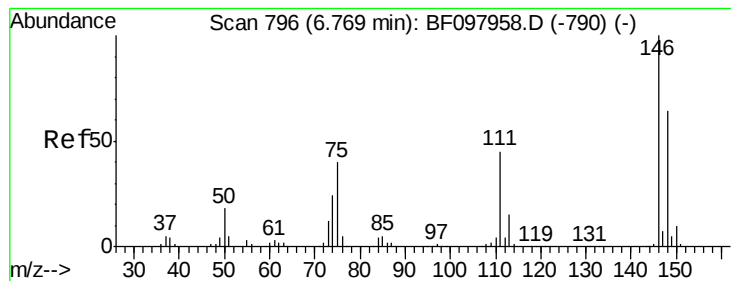
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 37.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 37.00 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

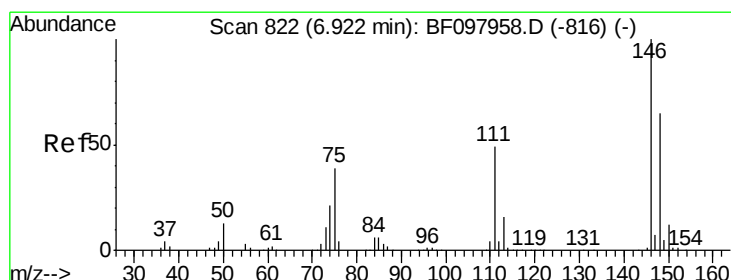
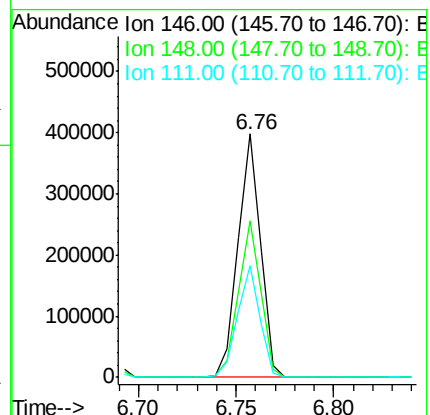
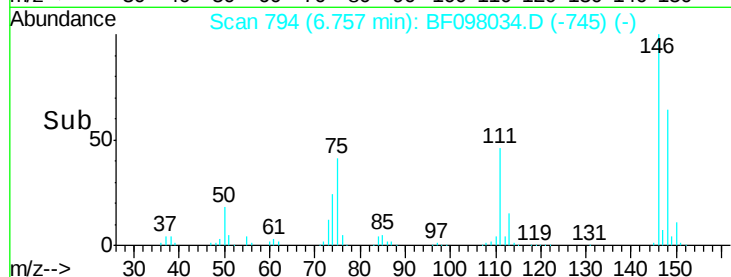
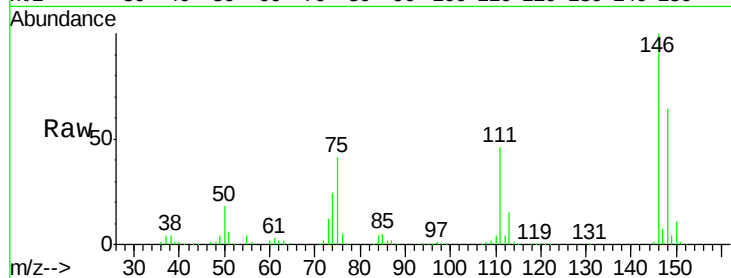
Tot Ion:146 Resp: 318338

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 46.1 30.3 45.5#



#14

1,2-Dichlorobenzene

Concen: 37.51 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

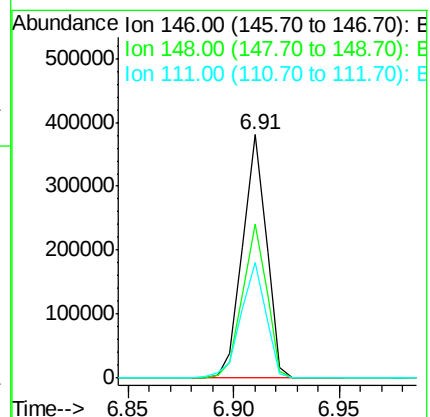
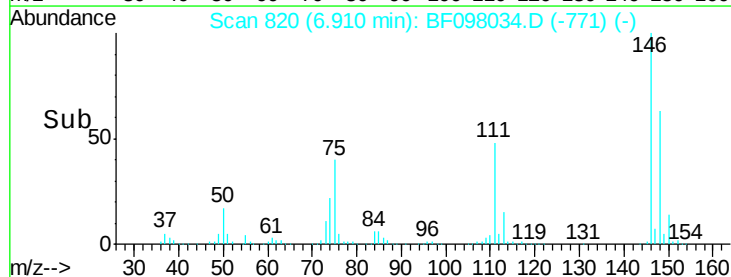
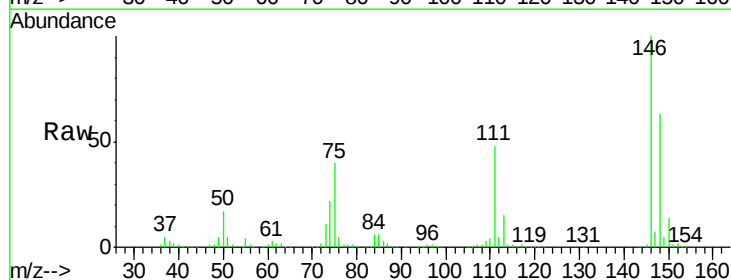
Tgt Ion:146 Resp: 297520

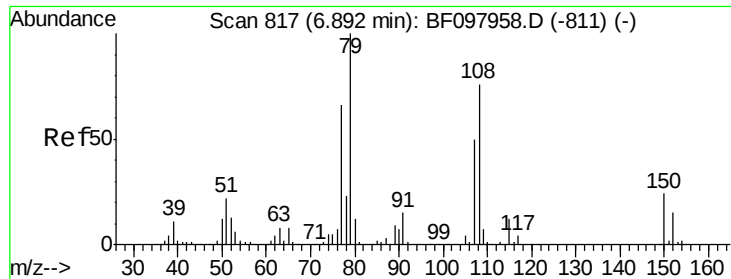
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 47.7 38.2 57.4

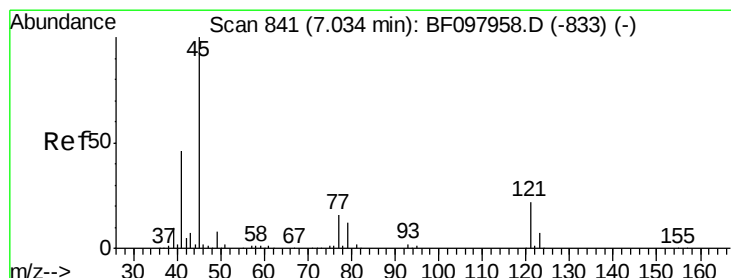
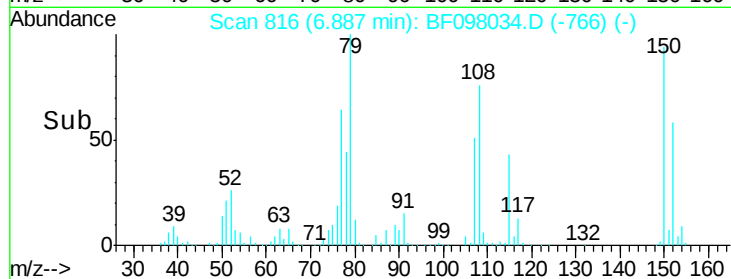
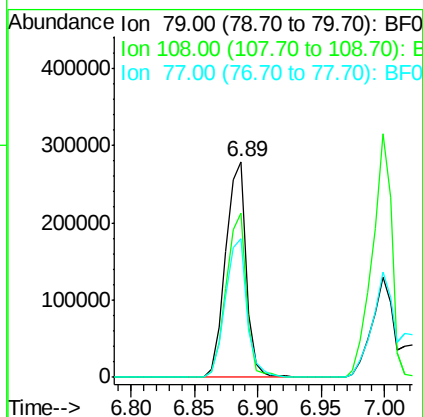
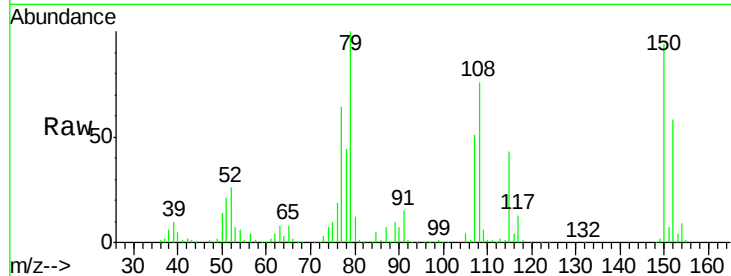




#15
Benzyl Alcohol
Concen: 41.39 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

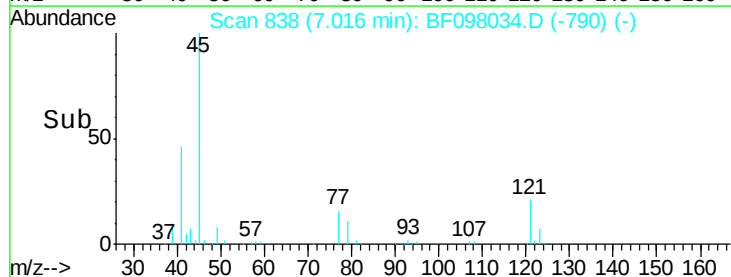
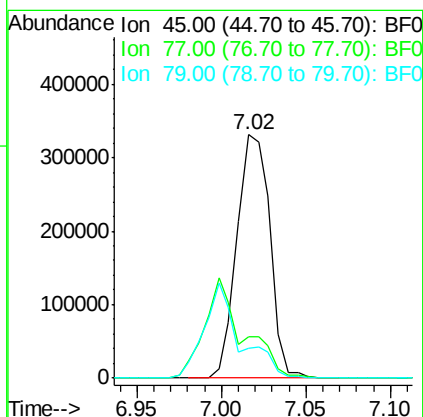
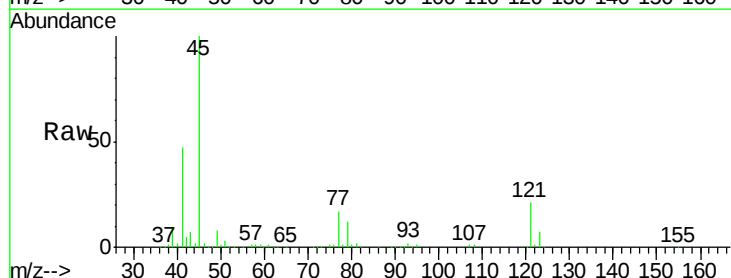
Instrument :
BNA_F
ClientSampleId :
PB101788BS

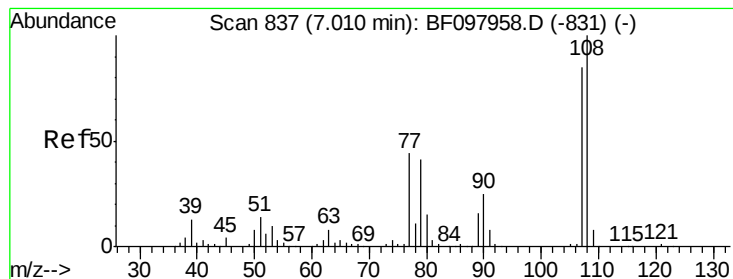
Tot Ion: 79 Resp: 313934
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 64.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.60 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion: 45 Resp: 452461
Ion Ratio Lower Upper
45 100
77 17.1 0.0 33.2
79 12.4 0.0 30.0





#17

2-Methylphenol

Concen: 41.83 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

Tot Ion:107 Resp: 289894

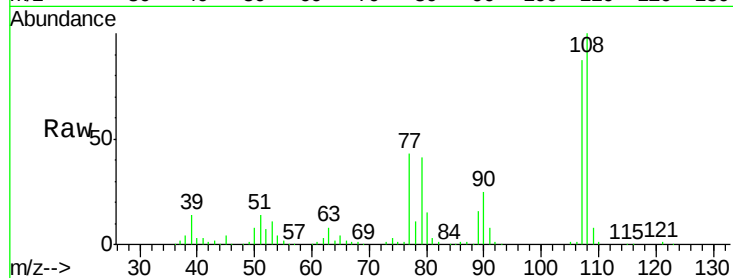
Ion Ratio Lower Upper

107 100

108 114.4 93.4 140.0

77 49.7 35.8 53.6

79 47.1 34.8 52.2

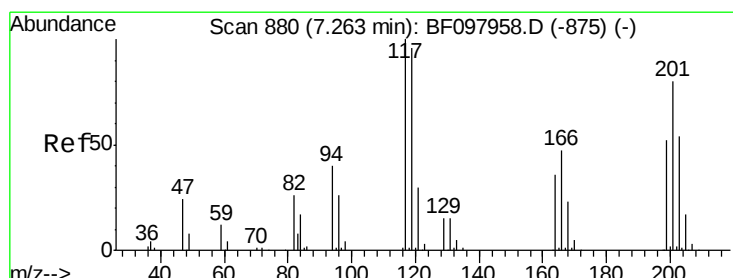
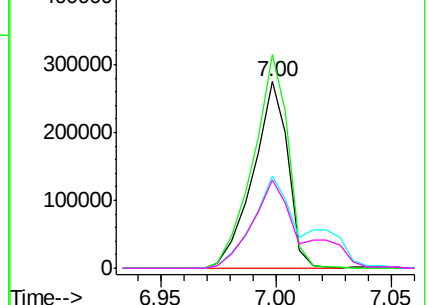
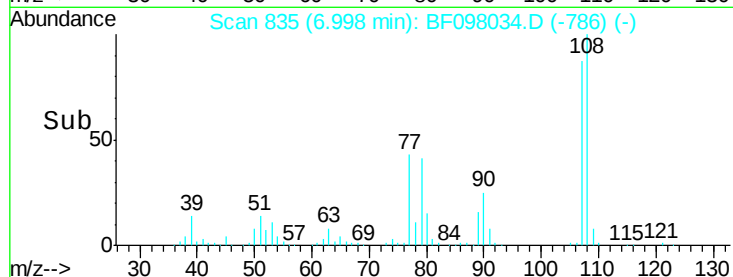


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.83 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

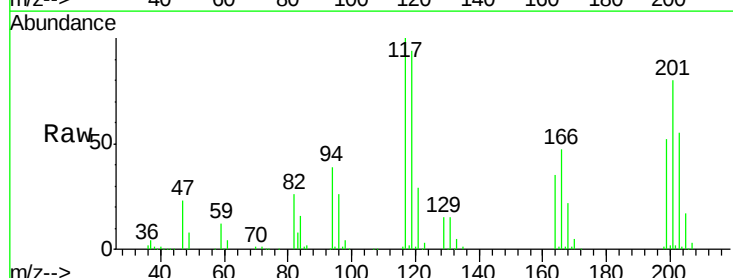
Tgt Ion:117 Resp: 127610

Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.0

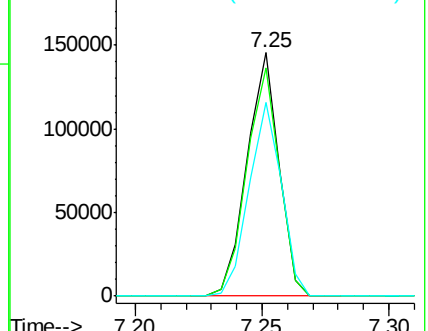
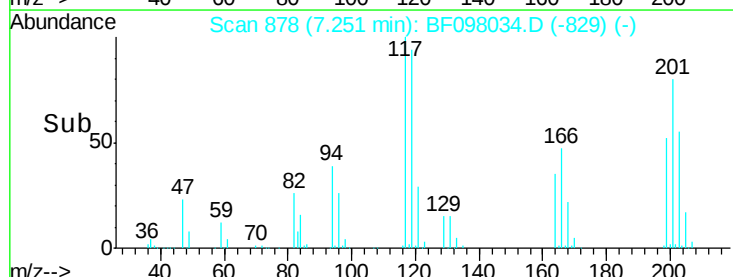
201 79.7 94.6 141.8#

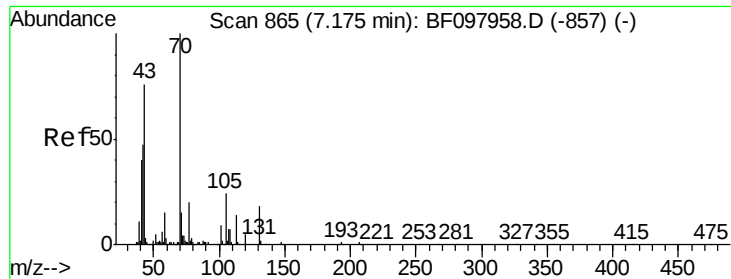


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

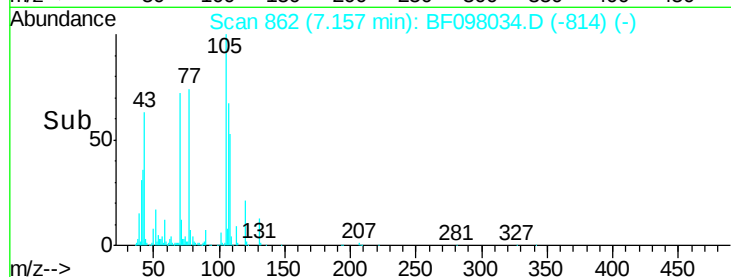
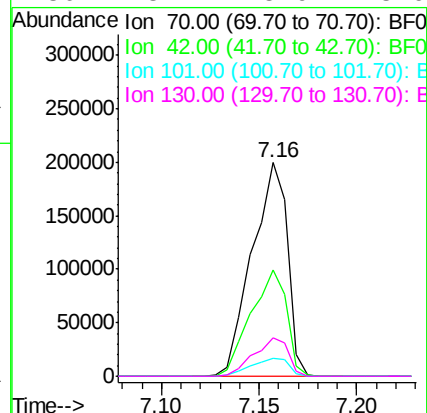
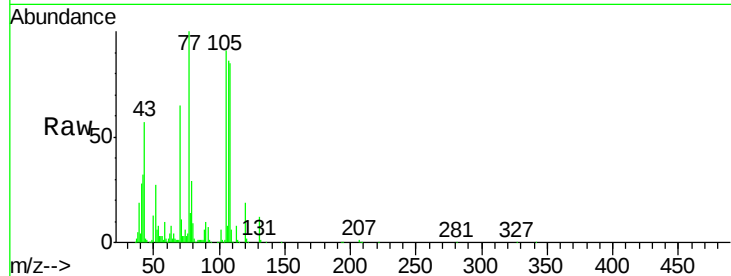




#19
n-Nitroso-di-n-propylamine
Concen: 36.12 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

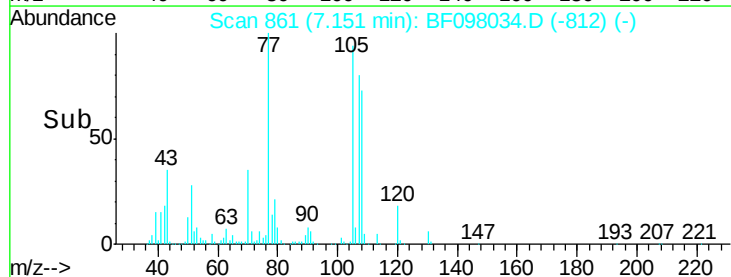
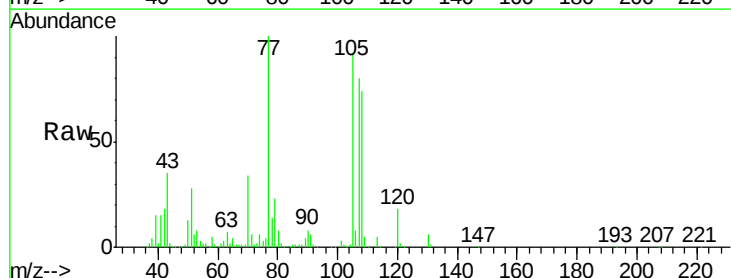
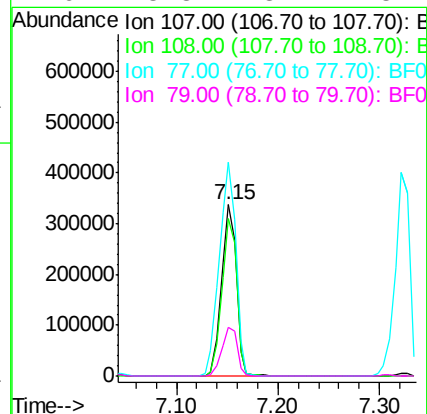
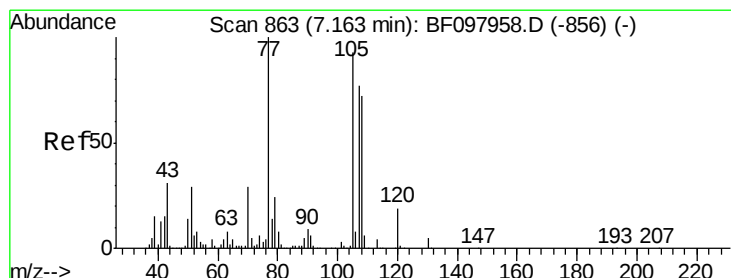
Instrument :
BNA_F
ClientSampleId :
PB101788BS

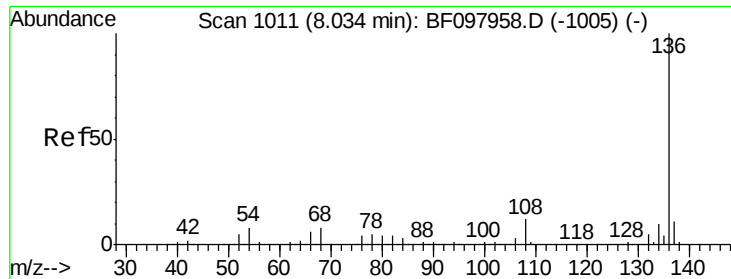
Tot Ion:	70	Resp:	250529
Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.2	70.8
101	8.6	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.75 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion:	107	Resp:	344884
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.0	111.0
77	124.9	90.5	130.5
79	28.8	8.4	48.4

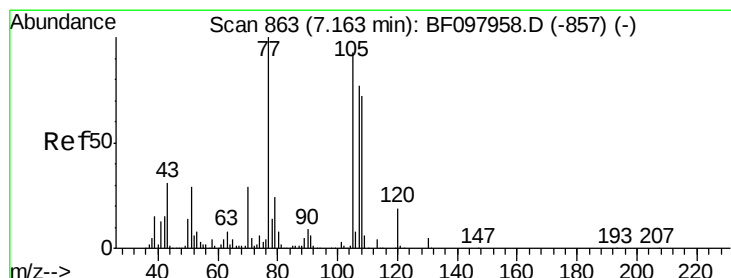
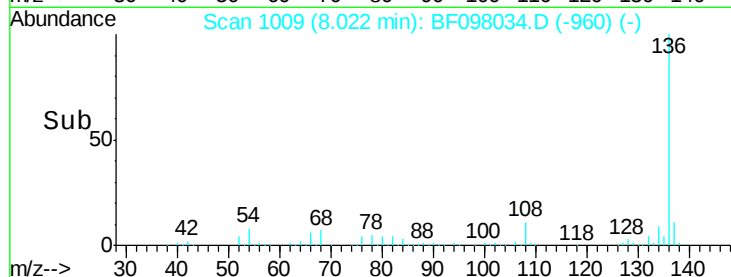
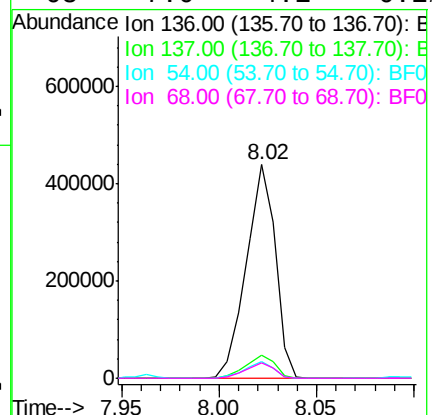
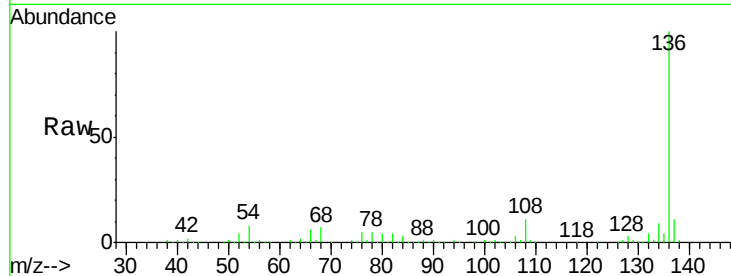




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

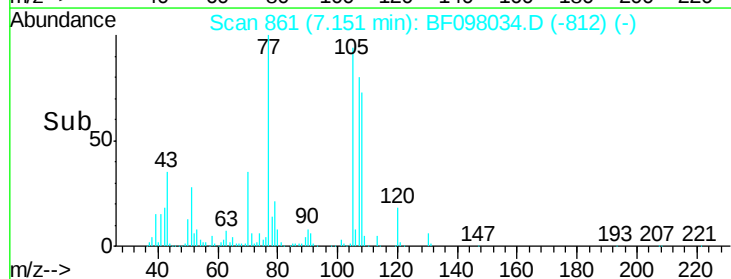
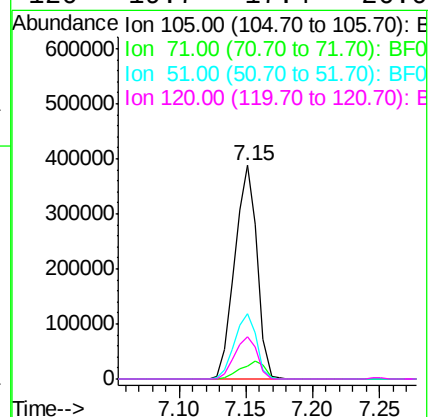
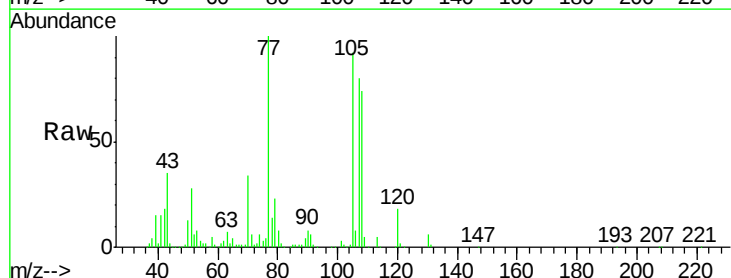
Instrument :
BNA_F
ClientSampleId :
PB101788BS

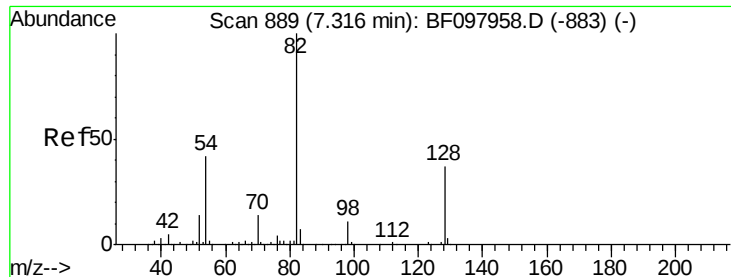
Tot Ion:136	Resp:	454217
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.8	4.9 7.3#
68	7.0	4.1 6.1#



#22
Acetophenone
Concen: 37.95 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion:105	Resp:	455425
Ion Ratio	Lower	Upper
105	100	
71	6.3	2.8 4.2#
51	30.8	30.7 46.1
120	19.7	17.4 26.0

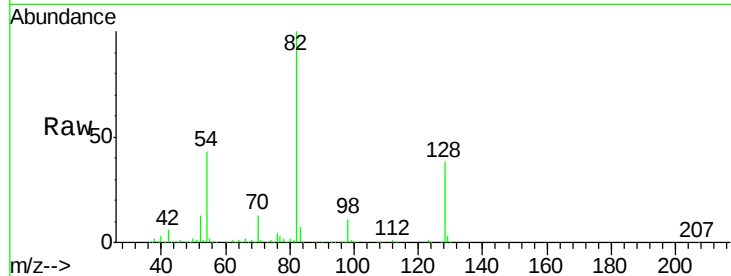




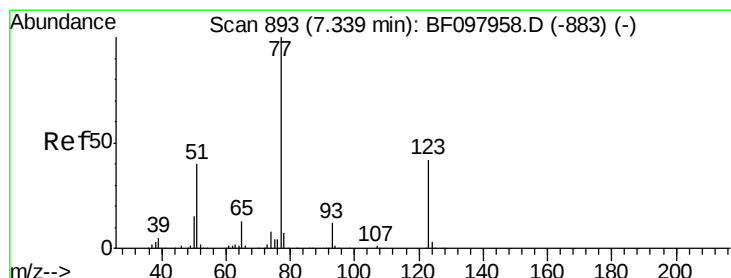
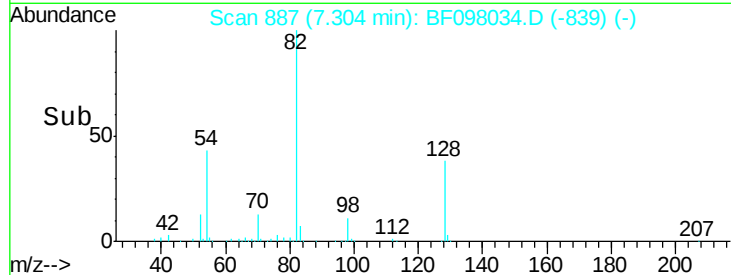
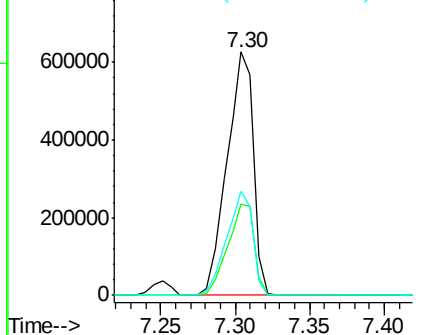
#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion	82	Resp	777739
Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.0	51.0
54	42.5	42.2	63.2

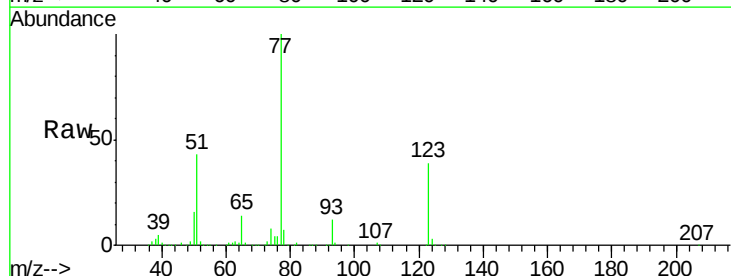


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

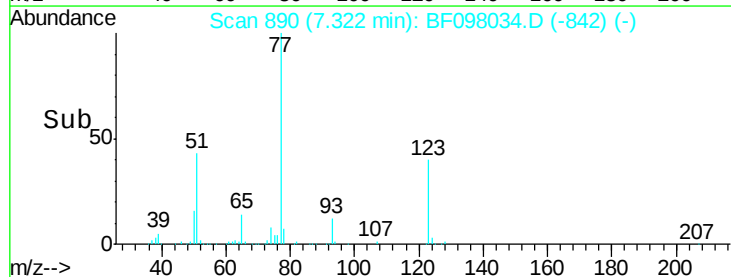
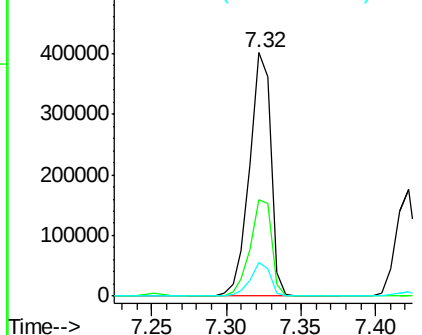


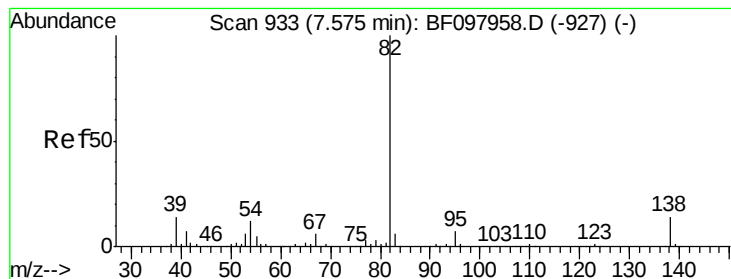
#24
 Nitrobenzene
 Concen: 42.53 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion	77	Resp	395922
Ion	Ratio	Lower	Upper
77	100		
123	39.4	35.8	53.8
65	13.7	10.6	15.8



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





#25

Isophorone

Concen: 40.65 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

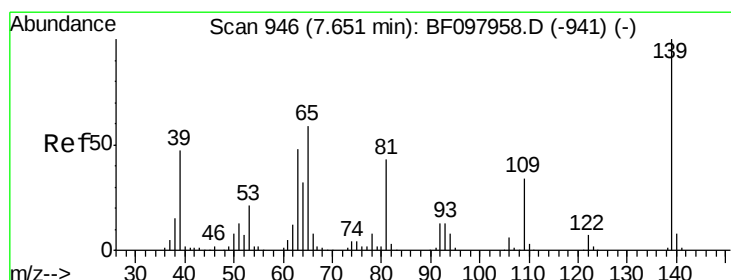
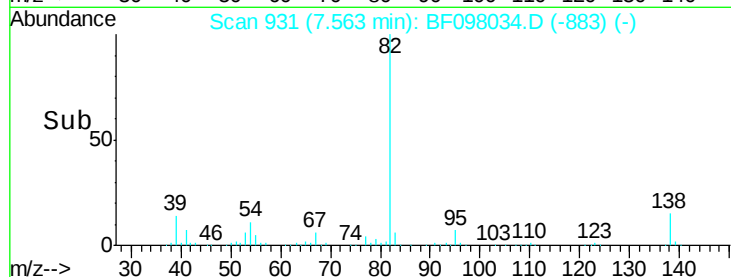
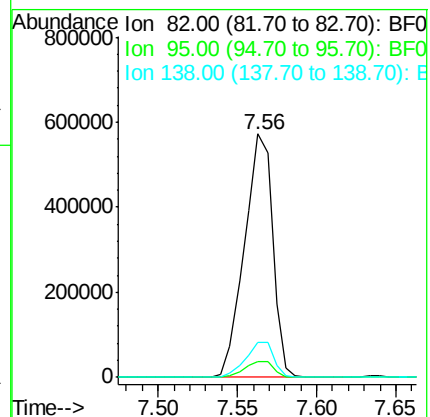
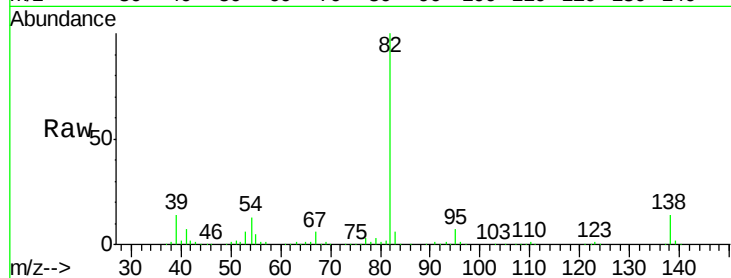
Tot Ion: 82 Resp: 706795

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.4 13.1 19.7



#26

2-Nitrophenol

Concen: 47.79 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

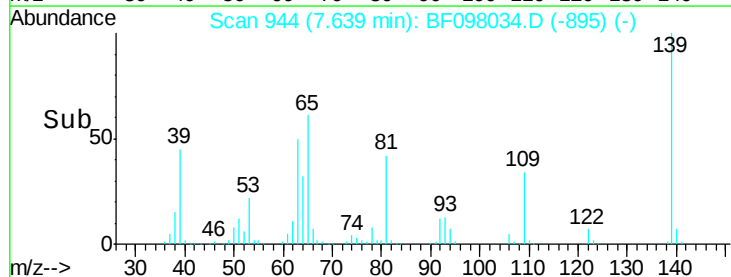
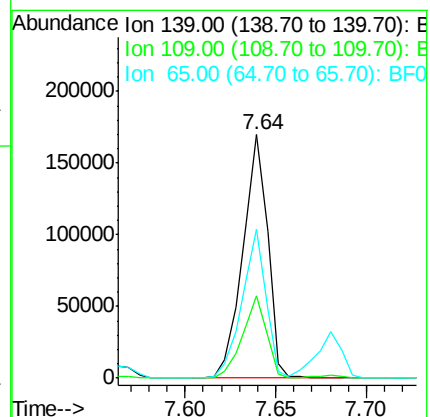
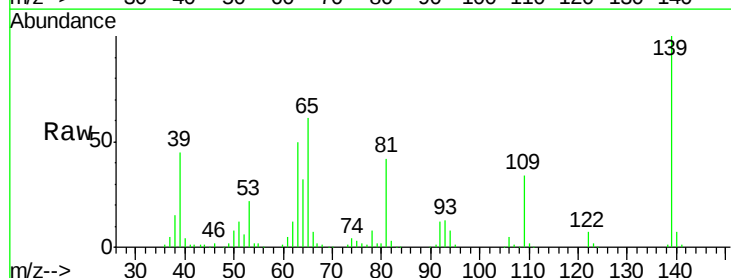
Tgt Ion: 139 Resp: 161090

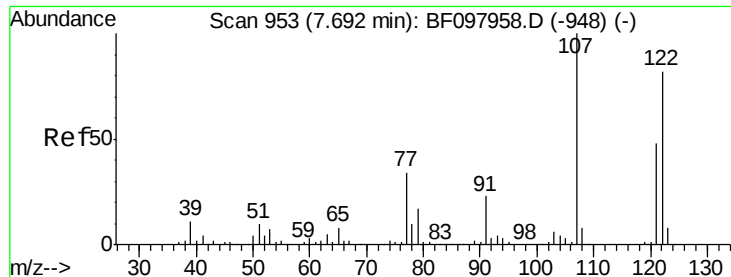
Ion Ratio Lower Upper

139 100

109 33.7 21.0 31.6#

65 60.9 33.0 49.6#

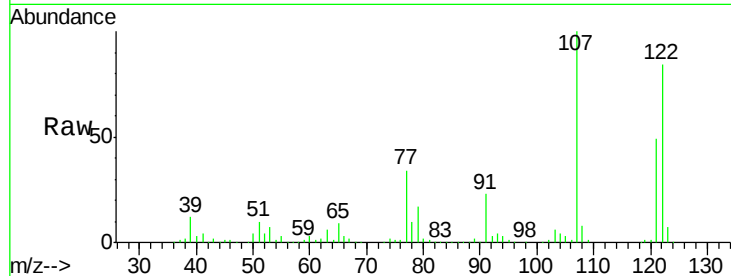




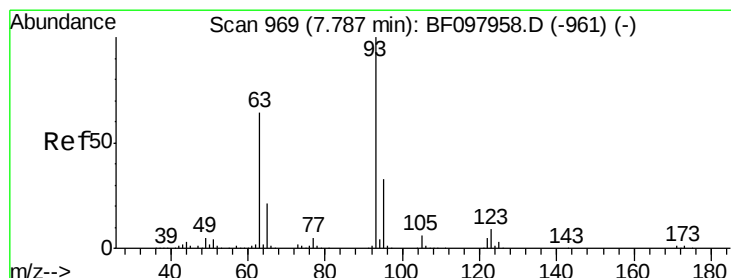
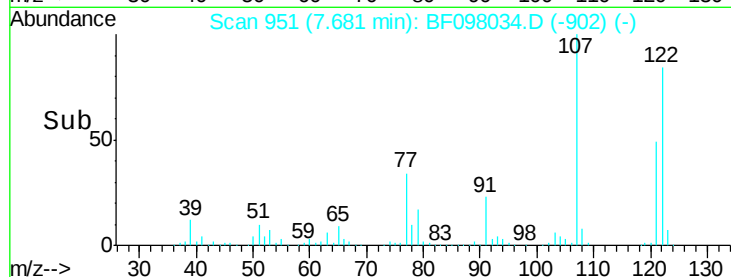
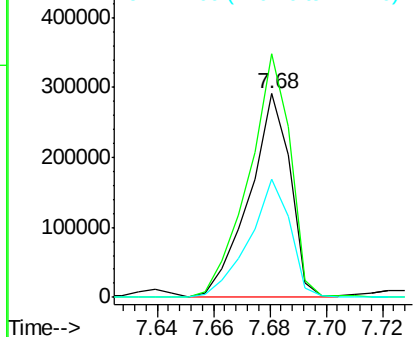
#27
 2,4-Dimethylphenol
 Concen: 40.60 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion:122 Resp: 294363
 Ion Ratio Lower Upper
 122 100
 107 119.7 89.2 133.8
 121 58.3 45.2 67.8

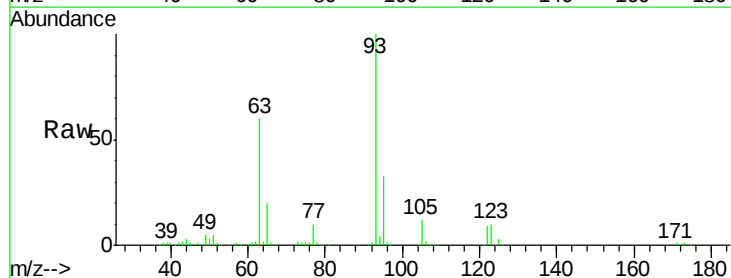


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

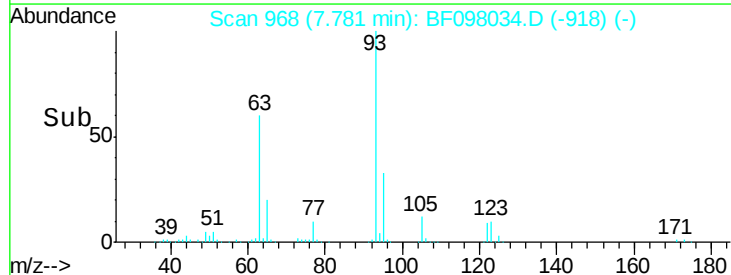
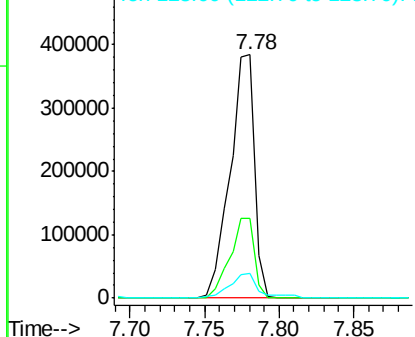


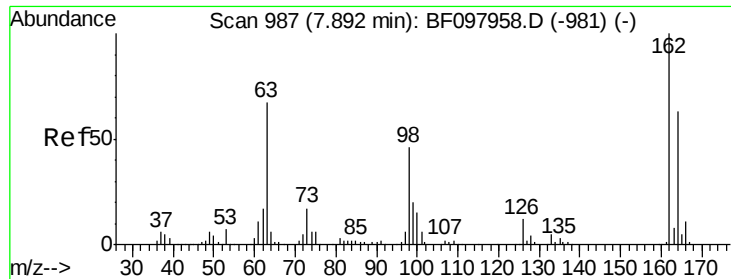
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.81 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion: 93 Resp: 443605
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.1 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

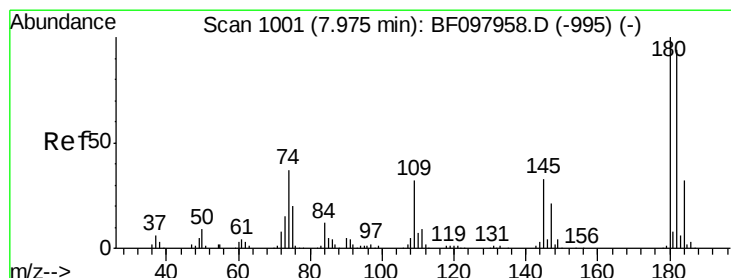
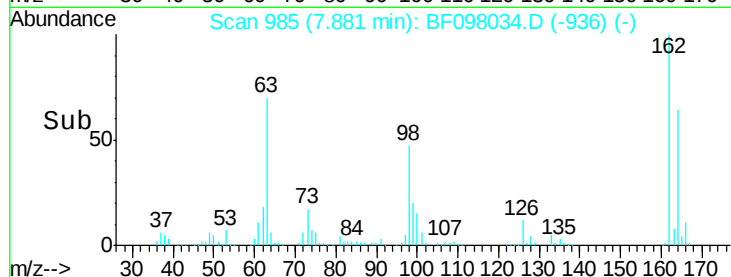
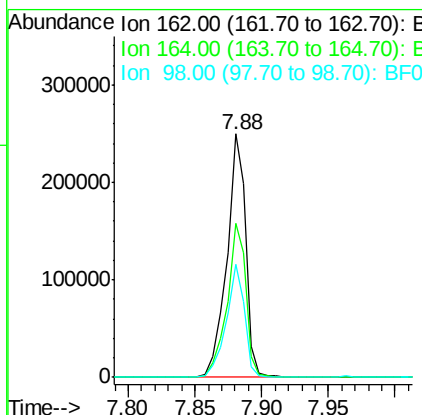
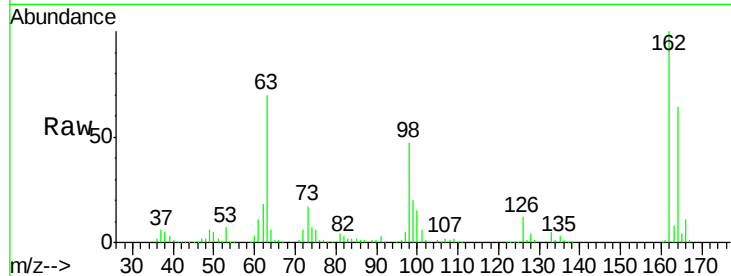




#29
 2,4-Dichlorophenol
 Concen: 41.68 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

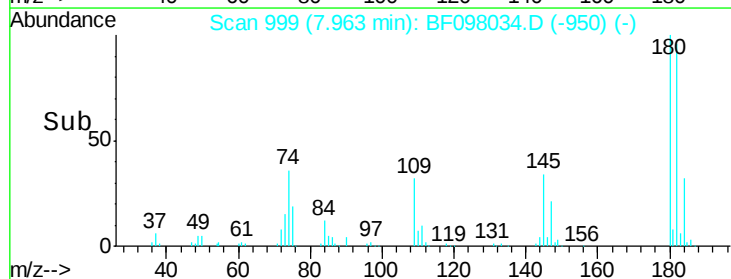
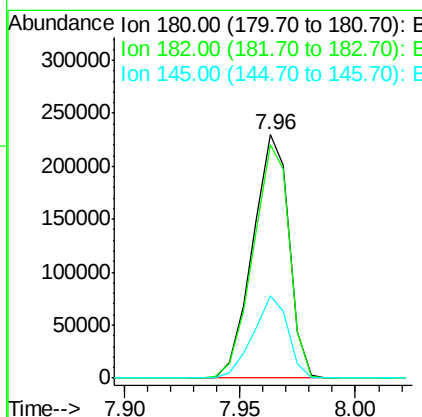
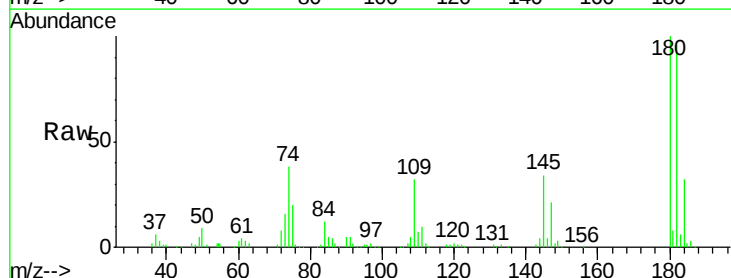
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

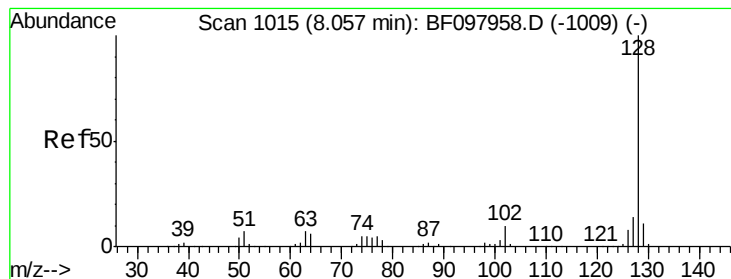
Tot Ion:162 Resp: 250874
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 46.6 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.60 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:180 Resp: 250877
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.8 113.6
 145 33.7 25.3 37.9





#31

Naphthalene

Concen: 38.18 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

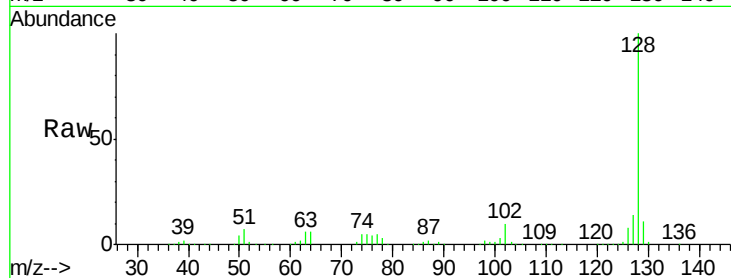
Tot Ion:128 Resp: 900271

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

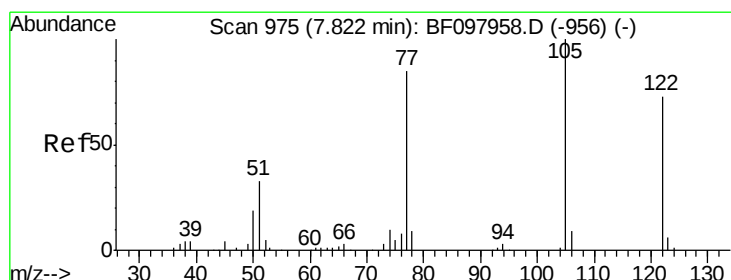
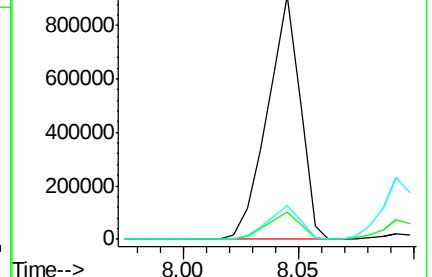
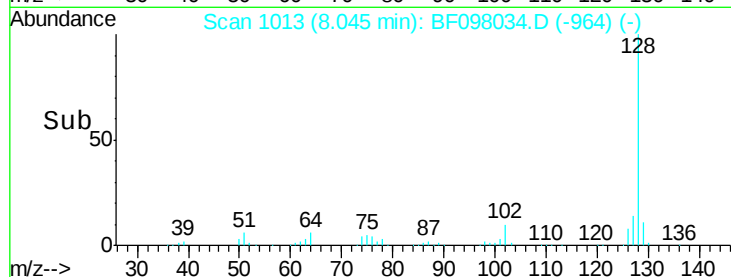
127 13.7 10.8 16.2



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: 34.76 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

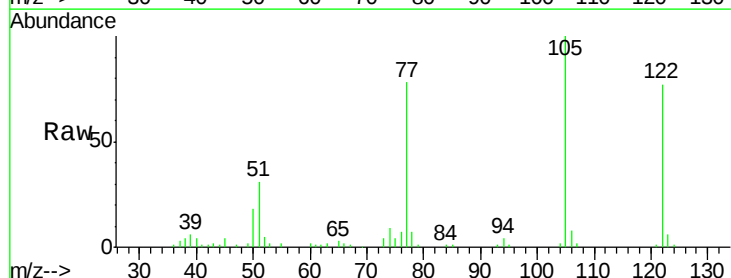
Tgt Ion:122 Resp: 172873

Ion Ratio Lower Upper

122 100

105 130.1 103.3 143.3

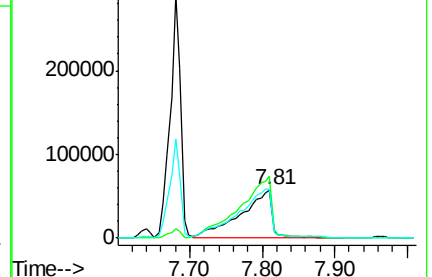
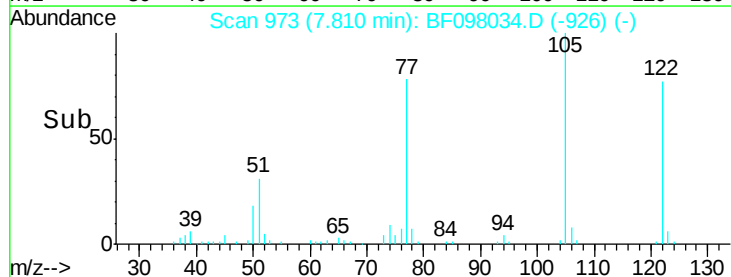
77 101.6 73.7 113.7

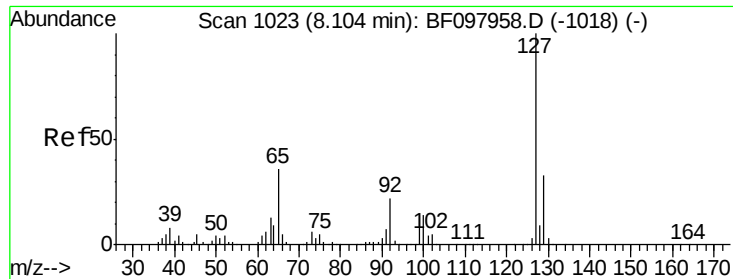


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

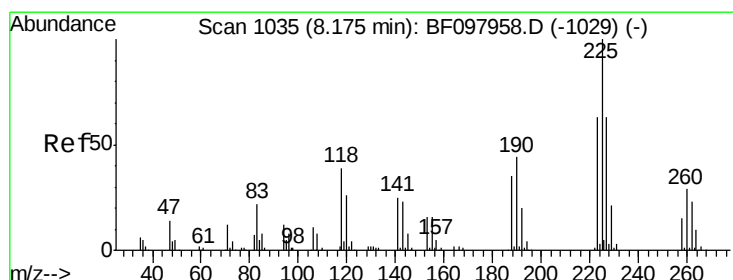
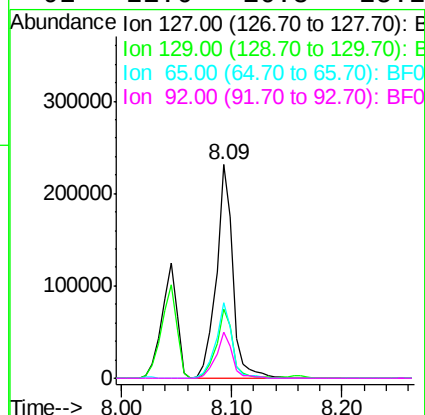
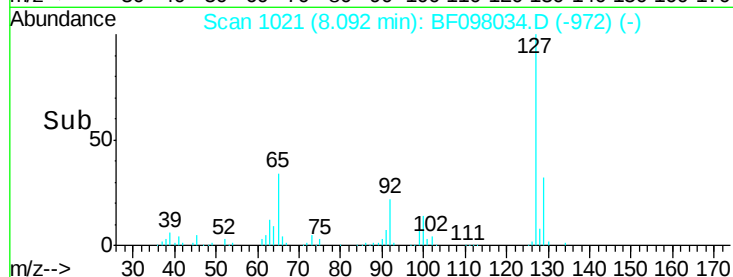
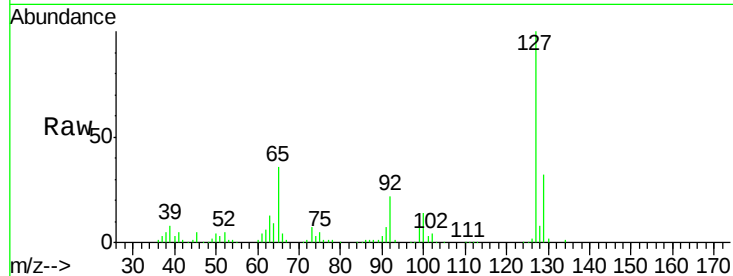




#33
4-Chloroaniline
Concen: 23.96 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

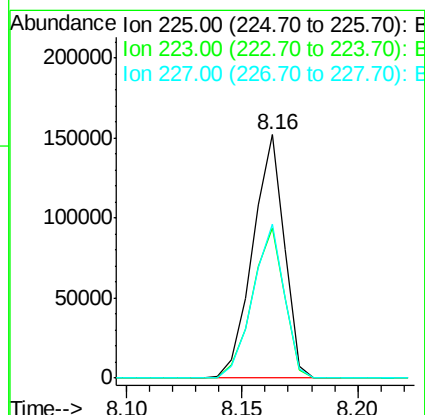
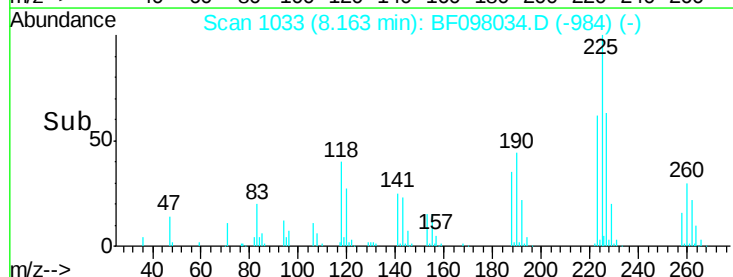
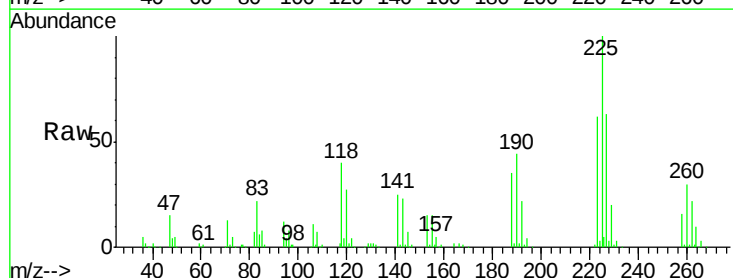
Instrument :
BNA_F
ClientSampleId :
PB101788BS

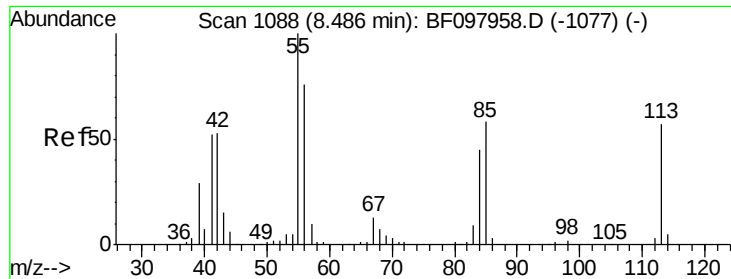
Tot Ion:	127	Resp:	238299
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	35.6	27.8	41.8
92	21.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.20 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion:	225	Resp:	144935
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.5	51.1	76.7

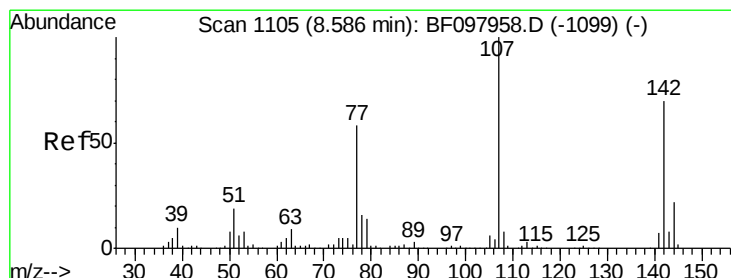
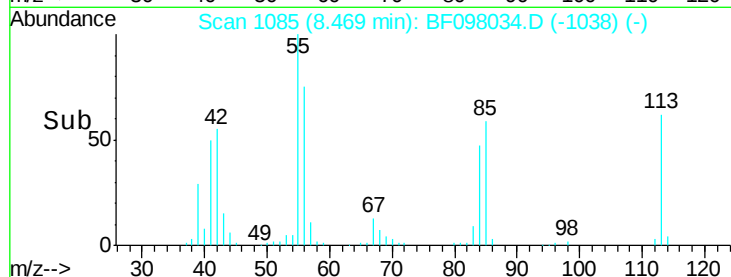
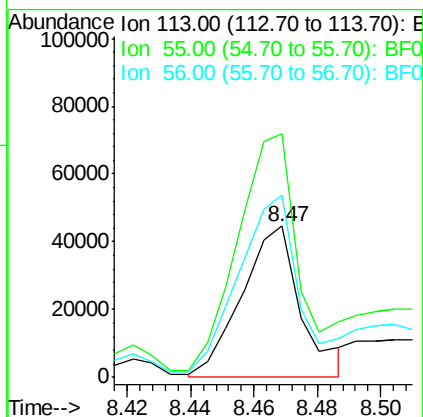
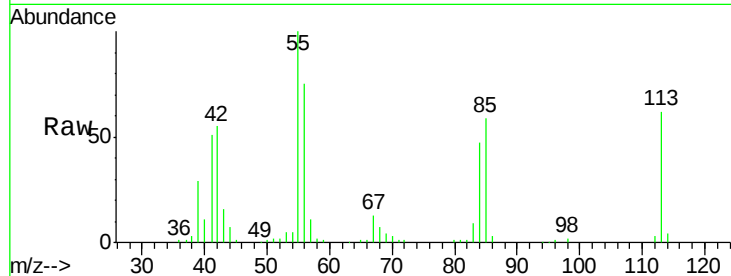




#35
 Caprolactam
 Concen: 28.23 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

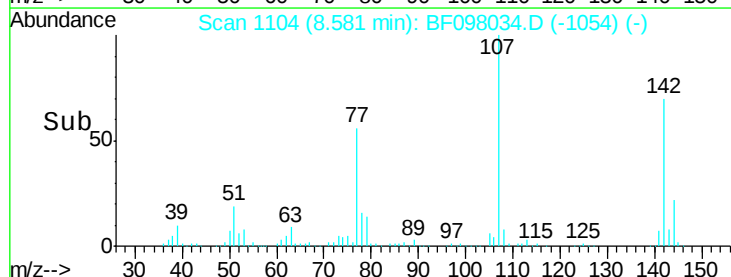
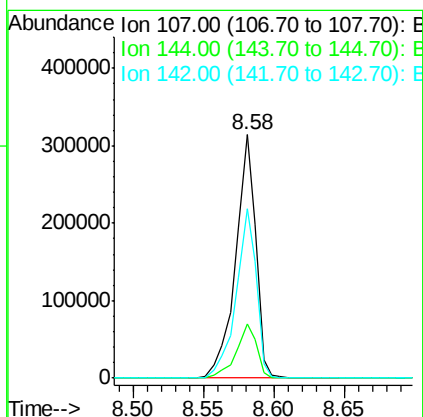
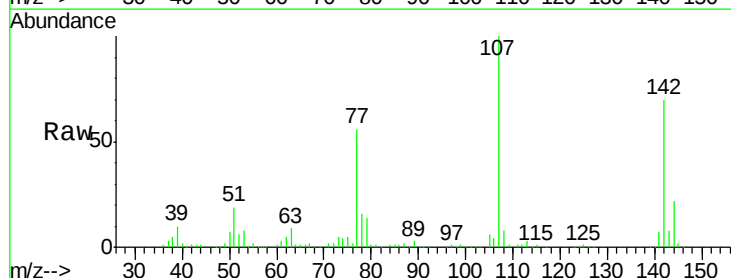
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

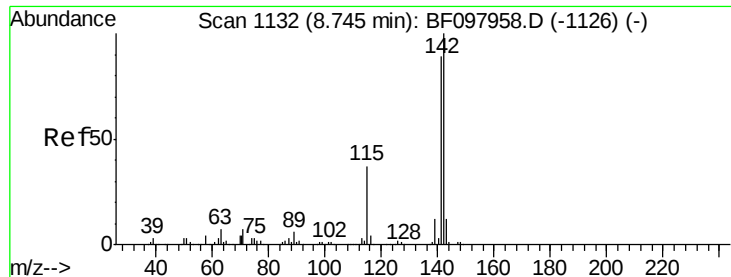
Tot Ion:113 Resp: 57764
 Ion Ratio Lower Upper
 113 100
 55 161.3 150.2 190.2
 56 120.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:107 Resp: 312906
 Ion Ratio Lower Upper
 107 100
 144 22.5 24.2 36.4#
 142 69.6 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 40.68 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

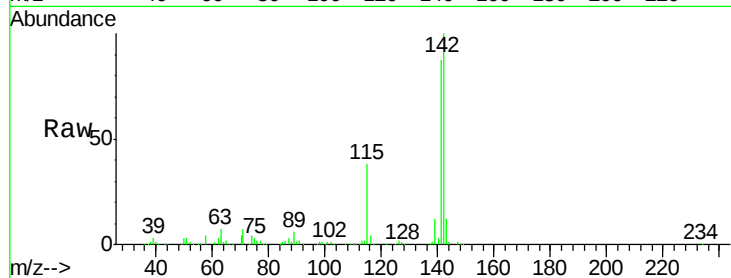
Tot Ion:142 Resp: 588157

Ion Ratio Lower Upper

142 100

141 87.5 71.3 106.9

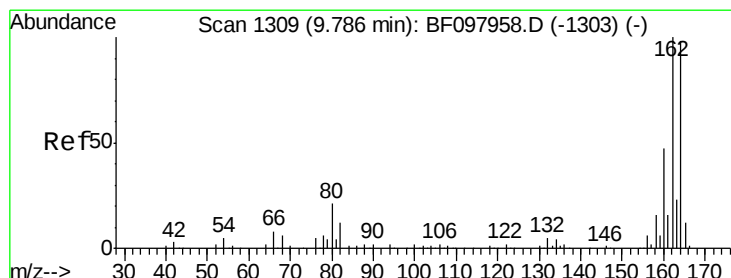
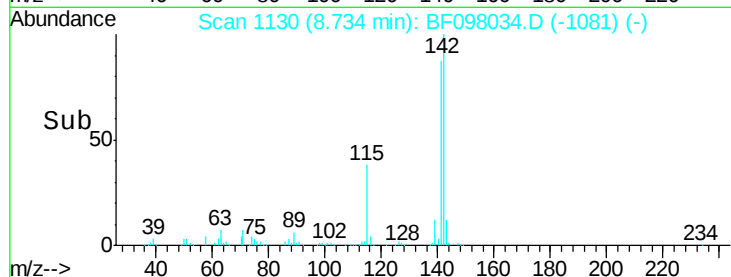
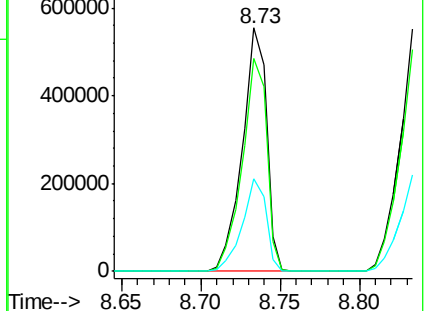
115 37.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

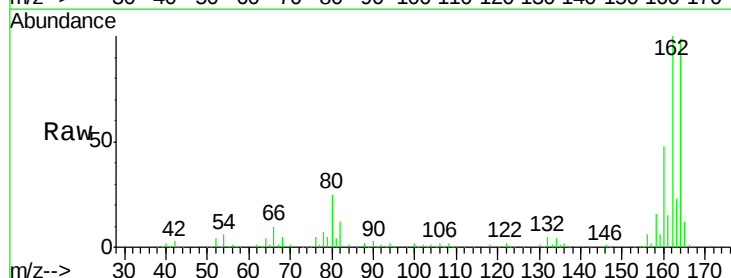
Tgt Ion:164 Resp: 203887

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

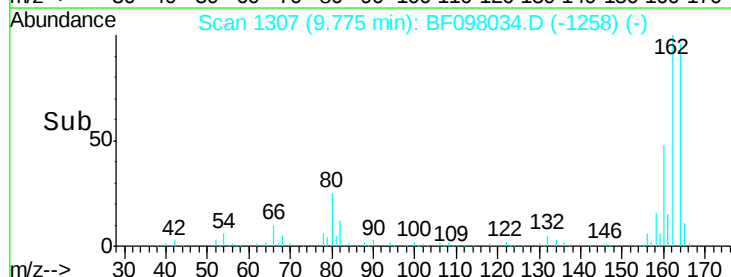
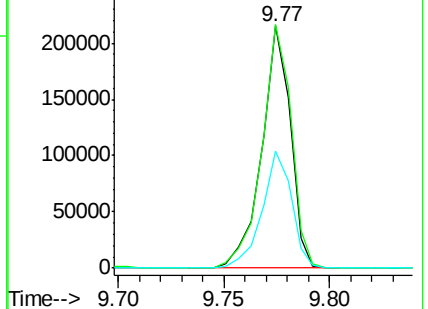
160 48.2 36.2 54.2

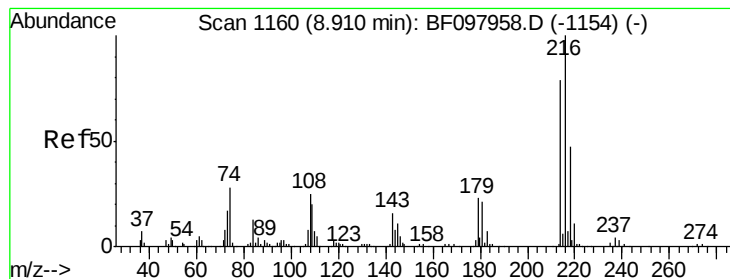


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

Tot Ion:216 Resp: 231900

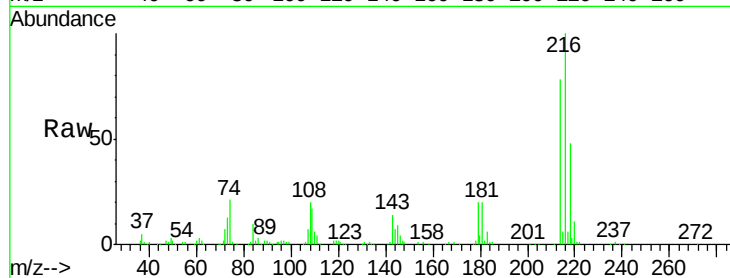
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 21.6 17.9 26.9

108 27.1 16.5 24.7#

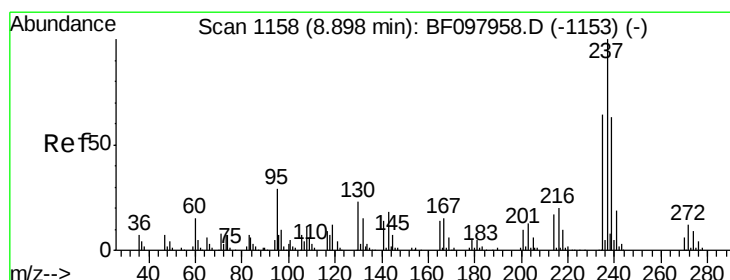
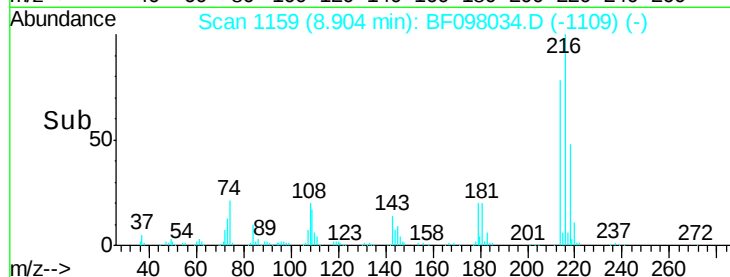
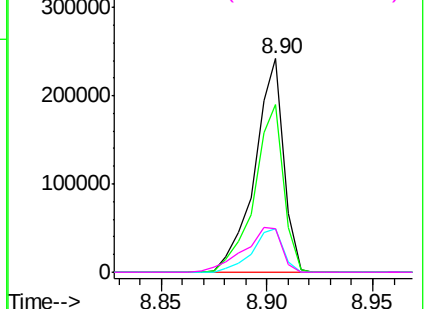


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.25 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

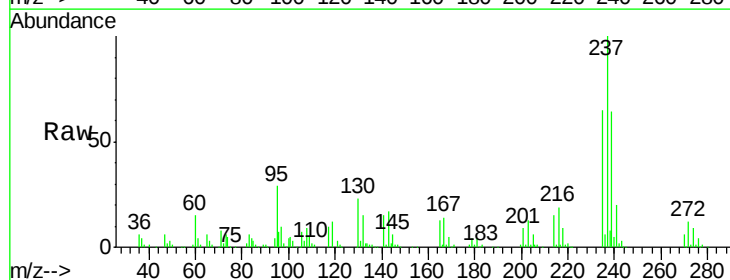
Tgt Ion:237 Resp: 265269

Ion Ratio Lower Upper

237 100

235 65.5 42.6 82.6

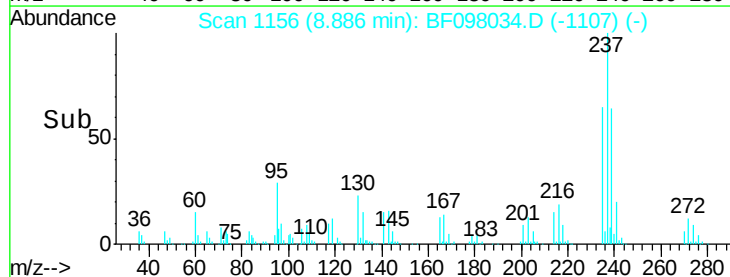
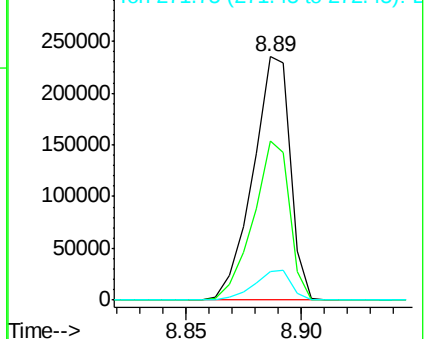
272 11.8 0.0 31.9

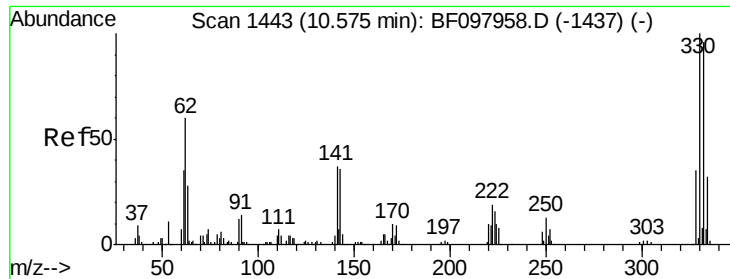


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

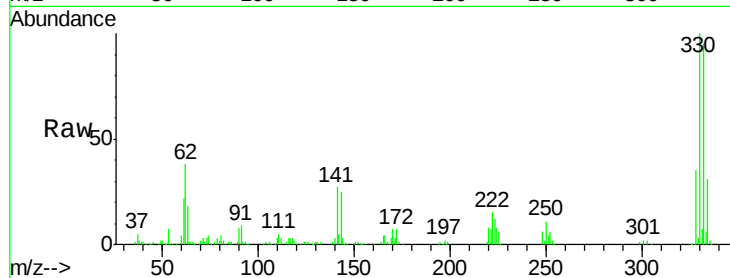




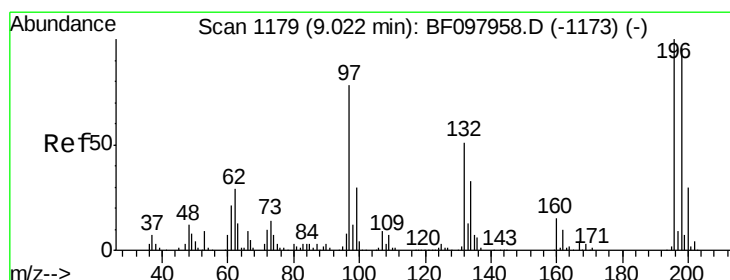
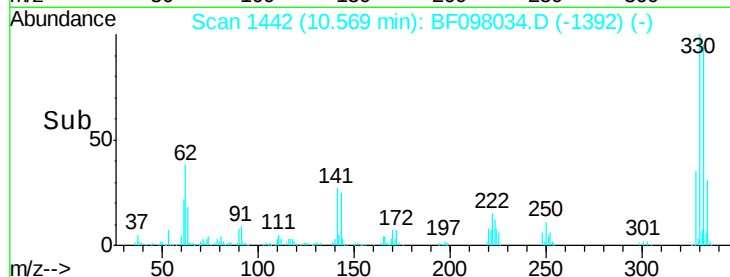
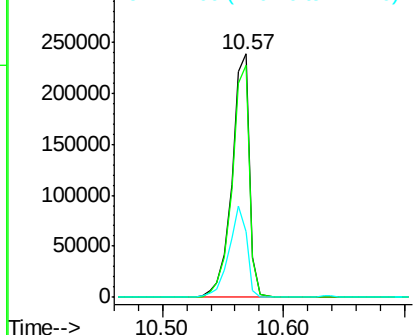
#41
 2,4,6-Tribromophenol
 Concen: 135.91 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion:330 Resp: 240438
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.3 31.4 47.2

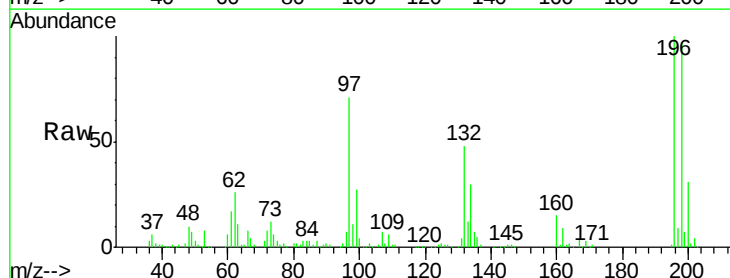


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

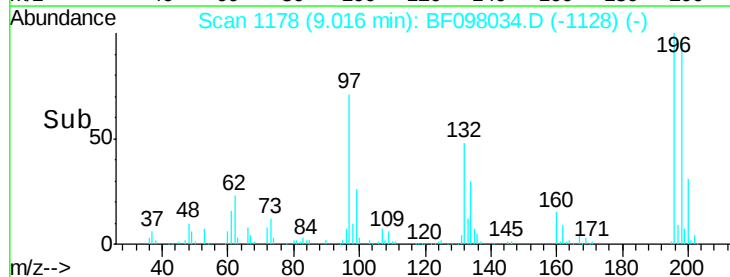
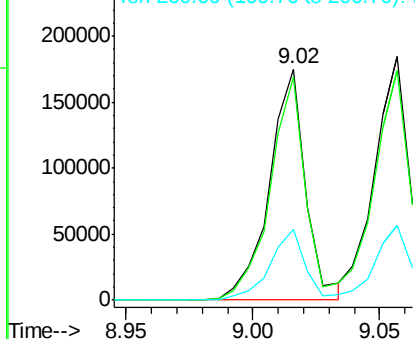


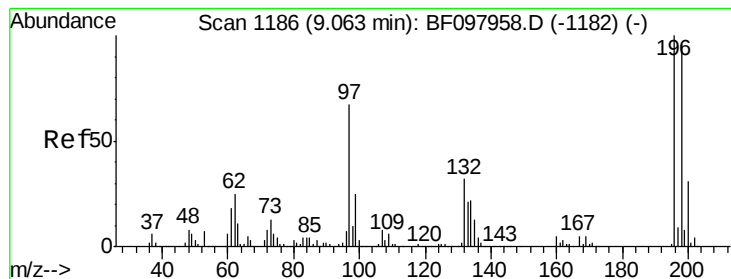
#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:196 Resp: 175695
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.4
 200 30.9 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

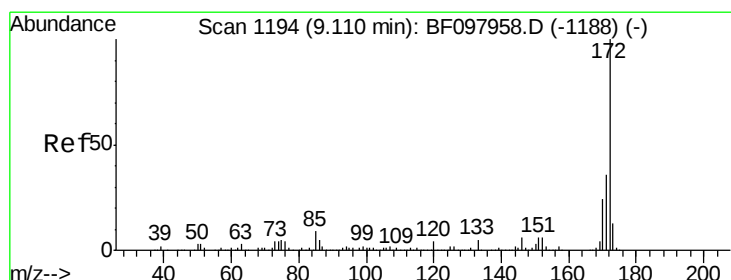
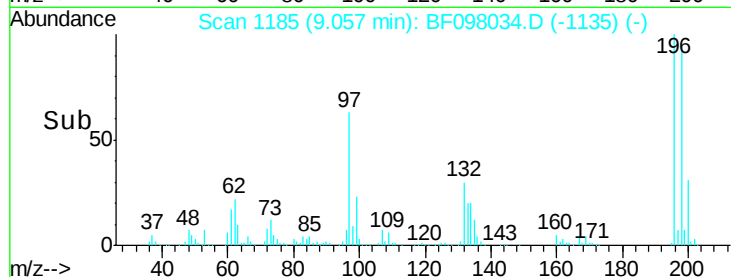
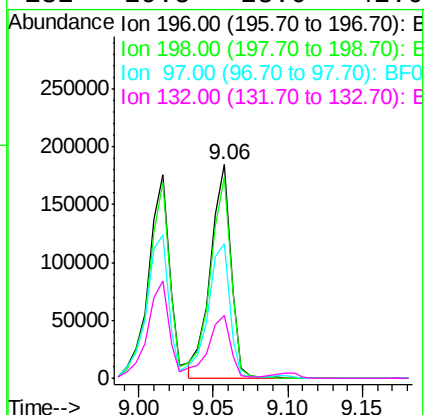
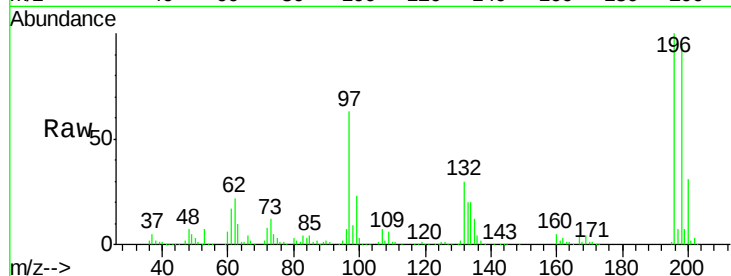




#43
 2,4,5-Trichlorophenol
 Concen: 42.42 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

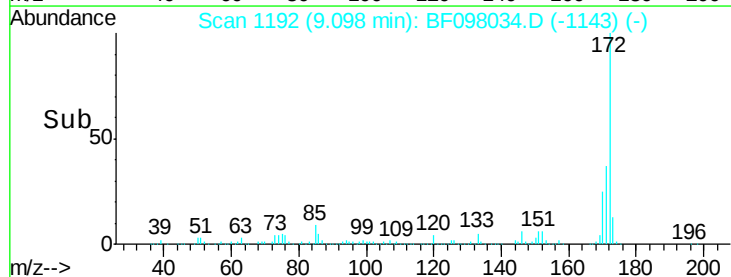
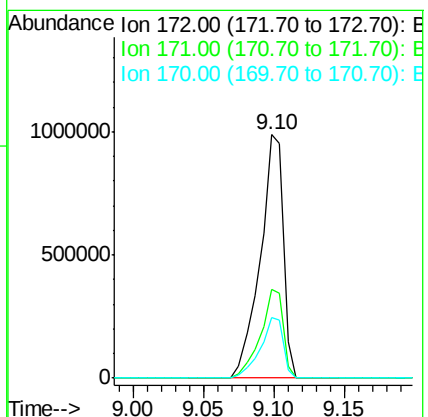
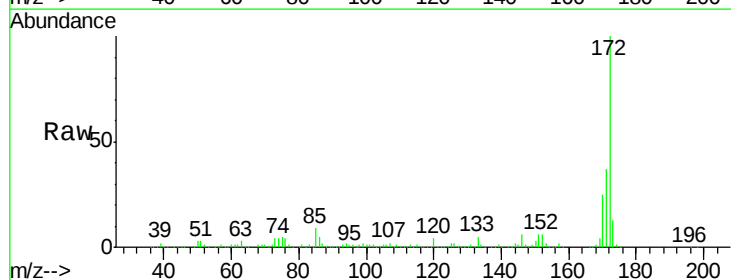
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

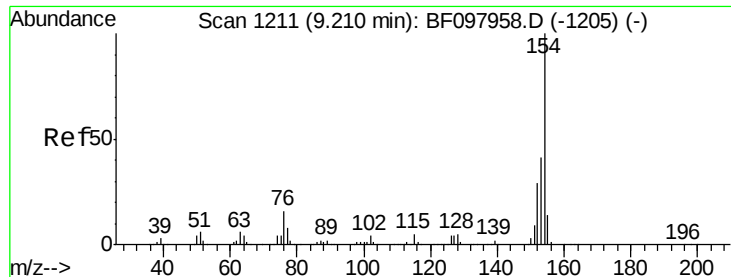
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	62.9	47.7	71.5
132	29.5	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 82.69 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 37.28 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

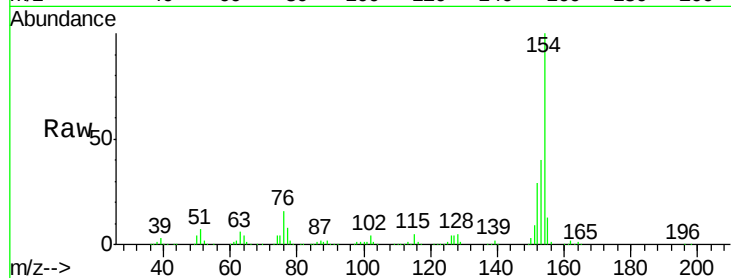
Tot Ion:154 Resp: 693162

Ion Ratio Lower Upper

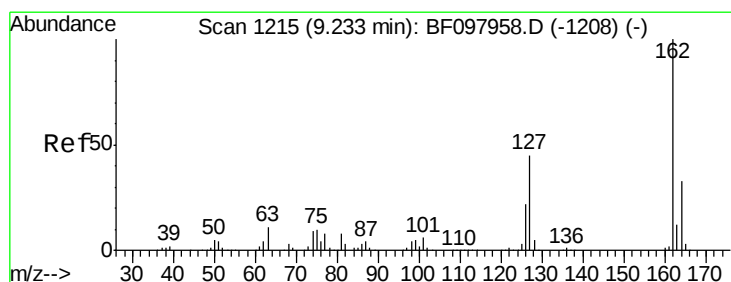
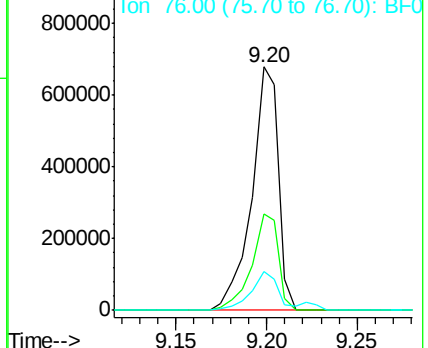
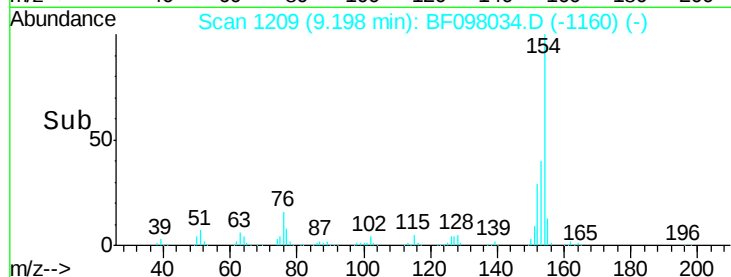
154 100

153 39.8 21.2 61.2

76 16.0 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: 37.20 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

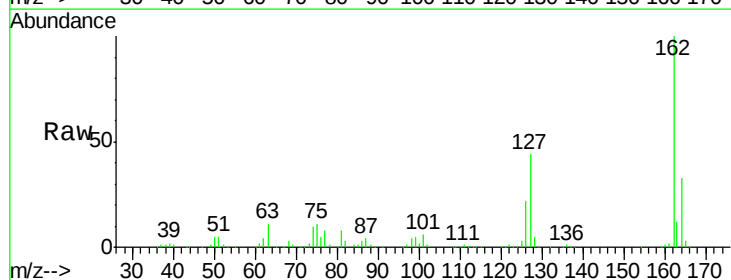
Tgt Ion:162 Resp: 511019

Ion Ratio Lower Upper

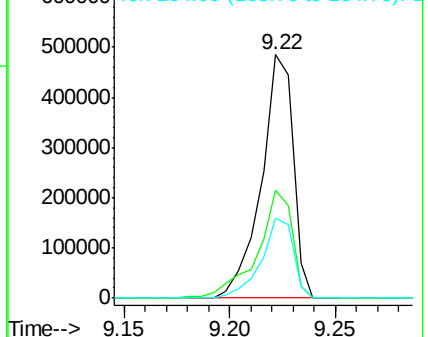
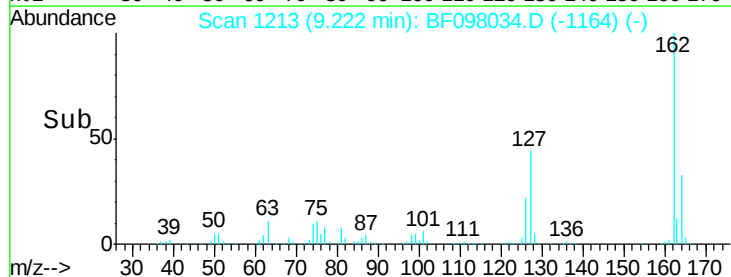
162 100

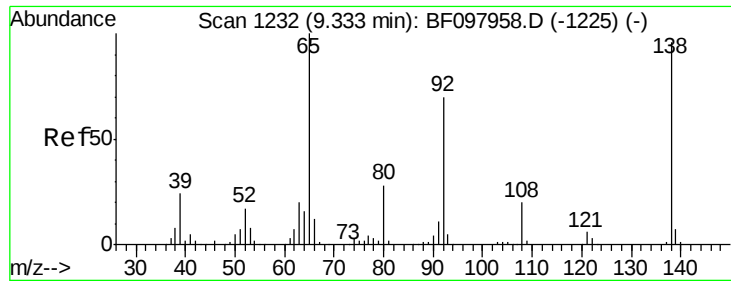
127 44.2 28.3 42.5#

164 32.6 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

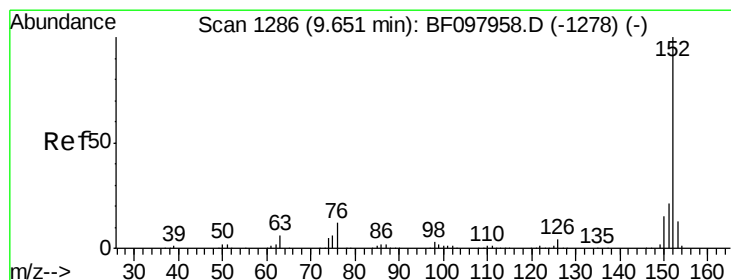
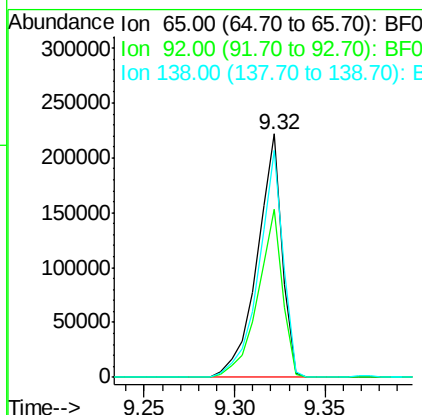
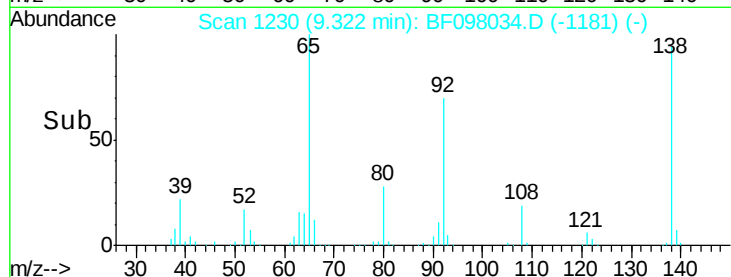
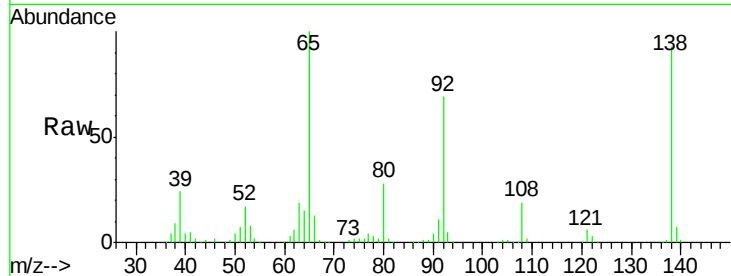




#47
 2-Nitroaniline
 Concen: 46.01 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

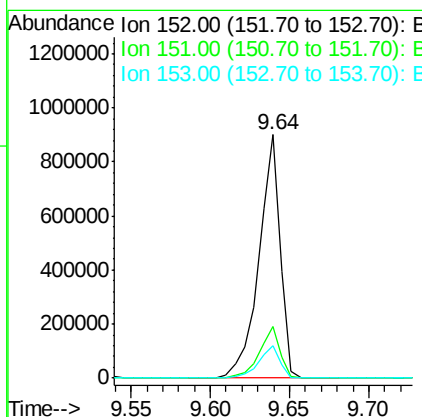
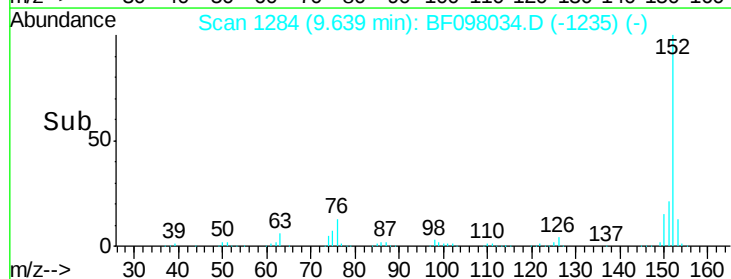
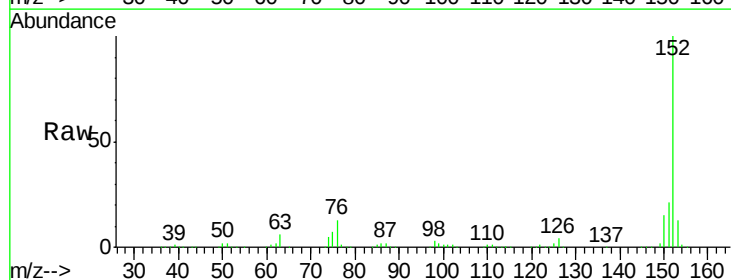
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

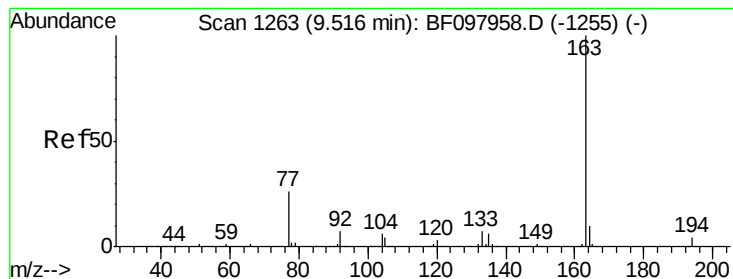
Tot Ion:	65	Resp:	211878
Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	93.4	78.8	118.2



#48
 Acenaphthylene
 Concen: 39.14 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:	152	Resp:	844278
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 40.56 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

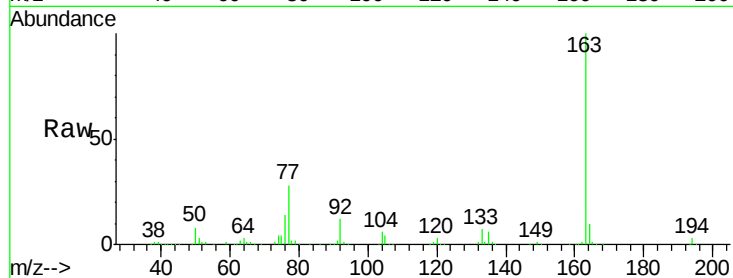
Tot Ion:163 Resp: 604511

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

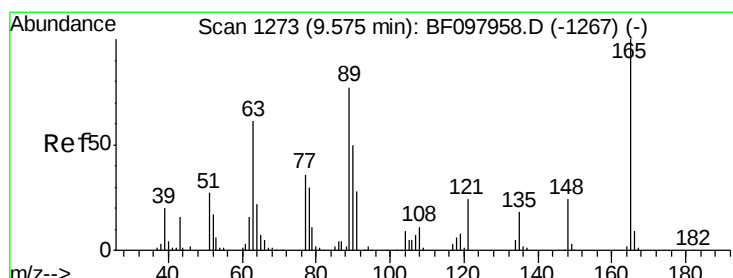
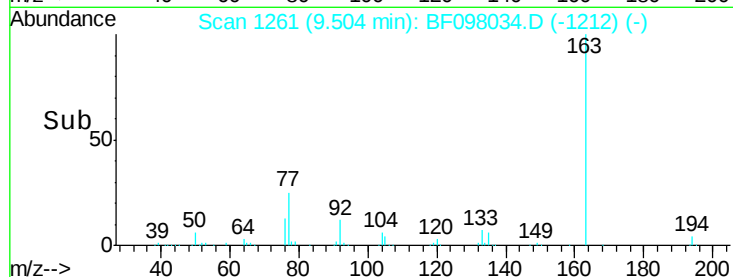
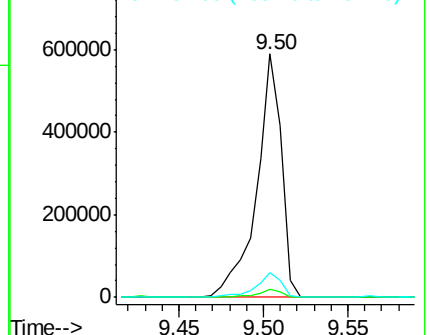
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.98 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

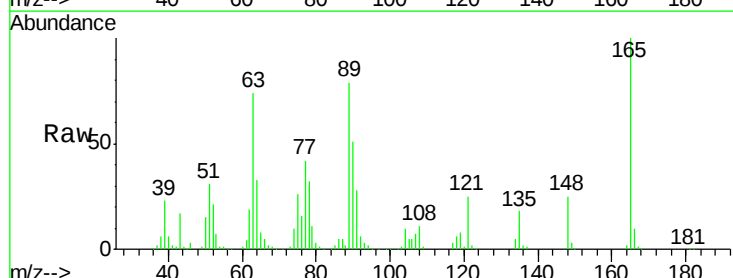
Tgt Ion:165 Resp: 130836

Ion Ratio Lower Upper

165 100

63 73.9 34.3 51.5#

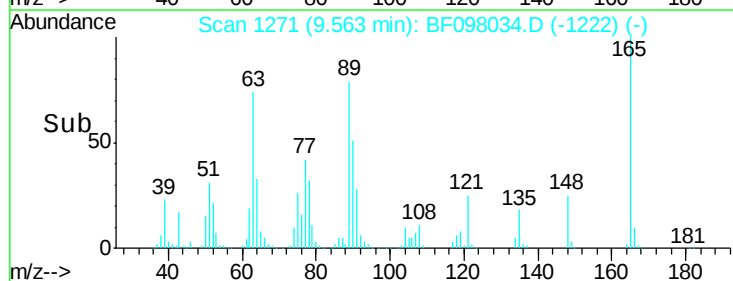
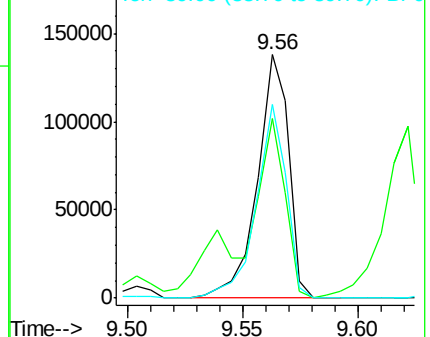
89 79.4 37.1 55.7#

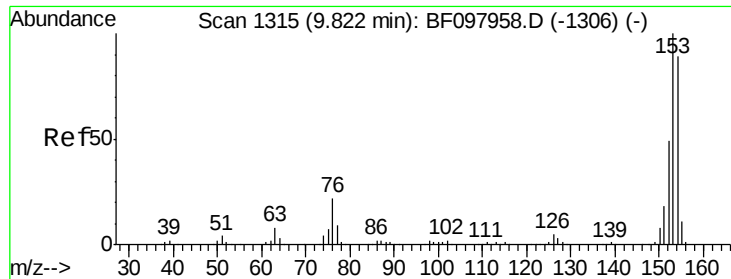


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.90 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

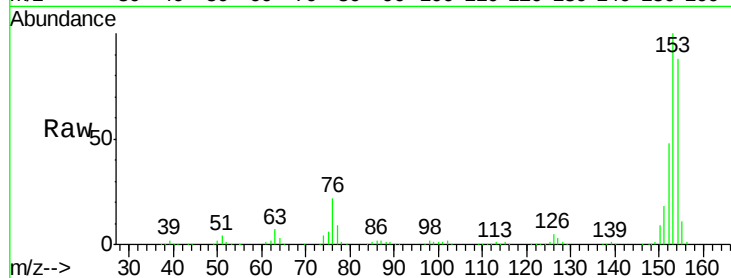
Tot Ion:154 Resp: 502101

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

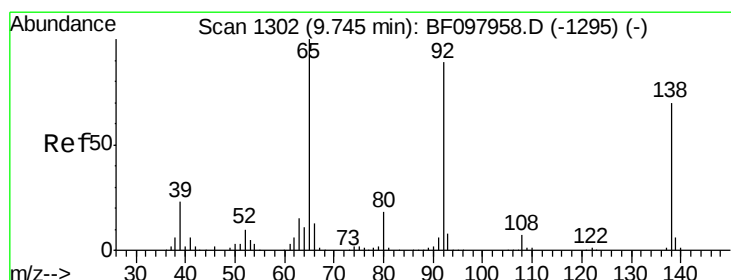
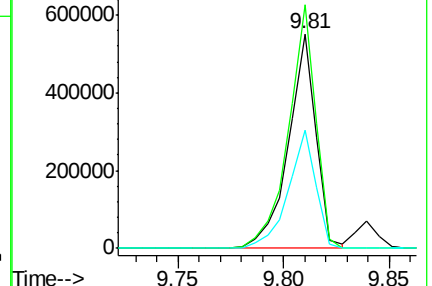
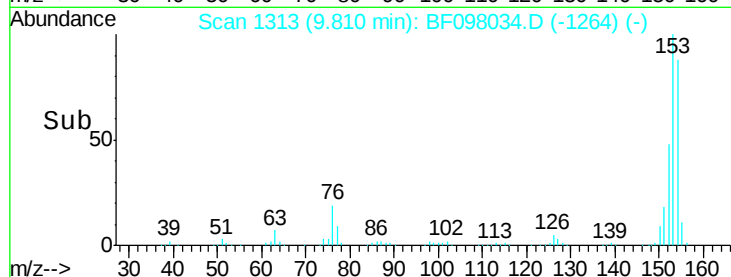
152 54.8 43.6 65.4



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: 28.70 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

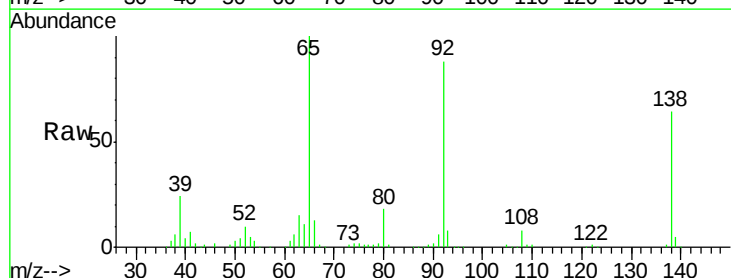
Tgt Ion:138 Resp: 110144

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

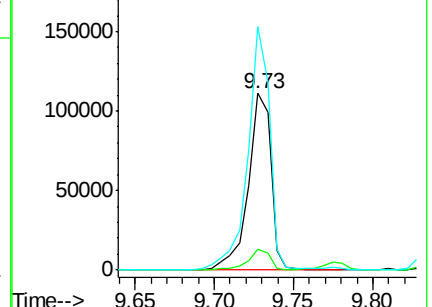
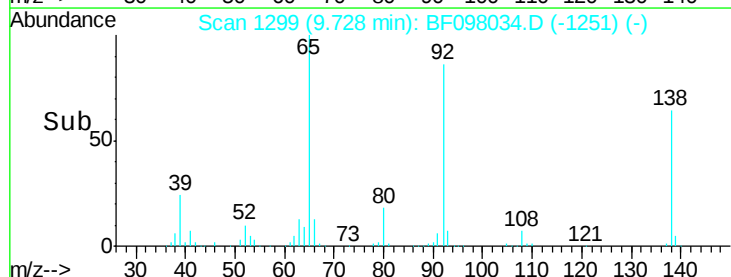
92 138.0 93.8 140.6

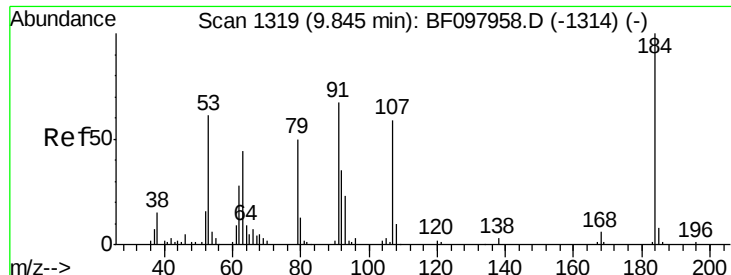


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

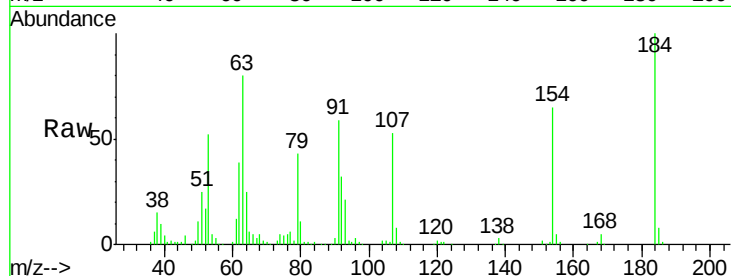




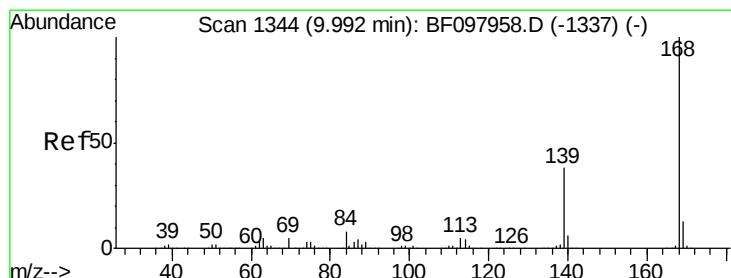
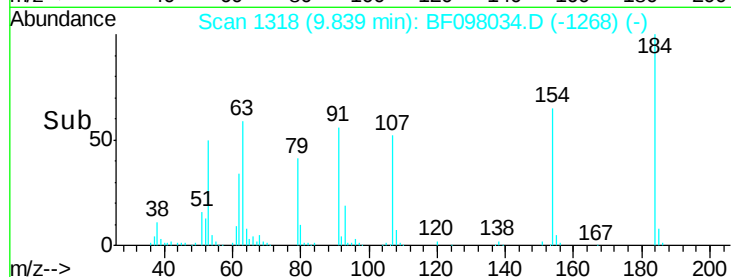
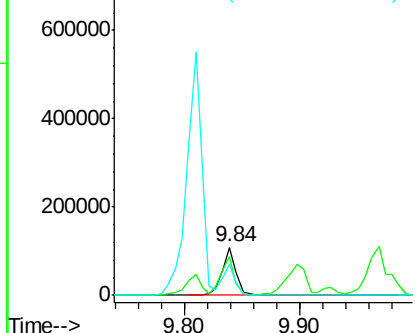
#53
2,4-Dinitrophenol
Concen: 67.32 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Instrument :
BNA_F
ClientSampleId :
PB101788BS

Tot Ion:184 Resp: 92666
Ion Ratio Lower Upper
184 100
63 80.1 62.7 94.1
154 64.6 81.1 121.7#

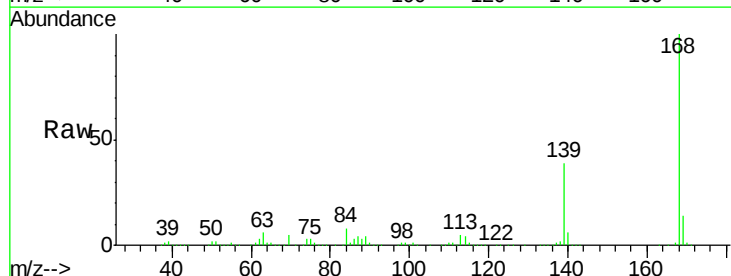


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

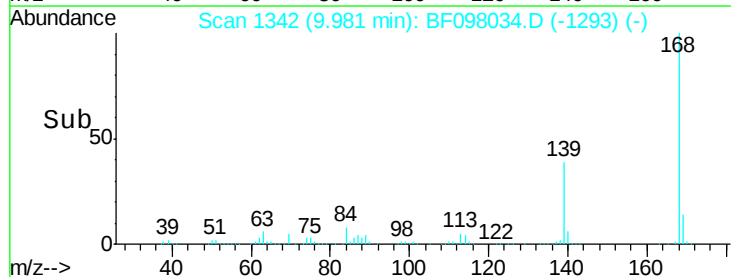
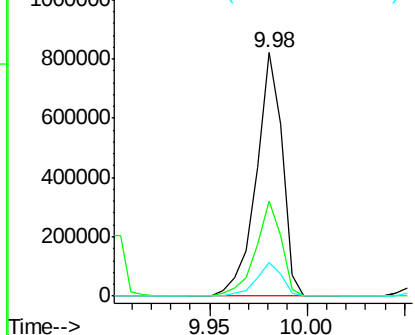


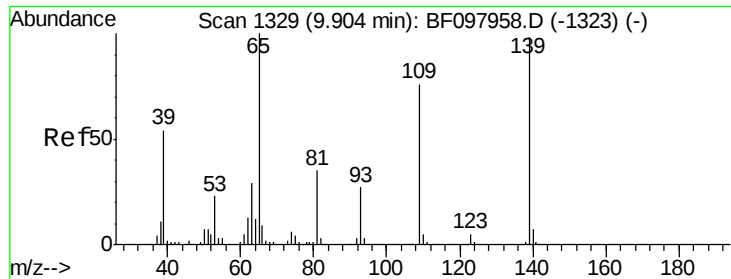
#54
Dibenzofuran
Concen: 41.42 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion:168 Resp: 755368
Ion Ratio Lower Upper
168 100
139 39.0 30.6 45.8
169 13.6 10.8 16.2



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

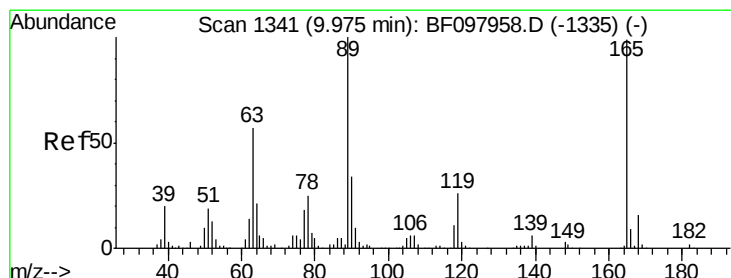
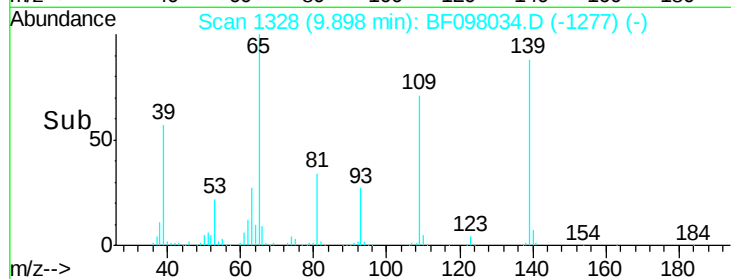
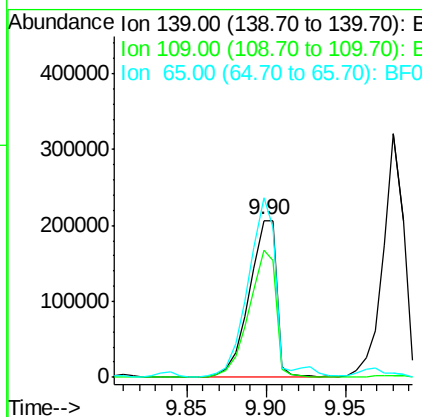
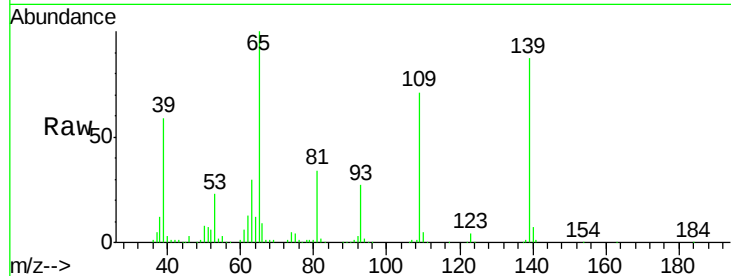




#55
4-Nitrophenol
Concen: 81.75 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

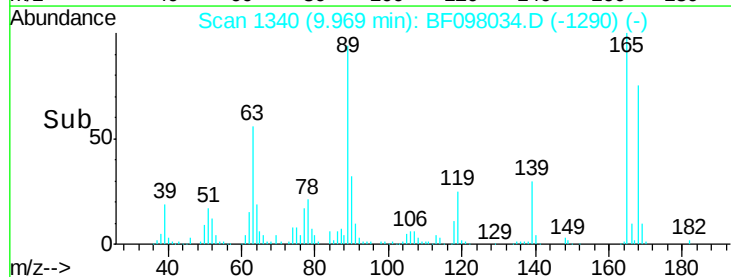
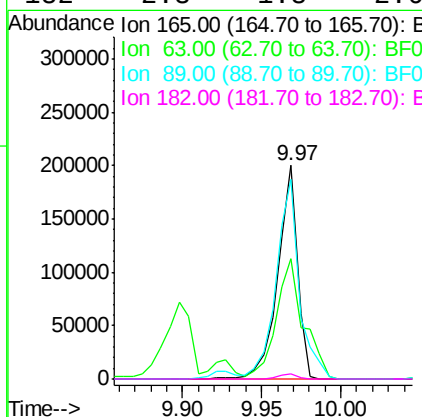
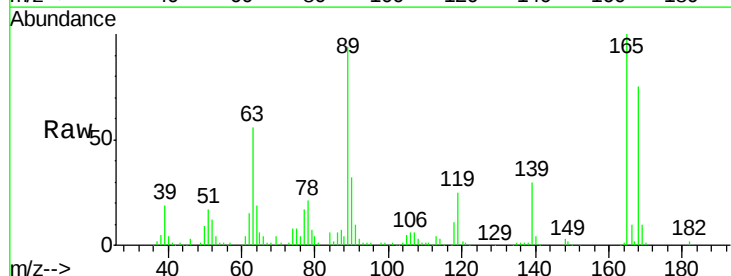
Instrument :
BNA_F
ClientSampleId :
PB101788BS

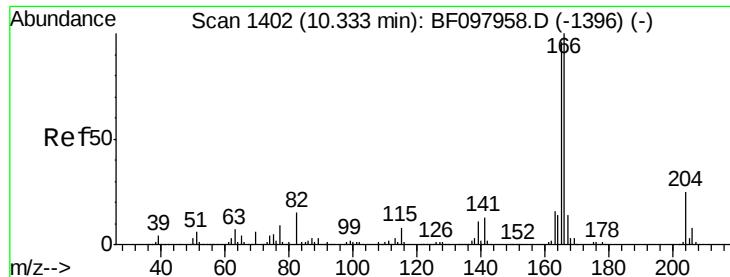
Tot Ion:139 Resp: 250290
Ion Ratio Lower Upper
139 100
109 80.8 34.1 74.1#
65 114.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.77 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion:165 Resp: 174596
Ion Ratio Lower Upper
165 100
63 56.1 25.4 38.0#
89 93.8 46.4 69.6#
182 2.3 1.8 2.6

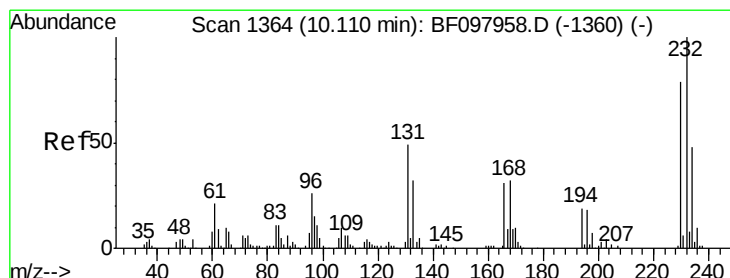
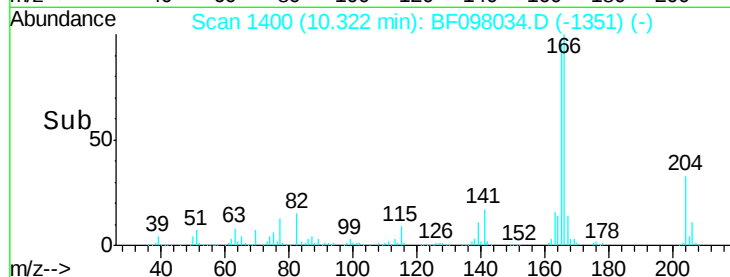
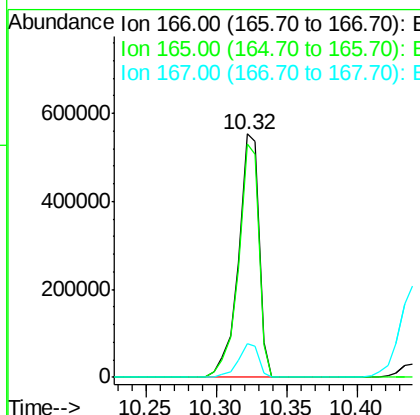
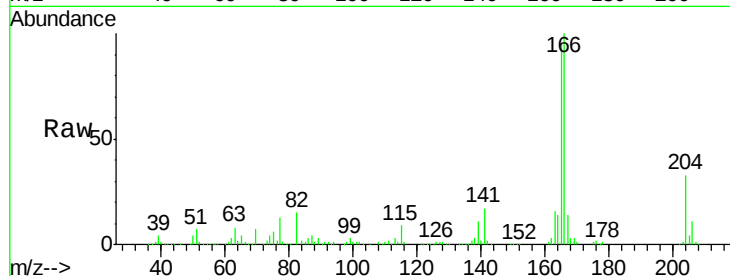




#57
 Fluorene
 Concen: 39.68 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

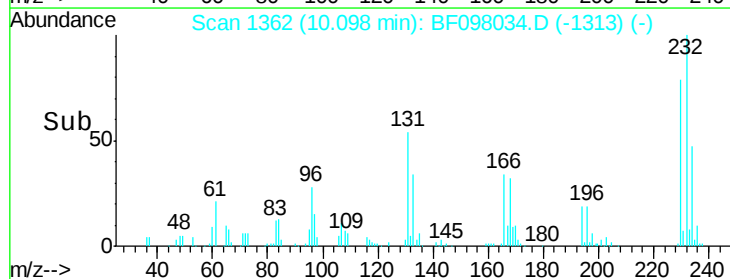
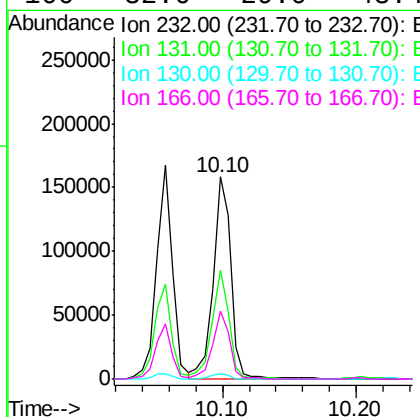
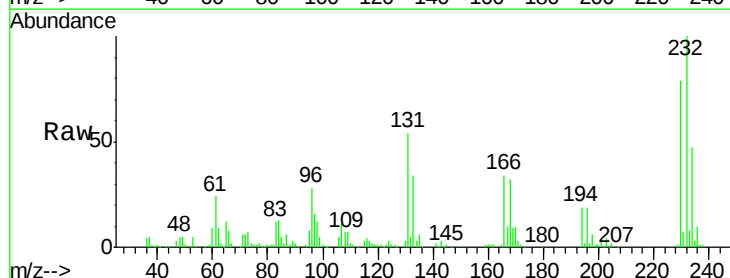
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

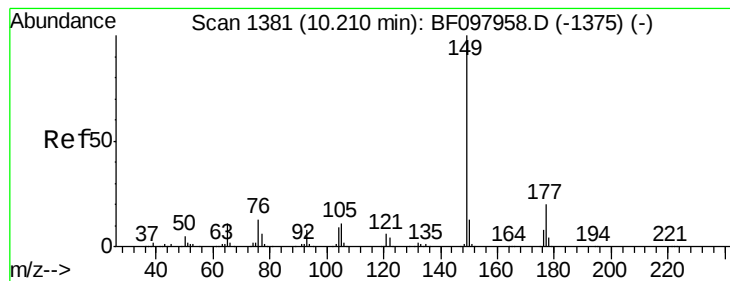
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.8	118.2
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.67 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.5	44.8	67.2
130	2.6	2.3	3.5
166	32.6	29.0	43.4





#59

Diethylphthalate

Concen: 39.92 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

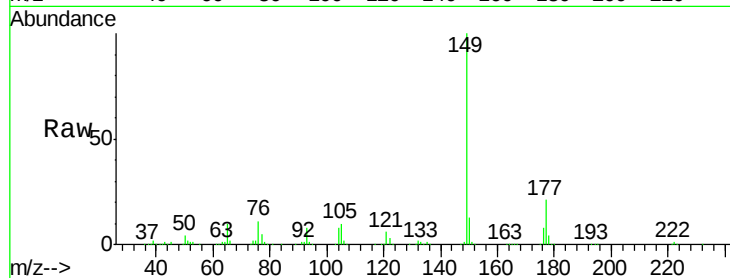
BNA_F

ClientSampleId :

PB101788BS

Tot Ion:149 Resp: 622100

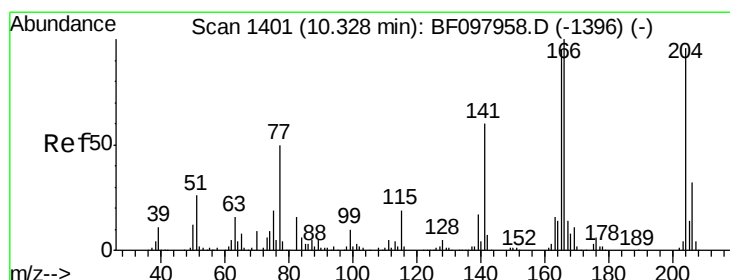
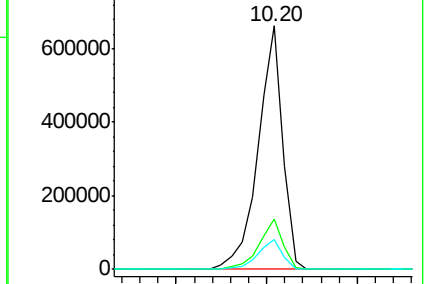
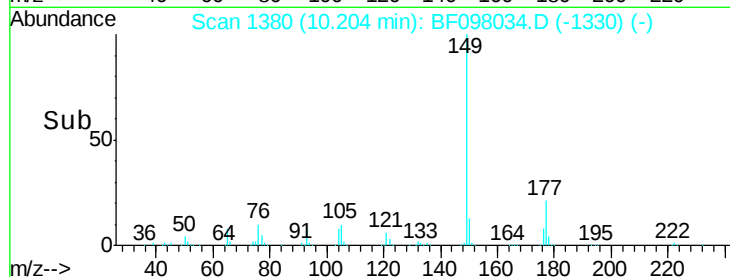
Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.5	10.2	15.2



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: 39.29 ng

RT: 10.32 min Scan# 1399

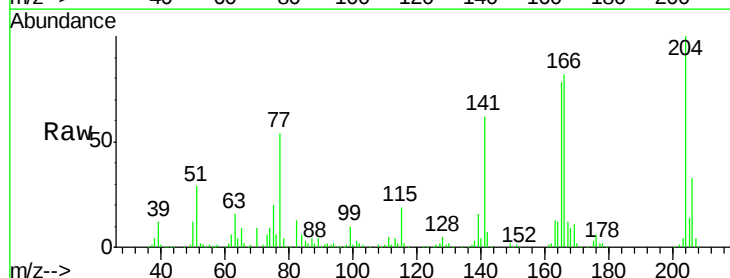
Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Tgt Ion:204 Resp: 257334

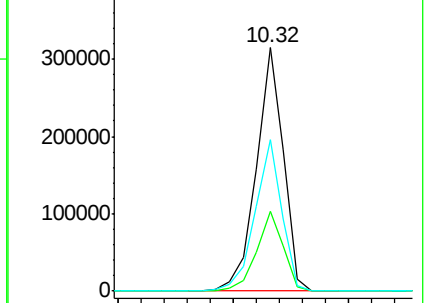
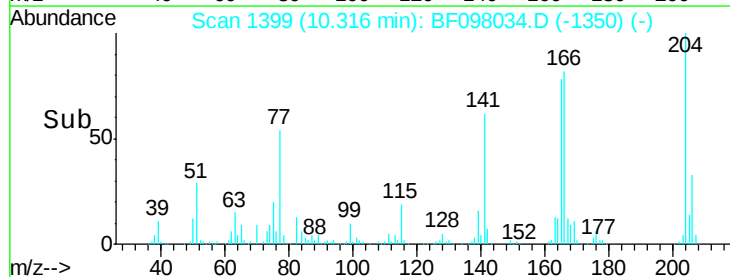
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	62.0	60.8	91.2

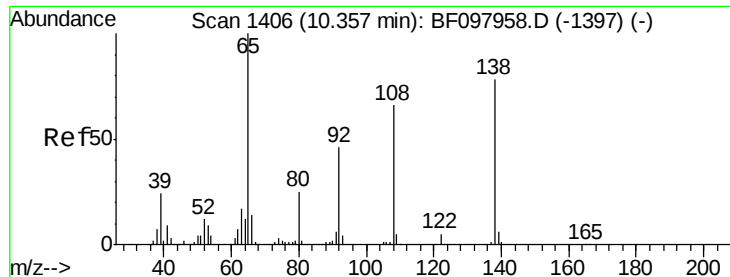


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

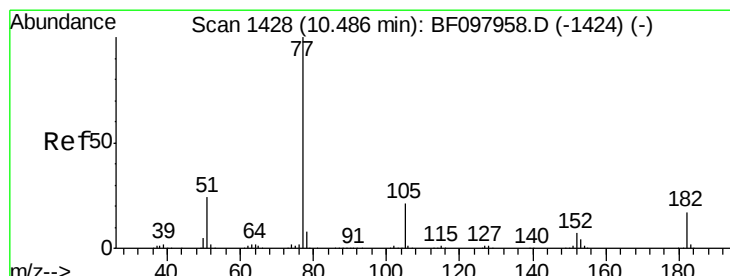
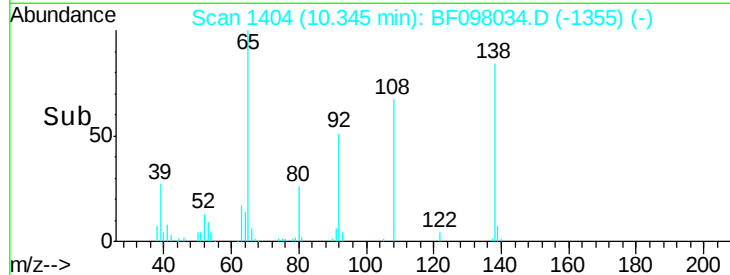
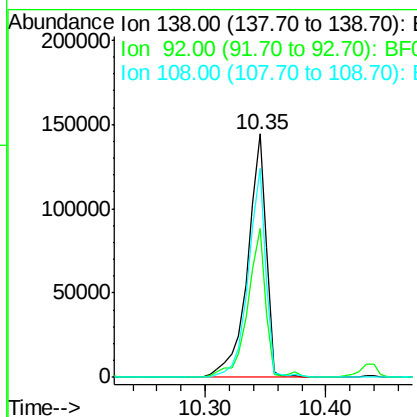
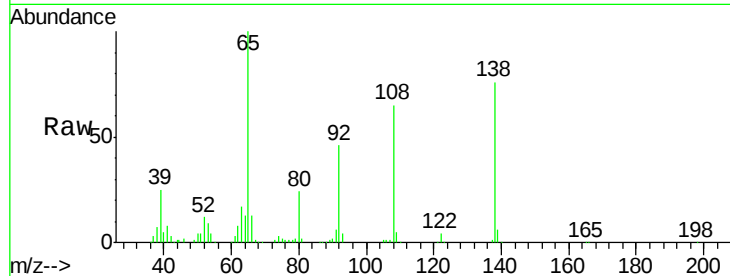




#61
 4-Nitroaniline
 Concen: 42.69 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

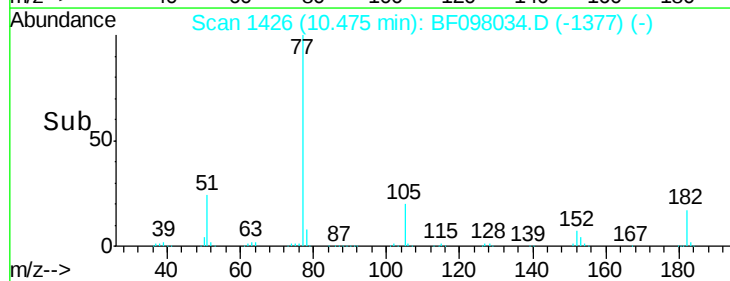
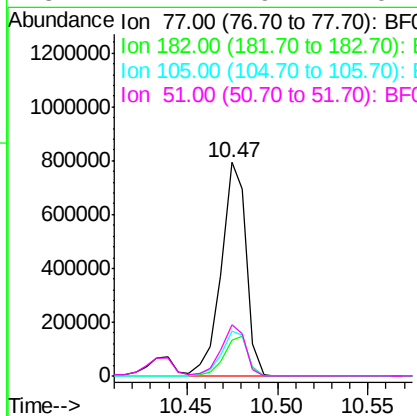
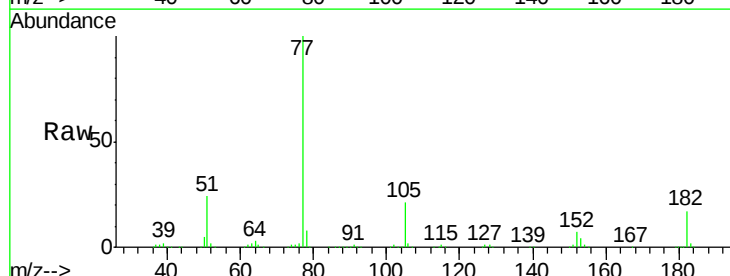
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

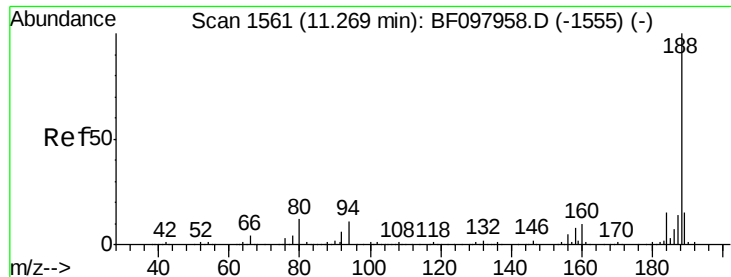
Tot Ion:138 Resp: 155738
 Ion Ratio Lower Upper
 138 100
 92 61.1 21.8 61.8
 108 85.9 42.3 82.3#



#62
 Azobenzene
 Concen: 40.79 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion: 77 Resp: 755225
 Ion Ratio Lower Upper
 77 100
 182 17.0 0.1 40.1
 105 21.1 3.6 43.6
 51 24.1 9.4 49.4

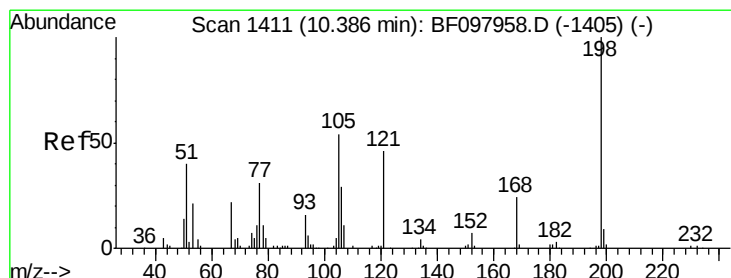
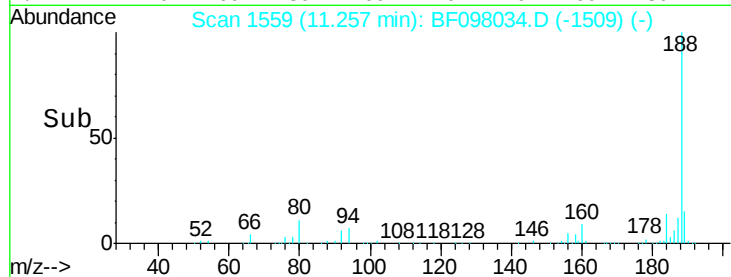
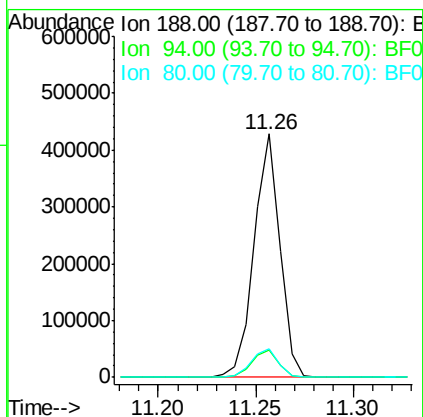
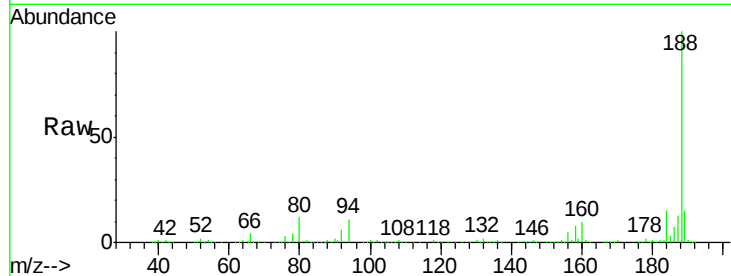




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

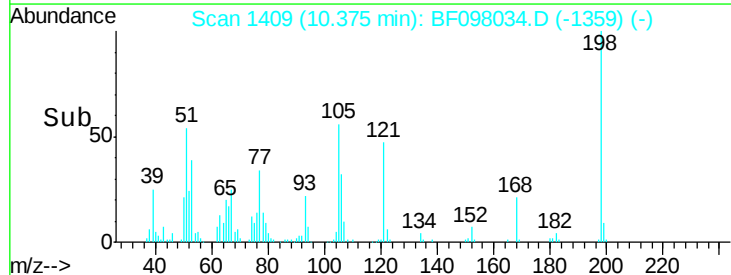
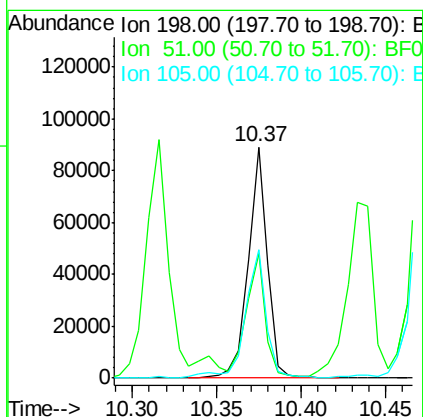
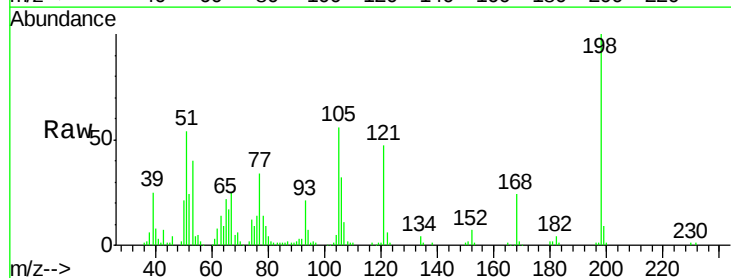
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

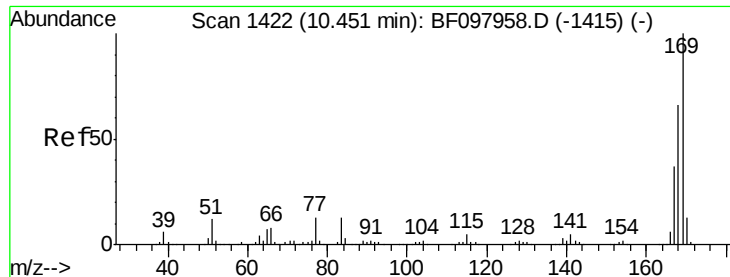
Tot Ion:188	Resp:	393405
Ion	Ratio	Lower Upper
188	100	
94	11.2	9.4 14.2
80	11.7	10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.97 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:198	Resp:	70977
Ion	Ratio	Lower Upper
198	100	
51	53.9	53.2 93.2
105	55.7	45.8 85.8

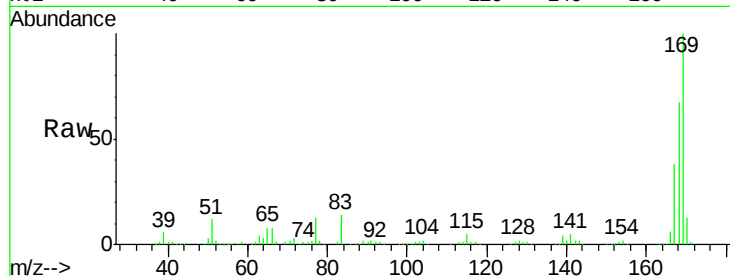




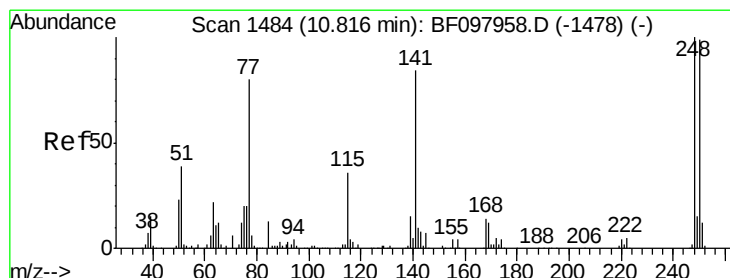
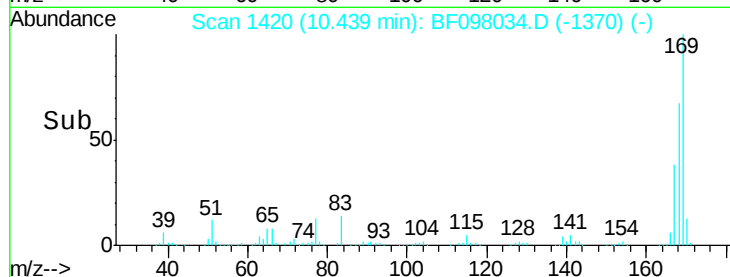
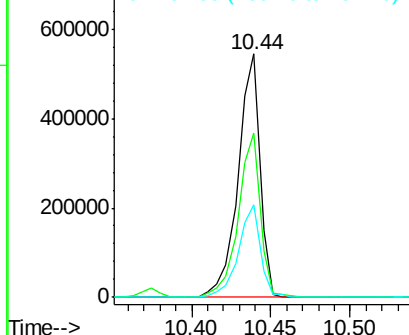
#65
 n-Nitrosodiphenylamine
 Concen: 38.85 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion:169 Resp: 520467
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 37.9 29.5 44.3

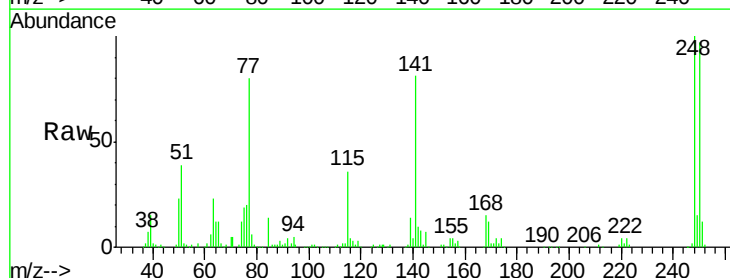


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

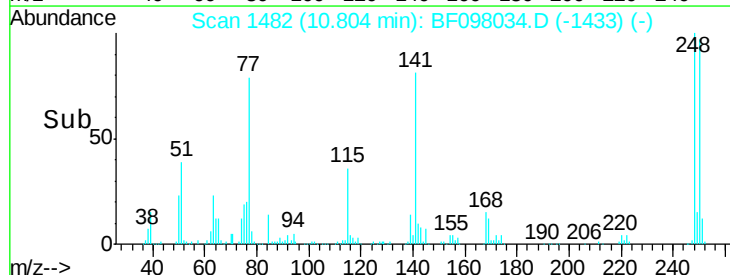
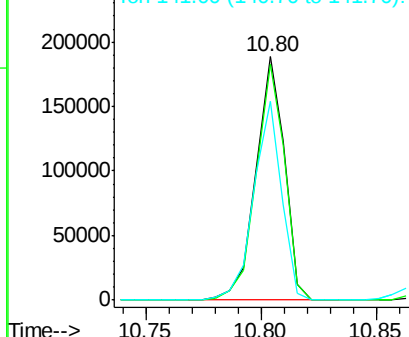


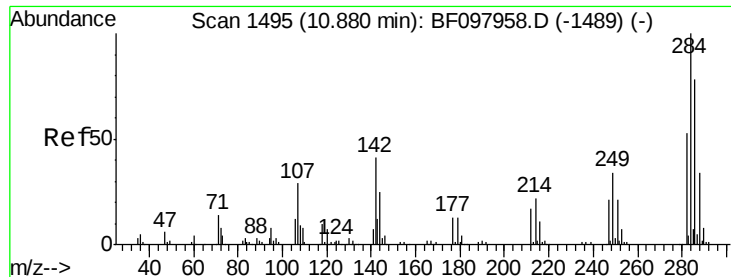
#66
 4-Bromophenyl-phenylether
 Concen: 39.87 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:248 Resp: 162898
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.8 115.2
 141 81.4 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: 37.72 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

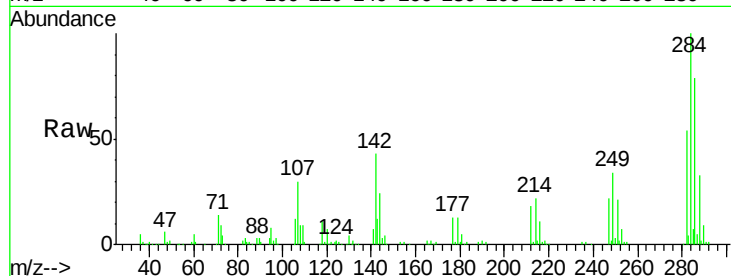
Tot Ion:284 Resp: 157078

Ion Ratio Lower Upper

284 100

142 42.6 22.8 34.2#

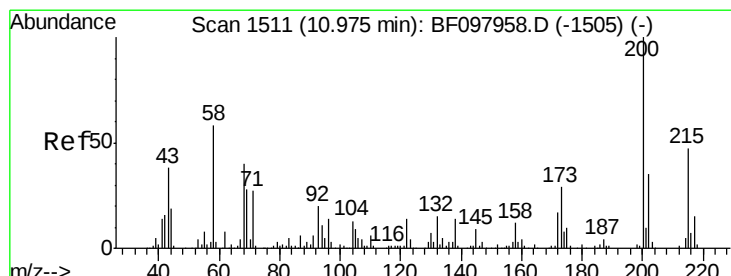
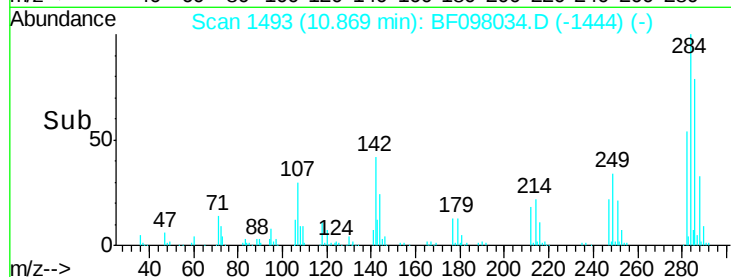
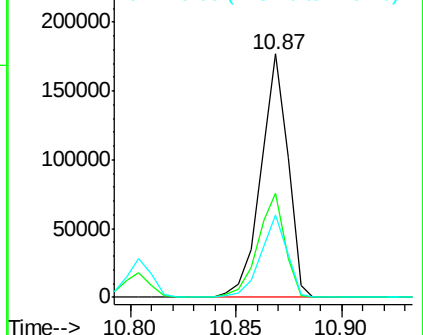
249 33.8 24.0 36.0



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: 42.94 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

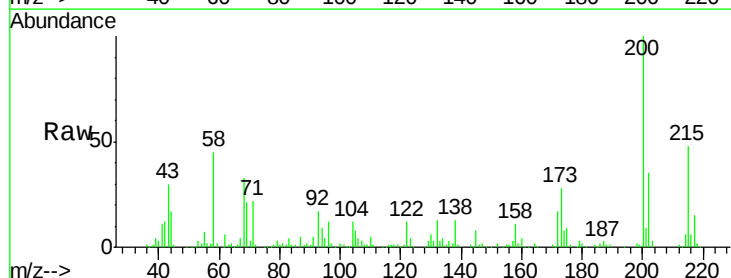
Tgt Ion:200 Resp: 152546

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

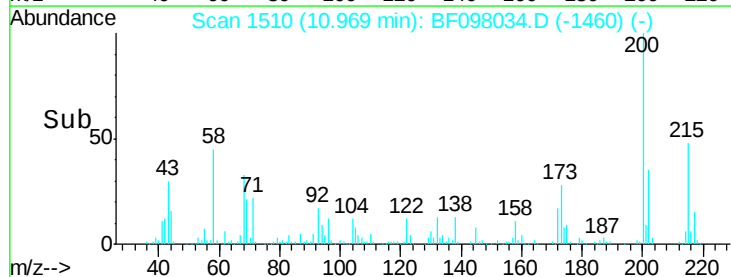
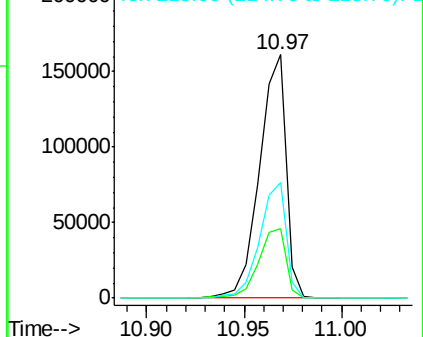
215 47.6 27.2 67.2

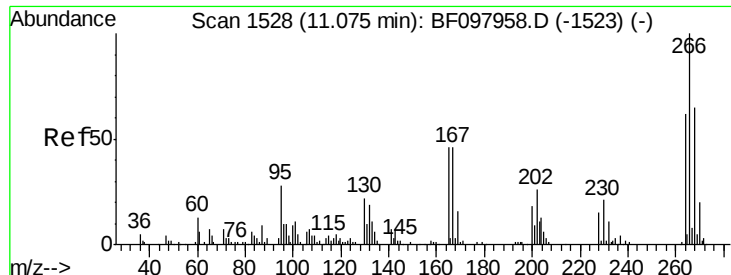


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

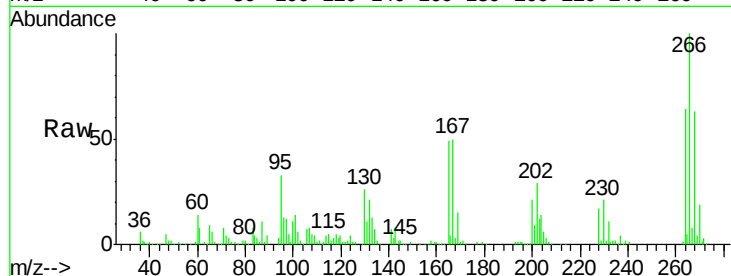




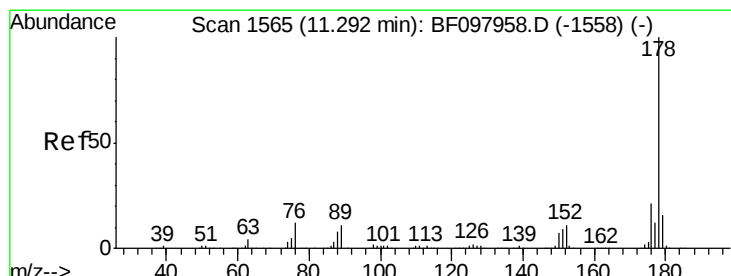
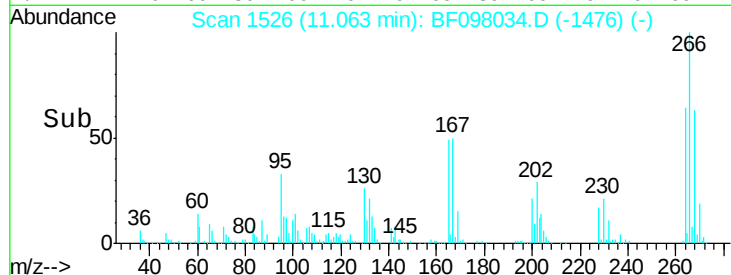
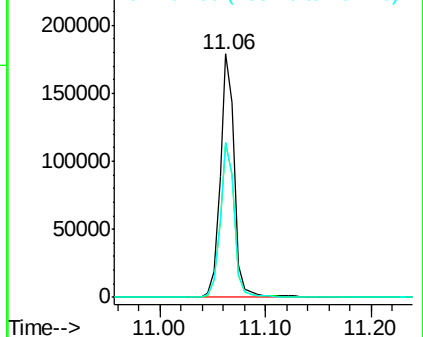
#69
 Pentachlorophenol
 Concen: 69.98 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.6	51.7	77.5

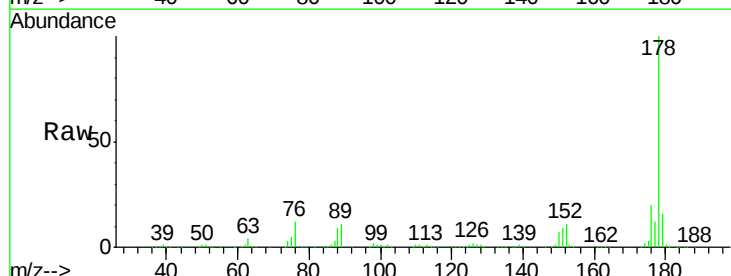


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

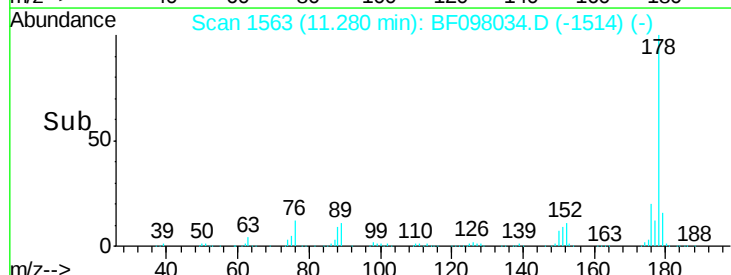
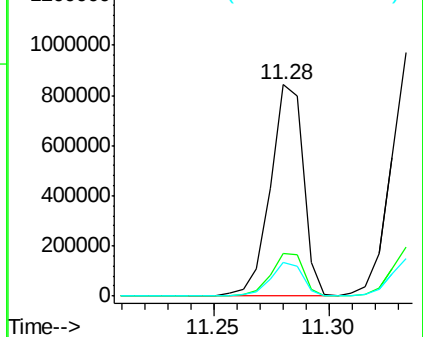


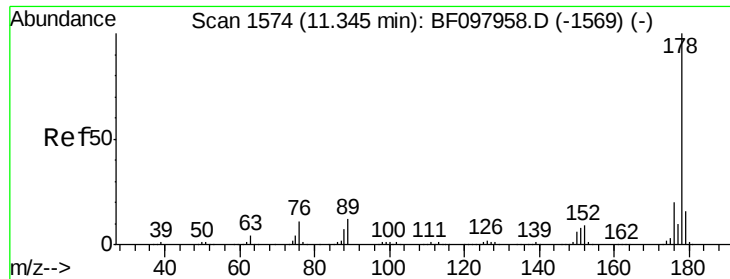
#70
 Phenanthrene
 Concen: 39.69 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.0	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

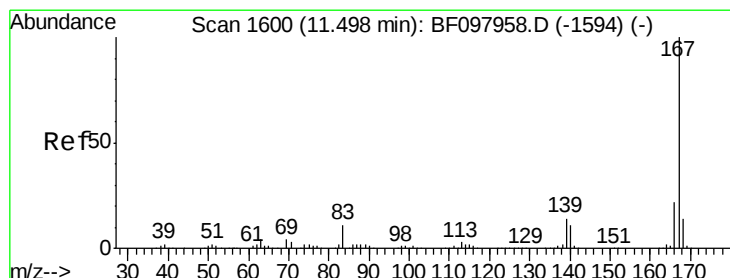
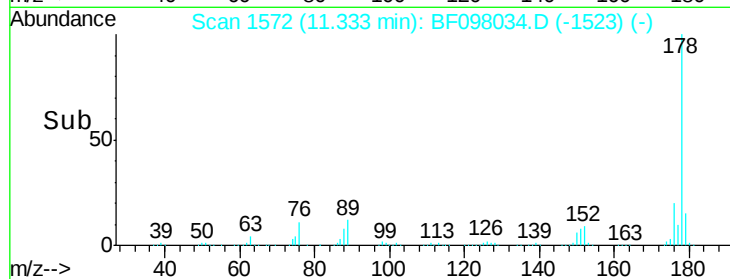
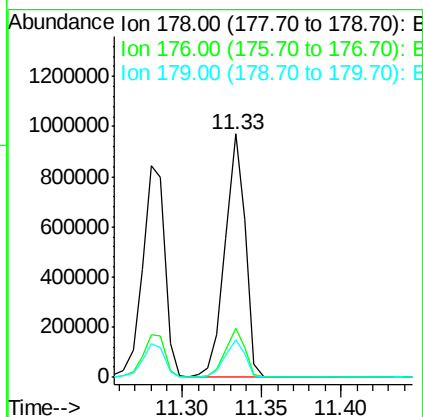
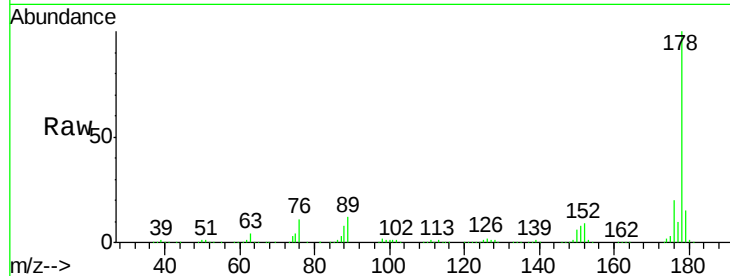




#71
 Anthracene
 Concen: 40.35 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

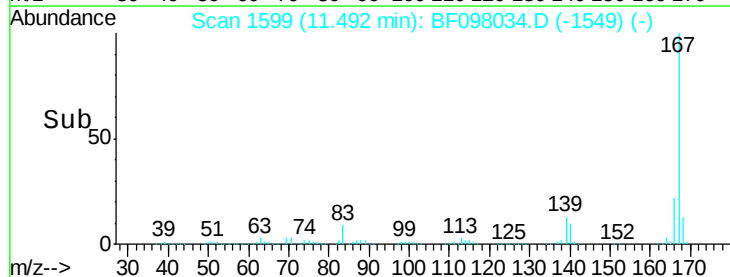
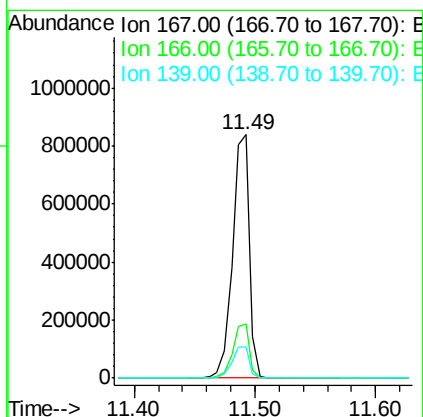
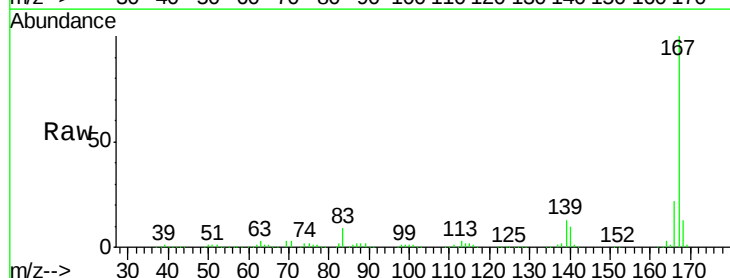
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

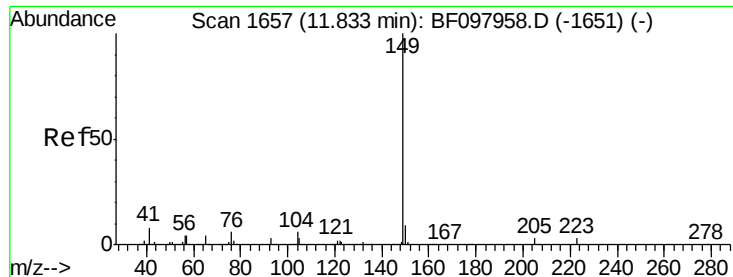
Tot Ion:178 Resp: 857853
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 40.35 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:167 Resp: 814354
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.28 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

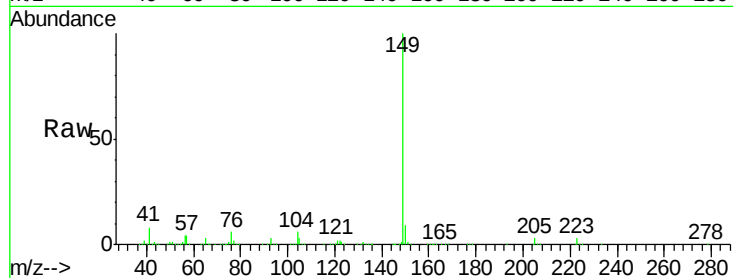
Tot Ion:149 Resp: 936468

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

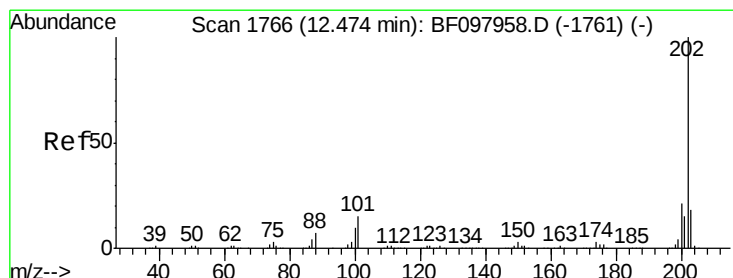
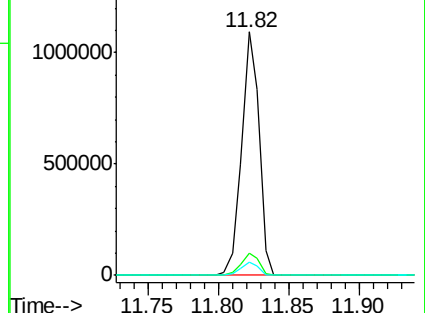
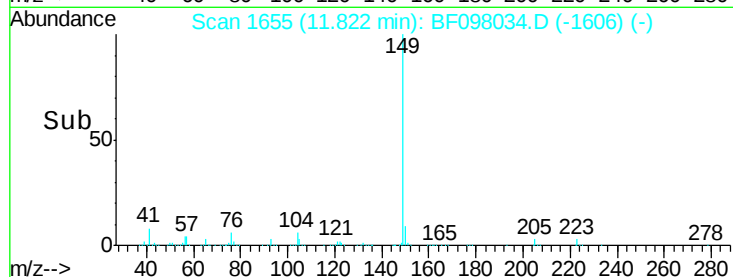
104 5.6 4.0 6.0



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: 40.55 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

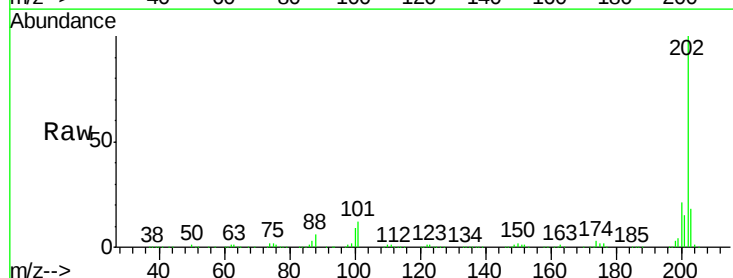
Tgt Ion:202 Resp: 887181

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

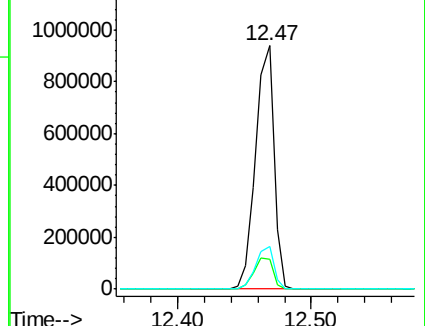
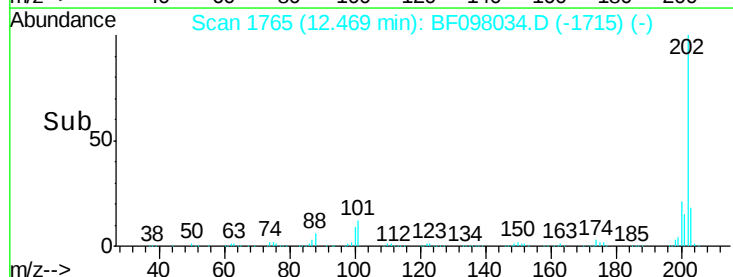
203 17.7 0.0 38.1

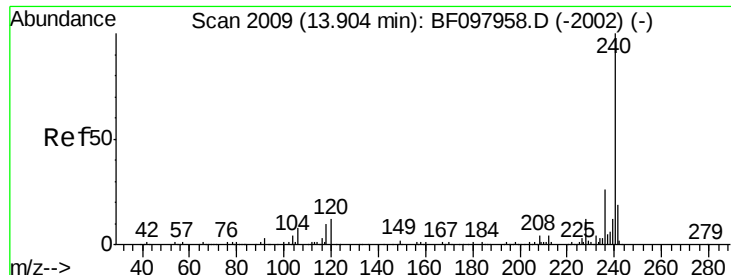


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

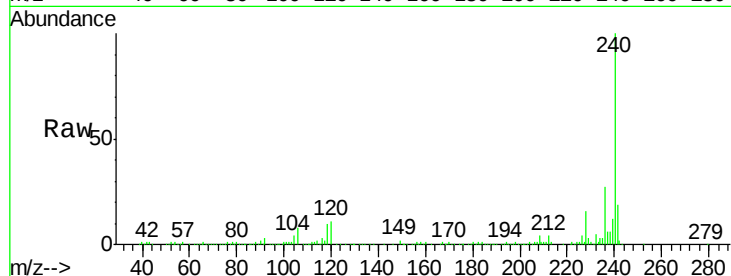
Tot Ion:240 Resp: 275052

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

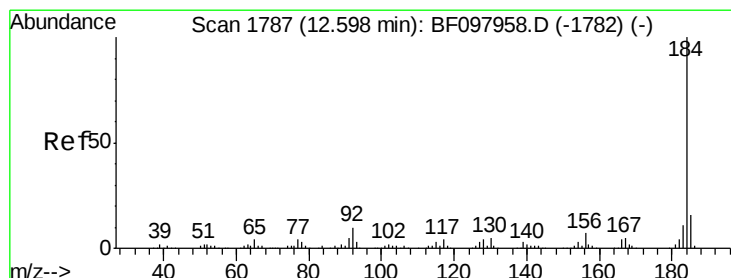
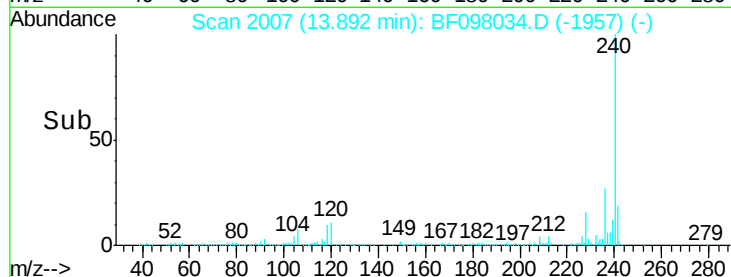
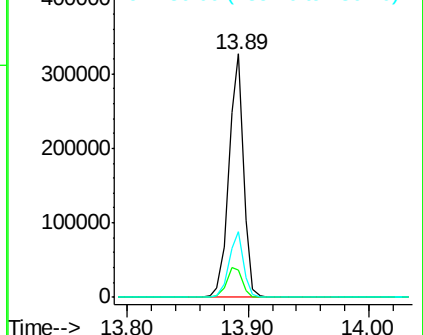
236 27.2 20.5 30.7



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: 39.05 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

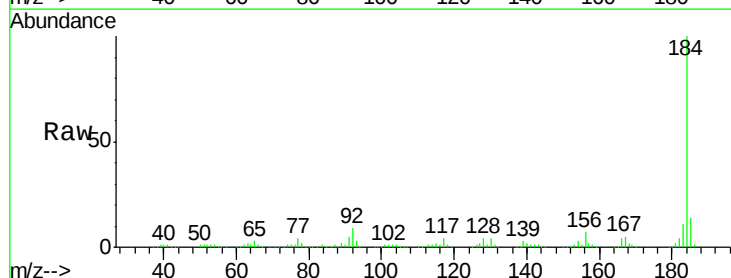
Tgt Ion:184 Resp: 352155

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

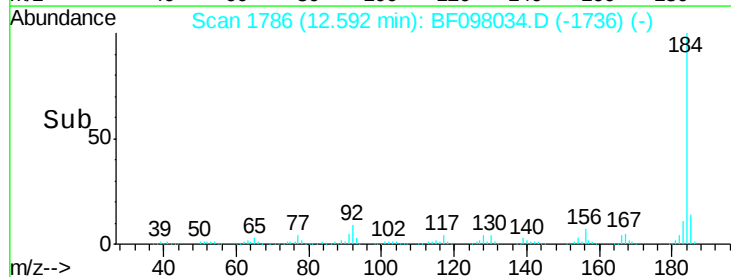
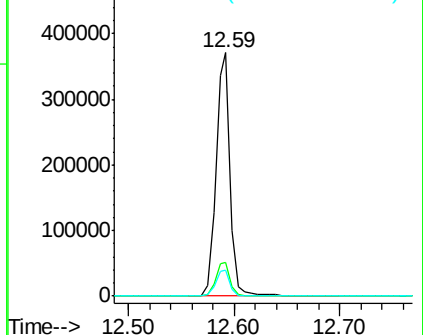
183 10.8 9.8 14.6

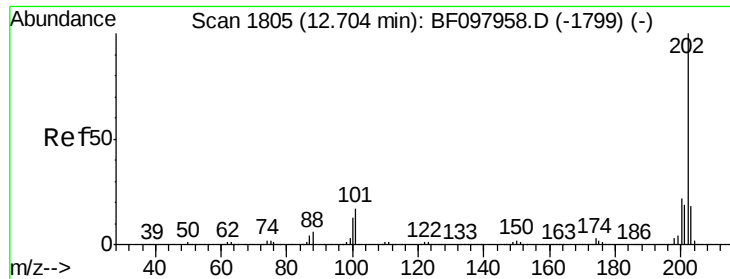


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

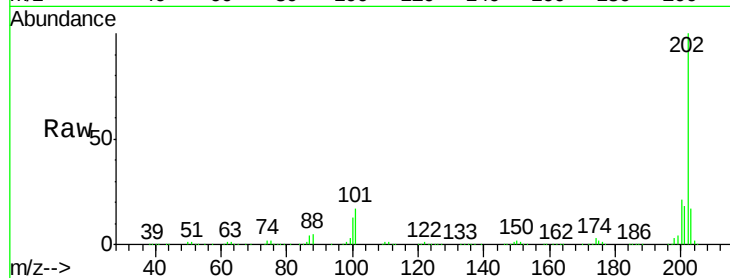




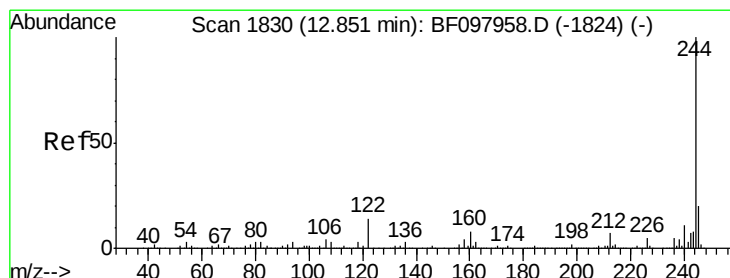
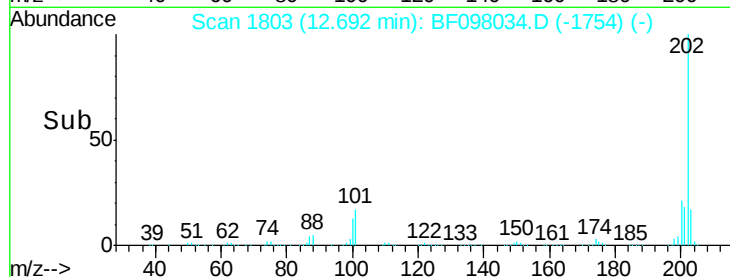
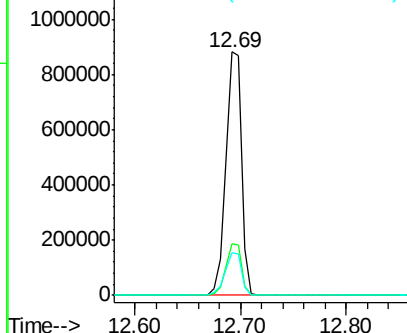
#77
Pvrene
Concen: 40.23 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Instrument :
BNA_F
ClientSampleId :
PB101788BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.4	14.4	21.6

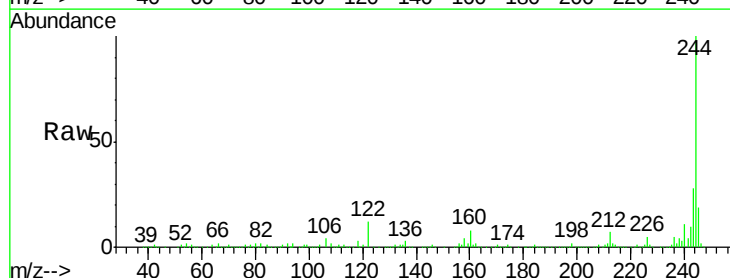


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

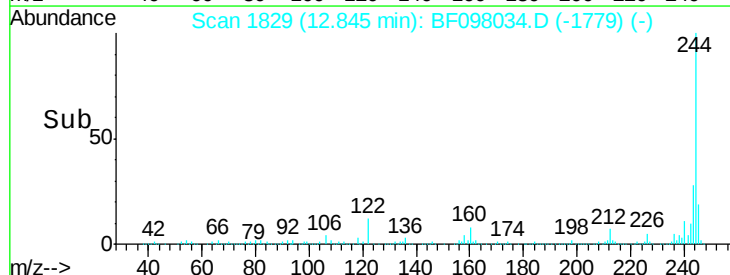
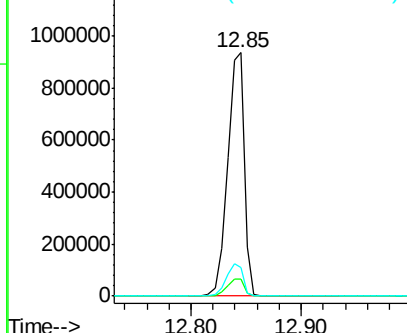


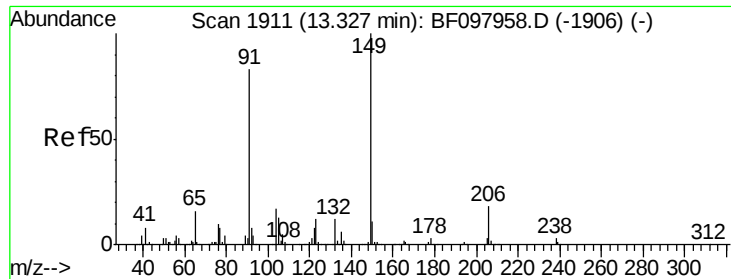
#78
Terphenyl-d14
Concen: 75.13 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.7	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

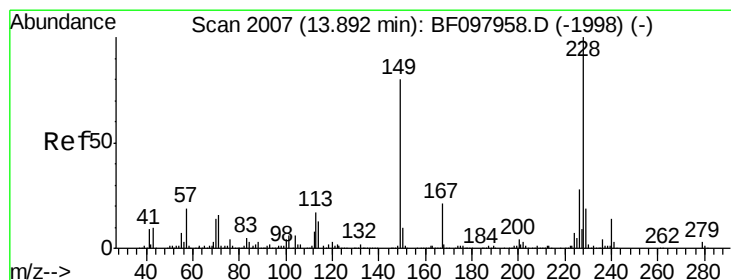
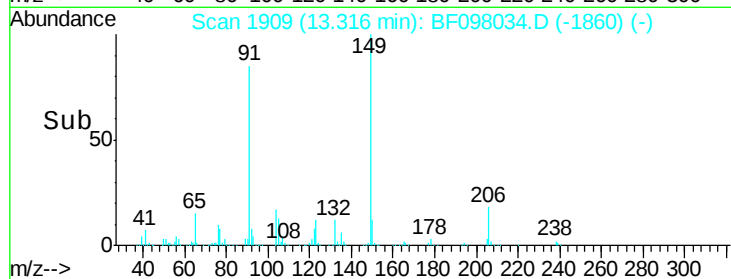
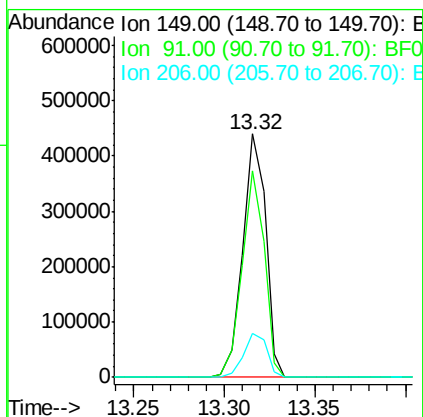
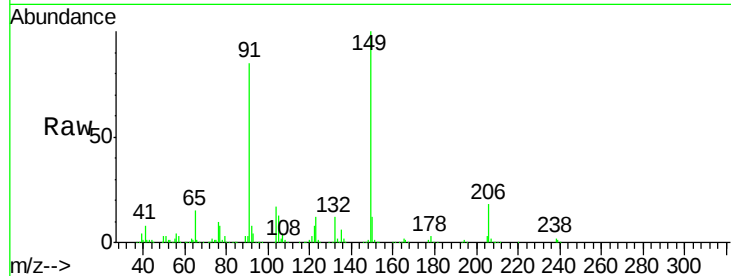




#79
Butylbenzylphthalate
Concen: 44.94 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

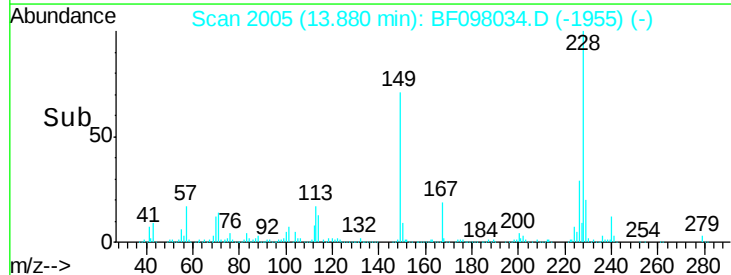
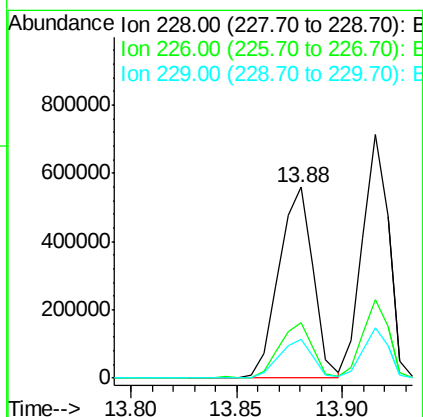
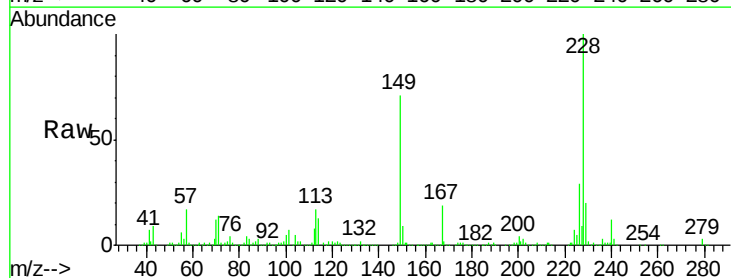
Instrument :
BNA_F
ClientSampleId :
PB101788BS

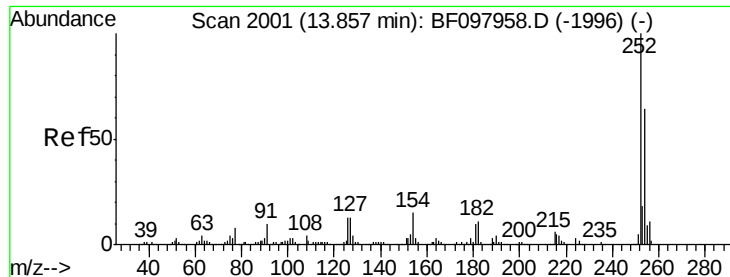
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.9	45.0	67.4
206	18.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.4	16.3	24.5

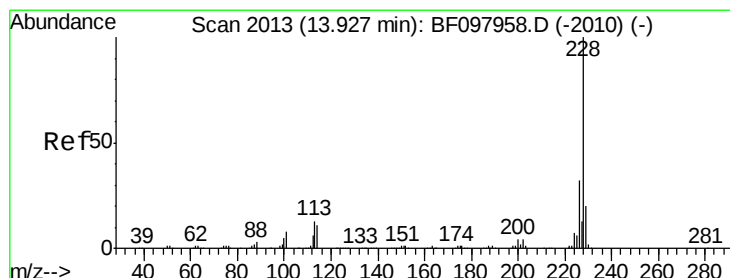
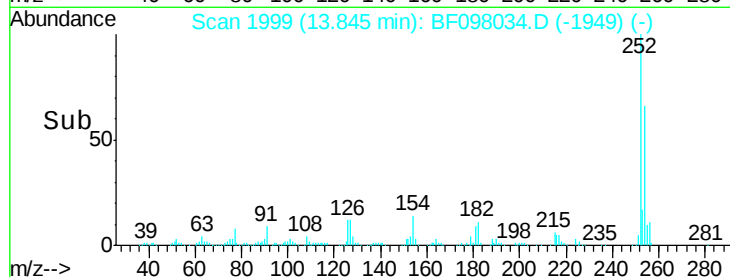
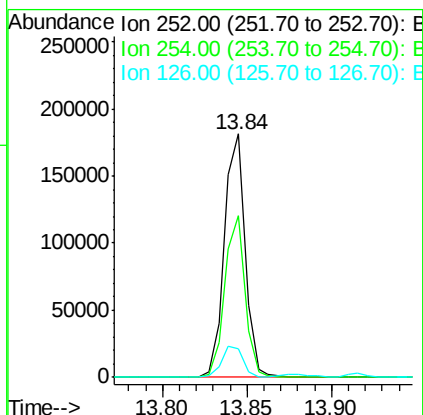
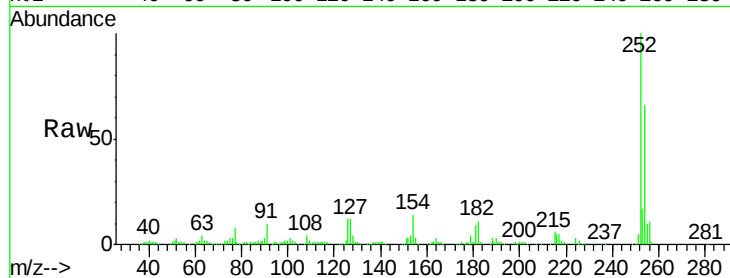




#81
 3,3'-Dichlorobenzidine
 Concen: 27.94 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

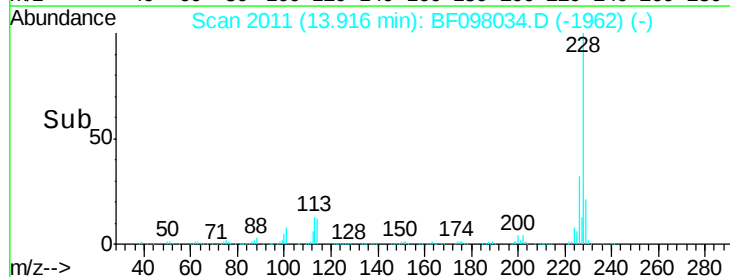
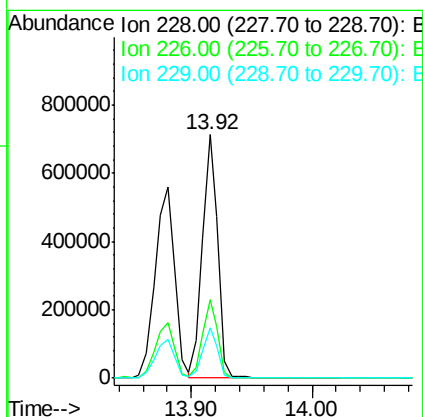
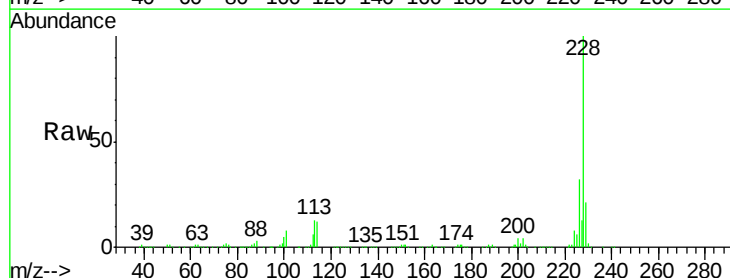
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

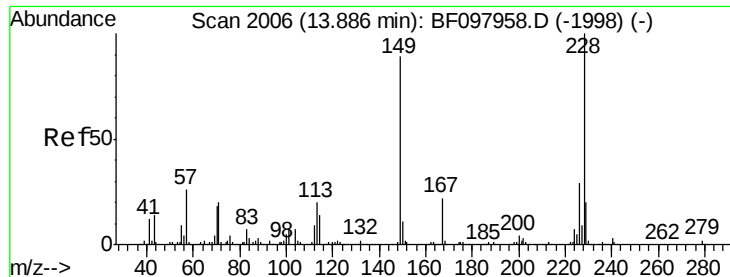
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.5	77.3
126	11.7	15.8	23.8#



#82
 Chrysene
 Concen: 38.23 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.42 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

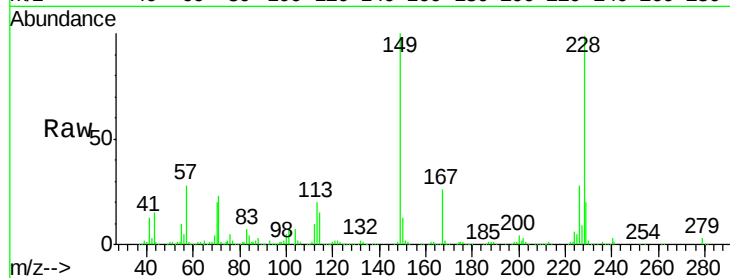
Tot Ion:149 Resp: 434062

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

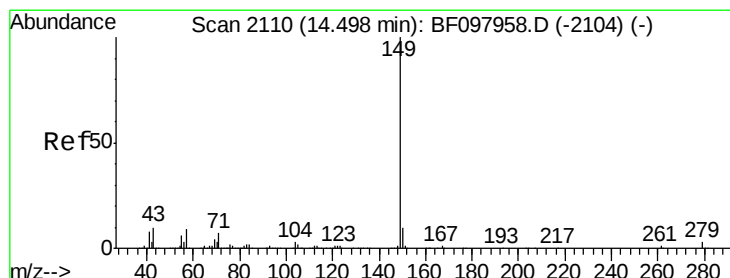
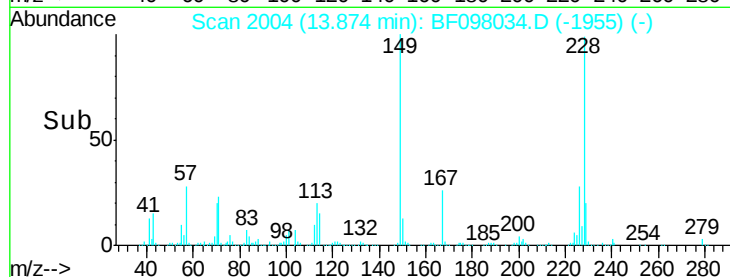
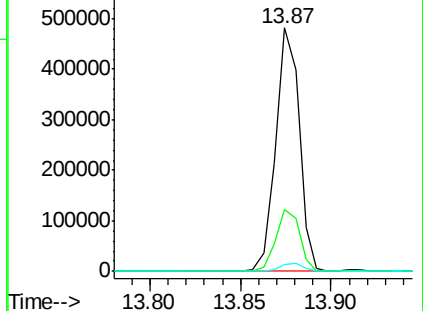
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.02 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

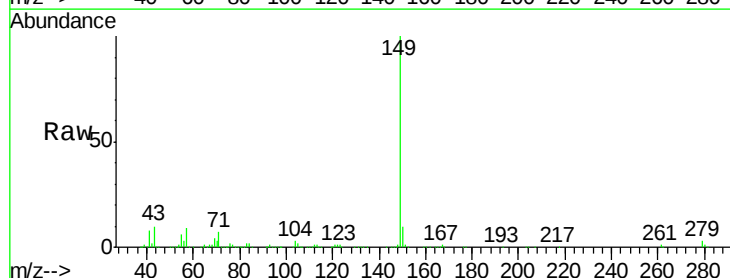
Tgt Ion:149 Resp: 748636

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

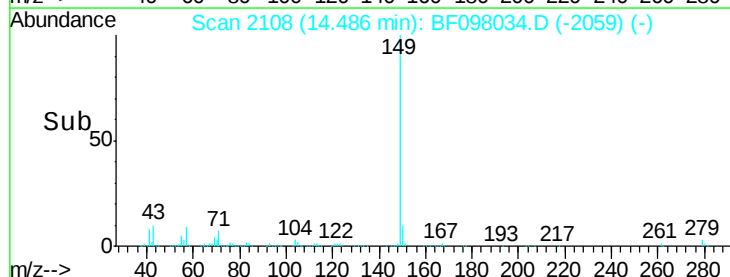
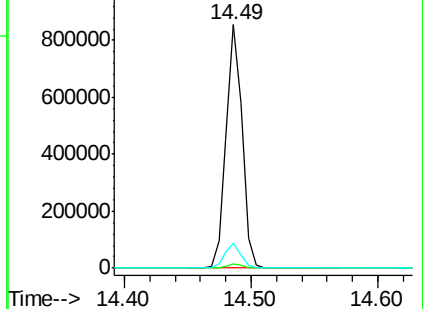
43 9.8 8.5 12.7

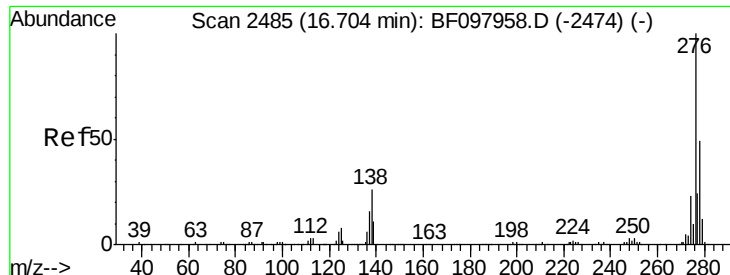


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

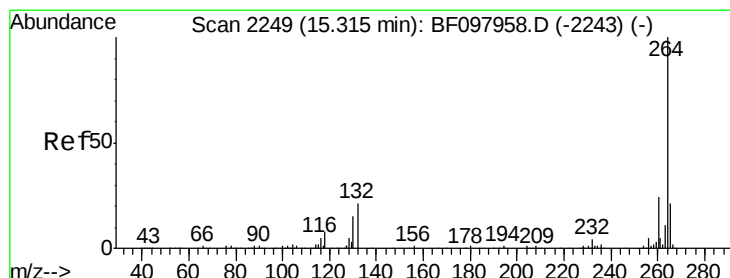
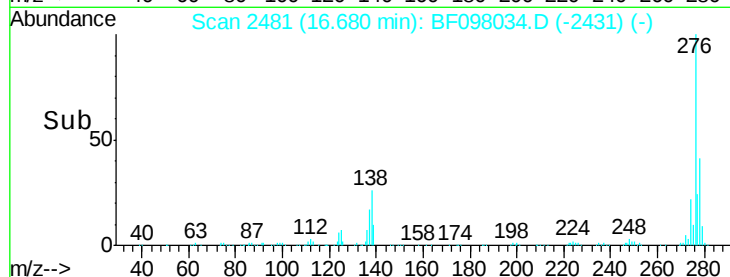
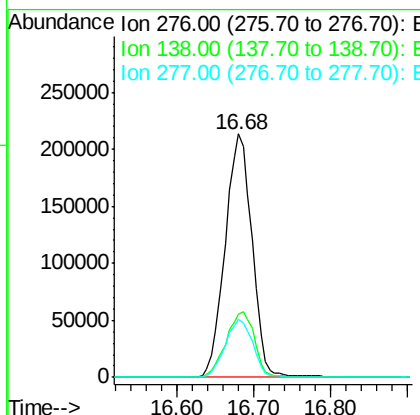
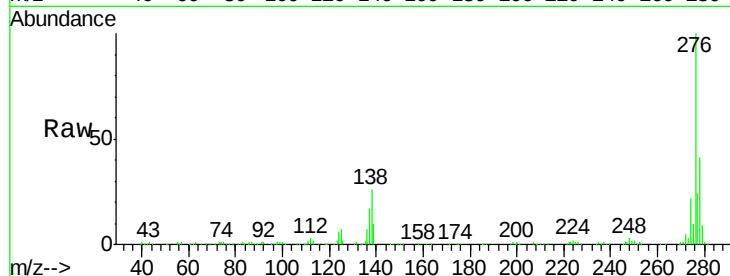




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.24 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

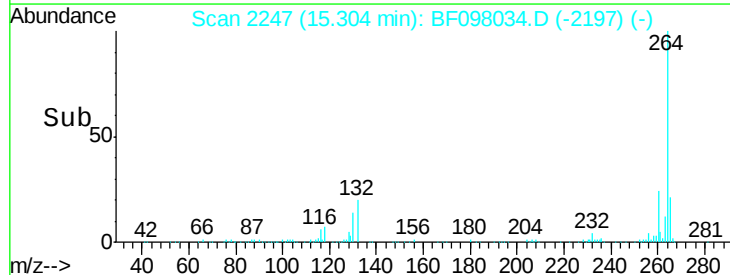
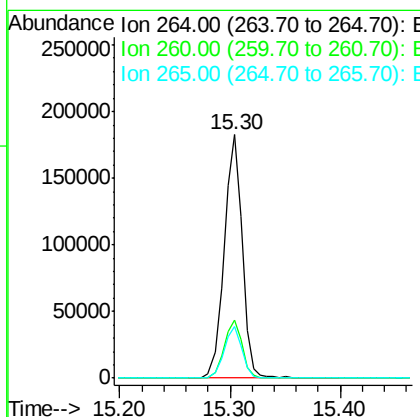
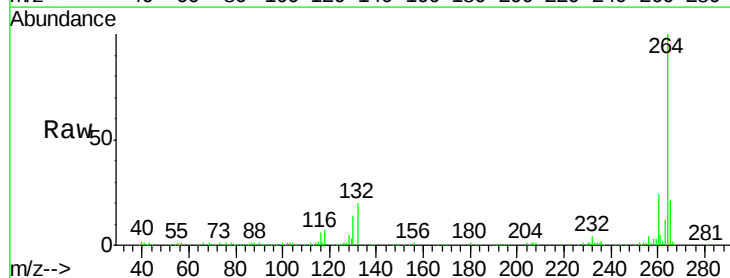
Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

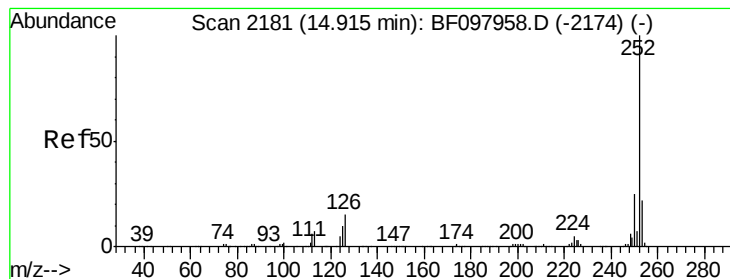
Tot Ion:276 Resp: 521624
 Ion Ratio Lower Upper
 276 100
 138 28.3 27.8 41.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Tgt Ion:264 Resp: 208214
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.86 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB101788BS

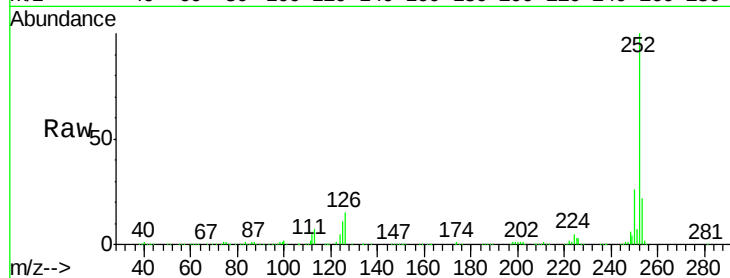
Tot Ion:252 Resp: 523128

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

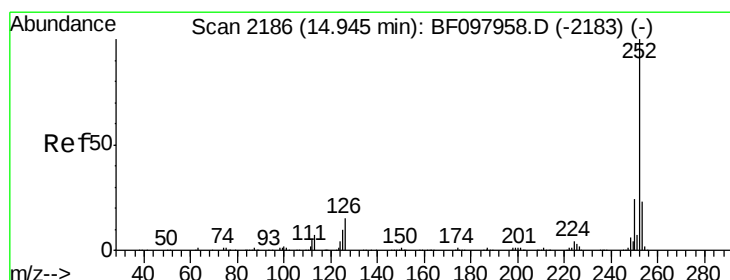
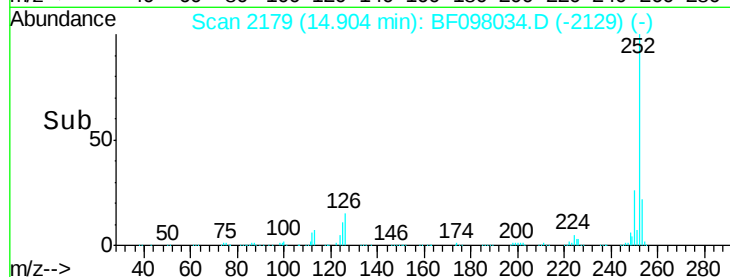
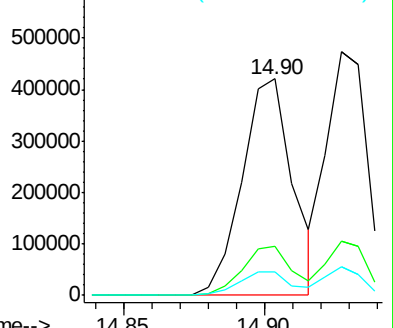
125 10.6 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 39.34 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BF098034.D

Acq: 25 Aug 2017 17:00

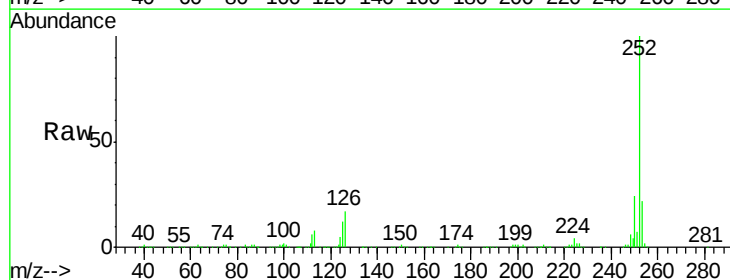
Tgt Ion:252 Resp: 485039

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

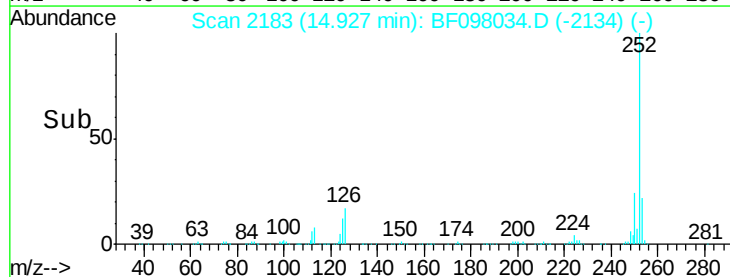
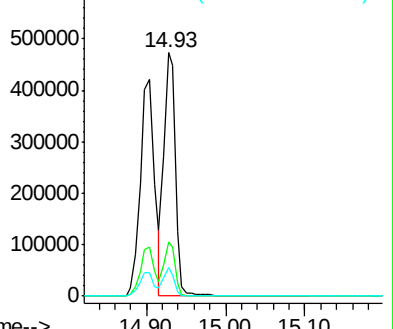
125 11.8 13.1 19.7#

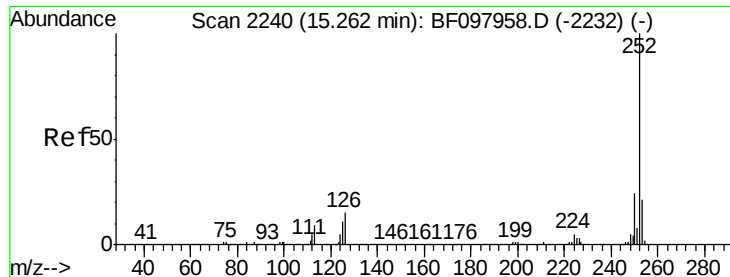


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

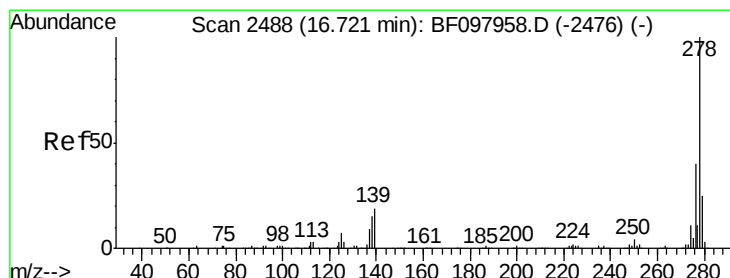
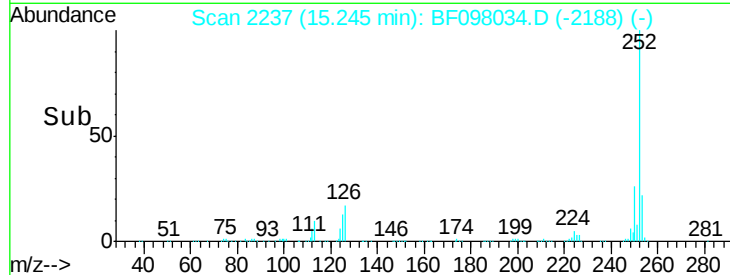
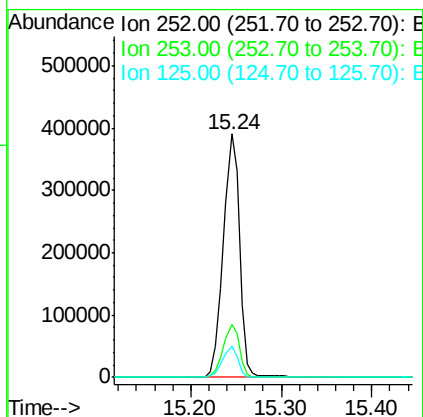
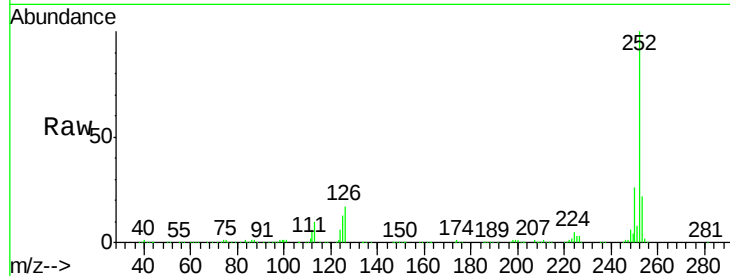




#89
Benzo(a)pyrene
Concen: 41.66 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

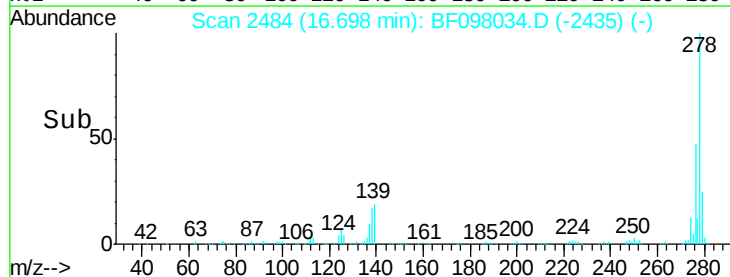
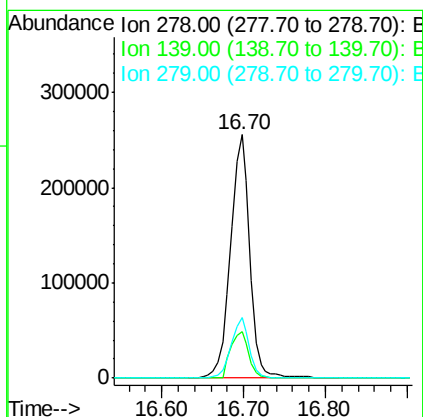
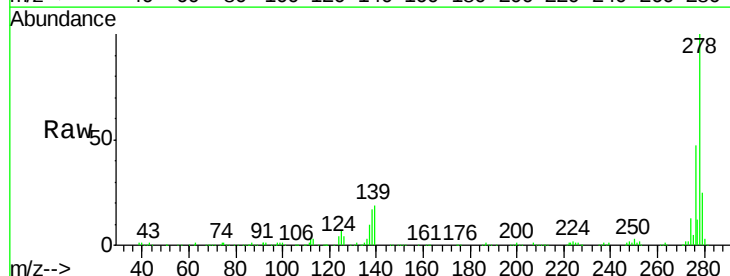
Instrument :
BNA_F
ClientSampleId :
PB101788BS

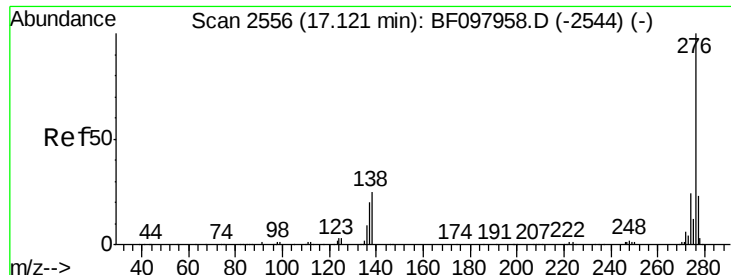
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 44.47 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098034.D
Acq: 25 Aug 2017 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.6	24.8
279	24.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.17 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF098034.D
 Acq: 25 Aug 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BS

Tot Ion:	276	Resp:	455700
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	24.7	25.4	38.0

