

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098704.D
 Acq On : 22 Sep 2017 18:56
 Operator : SJ/JU
 Sample : PB102532BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Quant Time: Sep 23 01:28:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	151073	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	641842	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	293018	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	526201	20.00	ng	0.00
75) Chrysene-d12	14.09	240	419491	20.00	ng	0.00
86) Perylene-d12	15.59	264	358004	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1216617	122.29	ng	0.02
7) Phenol-d6	6.56	99	1469072	121.94	ng	0.01
23) Nitrobenzene-d5	7.49	82	893504	94.43	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	366927	136.93	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1595444	86.64	ng	0.00
78) Terphenyl-d14	13.04	244	1502149	76.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	159163	33.87	ng	98
3) Pyridine	3.59	79	475808	38.10	ng	99
4) n-Nitrosodimethylamine	3.54	42	214676	39.23	ng	97
6) Aniline	6.60	93	413652	25.92	ng	99
8) 2-Chlorophenol	6.72	128	419222	38.79	ng	98
9) Benzaldehyde	6.48	77	122372	18.11	ng	97
10) Phenol	6.57	94	509014	38.28	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	409362	39.96	ng	99
12) 1,3-Dichlorobenzene	6.87	146	440955	38.63	ng	98
13) 1,4-Dichlorobenzene	6.95	146	450846	39.02	ng	100
14) 1,2-Dichlorobenzene	7.10	146	420546	39.03	ng	99
15) Benzyl Alcohol	7.07	79	367608	42.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	642701	39.37	ng	100
17) 2-Methylphenol	7.17	107	364578	41.40	ng	97
18) Hexachloroethane	7.44	117	160640	40.39	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	286291	38.36	ng	98
20) 3+4-Methylphenols	7.33	107	446852	39.36	ng	# 85
22) Acetophenone	7.34	105	580054	36.53	ng	# 96
24) Nitrobenzene	7.51	77	440437	40.30	ng	100
25) Isophorone	7.75	82	794880	38.52	ng	99
26) 2-Nitrophenol	7.82	139	223684	46.41	ng	99
27) 2,4-Dimethylphenol	7.86	122	395862	39.06	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	511563	39.84	ng	100
29) 2,4-Dichlorophenol	8.06	162	350253	40.18	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	348306	39.61	ng	100
31) Naphthalene	8.23	128	1194919	39.22	ng	100
32) Benzoic acid	7.98	122	279008	42.42	ng	97
33) 4-Chloroaniline	8.27	127	224516	17.73	ng	99
34) Hexachlorobutadiene	8.35	225	184924	39.04	ng	97
35) Caprolactam	8.65	113	68668	25.26	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	382698	38.46	ng	94
37) 2-Methylnaphthalene	8.92	142	824432	42.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	304726	35.16	ng	99
40) Hexachlorocyclopentadiene	9.07	237	383968	101.96	ng	99

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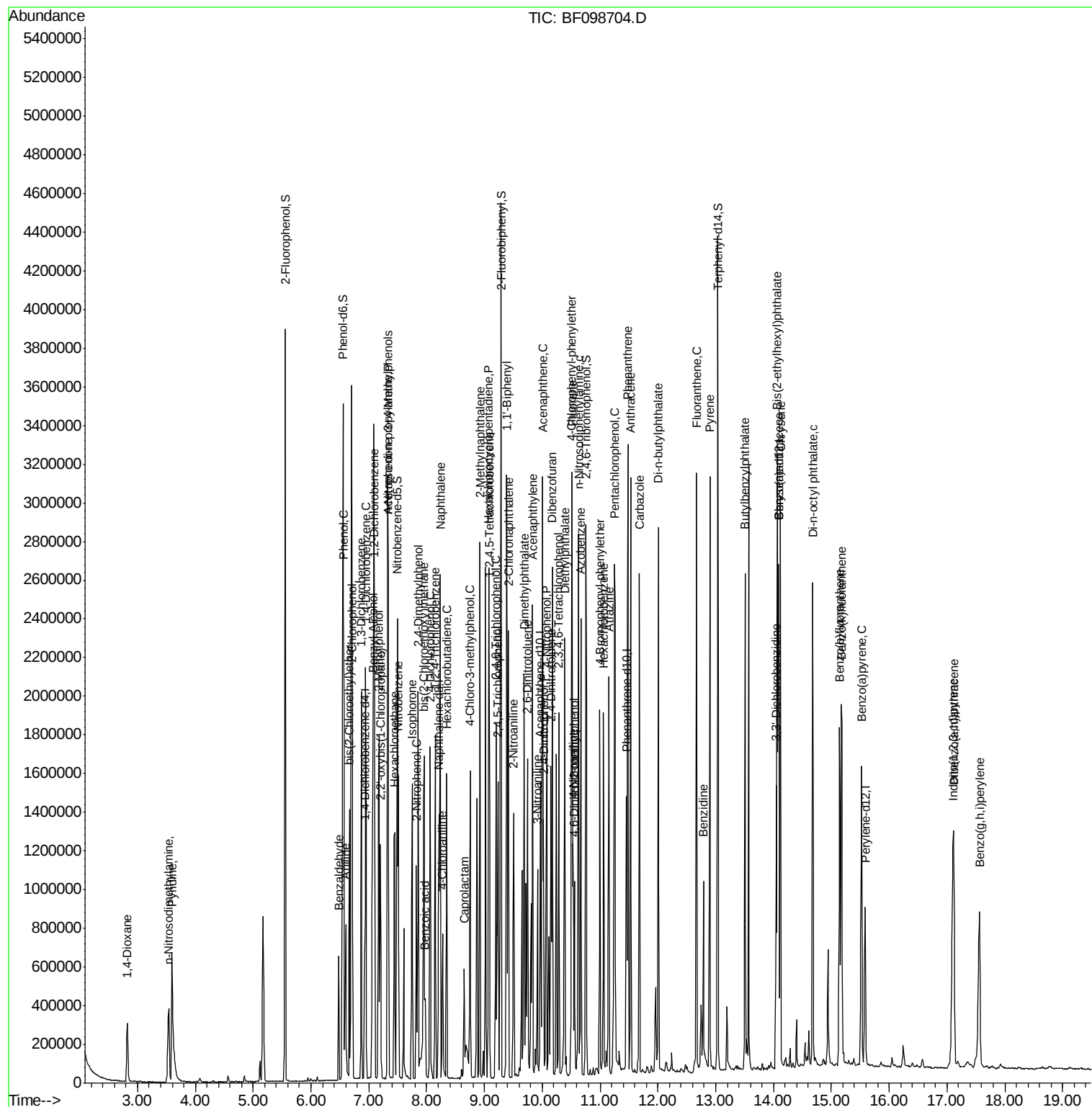
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	241154	41.29	nq	98
43) 2,4,5-Trichlorophenol	9.24	196	246750	41.20	nq	95
45) 1,1'-Biphenyl	9.39	154	930599	36.97	nq	99
46) 2-Chloronaphthalene	9.42	162	739929	39.20	nq	97
47) 2-Nitroaniline	9.50	65	238012	44.91	nq	95
48) Acenaphthylene	9.83	152	1131526	38.97	nq	99
49) Dimethylphthalate	9.69	163	864529	39.34	nq	99
50) 2,6-Dinitrotoluene	9.75	165	192167	44.32	nq	98
51) Acenaphthene	10.00	154	763261	42.35	nq	97
52) 3-Nitroaniline	9.92	138	163175	31.57	nq	97
53) 2,4-Dinitrophenol	10.02	184	146163	77.64	nq	98
54) Dibenzofuran	10.17	168	1023100	41.57	nq	99
55) 4-Nitrophenol	10.07	139	374189	83.19	nq	94
56) 2,4-Dinitrotoluene	10.15	165	264250	45.36	nq	96
57) Fluorene	10.52	166	784384	39.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	197957	46.46	nq	99
59) Diethylphthalate	10.39	149	855646	39.74	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	345416	39.86	nq	99
61) 4-Nitroaniline	10.53	138	222509	44.88	nq	97
62) Azobenzene	10.67	77	840837	41.75	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	108312	42.53	nq	93
65) n-Nitrosodiphenylamine	10.63	169	708901	39.14	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	215673	40.59	nq	91
67) Hexachlorobenzene	11.06	284	230856	38.13	nq	93
68) Atrazine	11.15	200	223479	41.02	nq	98
69) Pentachlorophenol	11.26	266	277099	80.08	nq	99
70) Phenanthrene	11.48	178	1136487	39.81	nq	99
71) Anthracene	11.53	178	1181318	40.59	nq	100
72) Carbazole	11.68	167	1103196	38.79	nq	99
73) Di-n-butylphthalate	12.01	149	1326442	40.15	nq	99
74) Fluoranthene	12.67	202	1179742	41.47	nq	99
76) Benzidine	12.79	184	349603	20.52	nq	98
77) Pyrene	12.90	202	1211438	38.90	nq	100
79) Butylbenzylphthalate	13.51	149	607256	47.13	nq	95
80) Benzo(a)anthracene	14.08	228	1021710	40.44	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	293407	32.54	nq	97
82) Chrysene	14.12	228	958206	39.27	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	775506	43.51	nq	98
84) Di-n-octyl phthalate	14.68	149	1239391	46.31	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	803895	42.47	nq	100
87) Benzo(b)fluoranthene	15.14	252	903084	43.50	nq	98
88) Benzo(k)fluoranthene	15.18	252	764637	36.85	nq	98
89) Benzo(a)pyrene	15.52	252	771383	40.91	nq	# 96
90) Dibenzo(a,h)anthracene	17.12	278	665346	41.72	nq	99
91) Benzo(g,h,i)perylene	17.56	276	674966	42.11	nq	98

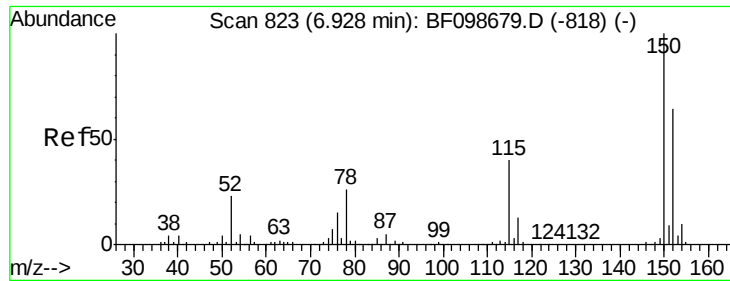
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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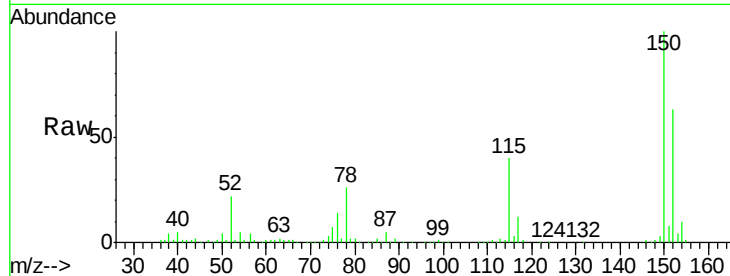


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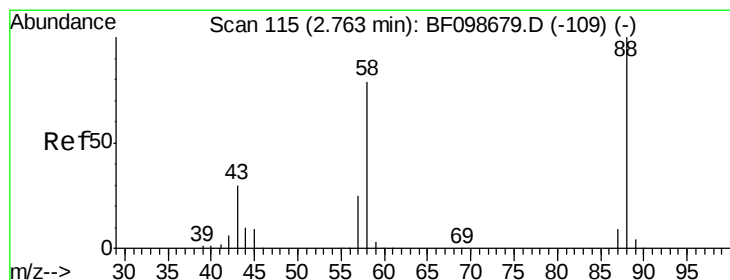
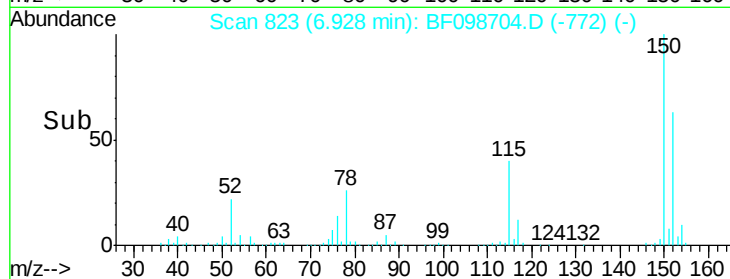
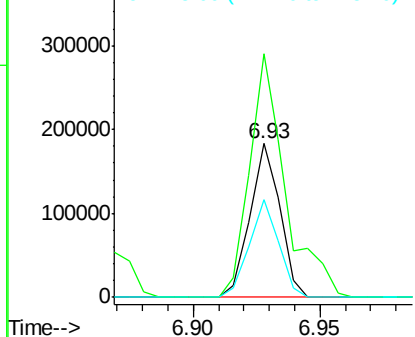
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion:152 Resp: 151073
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 63.8 50.1 75.1



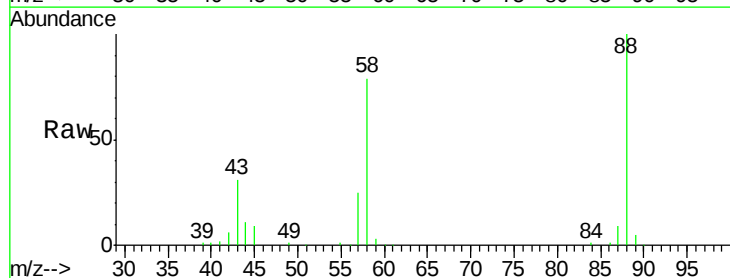
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



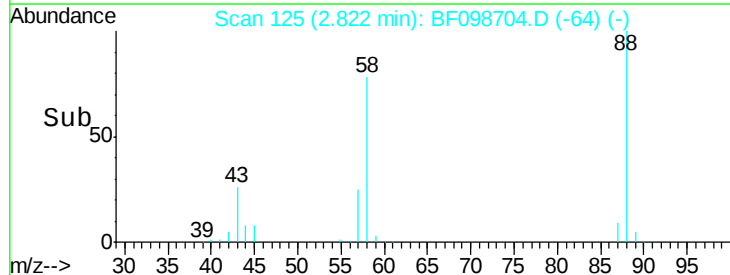
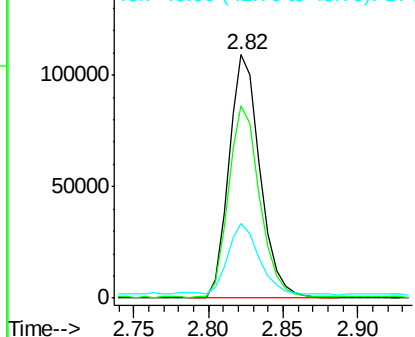
#2

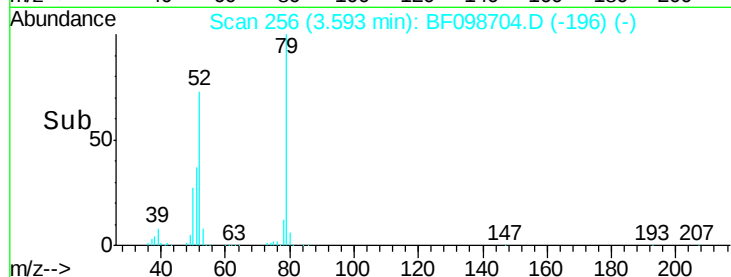
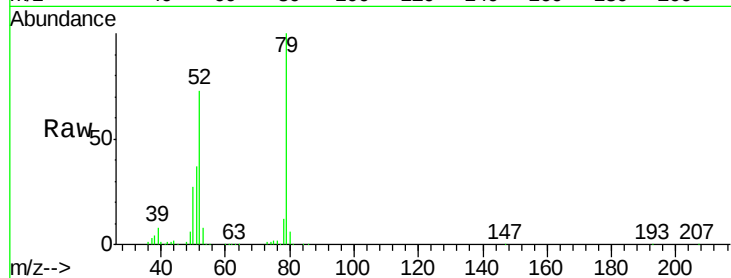
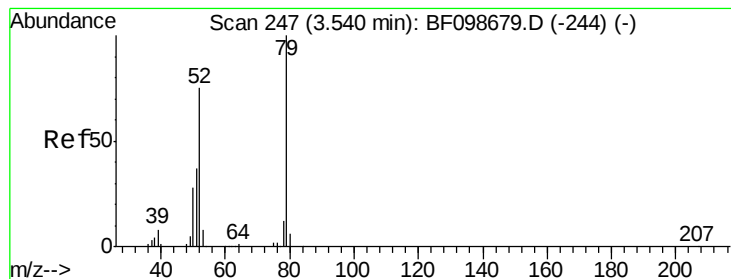
1,4-Dioxane
Concen: 33.87 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.06 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion: 88 Resp: 159163
Ion Ratio Lower Upper
88 100
58 79.8 62.6 93.8
43 30.3 24.6 37.0



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





#3

Pvridine

Concen: 38.10 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.05 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

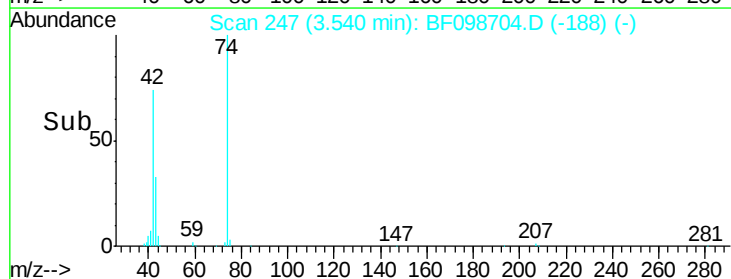
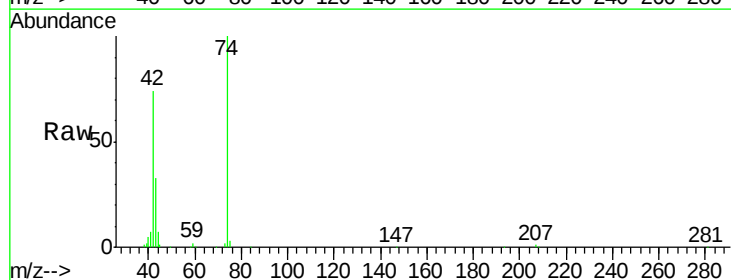
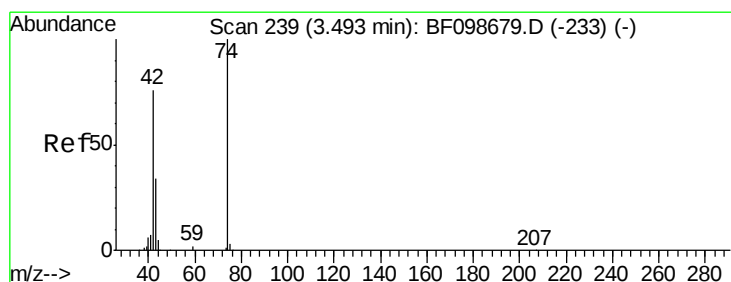
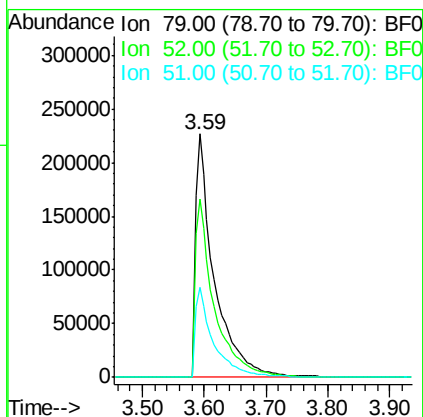
Tot Ion: 79 Resp: 475808

Ion Ratio Lower Upper

79 100

52 73.4 59.8 89.6

51 37.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.23 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.05 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

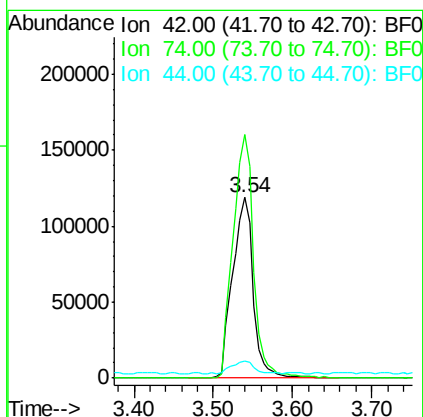
Tgt Ion: 42 Resp: 214676

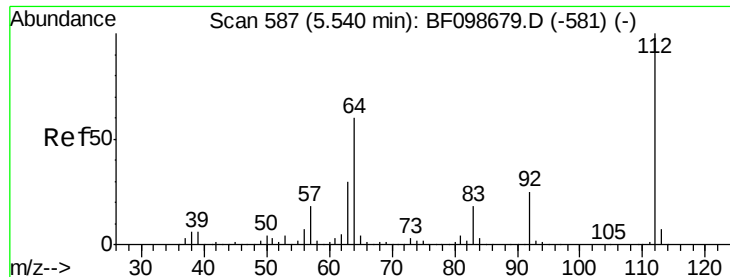
Ion Ratio Lower Upper

42 100

74 134.8 104.9 157.3

44 9.4 6.9 10.3





#5

2-Fluorophenol

Concen: 122.29 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

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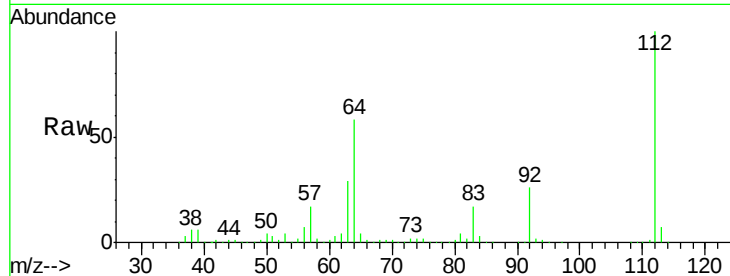
Tot Ion:112 Resp: 1216617

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

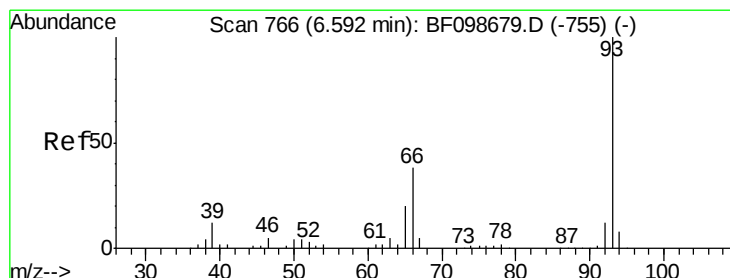
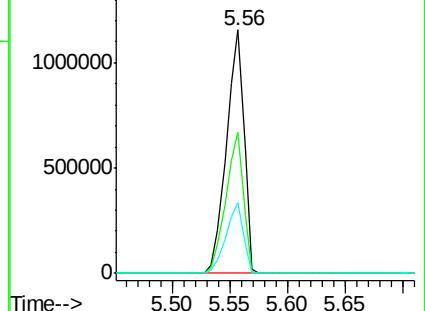
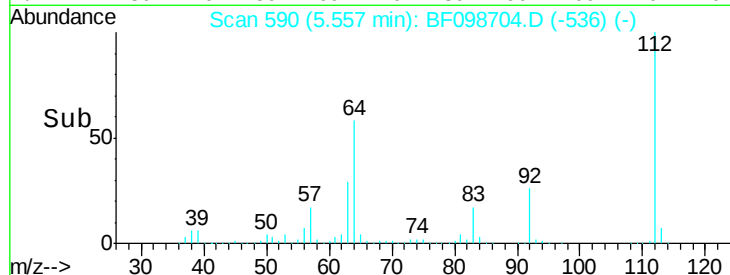
63 28.9 23.7 35.5



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: 25.92 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

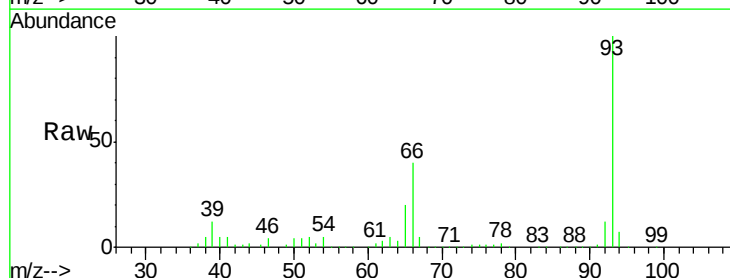
Tgt Ion: 93 Resp: 413652

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

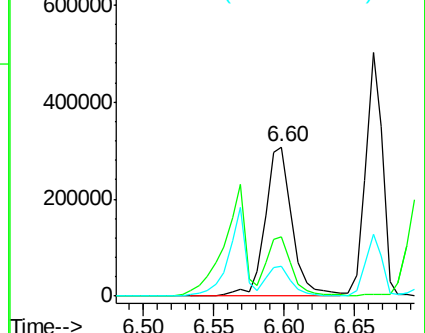
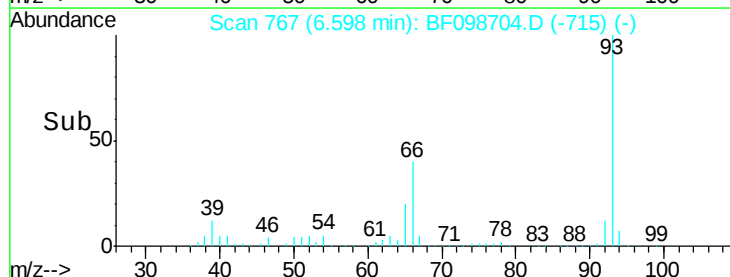
65 19.9 16.4 24.6

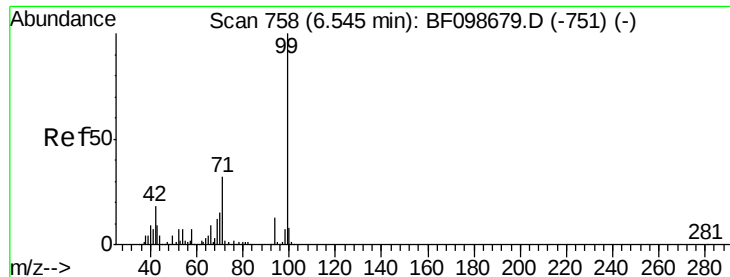


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.94 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098704.D

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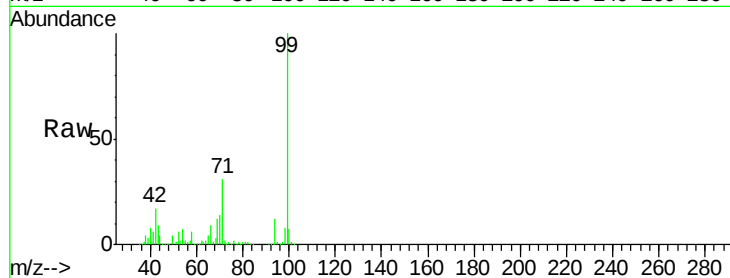
Tot Ion: 99 Resp: 1469072

Ion Ratio Lower Upper

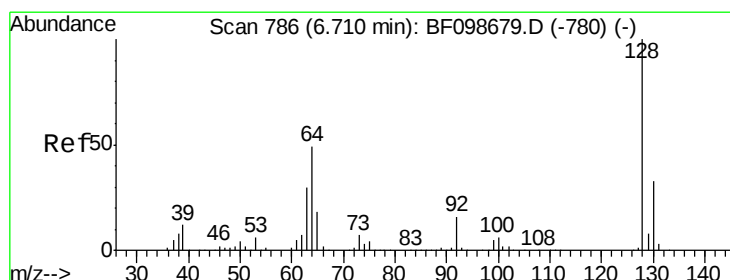
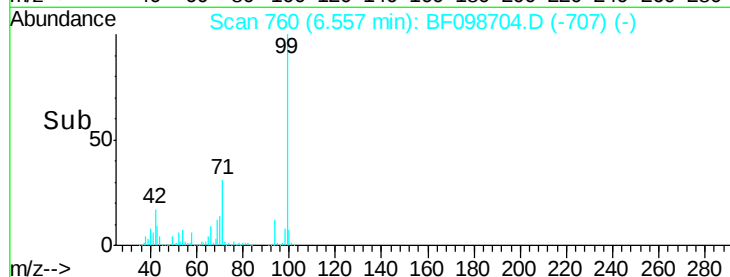
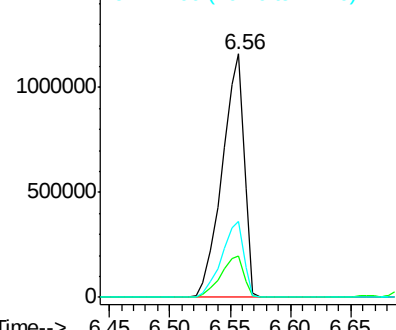
99 100

42 17.1 14.5 21.7

71 31.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.79 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

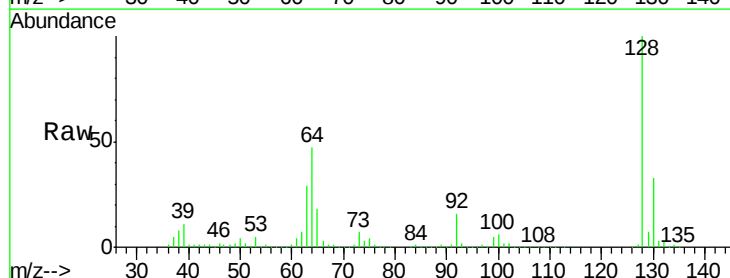
Tgt Ion: 128 Resp: 419222

Ion Ratio Lower Upper

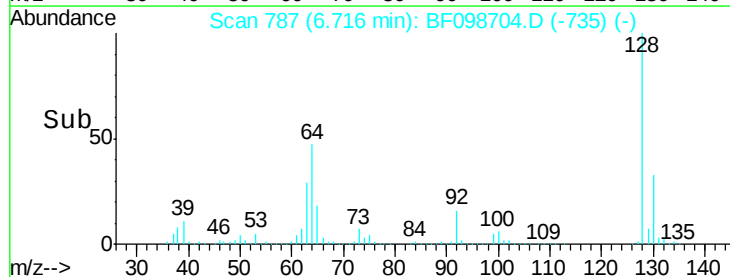
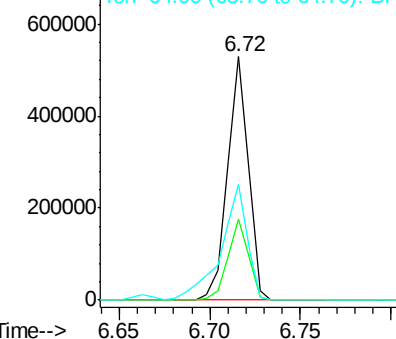
128 100

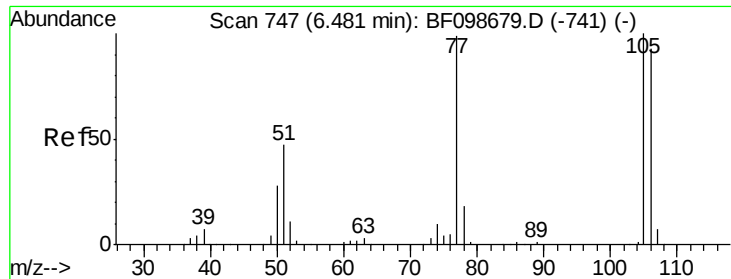
130 33.1 13.0 53.0

64 47.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.11 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF098704.D

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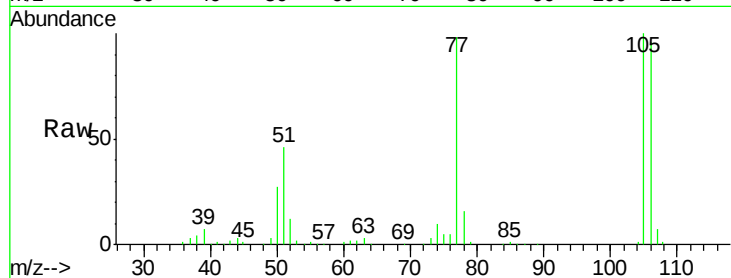
Tot Ion: 77 Resp: 122372

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

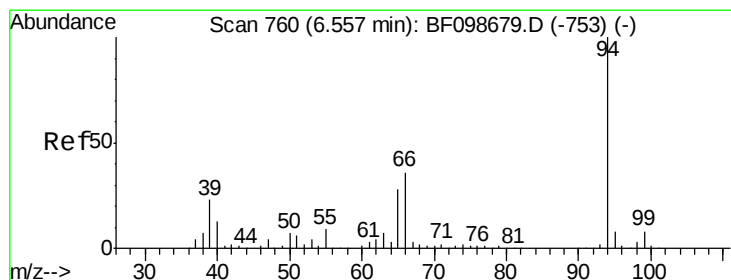
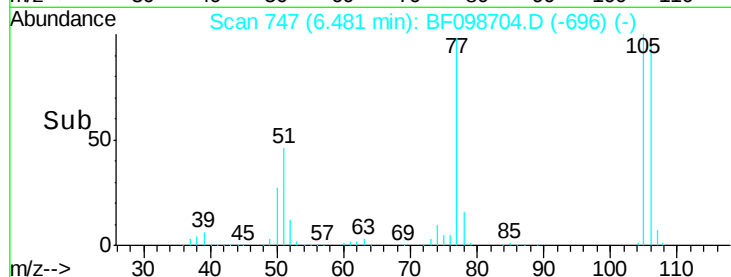
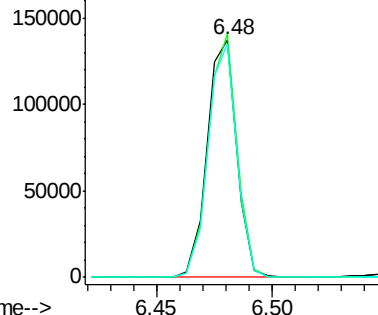
106 98.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.28 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

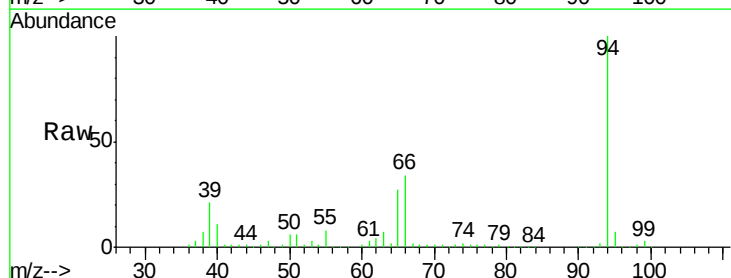
Tgt Ion: 94 Resp: 509014

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

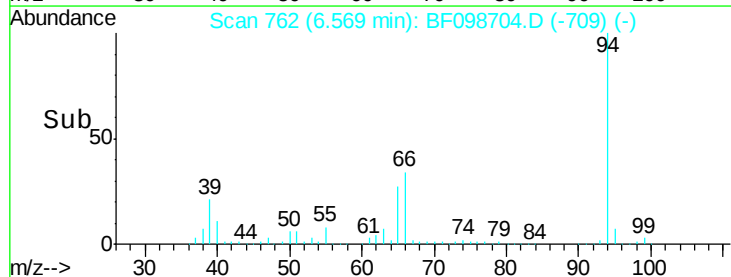
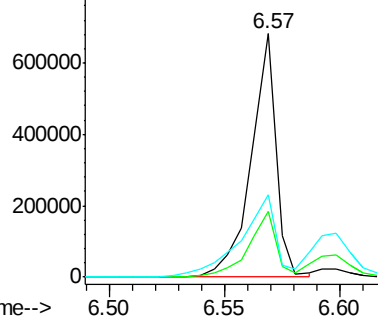
66 33.8 16.2 56.2

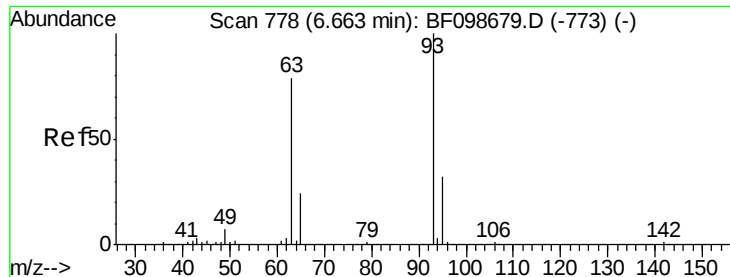


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

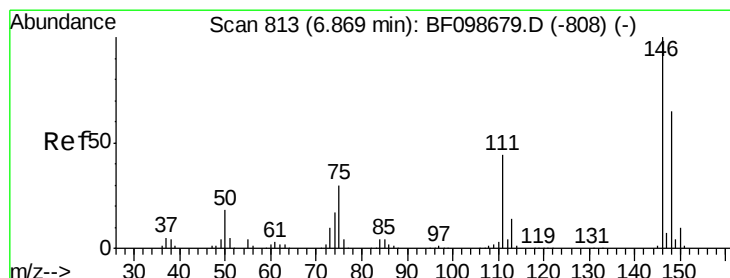
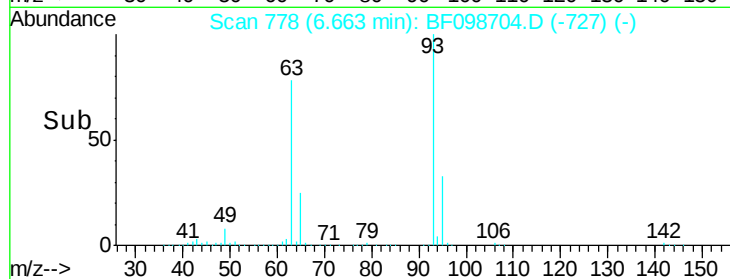
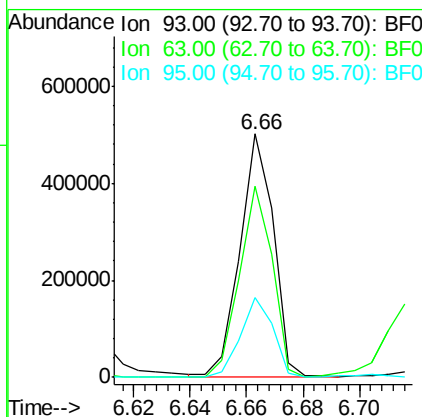
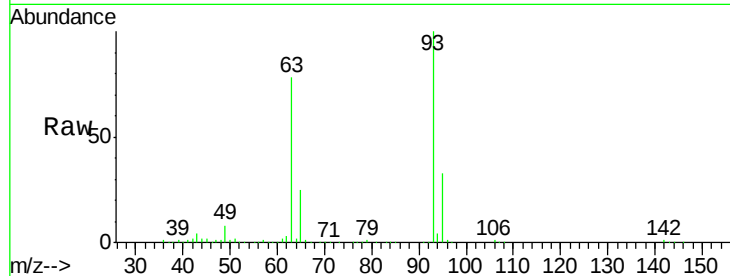




#11
bis(2-Chloroethyl)ether
Concen: 39.96 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

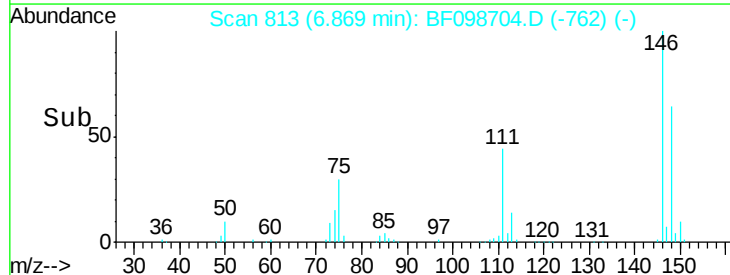
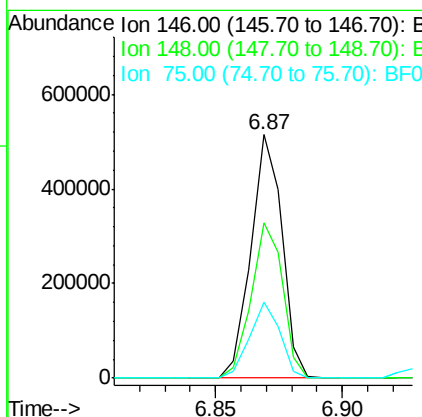
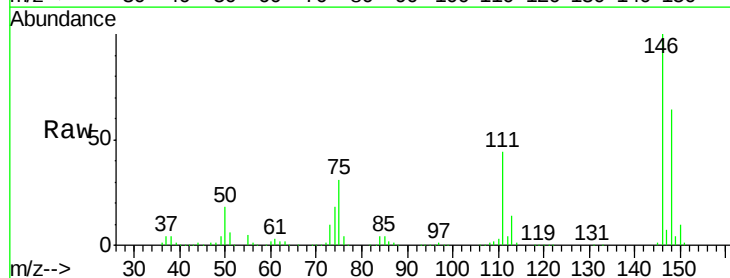
Instrument :
BNA_F
ClientSampleId :
PB102532BS

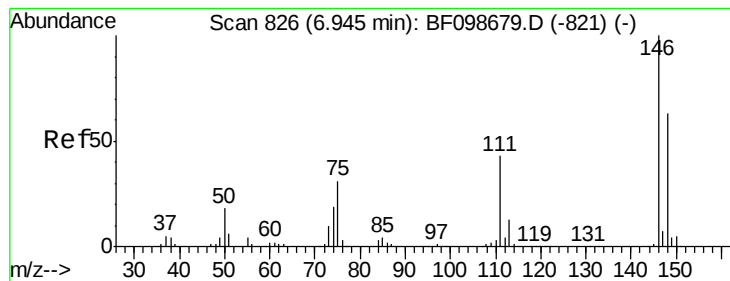
Tot Ion: 93 Resp: 409362
Ion Ratio Lower Upper
93 100
63 78.4 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.63 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion: 146 Resp: 440955
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 31.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.02 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

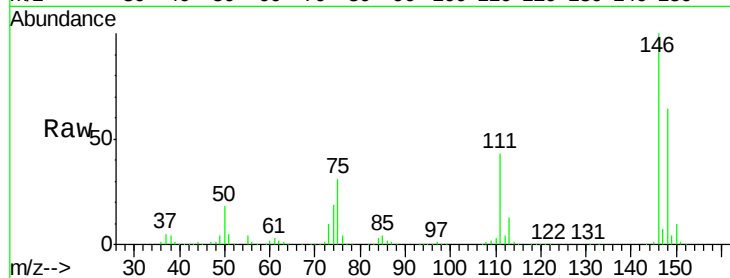
Tot Ion:146 Resp: 450846

Ion Ratio Lower Upper

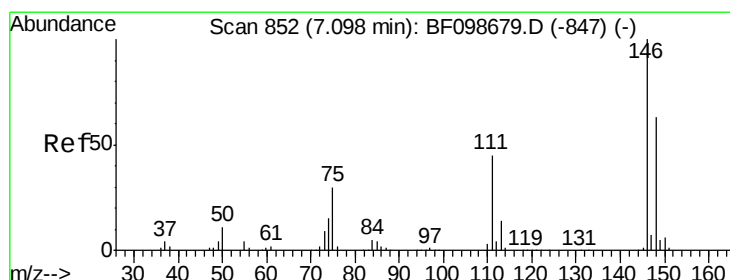
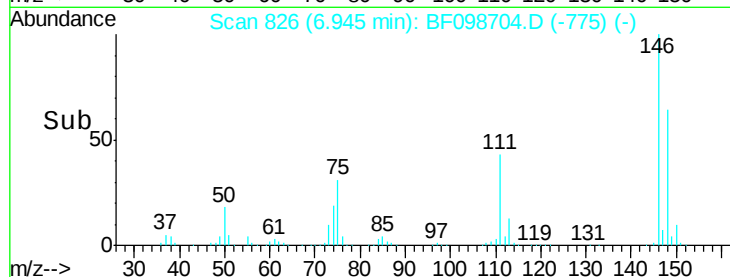
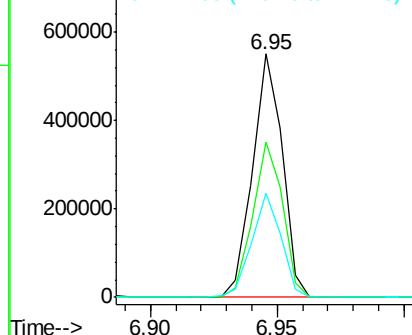
146 100

148 63.7 50.8 76.2

111 42.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 39.03 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

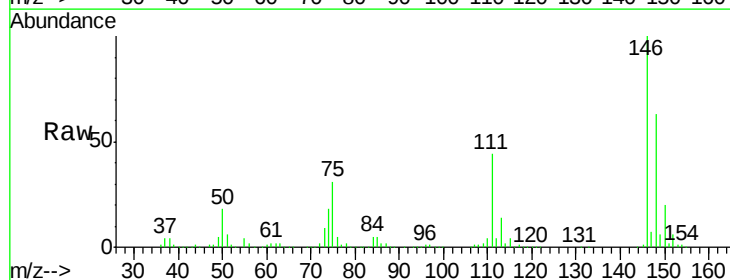
Tgt Ion:146 Resp: 420546

Ion Ratio Lower Upper

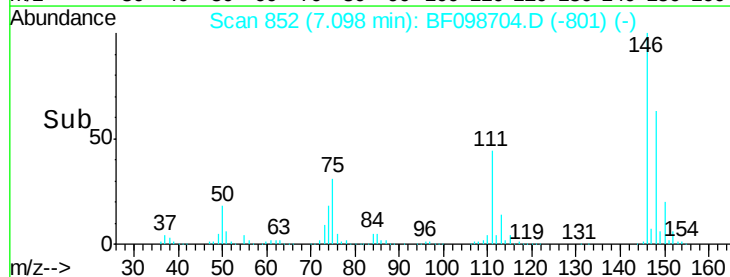
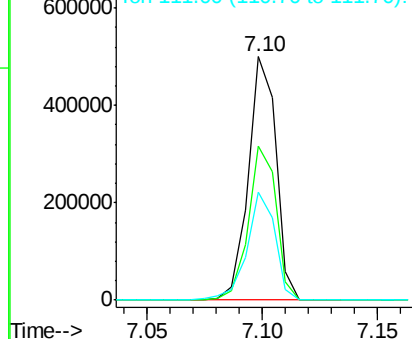
146 100

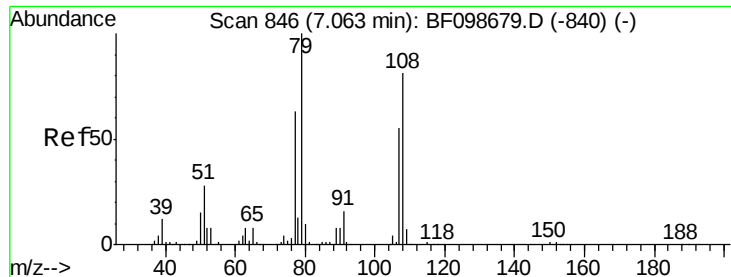
148 63.4 50.6 75.8

111 44.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 42.29 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

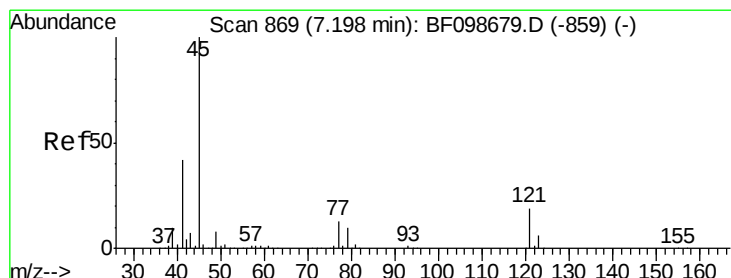
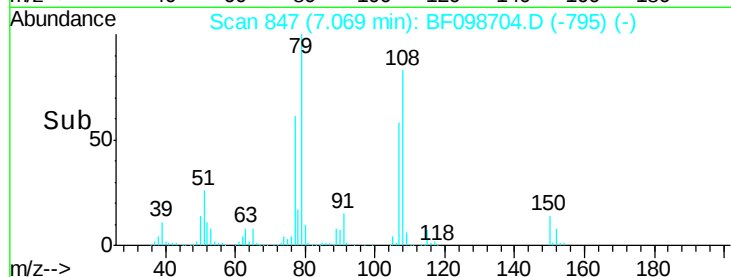
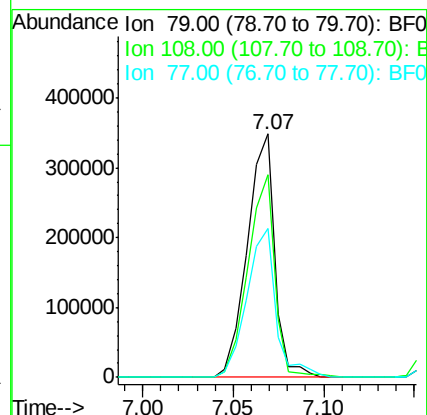
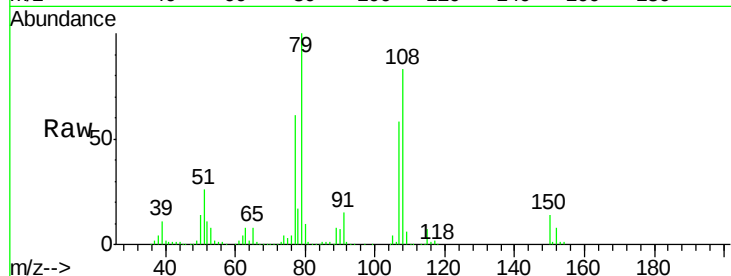
Tot Ion: 79 Resp: 367608

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.37 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

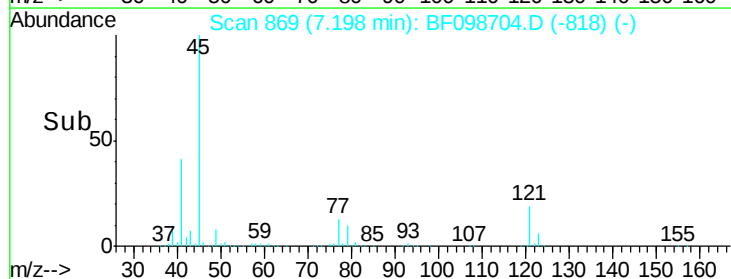
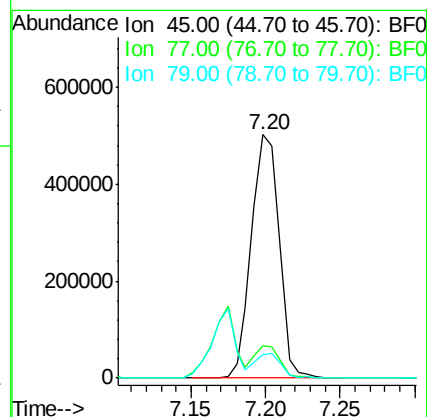
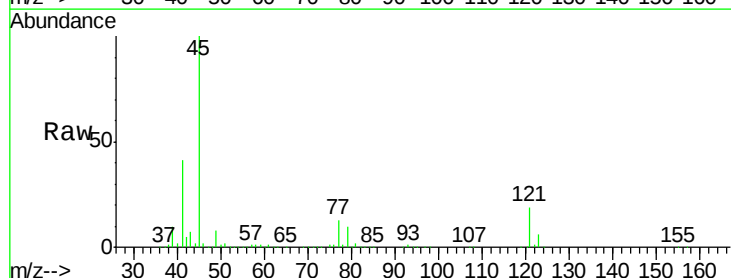
Tgt Ion: 45 Resp: 642701

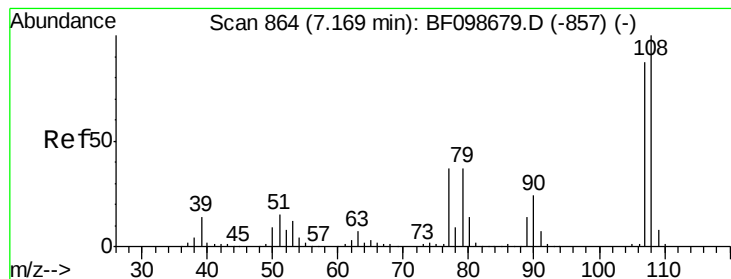
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.9

79 9.7 0.0 29.6





#17

2-Methylphenol

Concen: 41.40 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion:107 Resp: 364578

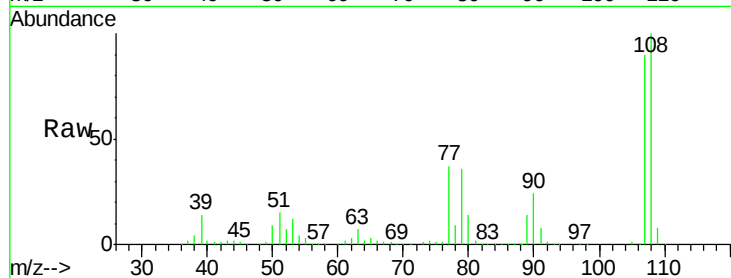
Ion Ratio Lower Upper

107 100

108 111.2 91.7 137.5

77 41.6 33.8 50.8

79 40.5 33.8 50.8

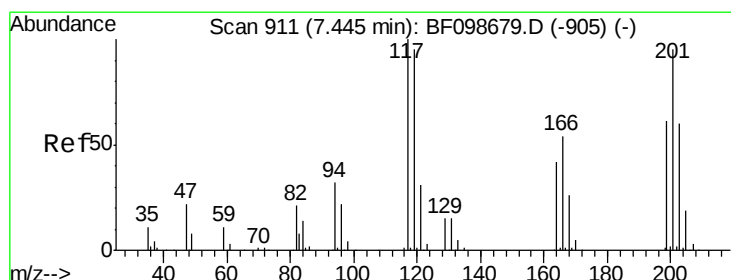
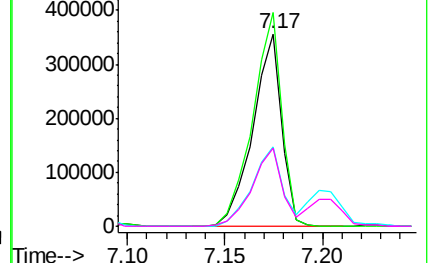
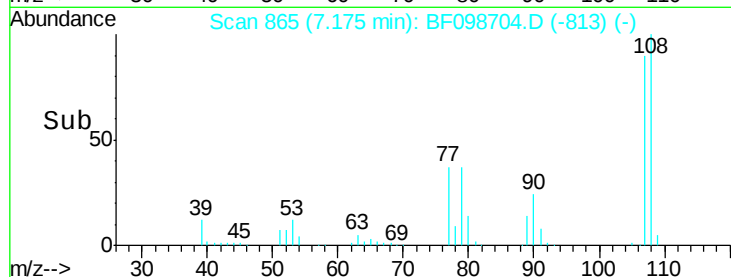


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.39 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

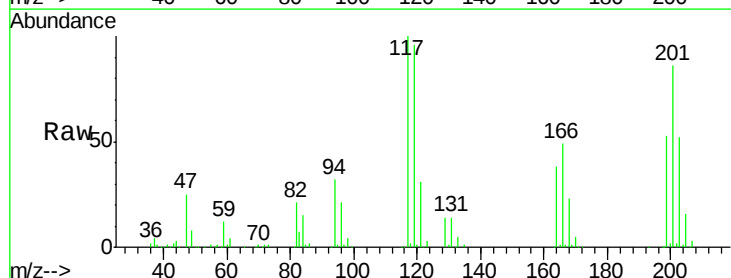
Tgt Ion:117 Resp: 160640

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

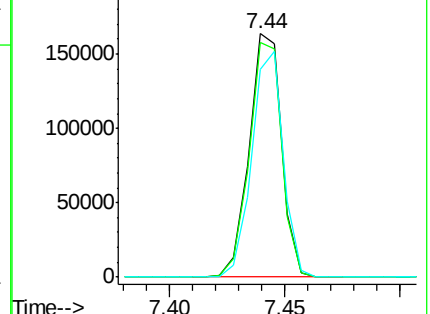
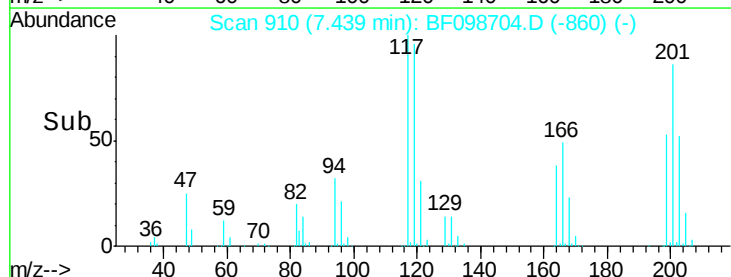
201 85.6 75.7 113.5

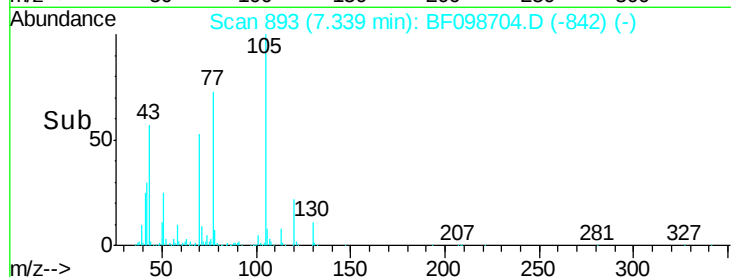
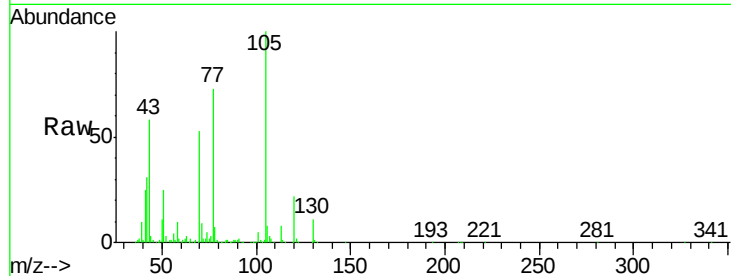
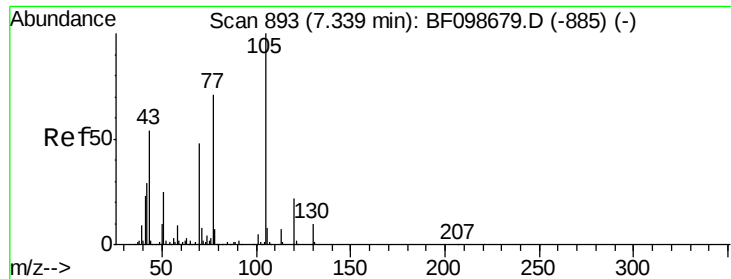


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

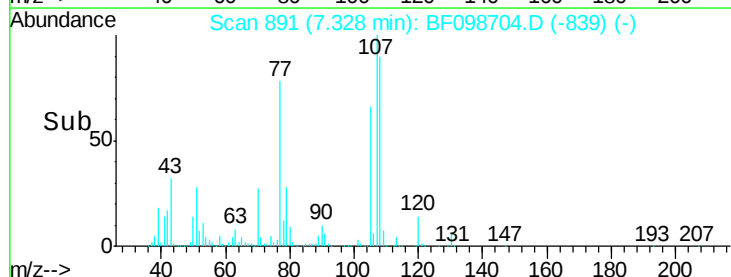
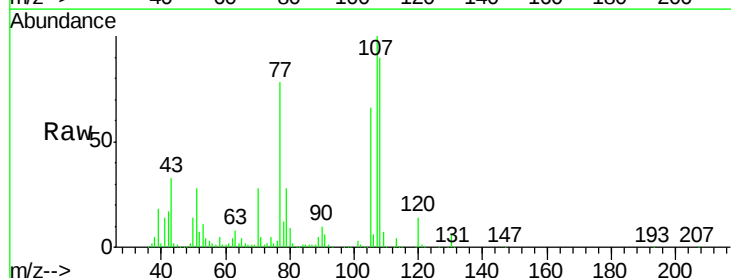
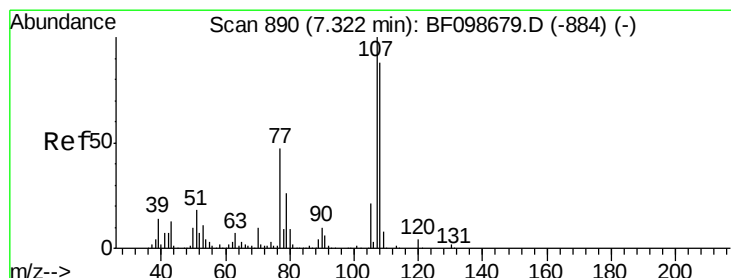
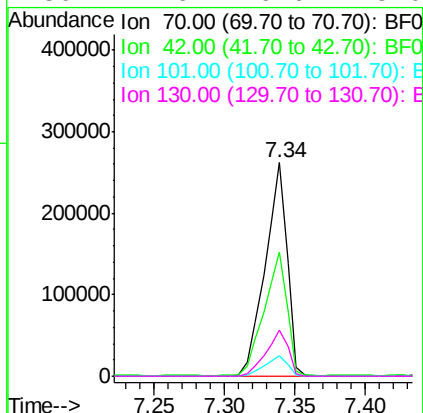




#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

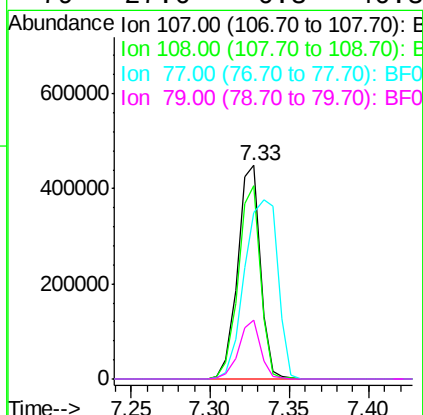
Instrument :
BNA_F
ClientSampleId :
PB102532BS

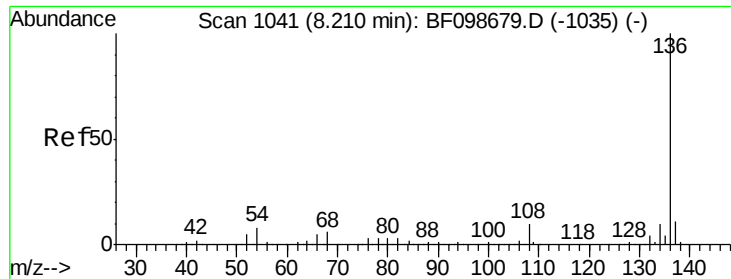
Tot Ion:	70	Resp:	286291
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.5	71.3
101	9.9	7.4	11.2
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.36 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:	107	Resp:	446852
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	78.2	26.7	66.7#
79	27.6	6.3	46.3

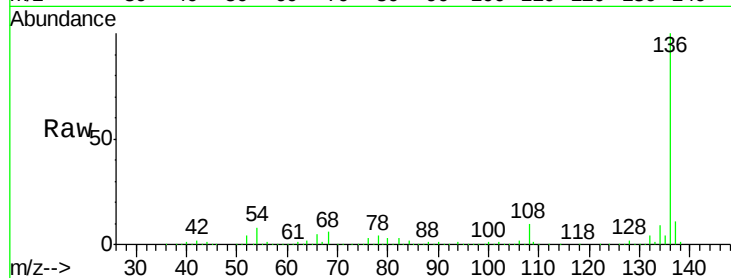




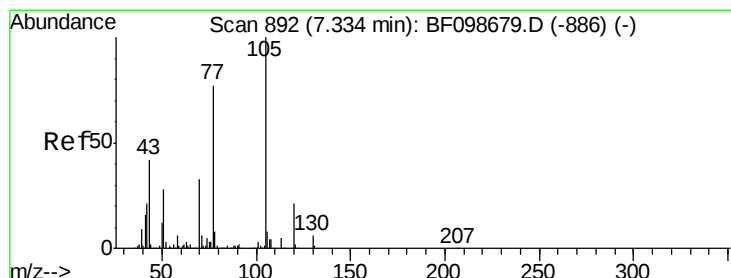
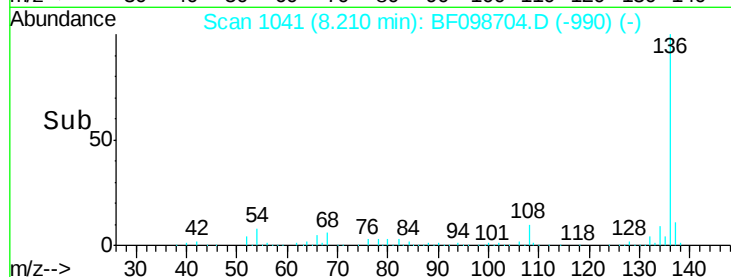
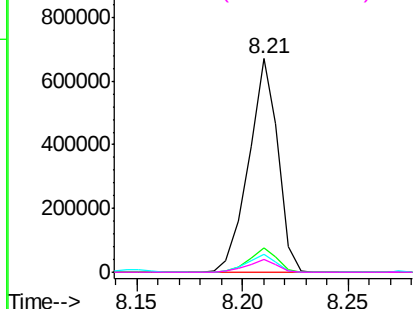
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion:136	Resp:	641842
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.2	6.6 9.8
68	6.1	5.0 7.4

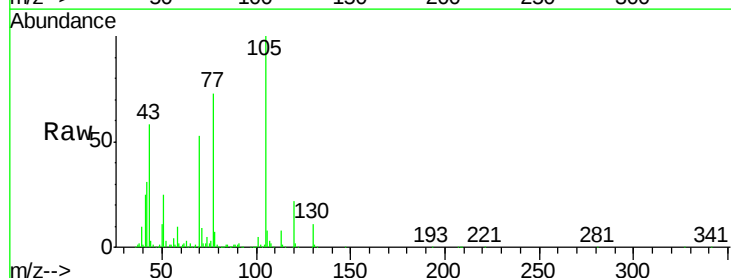


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

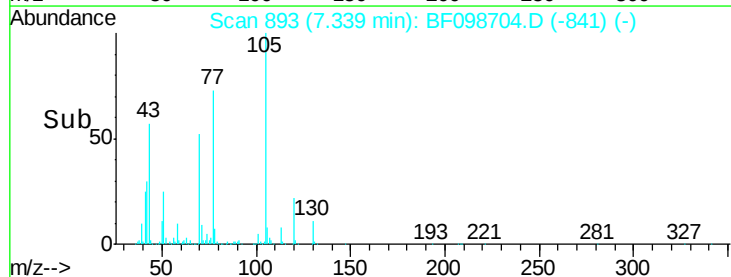
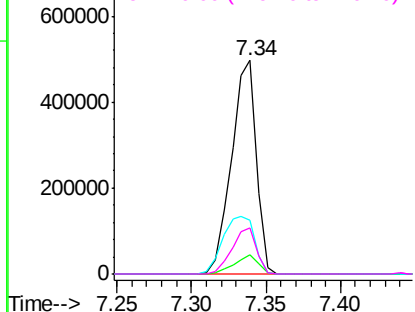


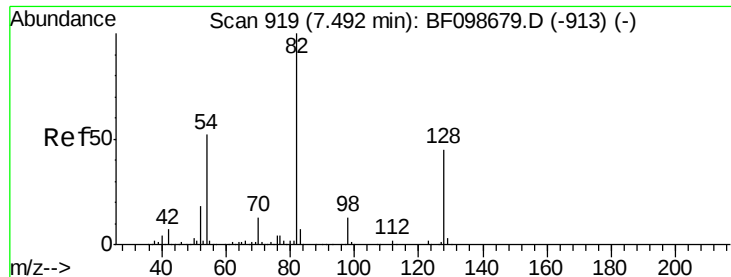
#22
Acetophenone
Concen: 36.53 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:105	Resp:	580054
Ion Ratio	Lower	Upper
105	100	
71	9.1	4.4 6.6#
51	25.1	22.3 33.5
120	21.7	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

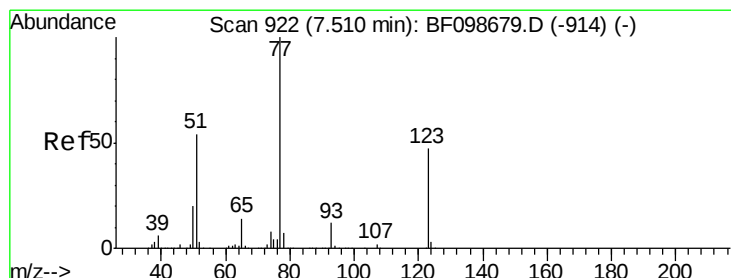
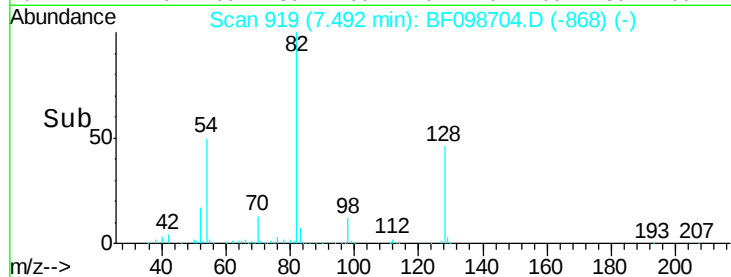
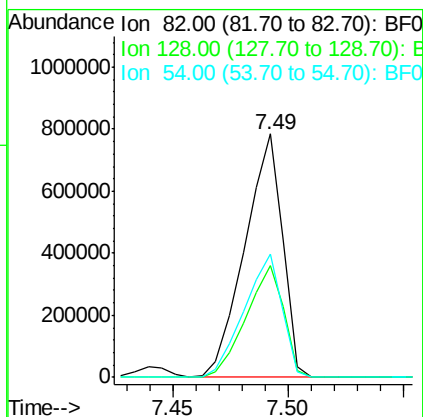
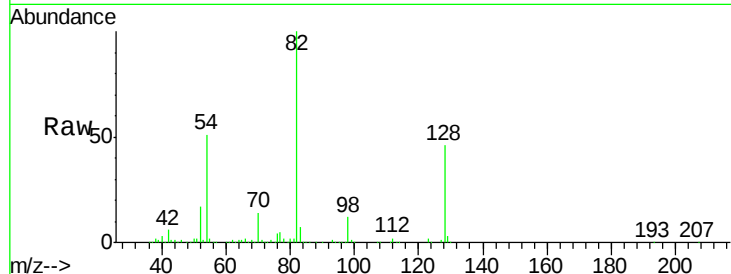




#23
 Nitrobenzene-d5
 Concen: 94.43 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

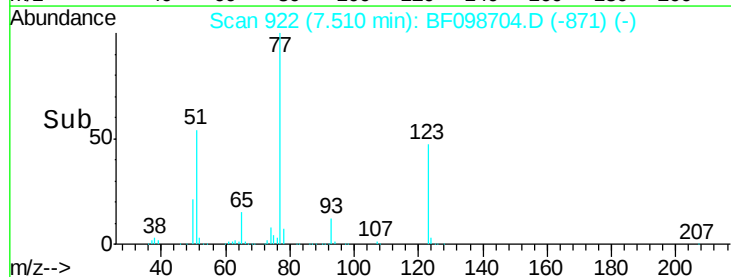
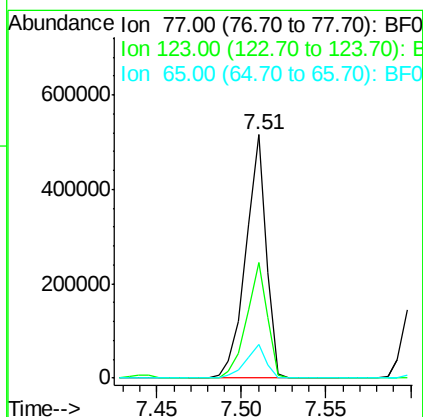
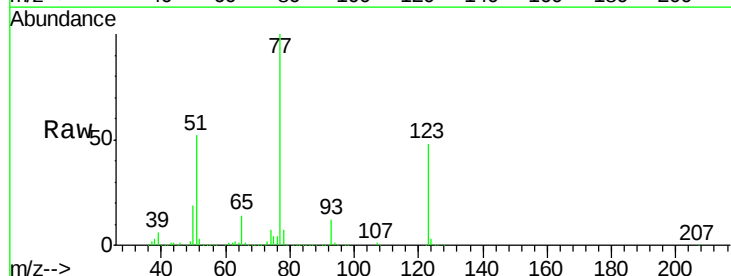
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

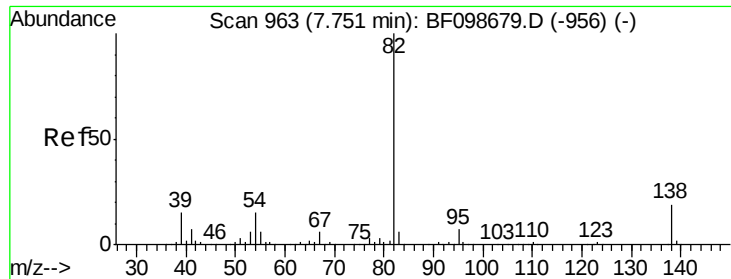
Tot Ion	82	Resp	893504
Ion Ratio	100	Lower	Upper
128	46.0	36.1	54.1
54	50.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.30 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	77	Resp	440437
Ion Ratio	100	Lower	Upper
123	47.7	37.9	56.9
65	13.7	11.0	16.4

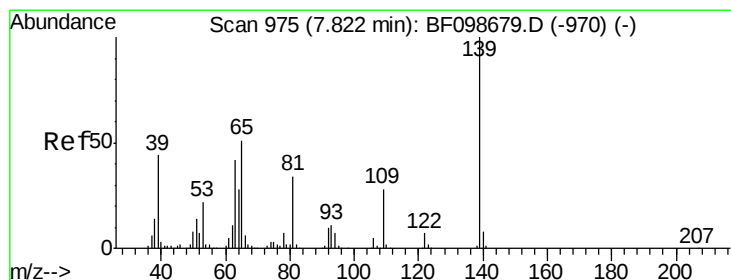
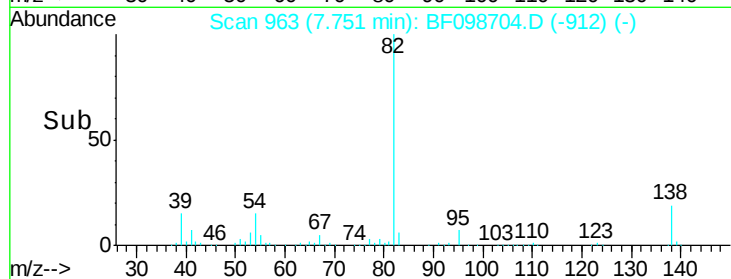
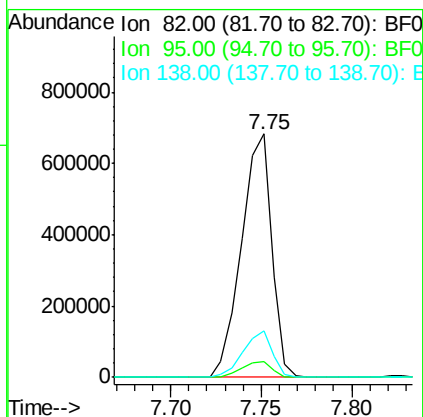
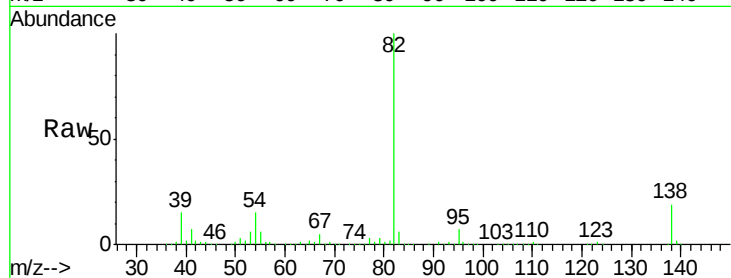




#25
Isophorone
Concen: 38.52 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

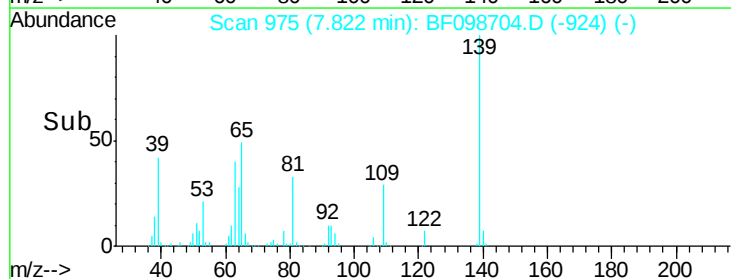
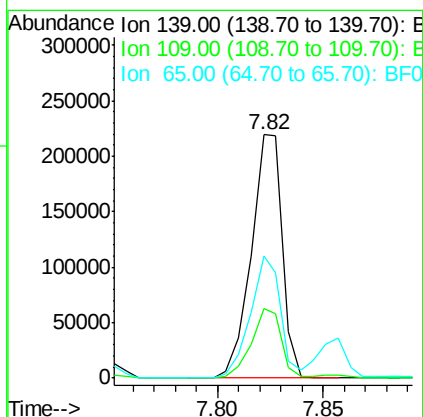
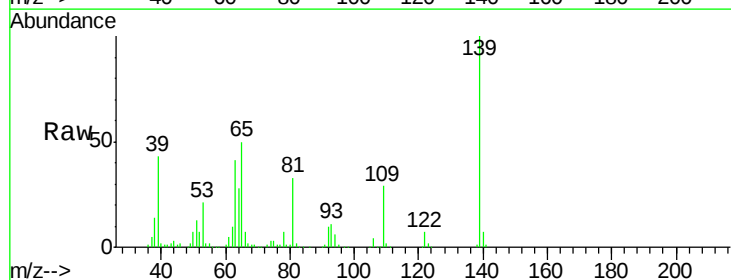
Instrument :
BNA_F
ClientSampleId :
PB102532BS

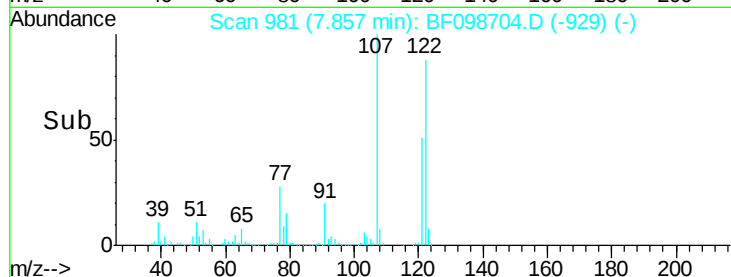
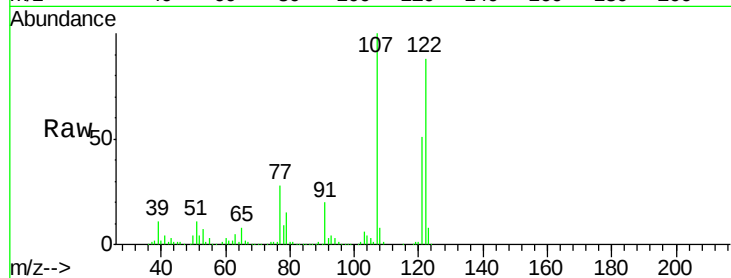
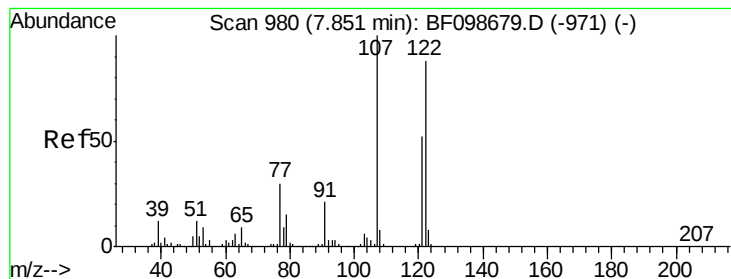
Tot Ion: 82 Resp: 794880
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 46.41 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion: 139 Resp: 223684
Ion Ratio Lower Upper
139 100
109 28.8 22.7 34.1
65 49.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.06 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

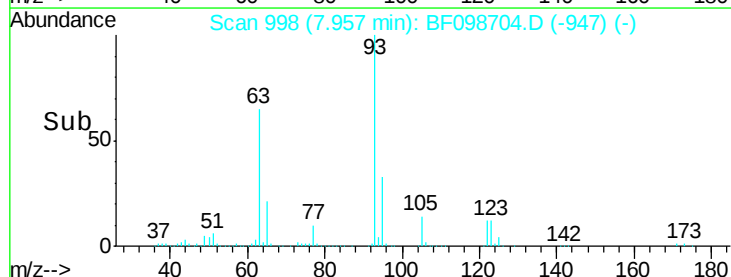
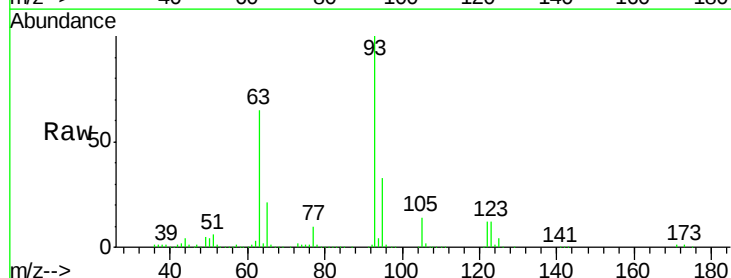
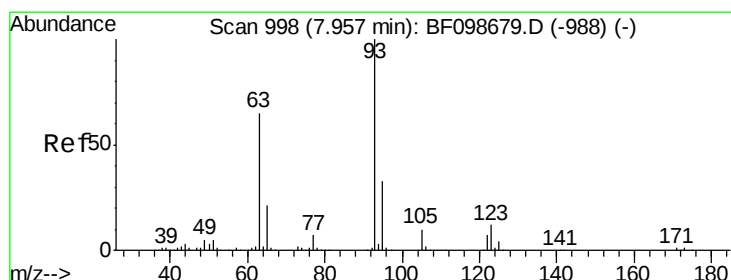
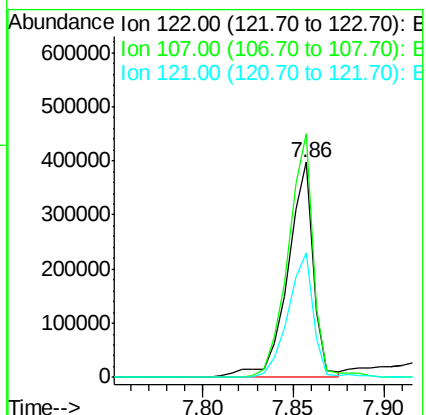
Tot Ion:122 Resp: 395862

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

121 58.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.84 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

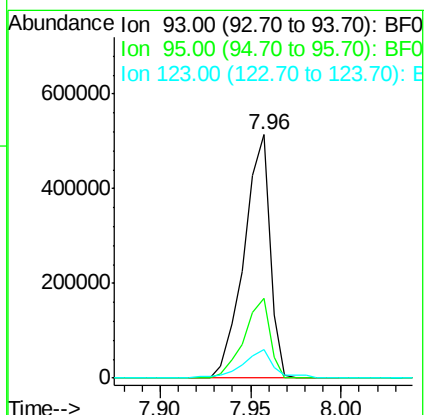
Tgt Ion: 93 Resp: 511563

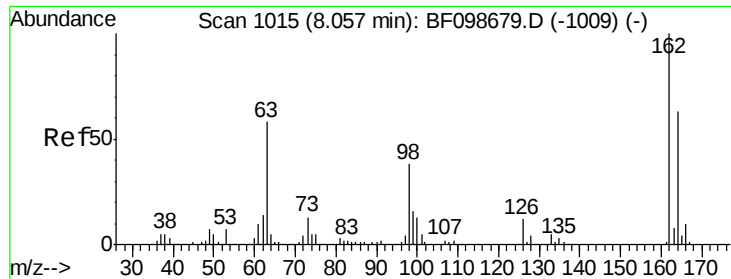
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.8 9.8 14.6

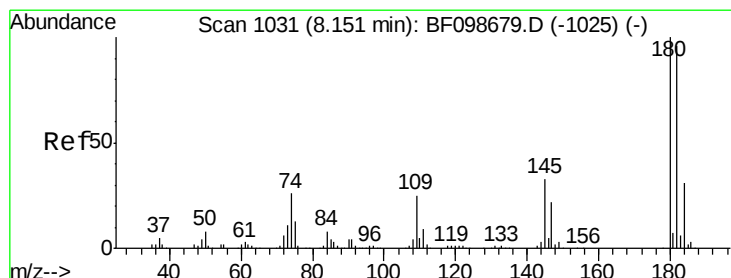
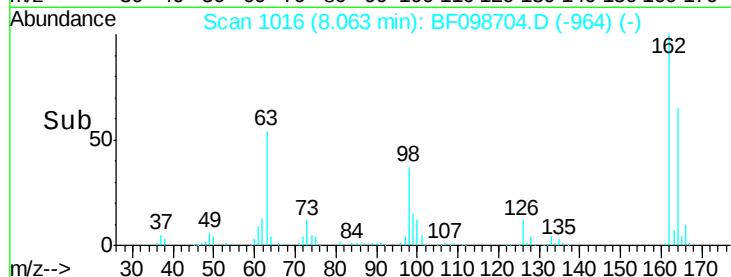
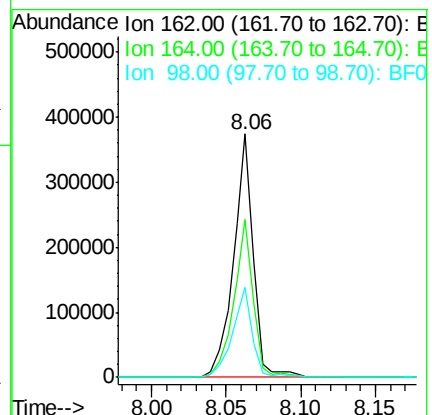
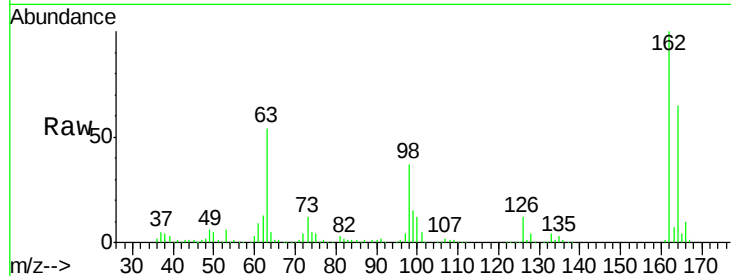




#29
 2,4-Dichlorophenol
 Concen: 40.18 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

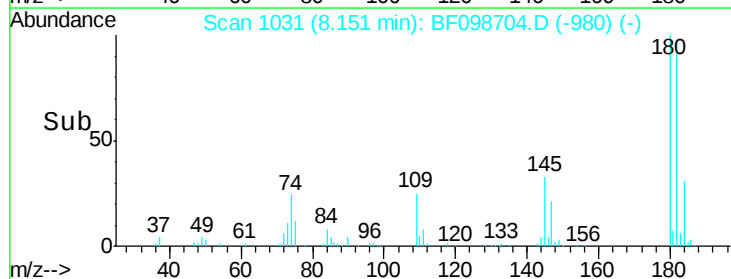
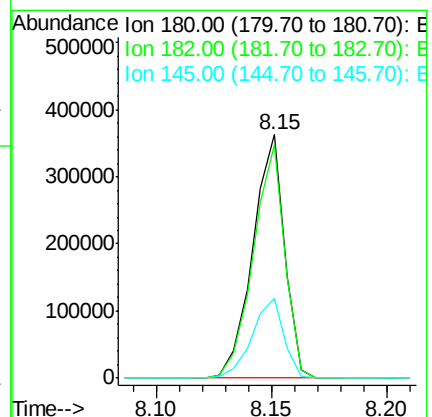
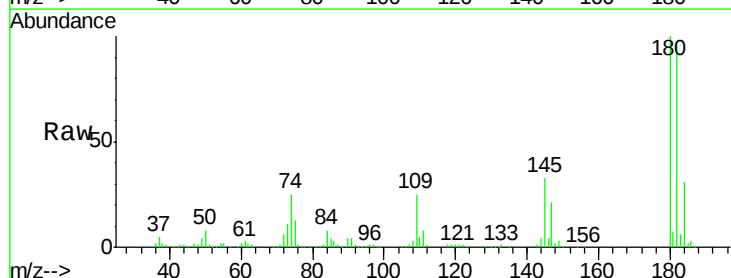
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

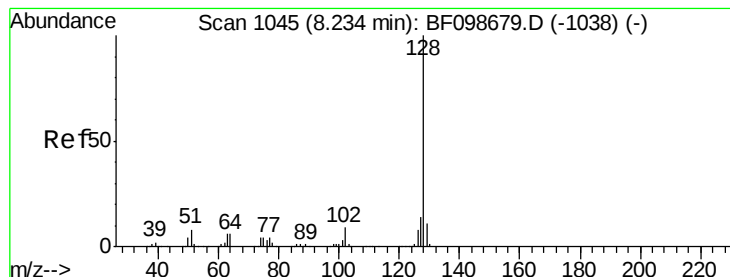
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.61 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 39.22 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

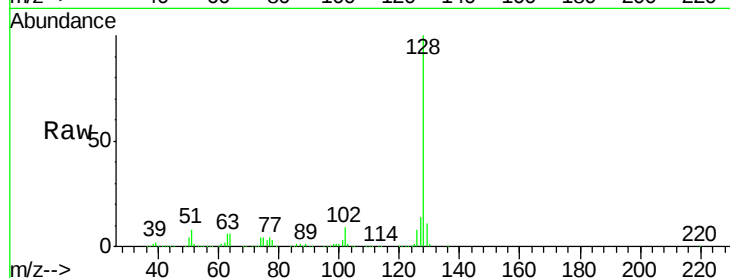
Tot Ion:128 Resp: 1194919

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

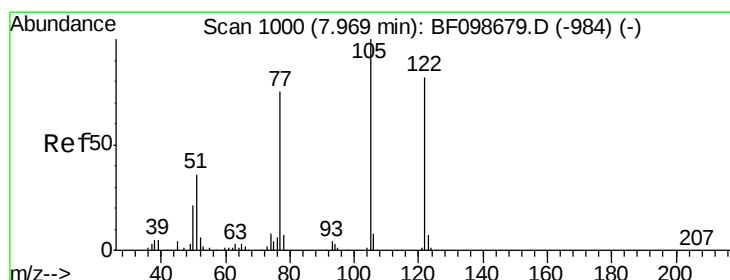
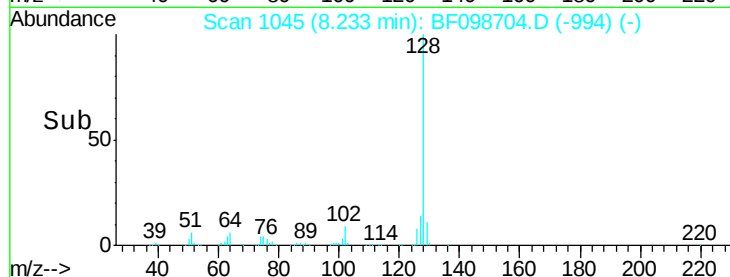
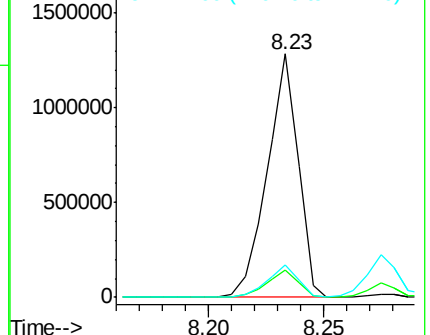
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.42 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

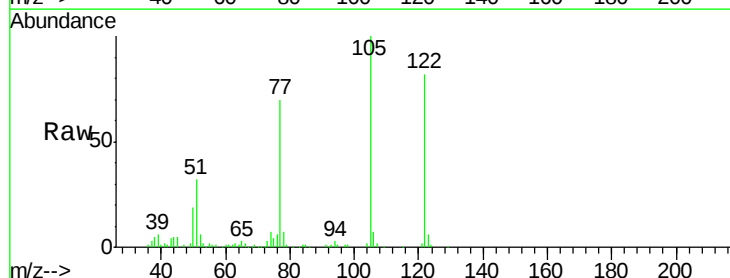
Tgt Ion:122 Resp: 279008

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

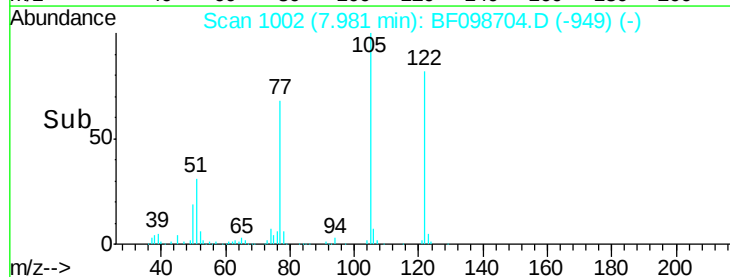
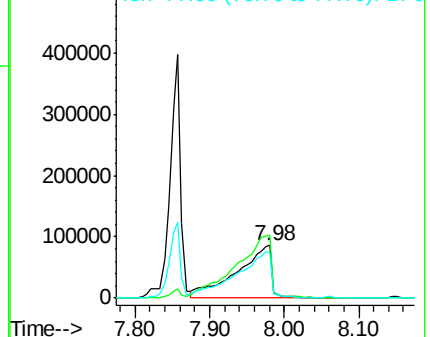
77 85.4 70.7 110.7

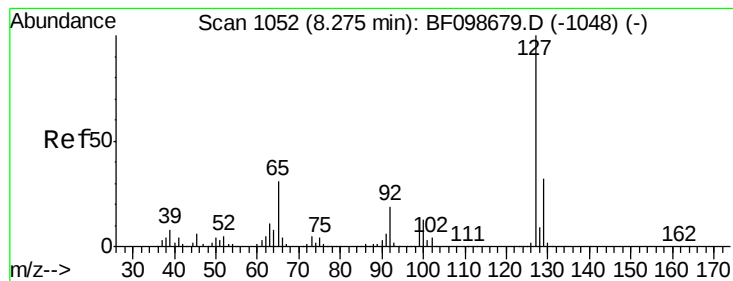


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.73 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion:127 Resp: 224516

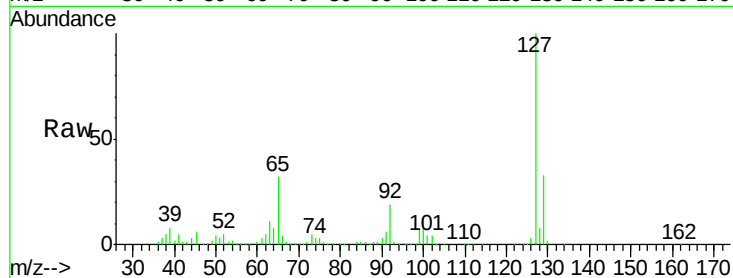
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 31.7 25.0 37.4

92 18.7 15.2 22.8

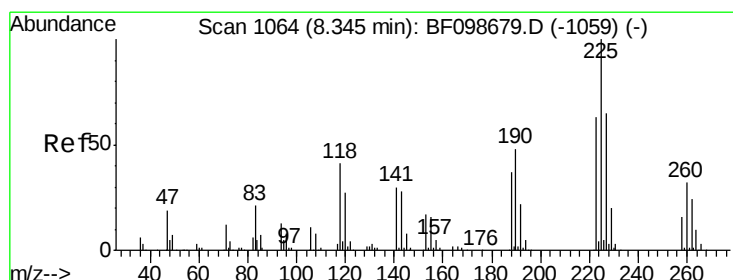
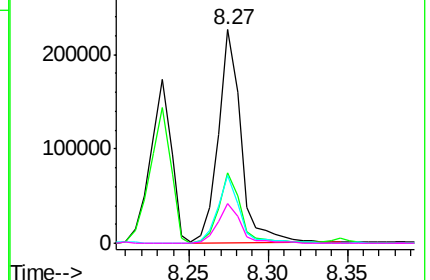
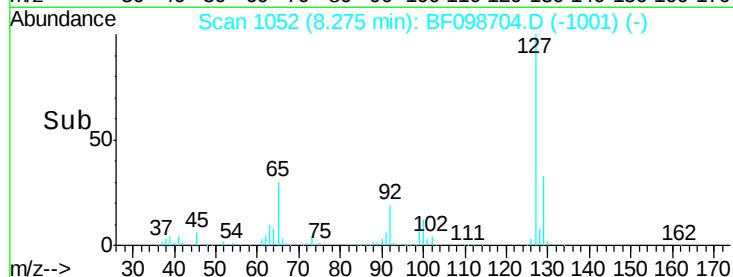


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.04 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

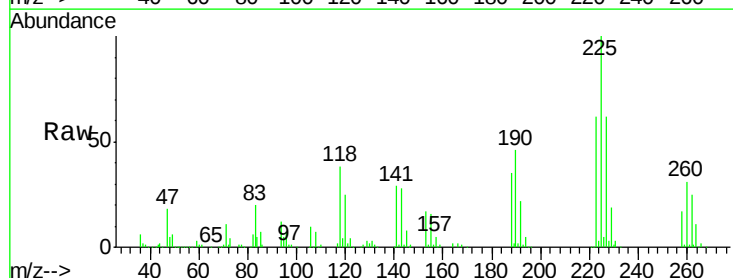
Tgt Ion:225 Resp: 184924

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

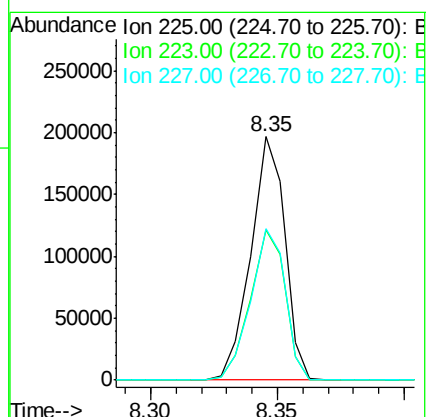
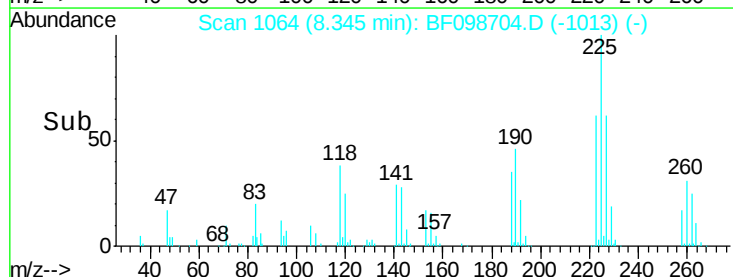
227 62.1 51.9 77.9

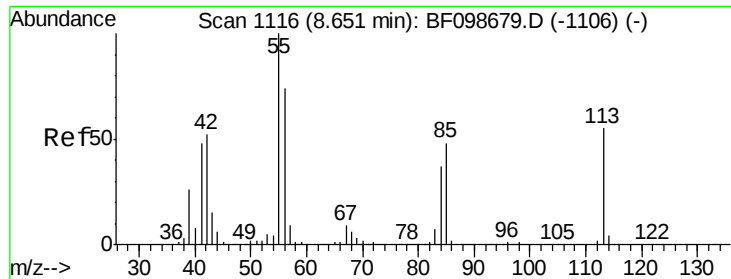


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

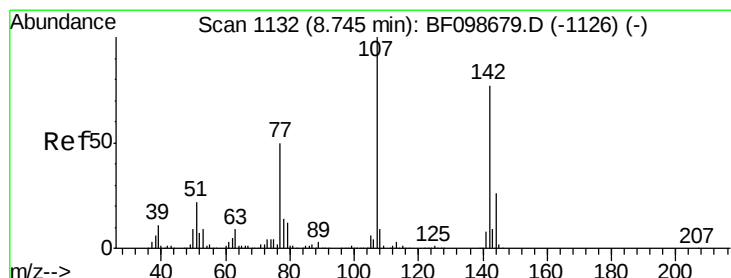
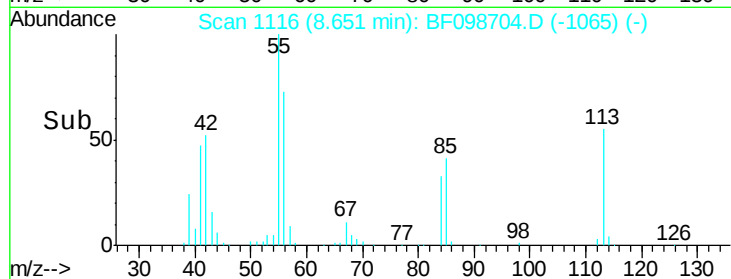
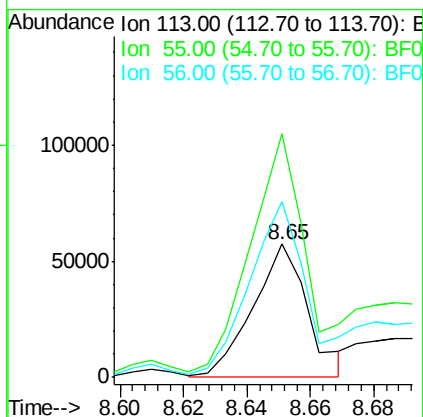
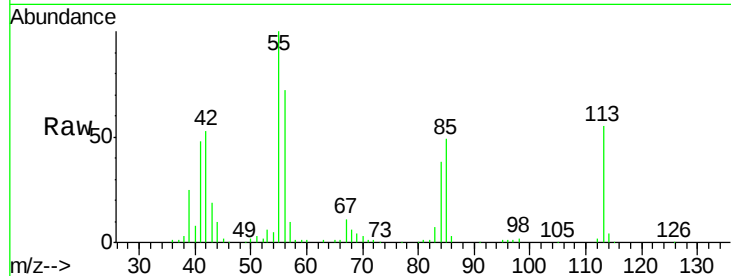




#35
 Caprolactam
 Concen: 25.26 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

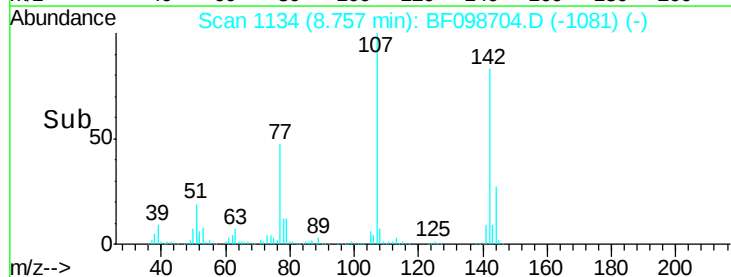
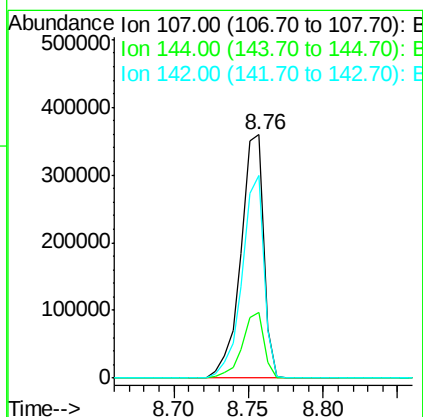
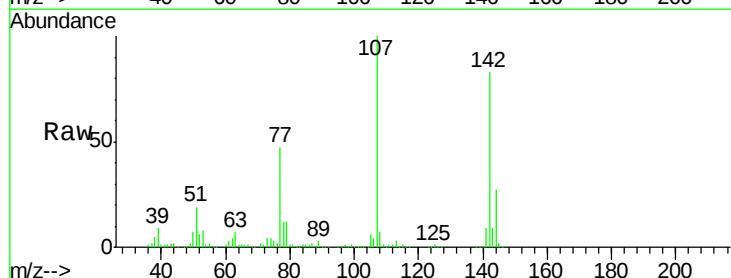
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

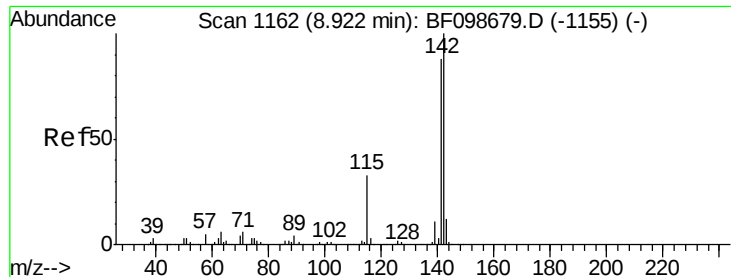
Tot Ion:113 Resp: 68668
 Ion Ratio Lower Upper
 113 100
 55 182.9 163.3 203.3
 56 132.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.46 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:107 Resp: 382698
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 83.5 62.0 93.0

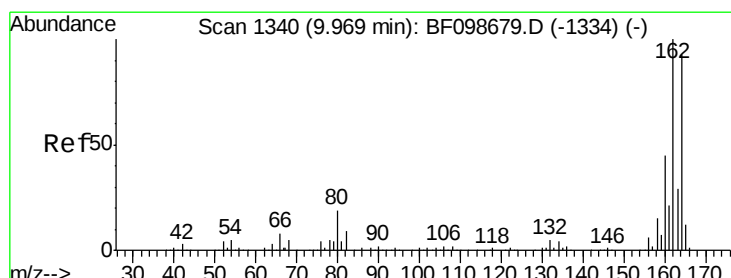
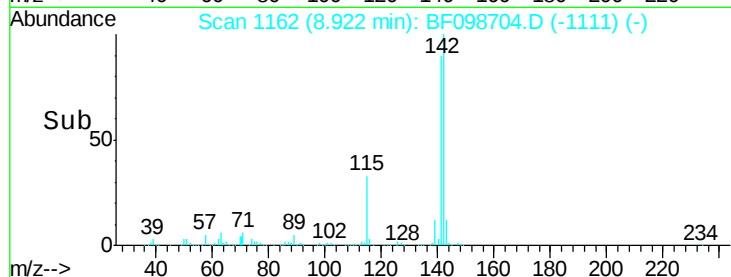
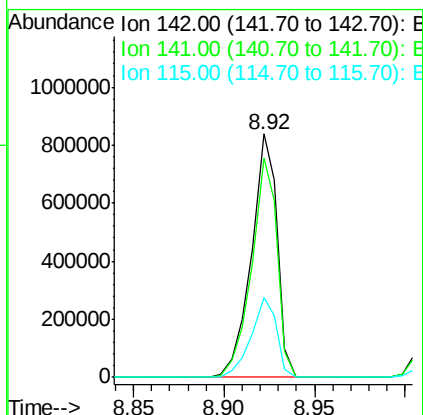
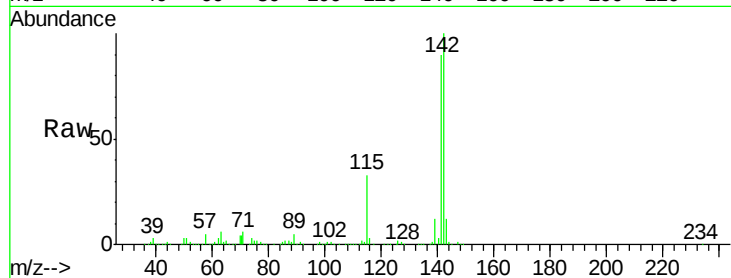




#37
2-Methylnaphthalene
Concen: 42.15 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

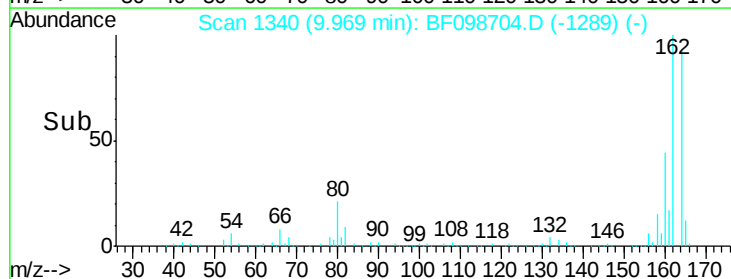
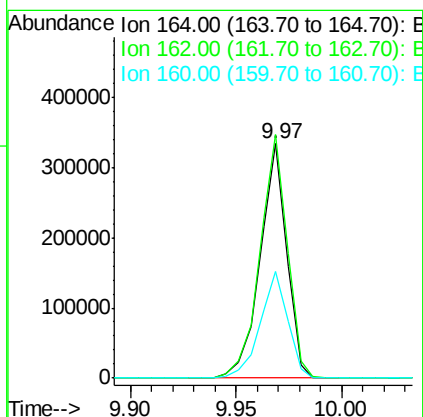
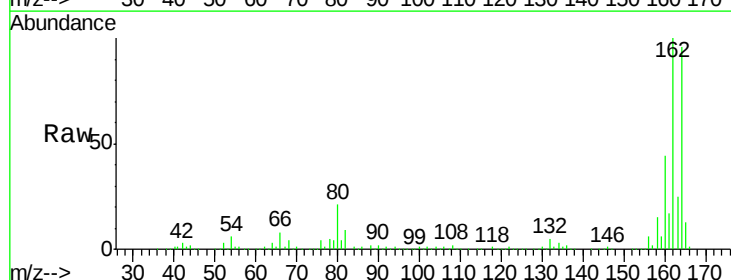
Instrument :
BNA_F
ClientSampled :
PB102532BS

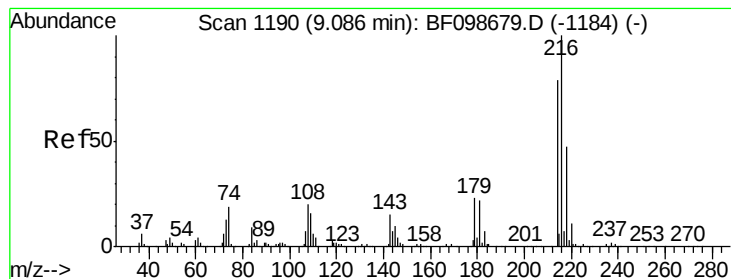
Tot Ion:142 Resp: 824432
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 32.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:164 Resp: 293018
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.16 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion:216 Resp: 304726

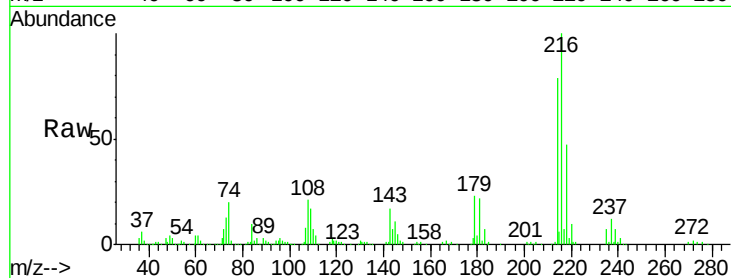
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.8 18.1 27.1

108 24.4 17.2 25.8

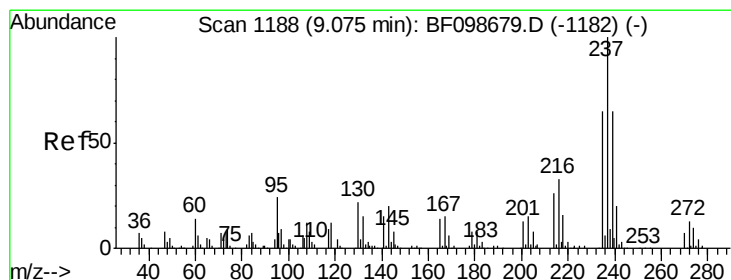
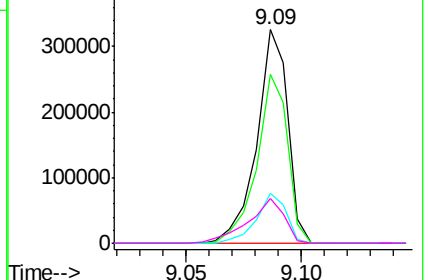
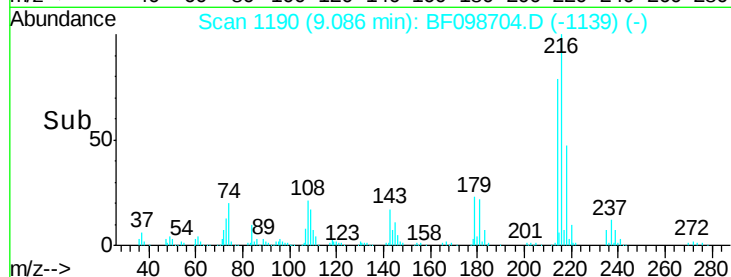


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.96 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

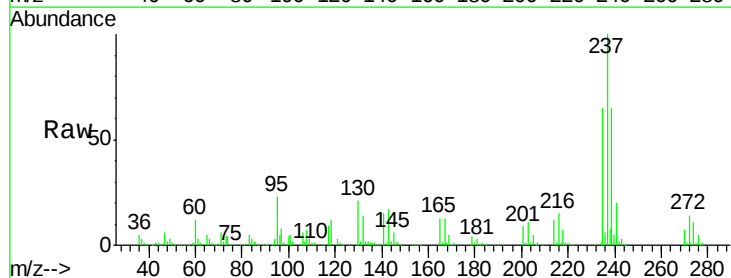
Tgt Ion:237 Resp: 383968

Ion Ratio Lower Upper

237 100

235 65.2 44.8 84.8

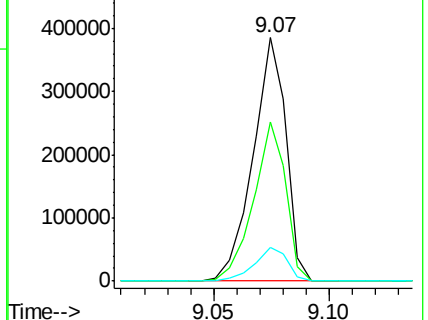
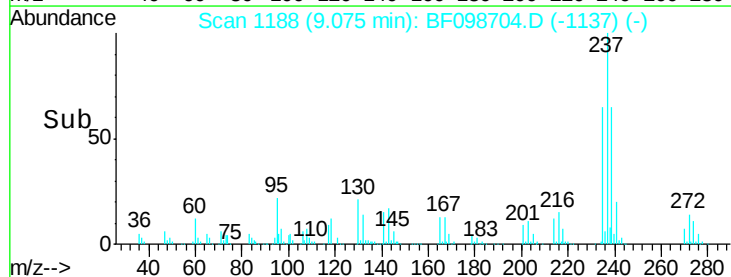
272 13.8 0.0 33.3

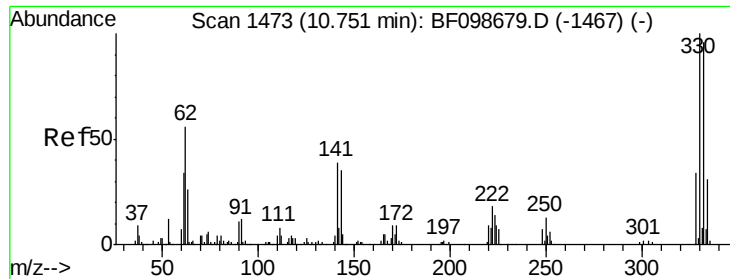


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

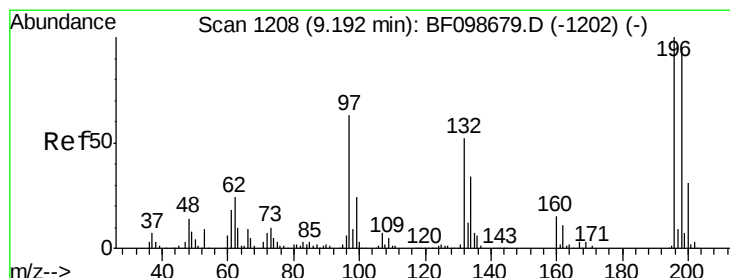
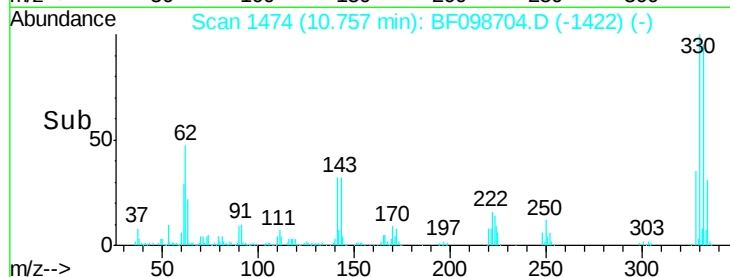
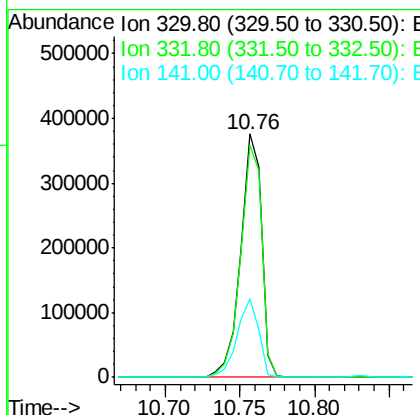
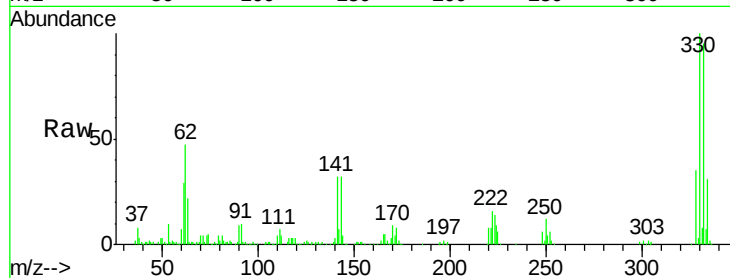




#41
 2,4,6-Tribromophenol
 Concen: 136.93 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

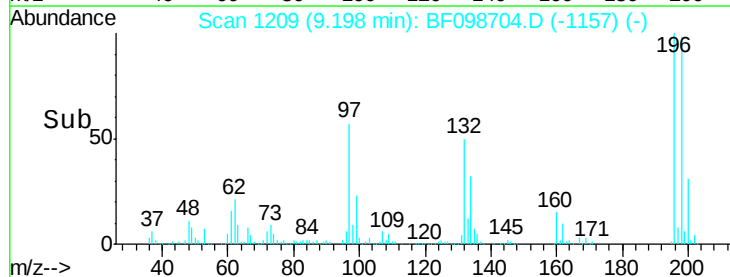
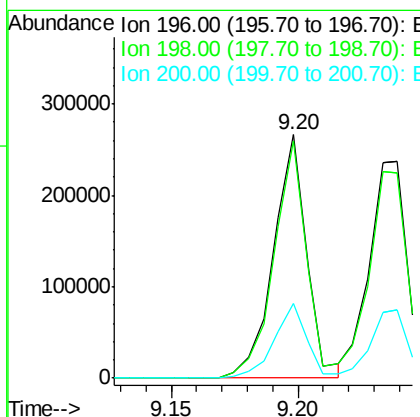
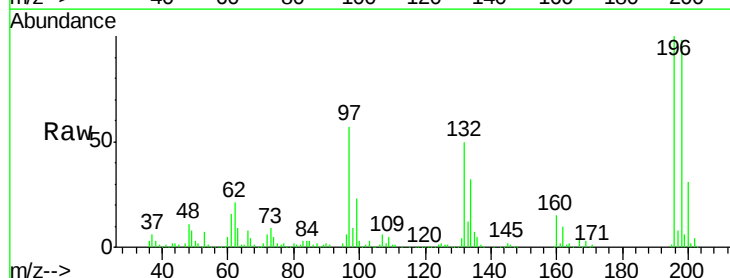
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

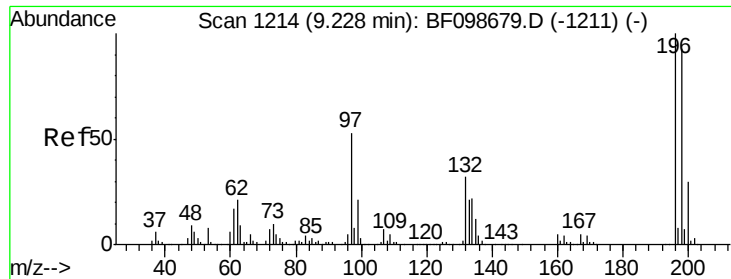
Tot Ion:330 Resp: 366927
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 33.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.29 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:196 Resp: 241154
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.7 113.5
 200 30.6 24.5 36.7

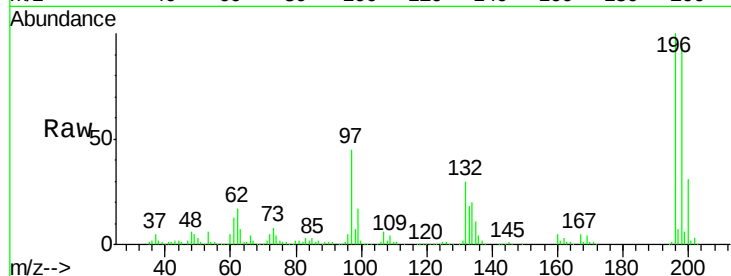




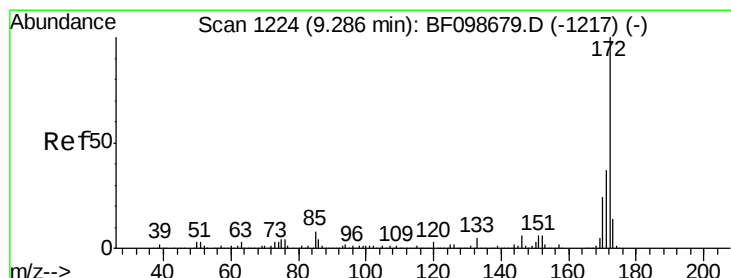
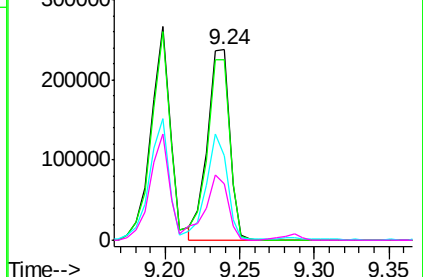
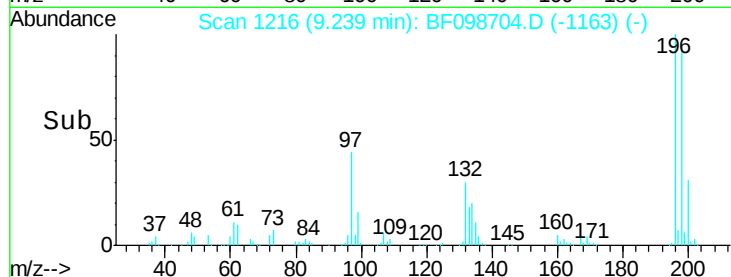
#43
 2,4,5-Trichlorophenol
 Concen: 41.20 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion:196	Resp:	246750
Ion Ratio	Lower	Upper
196	100	
198	94.4	74.6 112.0
97	44.7	42.9 64.3
132	29.6	26.3 39.5

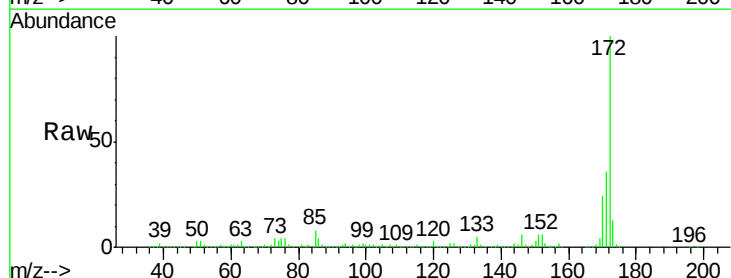


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

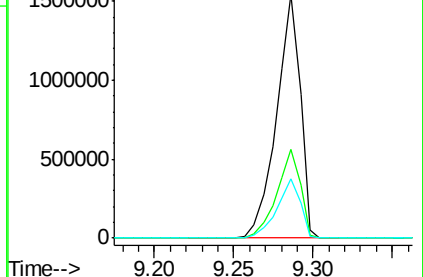
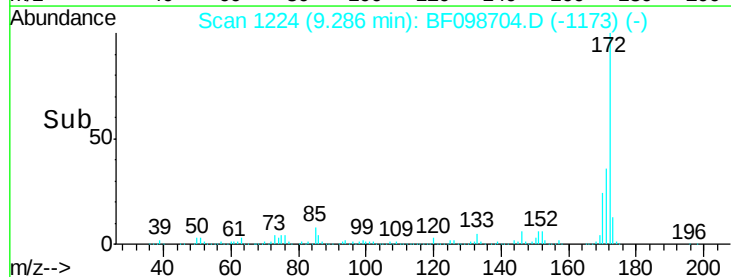


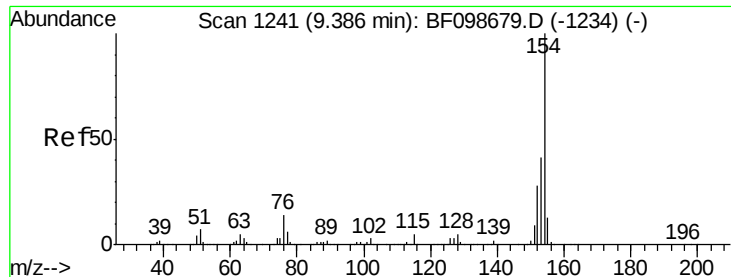
#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:172	Resp:	1595444
Ion Ratio	Lower	Upper
172	100	
171	36.3	29.7 44.5
170	24.4	19.6 29.4



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

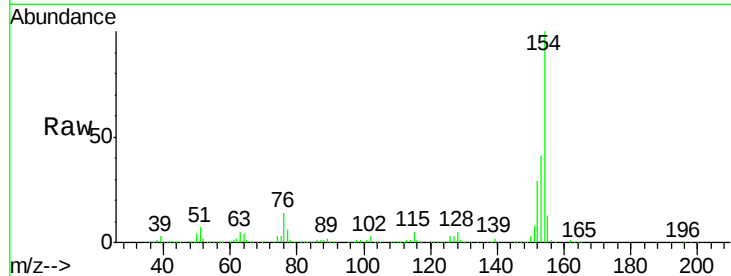




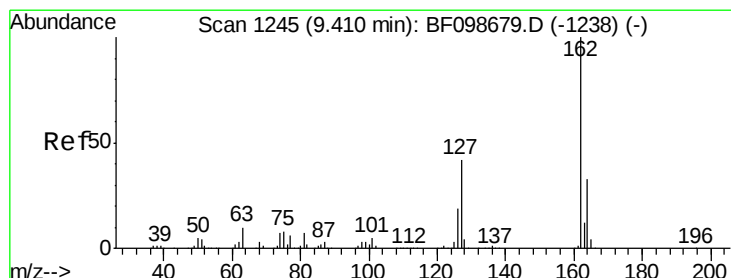
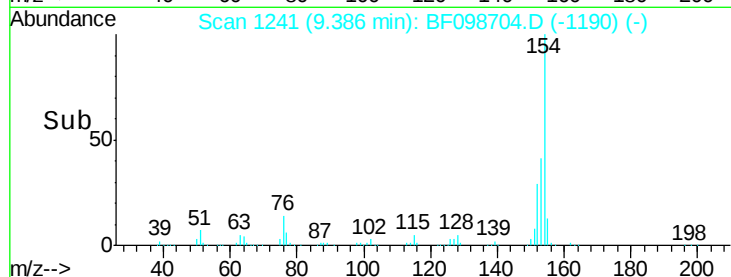
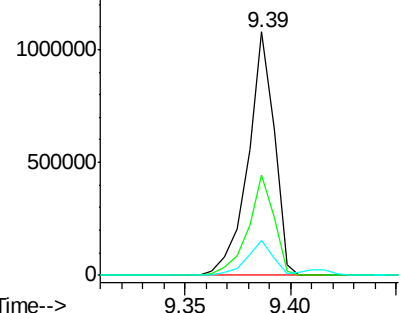
#45
 1,1'-Biphenyl
 Concen: 36.97 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion:	154	Resp:	930599
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	14.3	0.0	34.0

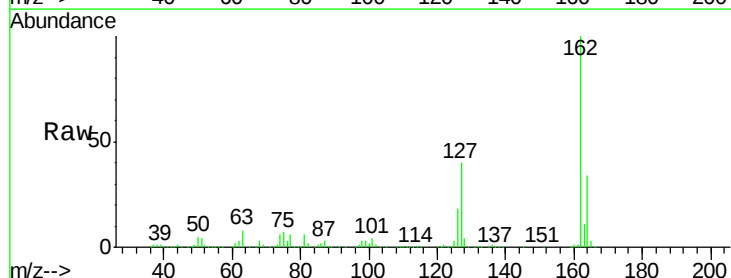


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

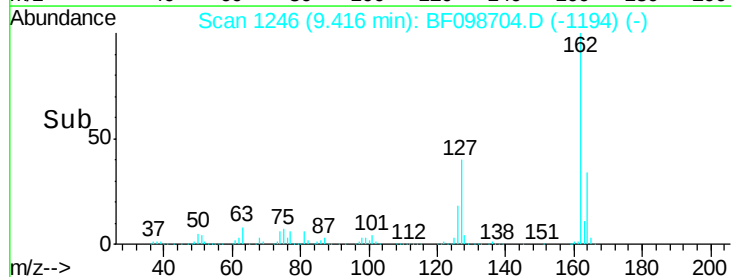
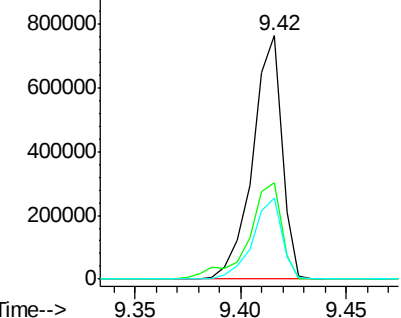


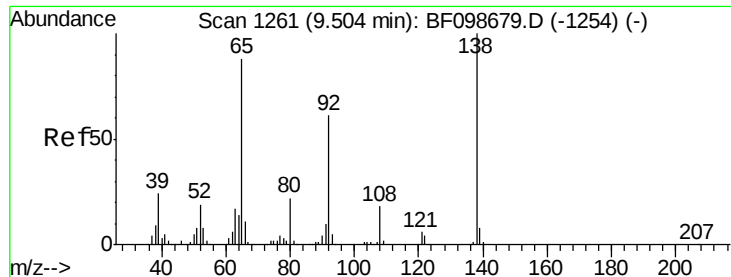
#46
 2-Chloronaphthalene
 Concen: 39.20 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:	162	Resp:	739929
Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	33.5	26.5	39.7



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

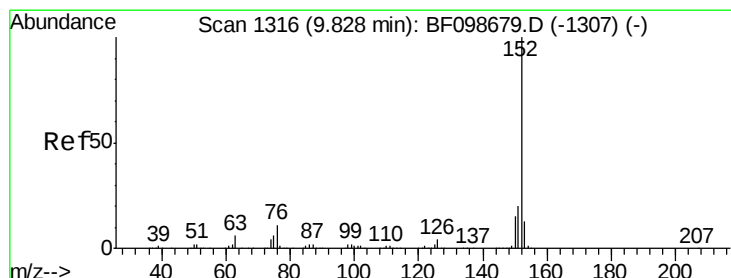
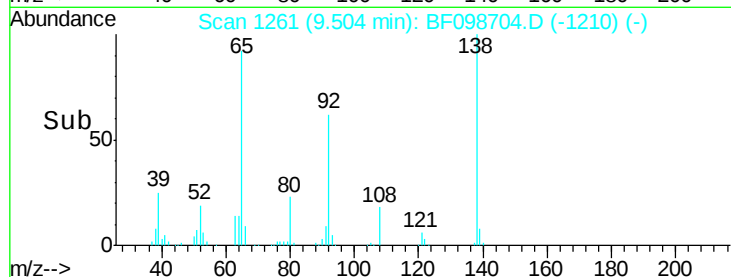
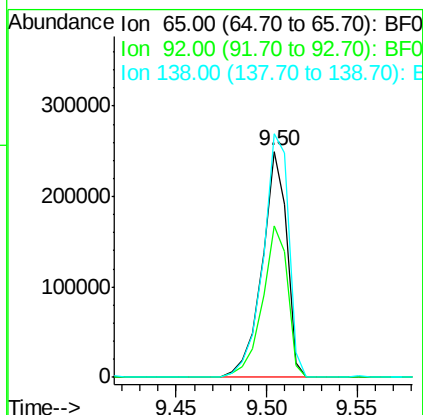
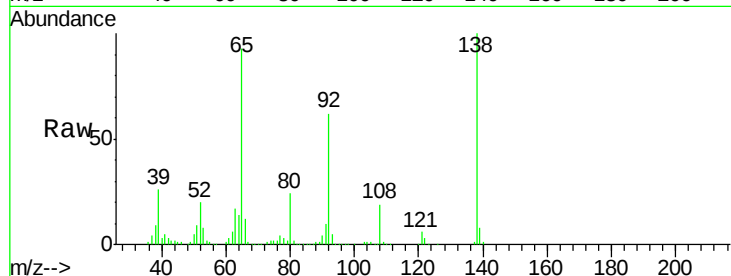




#47
2-Nitroaniline
Concen: 44.91 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

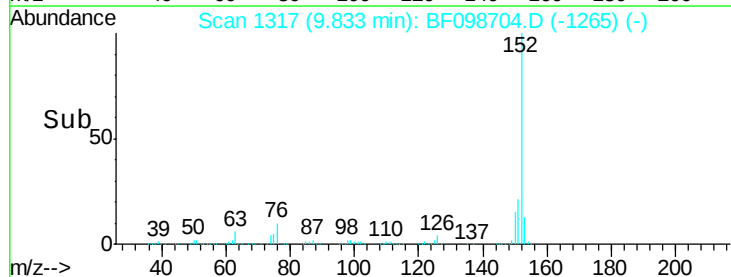
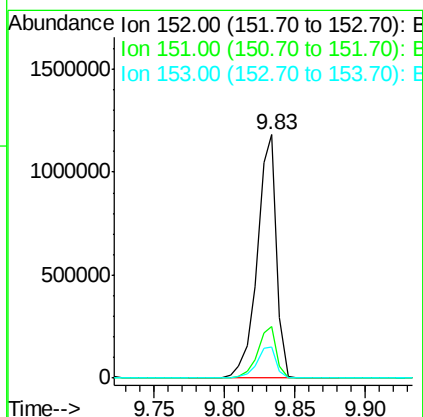
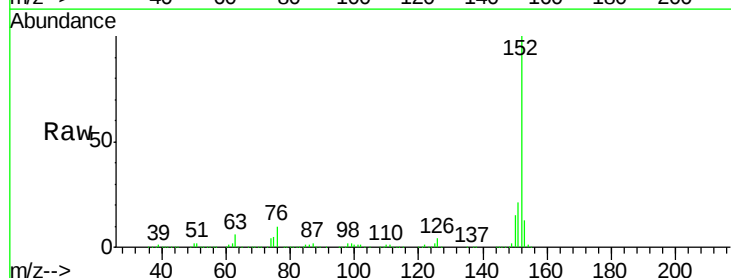
Instrument :
BNA_F
ClientSampleId :
PB102532BS

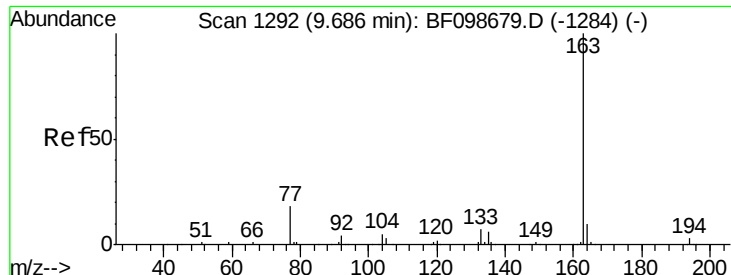
Tot Ion: 65 Resp: 238012
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 107.9 91.2 136.8



#48
Acenaphthylene
Concen: 38.97 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion: 152 Resp: 1131526
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.0 10.7 16.1

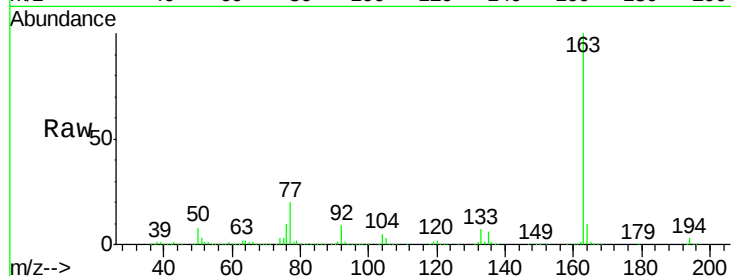




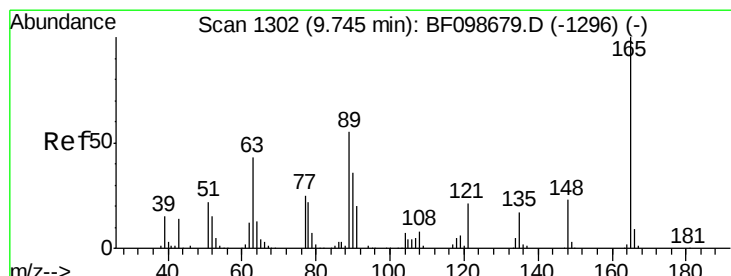
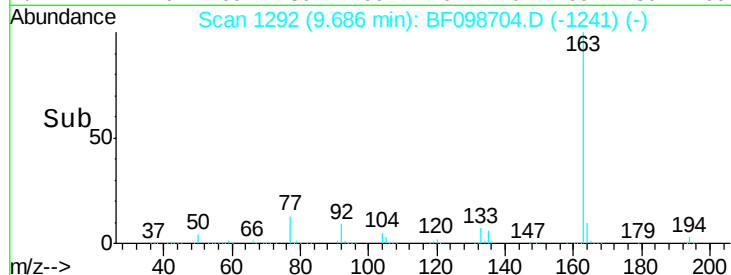
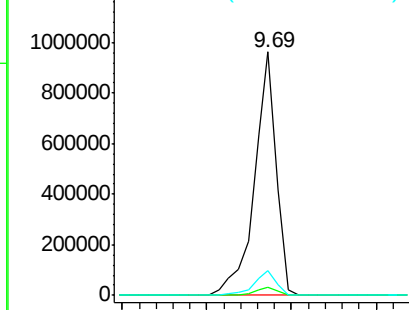
#49
Dimethylphthalate
Concen: 39.34 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion:163 Resp: 864529
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

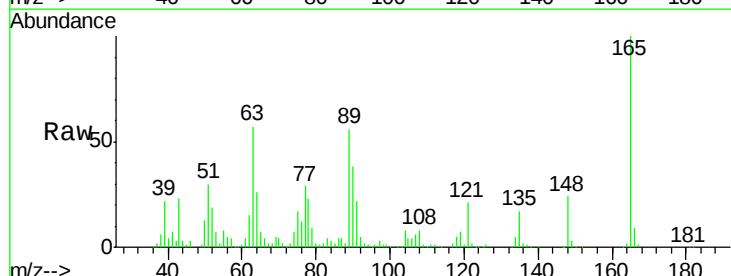


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

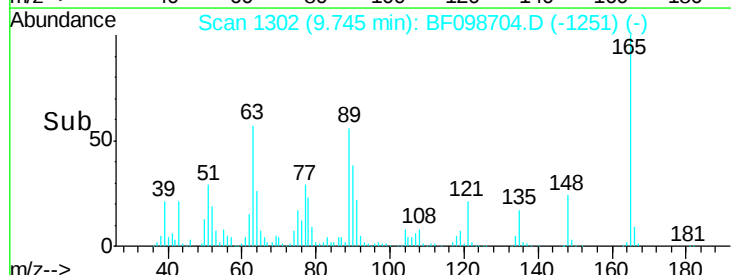
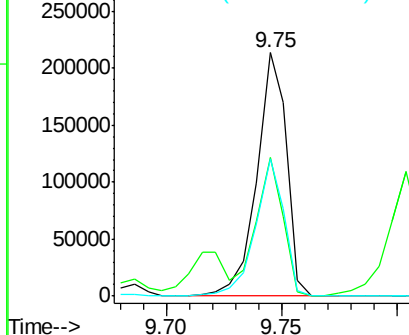


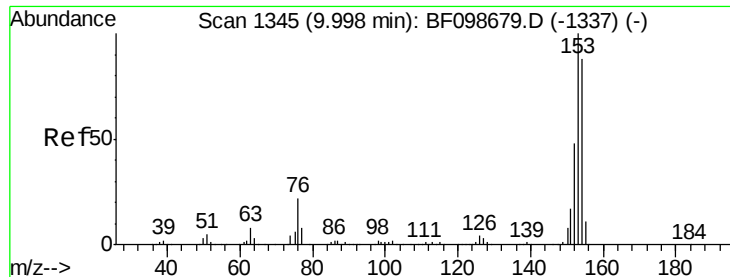
#50
2,6-Dinitrotoluene
Concen: 44.32 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:165 Resp: 192167
Ion Ratio Lower Upper
165 100
63 57.0 44.7 67.1
89 56.2 44.0 66.0



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





#51

Acenaphthene

Concen: 42.35 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

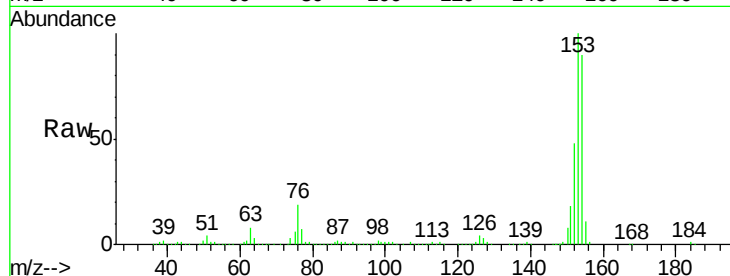
Tot Ion:154 Resp: 763261

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

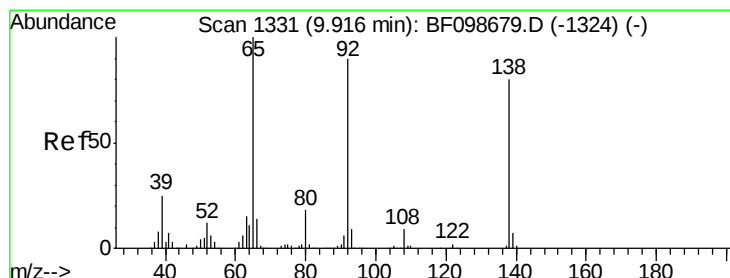
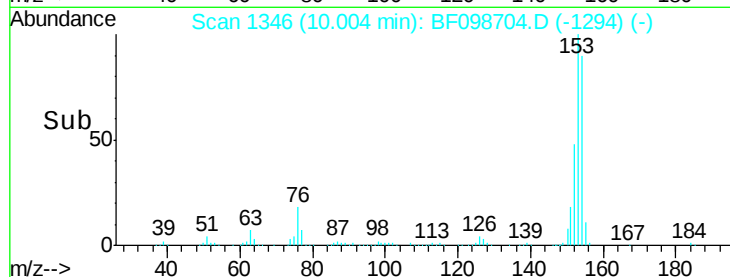
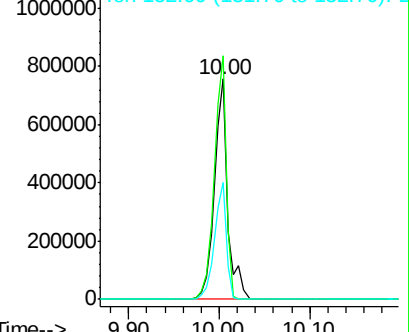
152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.57 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

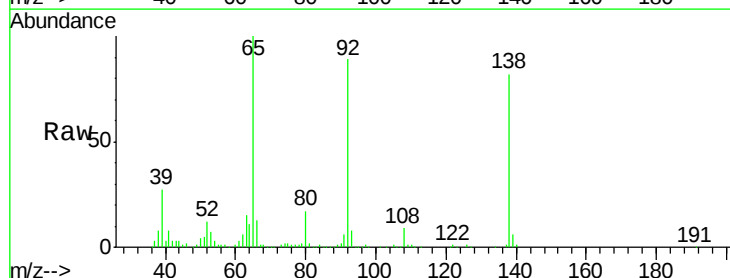
Tgt Ion:138 Resp: 163175

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

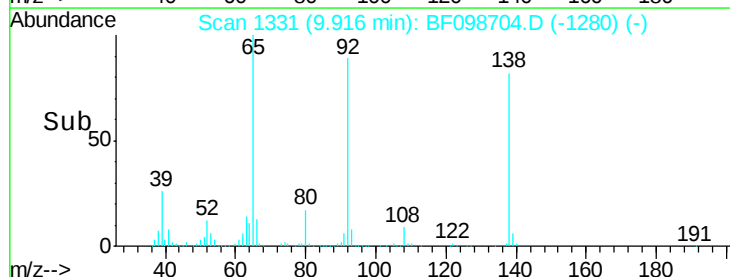
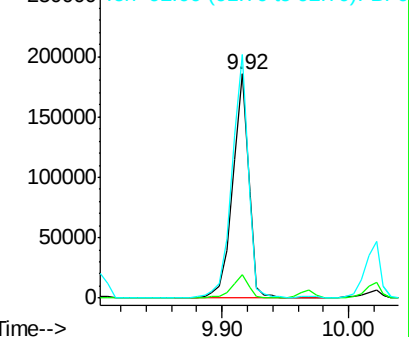
92 108.8 89.4 134.2

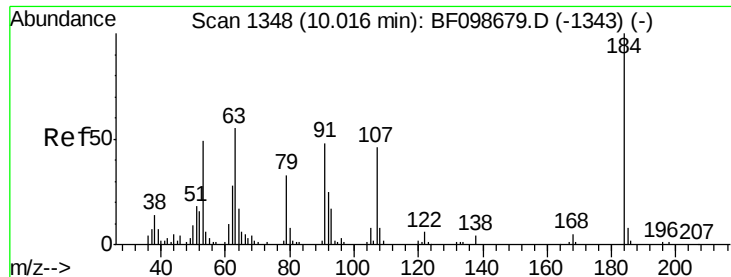


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

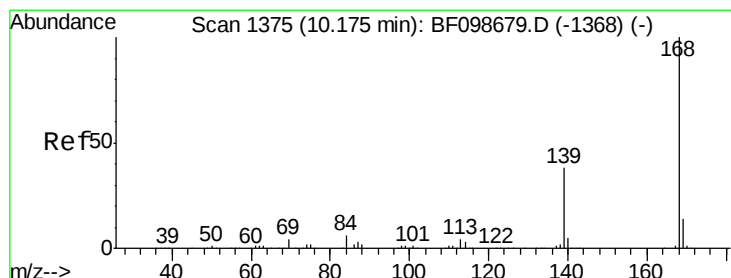
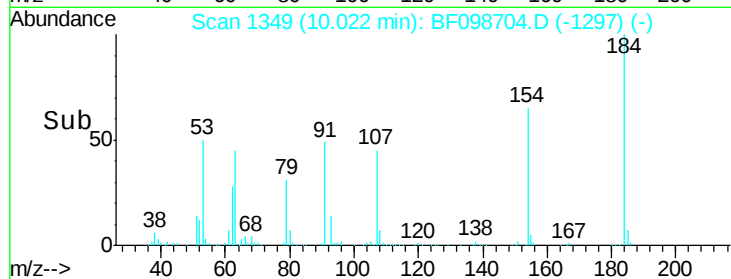
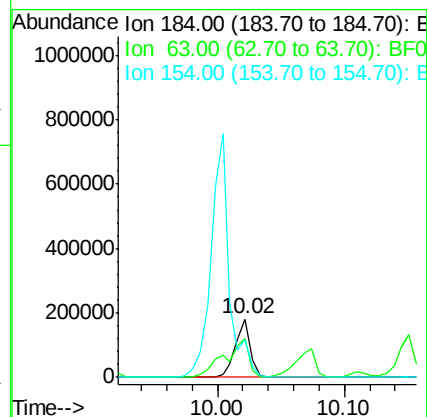
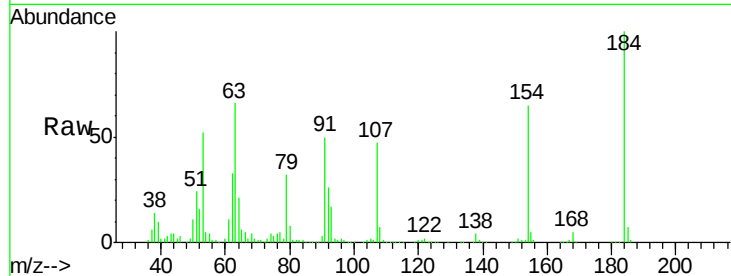




#53
2,4-Dinitrophenol
Concen: 77.64 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

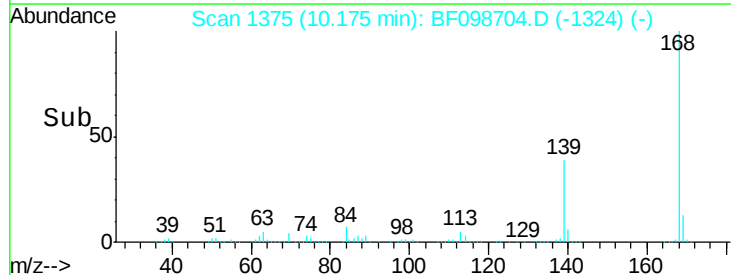
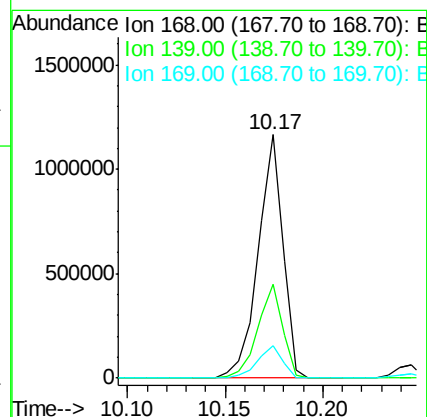
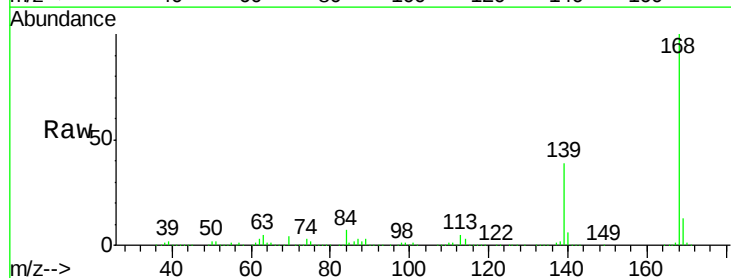
Instrument :
BNA_F
ClientSampleId :
PB102532BS

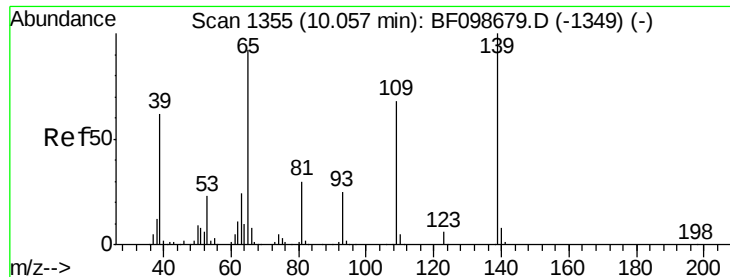
Tot Ion:184 Resp: 146163
Ion Ratio Lower Upper
184 100
63 66.1 54.2 81.2
154 65.0 53.5 80.3



#54
Dibenzofuran
Concen: 41.57 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:168 Resp: 1023100
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 83.19 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

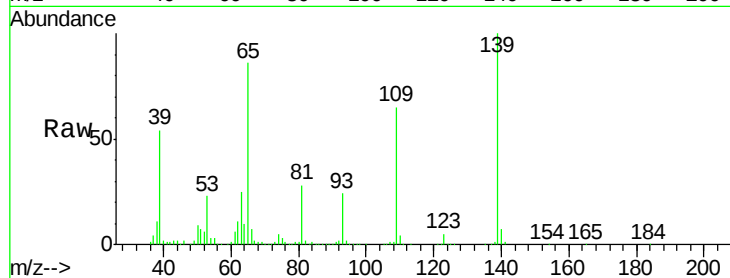
Tot Ion:139 Resp: 374189

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

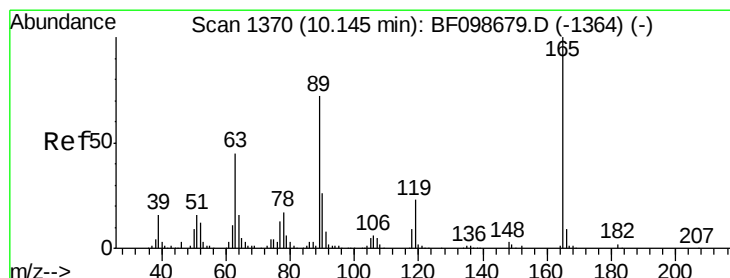
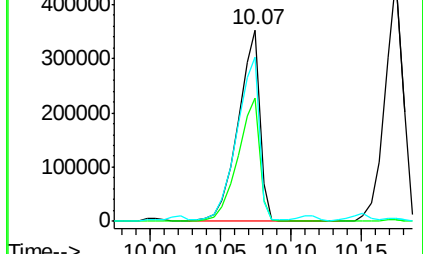
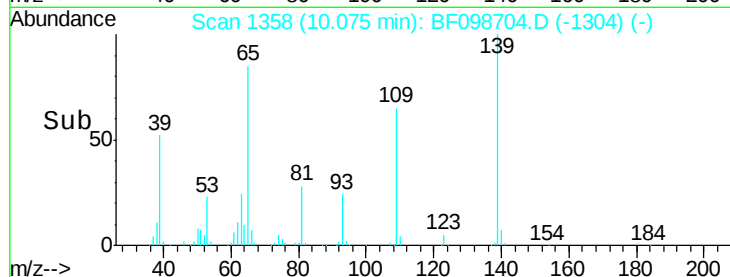
65 85.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 45.36 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:165 Resp: 264250

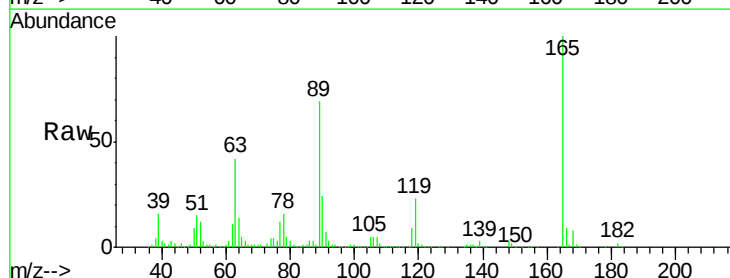
Ion Ratio Lower Upper

165 100

63 42.2 36.4 54.6

89 68.7 57.8 86.6

182 2.2 1.6 2.4

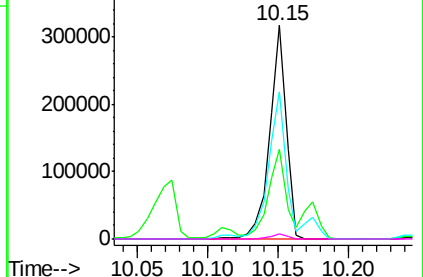
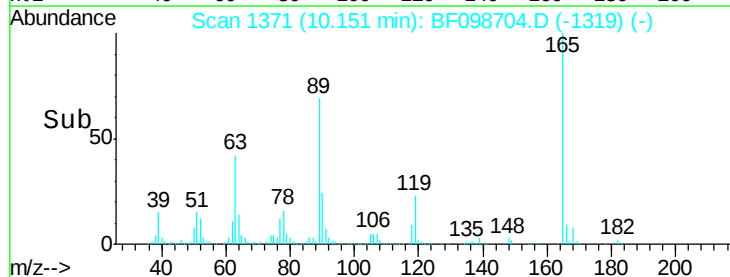


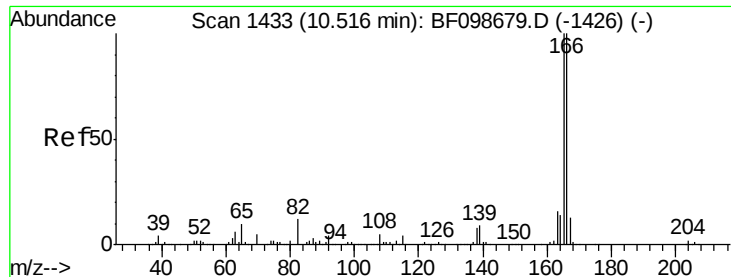
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.66 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

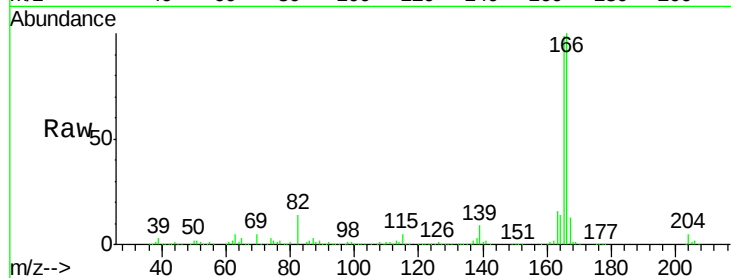
Tot Ion:166 Resp: 784384

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

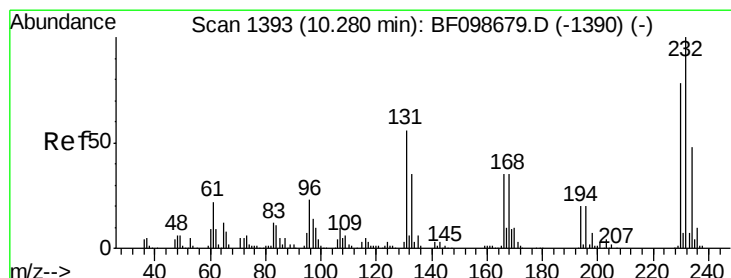
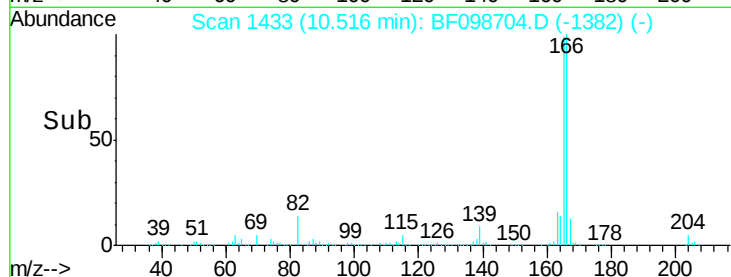
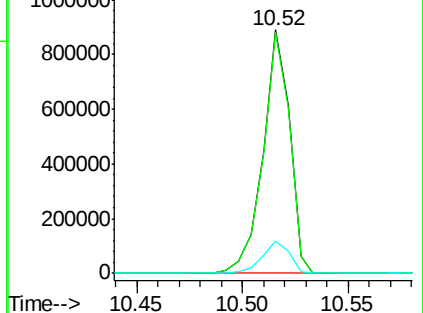
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.46 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:232 Resp: 197957

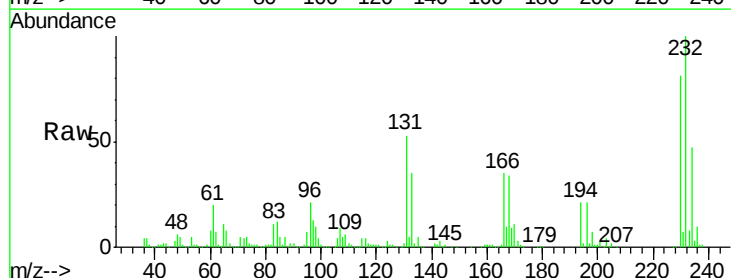
Ion Ratio Lower Upper

232 100

131 53.4 43.8 65.8

130 2.6 2.1 3.1

166 35.0 27.8 41.6

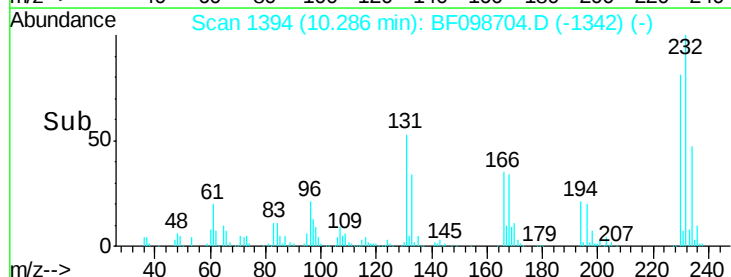
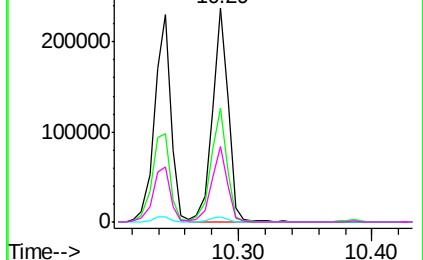


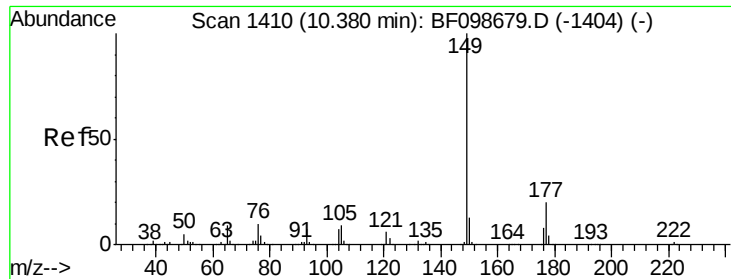
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

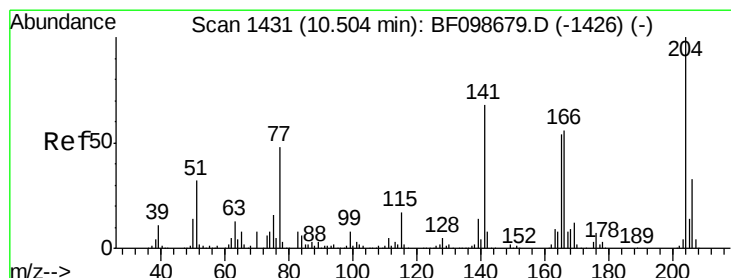
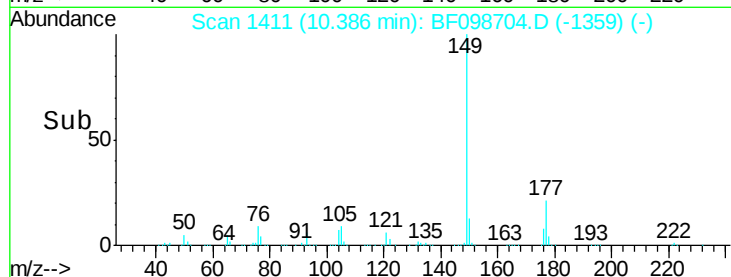
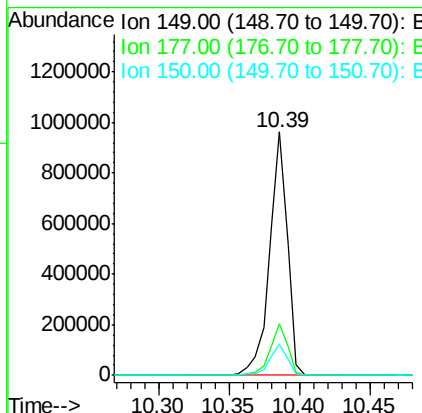
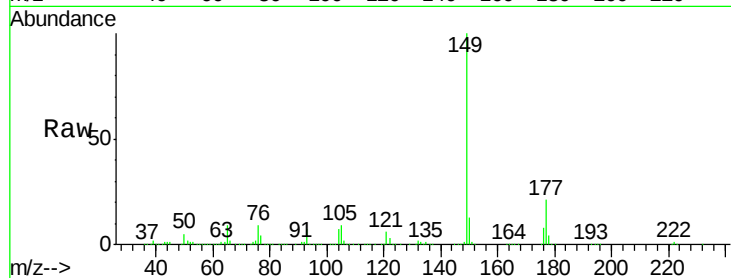




#59
Diethylphthalate
Concen: 39.74 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

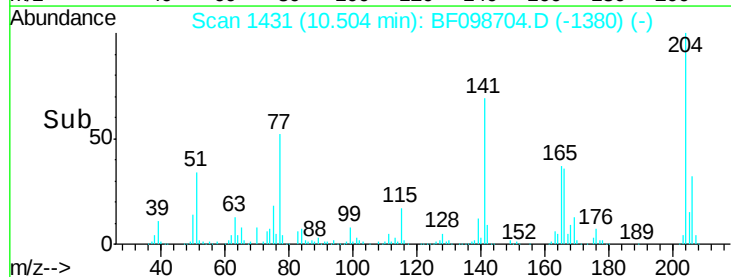
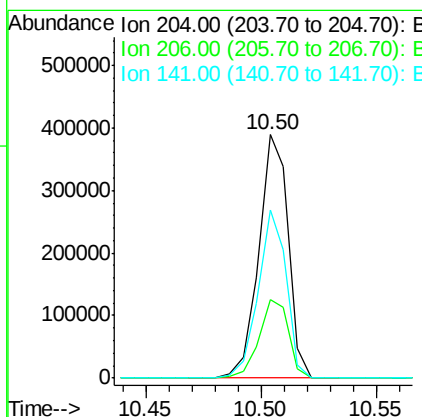
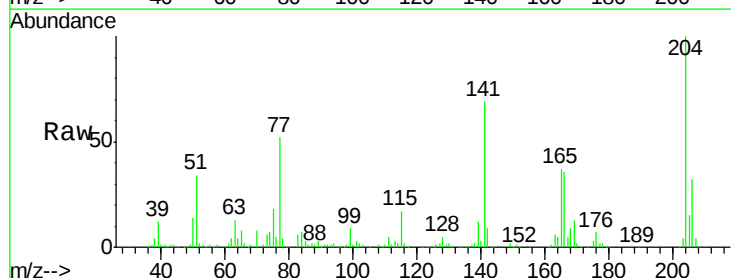
Instrument :
BNA_F
ClientSampleId :
PB102532BS

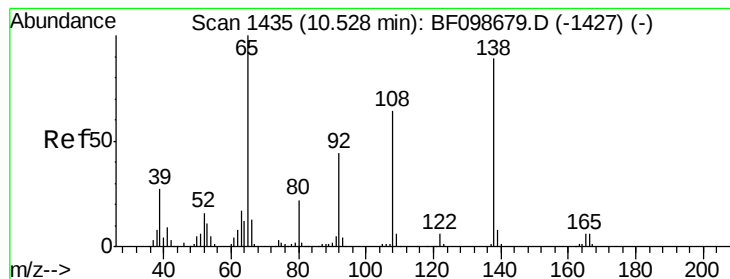
Tot Ion:149 Resp: 855646
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.86 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:204 Resp: 345416
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 69.2 54.6 81.8





#61

4-Nitroaniline

Concen: 44.88 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

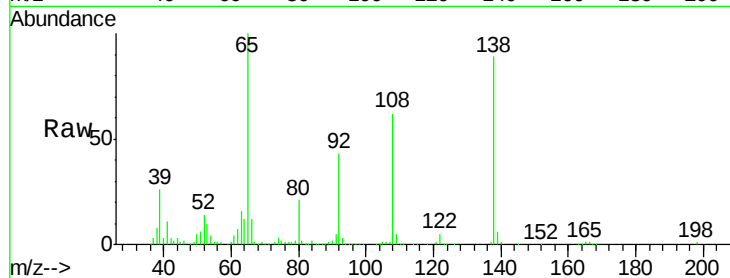
Tot Ion:138 Resp: 222509

Ion Ratio Lower Upper

138 100

92 48.4 30.2 70.2

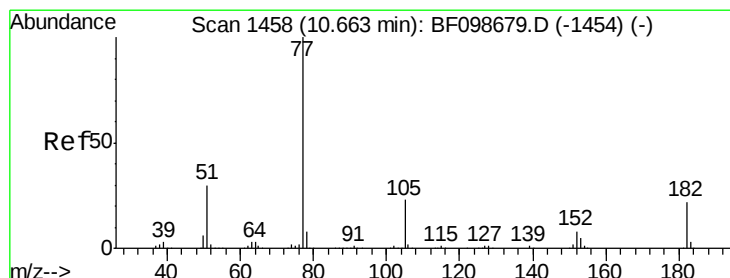
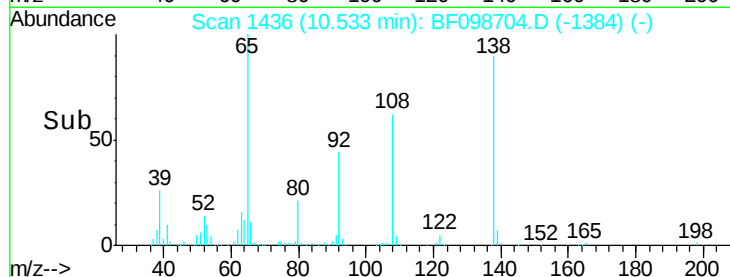
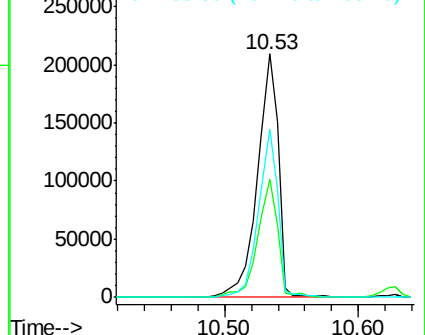
108 69.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.75 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion: 77 Resp: 840837

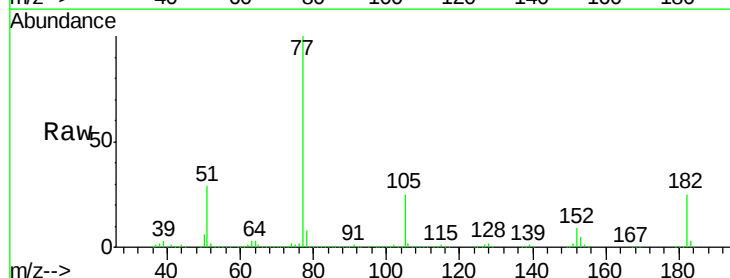
Ion Ratio Lower Upper

77 100

182 24.5 1.7 41.7

105 24.7 3.0 43.0

51 28.6 9.9 49.9

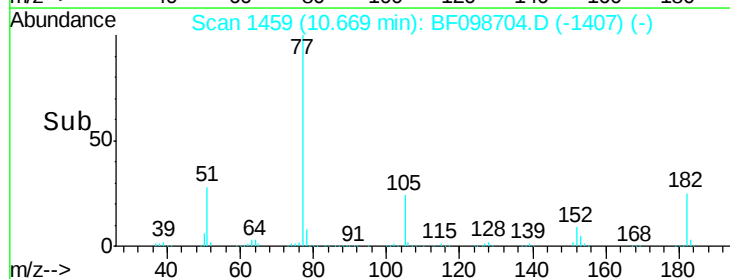
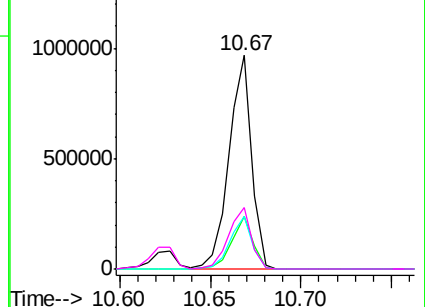


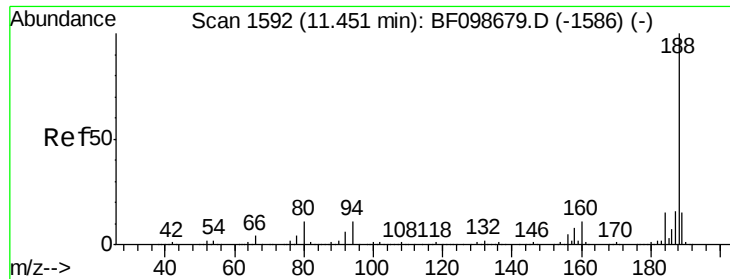
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

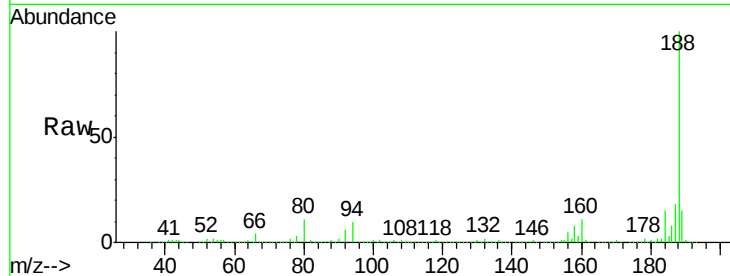




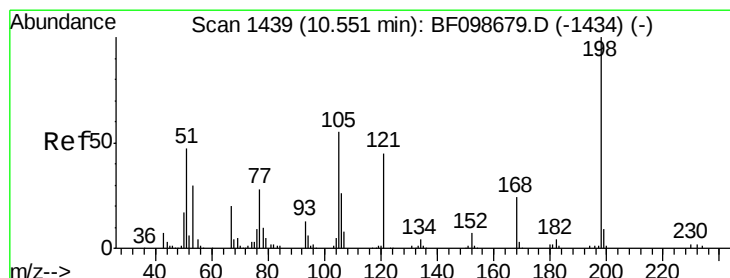
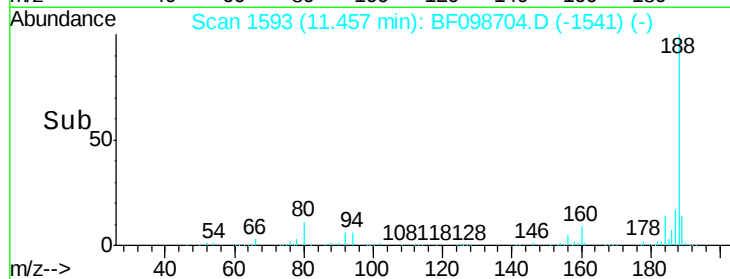
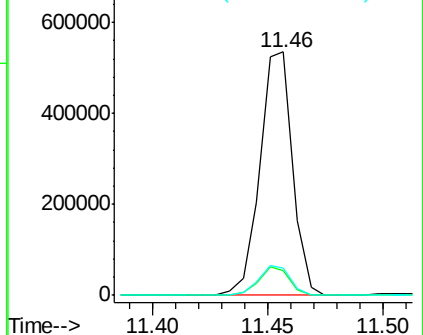
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion:188 Resp: 526201
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 9.2 13.8

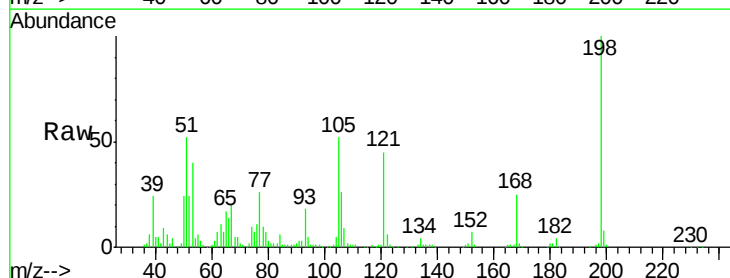


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

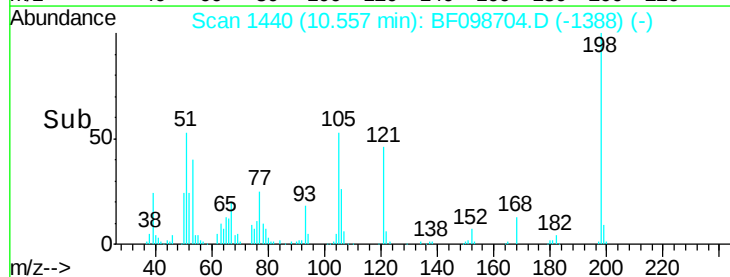
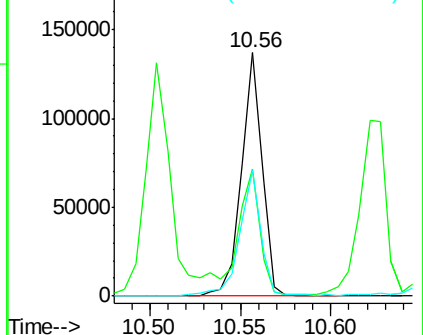


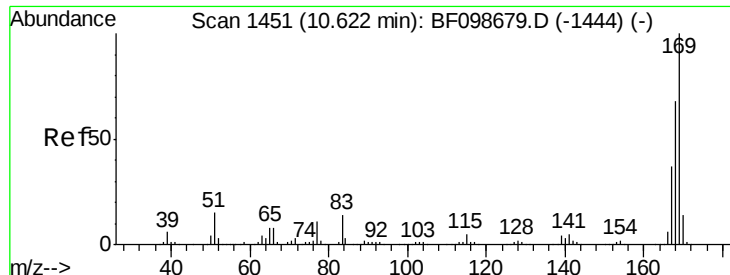
#64
4,6-Dinitro-2-methylphenol
Concen: 42.53 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:198 Resp: 108312
Ion Ratio Lower Upper
198 100
51 52.3 37.7 77.7
105 51.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

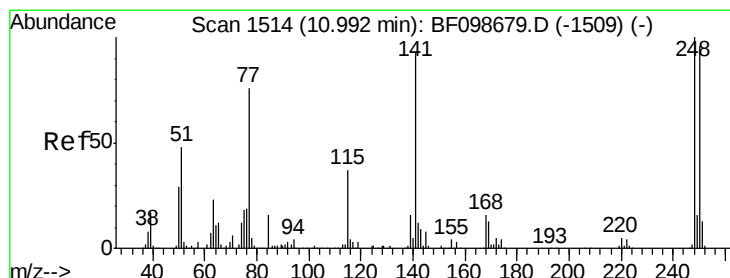
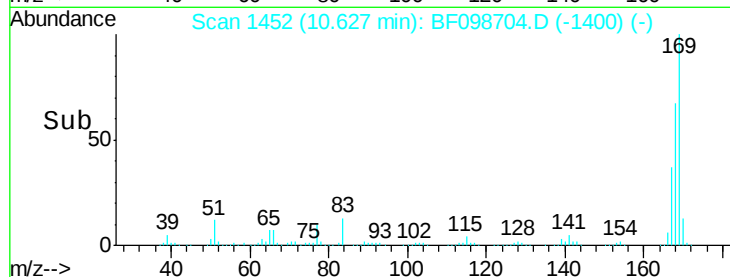
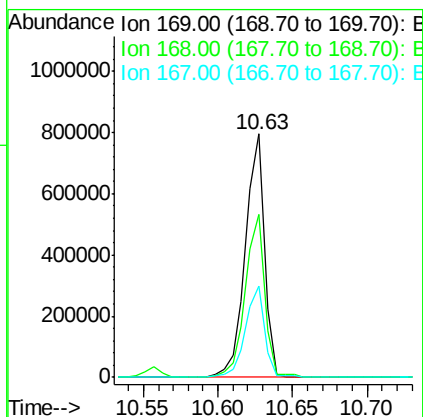
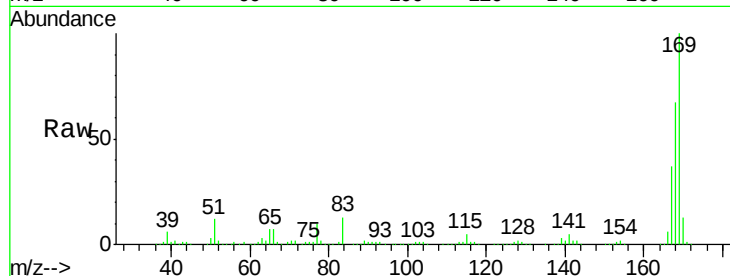




#65
n-Nitrosodiphenylamine
Concen: 39.14 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

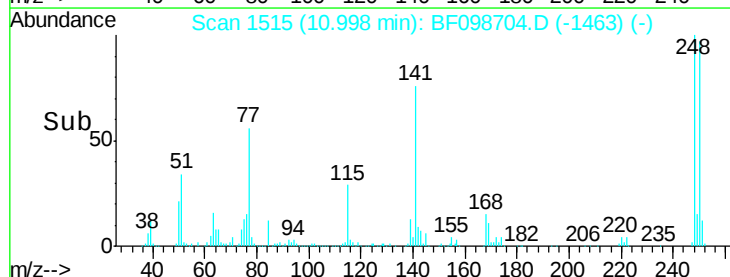
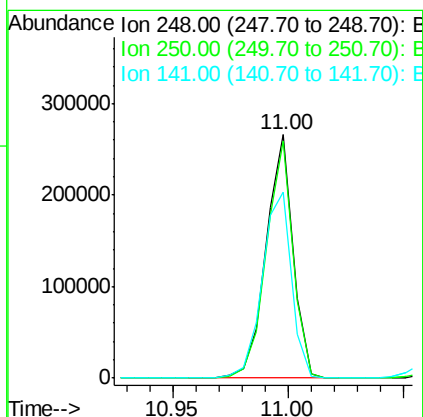
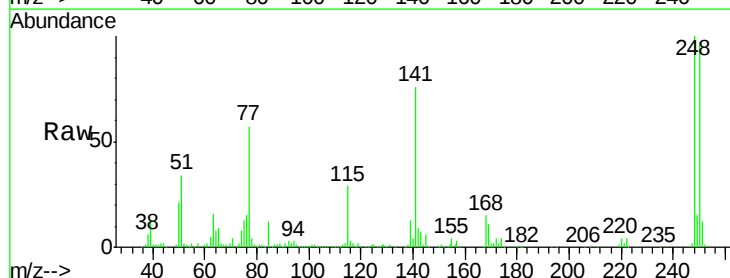
Instrument :
BNA_F
ClientSampleId :
PB102532BS

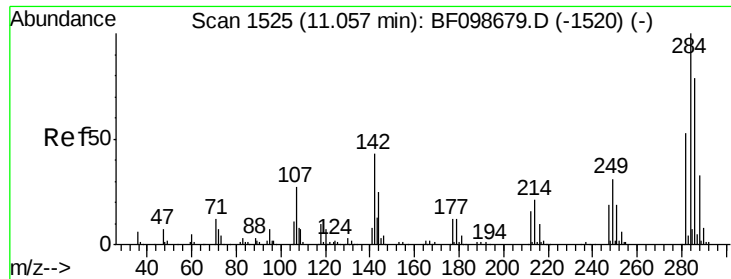
Tot Ion:169 Resp: 708901
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.59 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:248 Resp: 215673
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 76.3 74.4 111.6

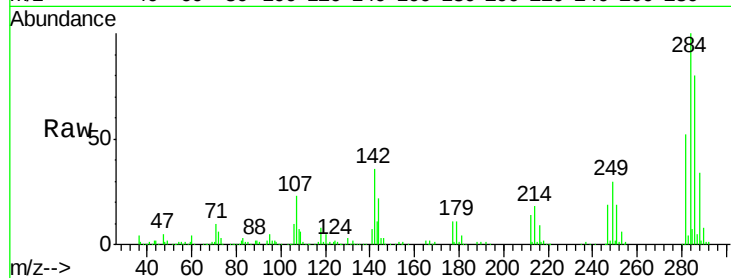




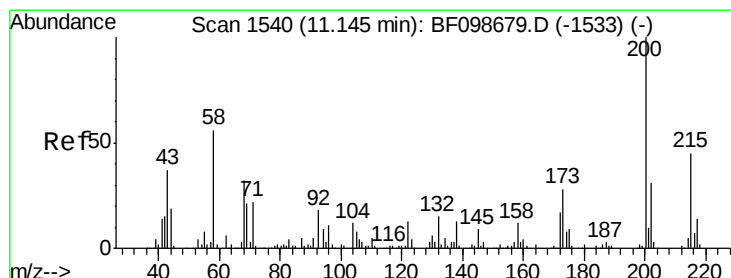
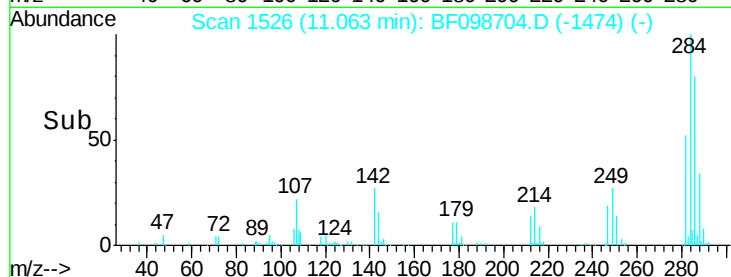
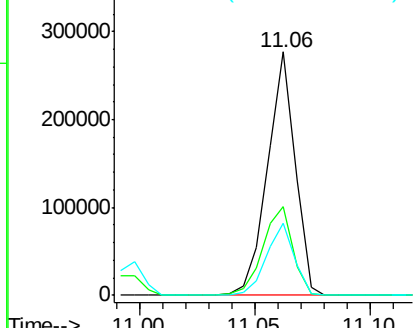
#67
Hexachlorobenzene
Concen: 38.13 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	34.6	52.0
249	29.5	24.8	37.2

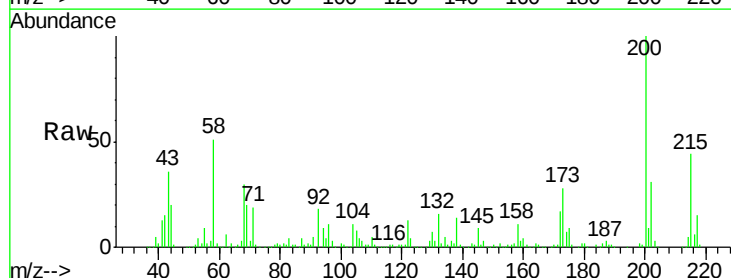


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

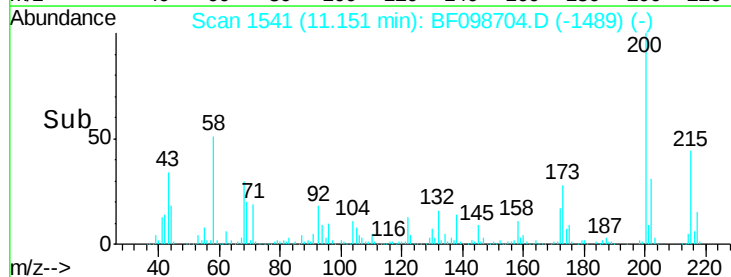
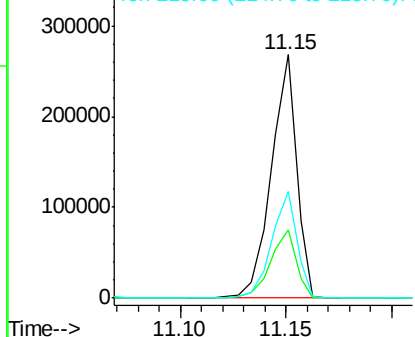


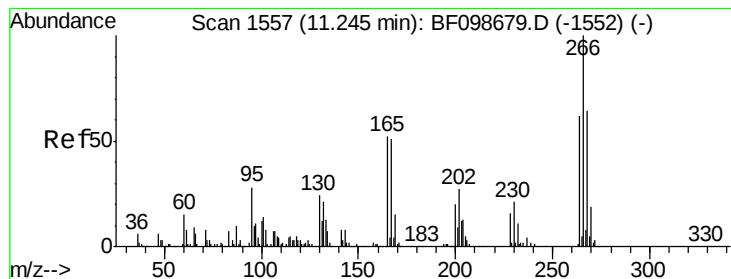
#68
Atrazine
Concen: 41.02 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	44.0	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.08 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

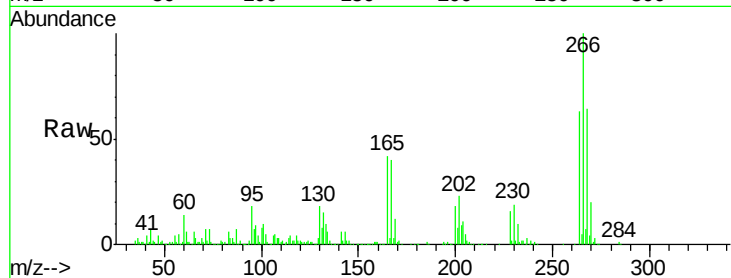
Tot Ion:266 Resp: 277099

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

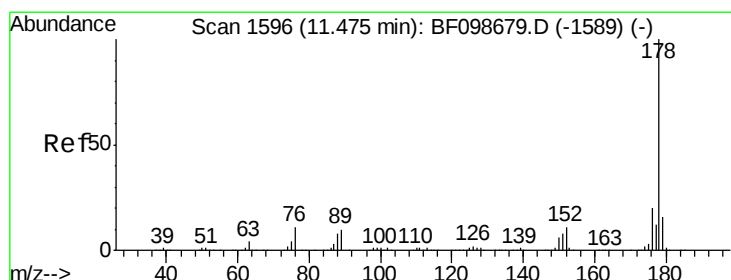
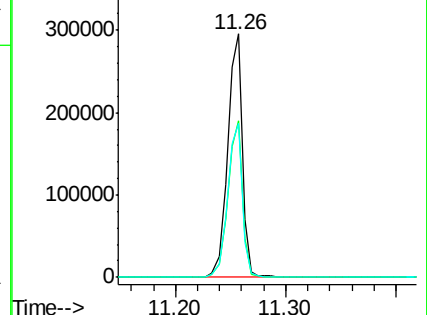
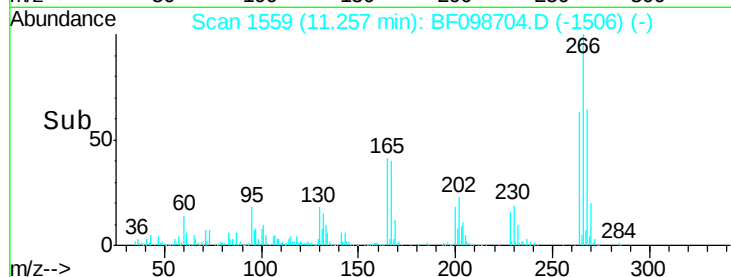
264 63.3 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.81 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

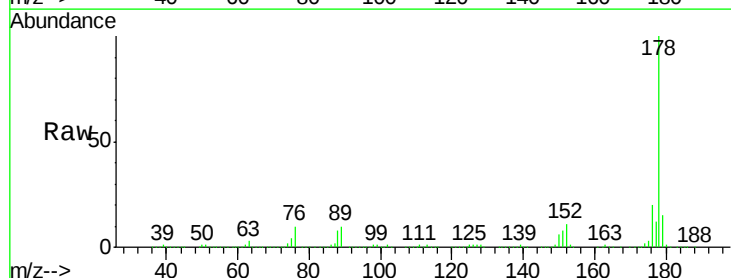
Tgt Ion:178 Resp: 1136487

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

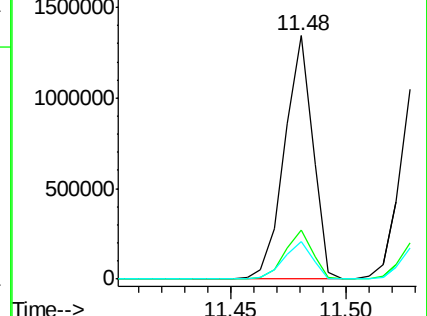
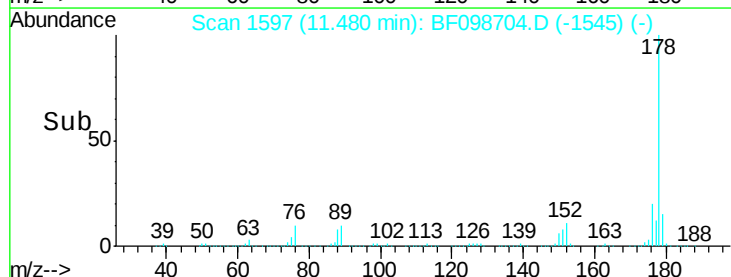
179 15.5 13.0 19.6

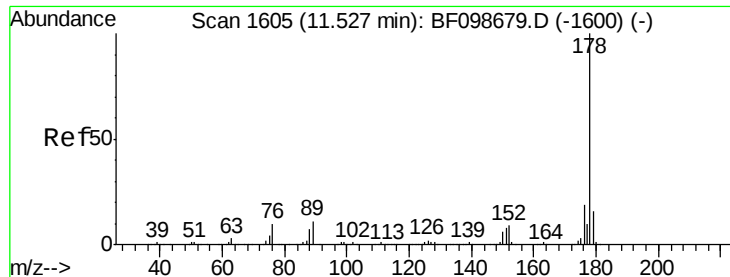


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

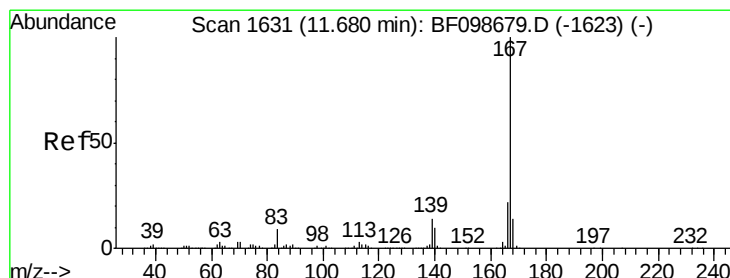
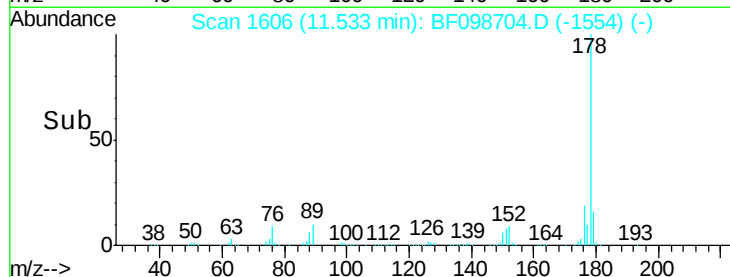
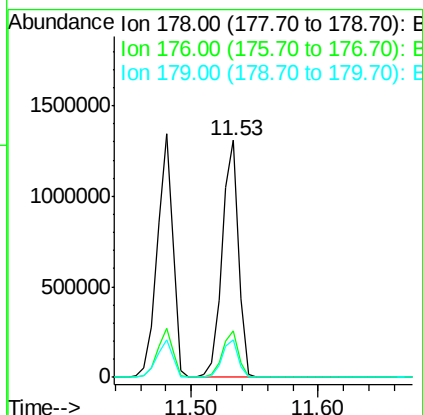
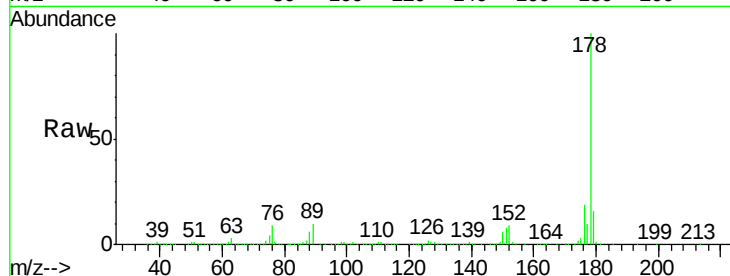




#71
 Anthracene
 Concen: 40.59 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

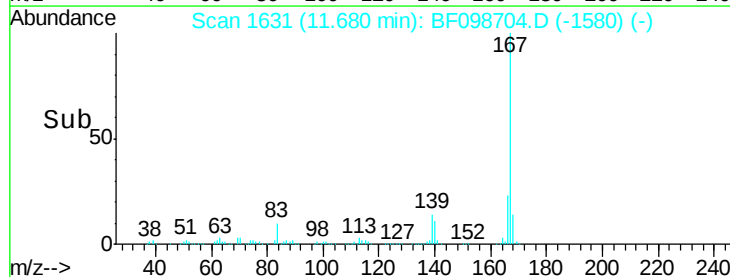
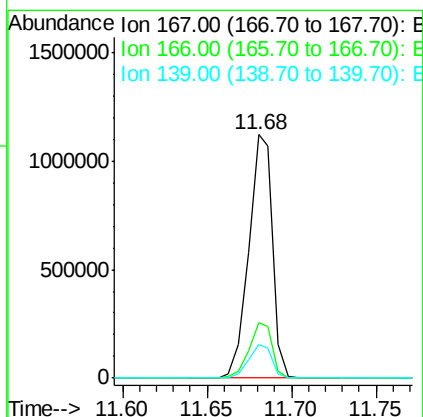
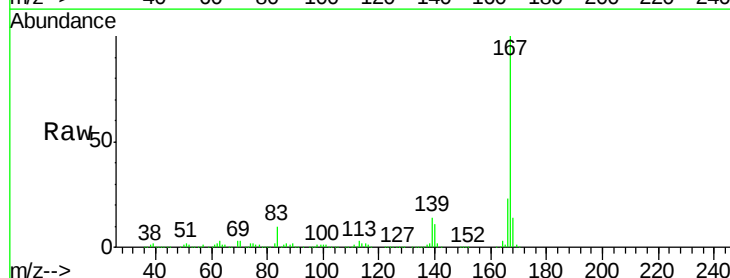
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

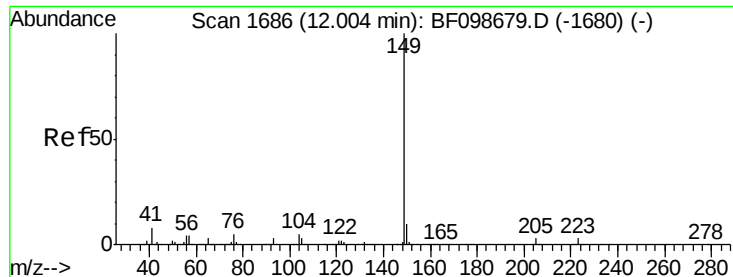
Tot Ion:178 Resp: 1181318
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.79 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:167 Resp: 1103196
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3

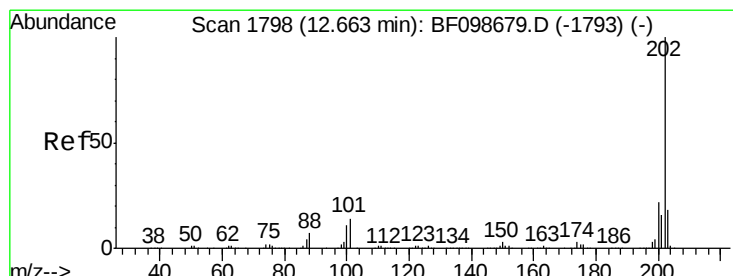
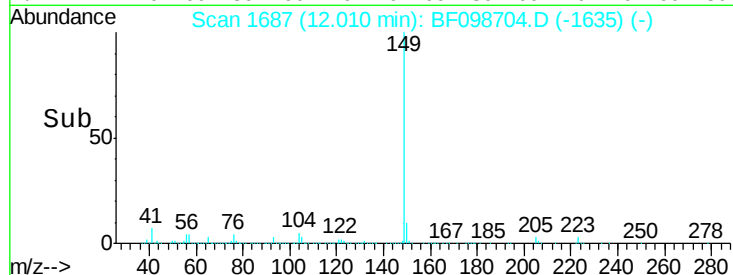
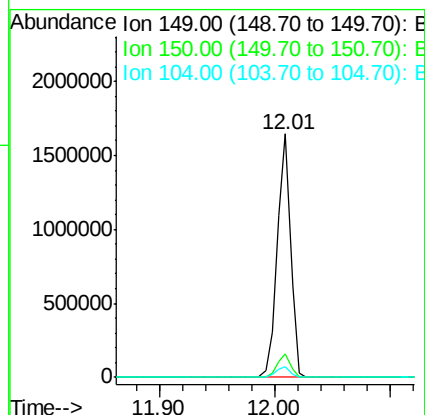
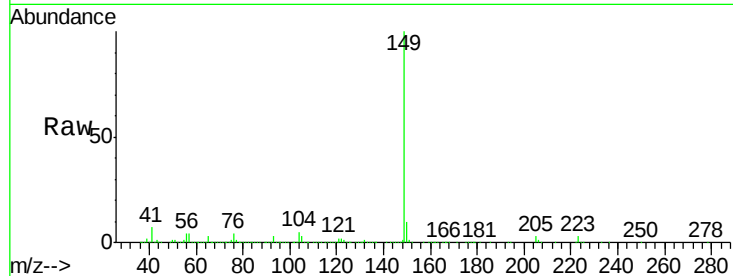




#73
Di-n-butylphthalate
Concen: 40.15 ng
RT: 12.01 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

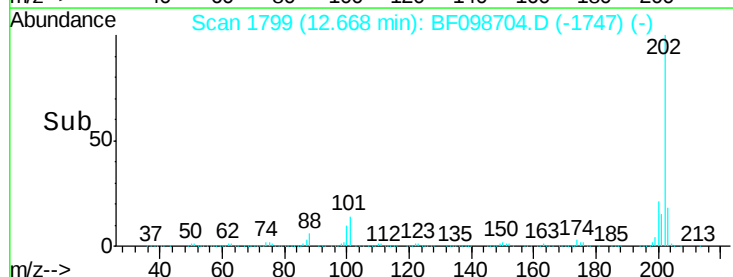
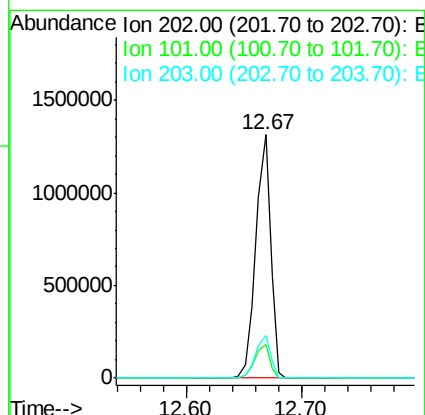
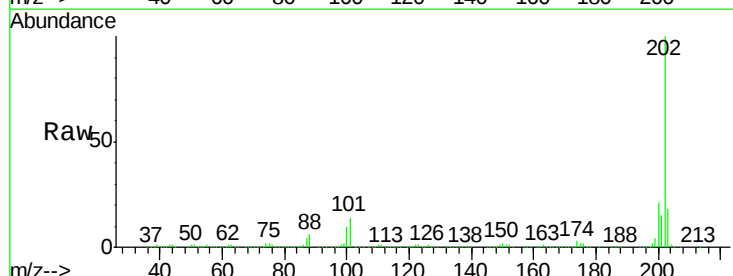
Instrument :
BNA_F
ClientSampleId :
PB102532BS

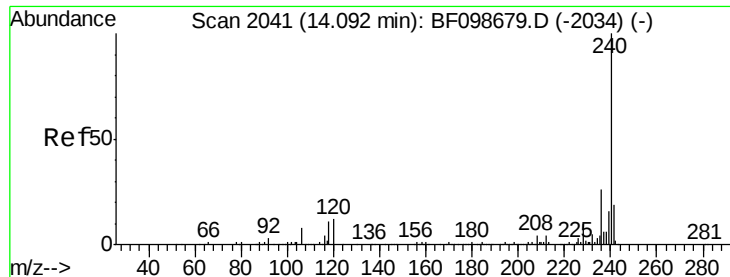
Tot Ion:149 Resp: 1326442
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 41.47 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:202 Resp: 1179742
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

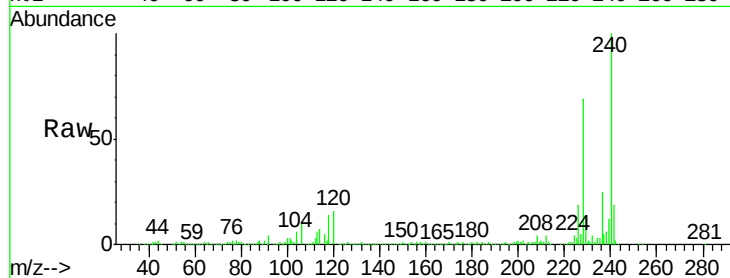
Tot Ion:240 Resp: 419491

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

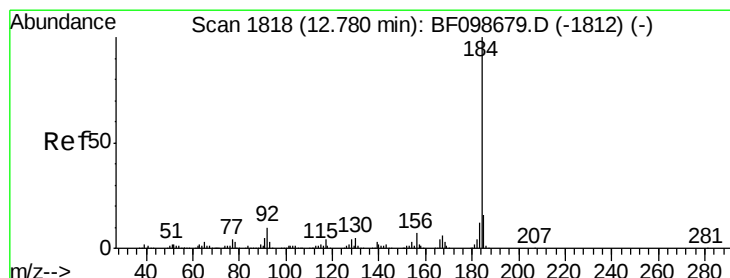
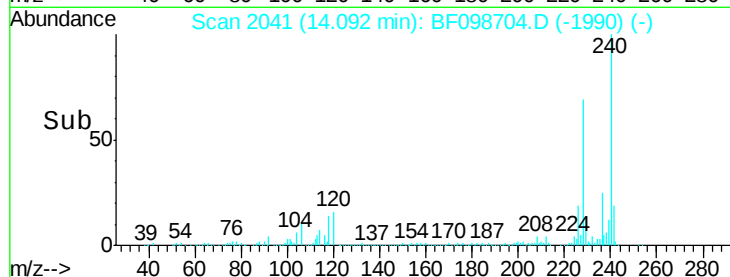
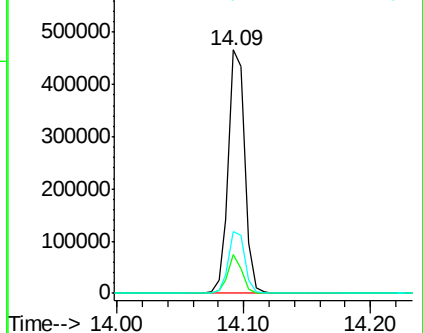
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.52 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

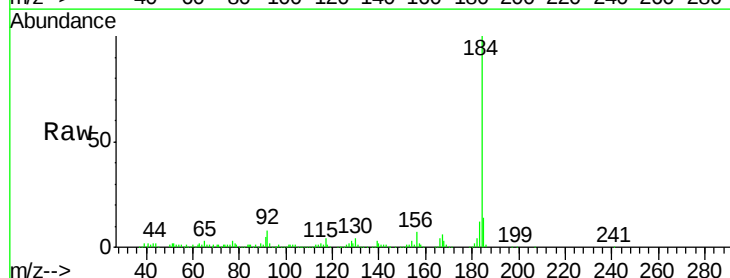
Tgt Ion:184 Resp: 349603

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

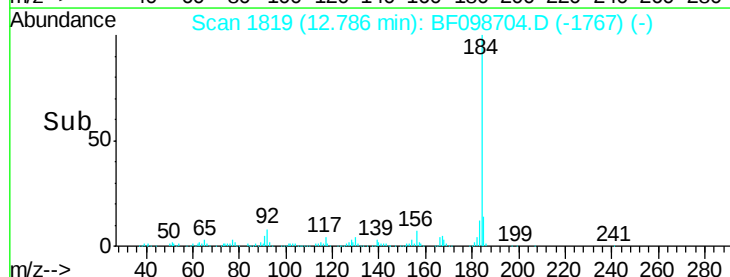
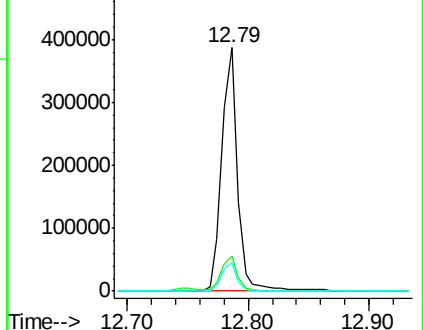
183 11.6 9.3 13.9

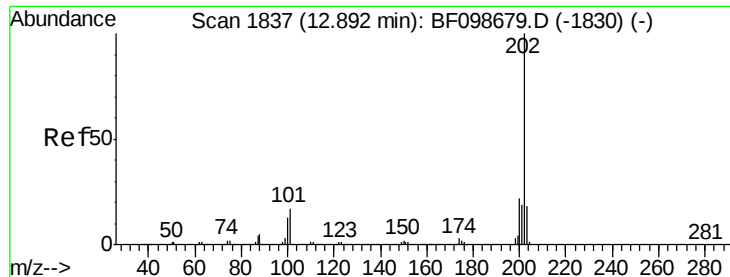


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

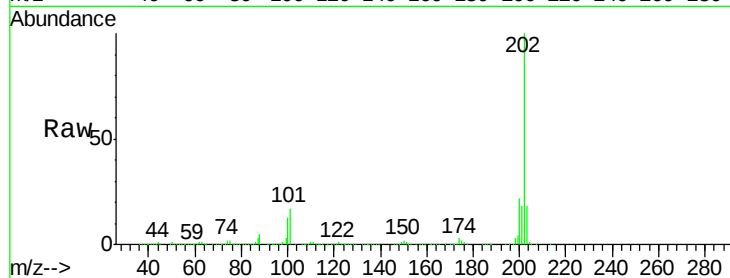




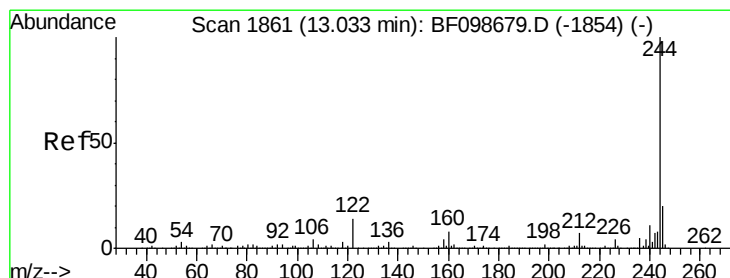
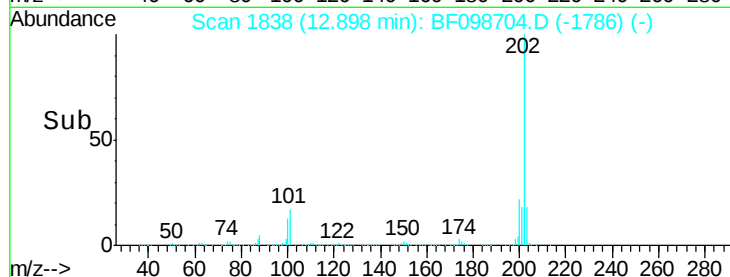
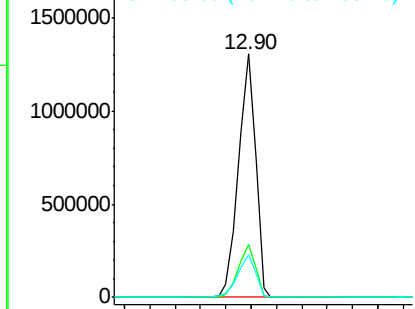
#77
Pvrene
Concen: 38.90 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion:202 Resp: 1211438
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.3 21.5

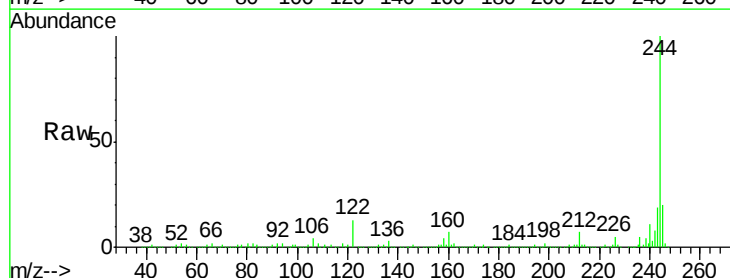


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

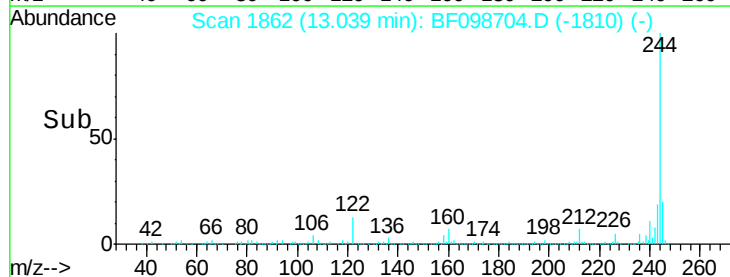
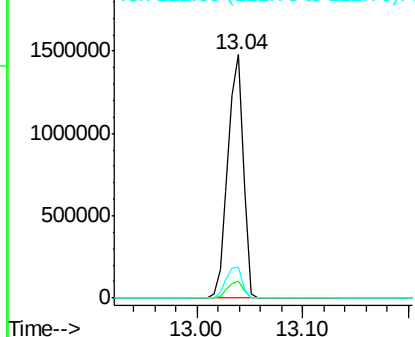


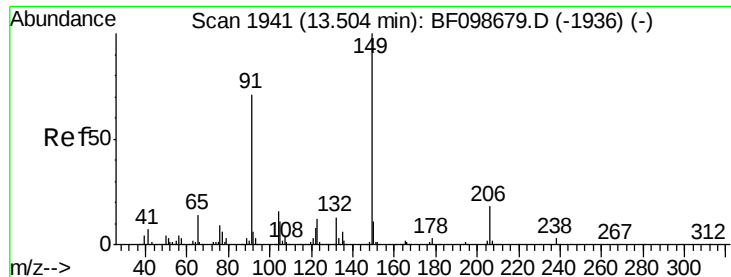
#78
Terphenyl-d14
Concen: 76.89 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:244 Resp: 1502149
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

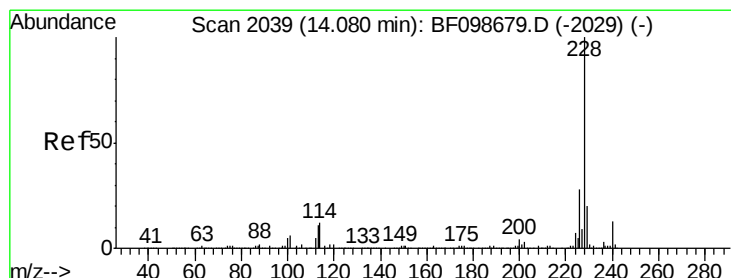
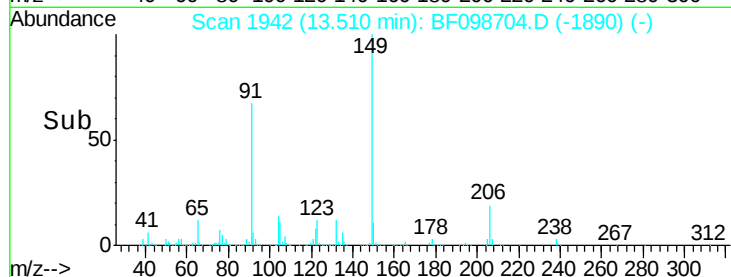
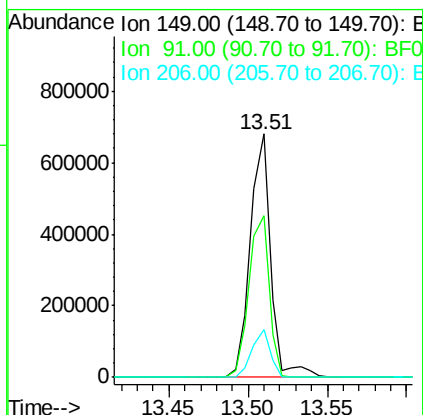
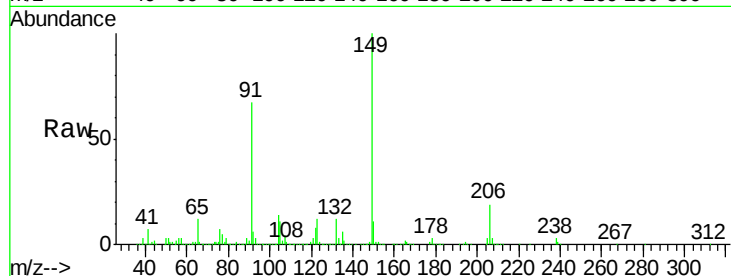




#79
Butylbenzylphthalate
Concen: 47.13 ng
RT: 13.51 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

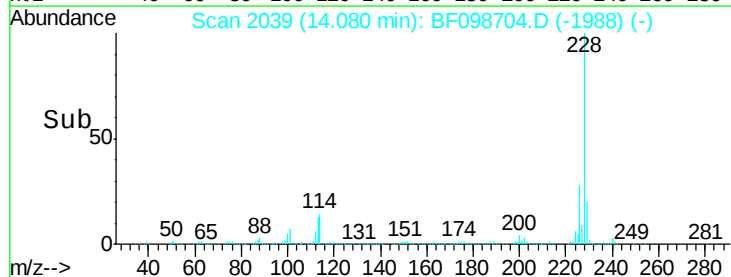
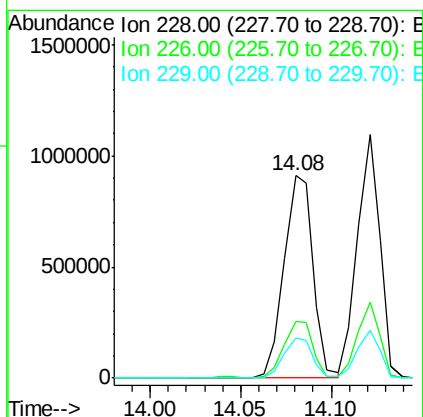
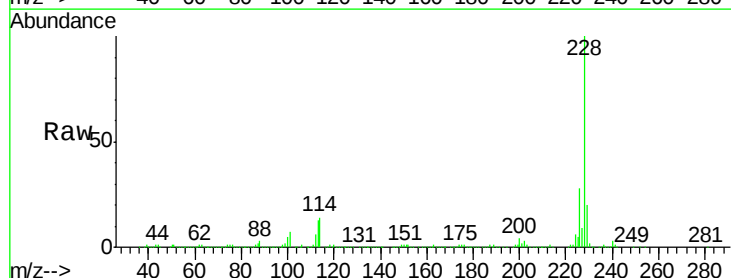
Instrument :
BNA_F
ClientSampleId :
PB102532BS

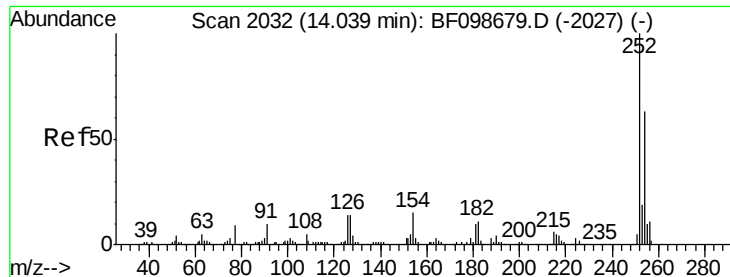
Tot Ion:149 Resp: 607256
Ion Ratio Lower Upper
149 100
91 66.7 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.44 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion:228 Resp: 1021710
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6

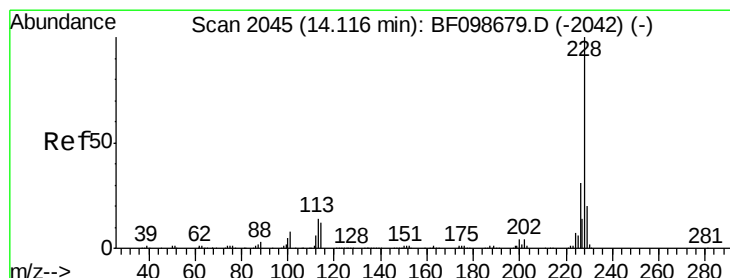
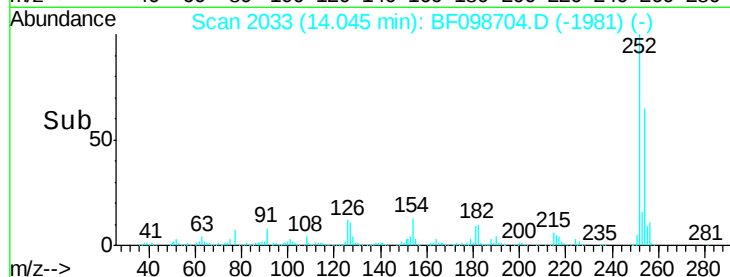
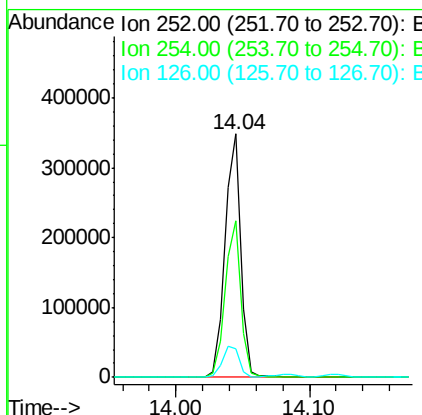
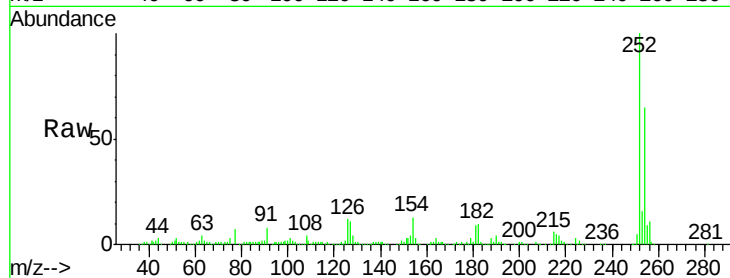




#81
 3,3'-Dichlorobenzidine
 Concen: 32.54 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

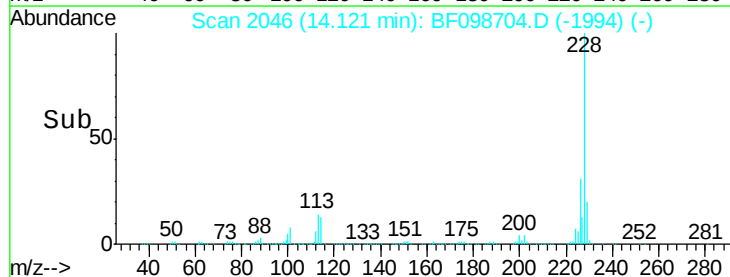
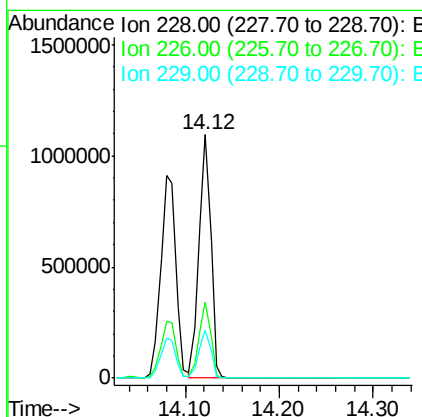
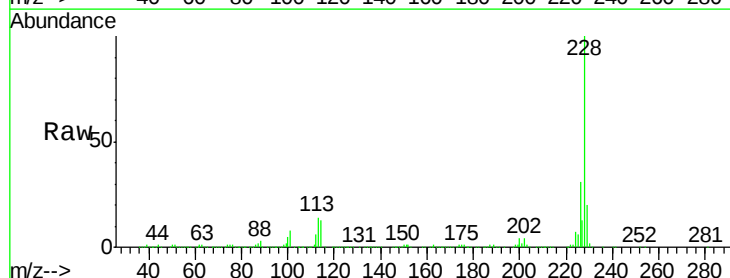
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

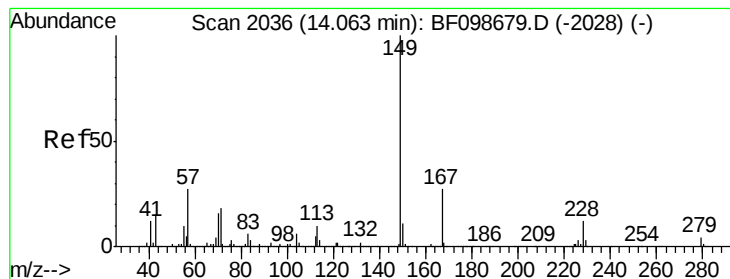
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.9	11.3	16.9



#82
 Chrysene
 Concen: 39.27 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.51 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

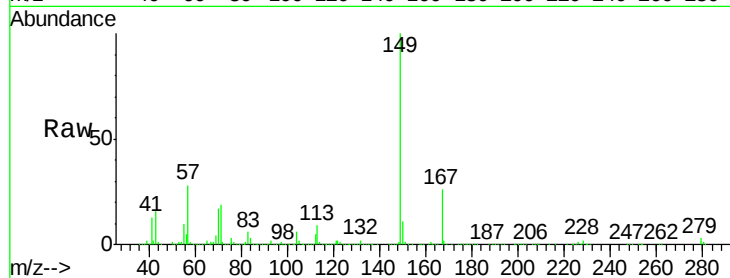
Tot Ion:149 Resp: 775506

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

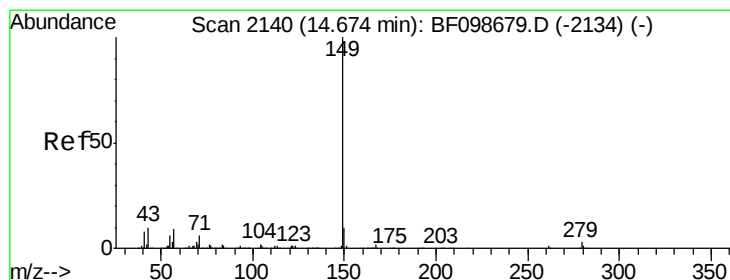
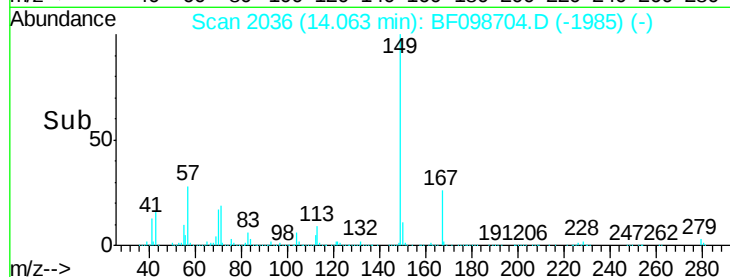
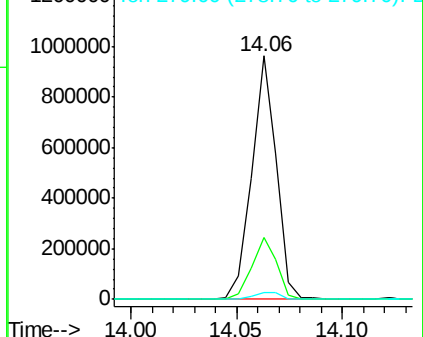
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.31 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

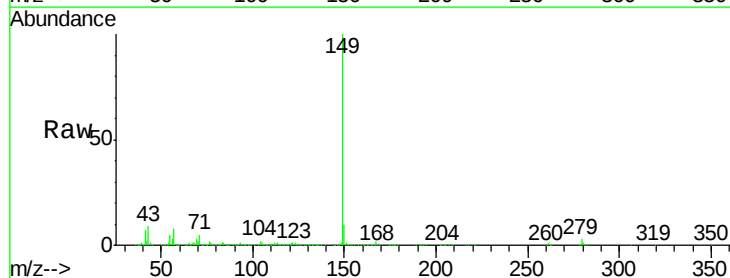
Tgt Ion:149 Resp: 1239391

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

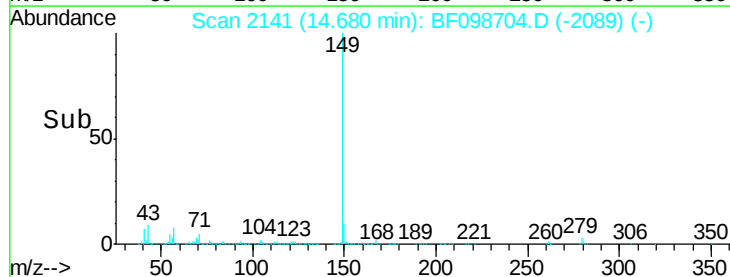
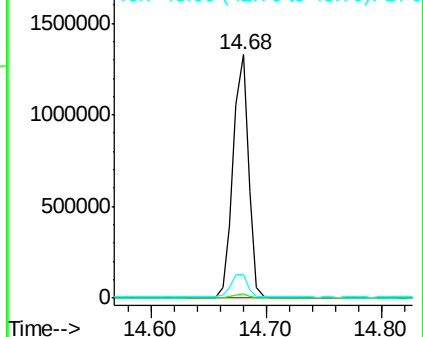
43 10.0 8.4 12.6

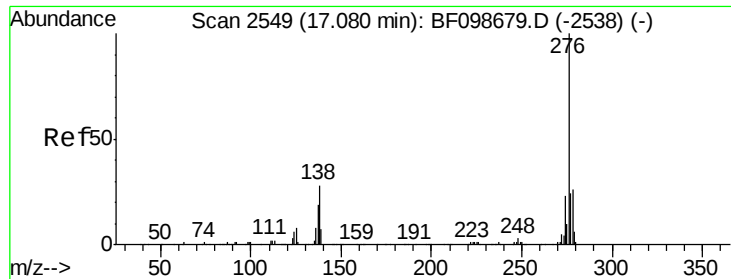


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.47 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

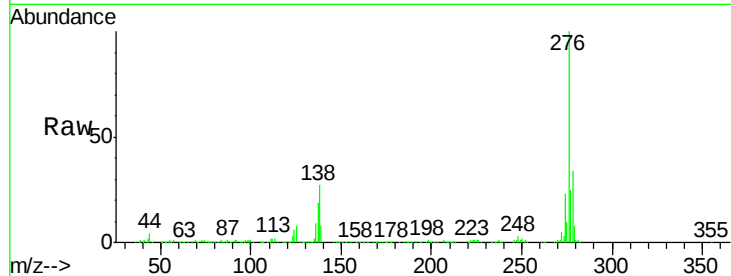
Tot Ion:276 Resp: 803895

Ion Ratio Lower Upper

276 100

138 31.2 25.0 37.6

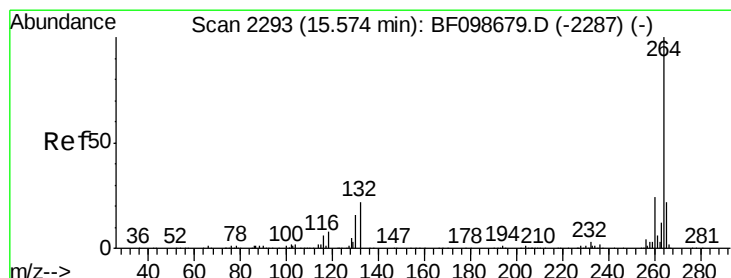
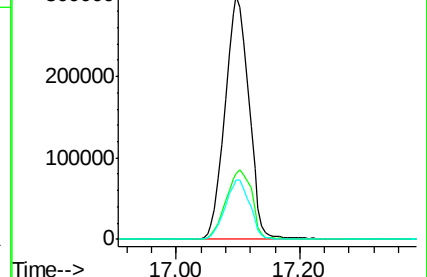
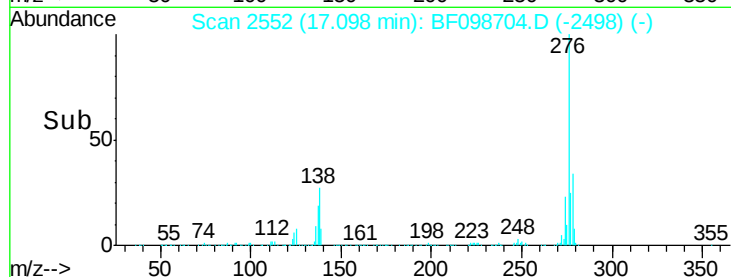
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

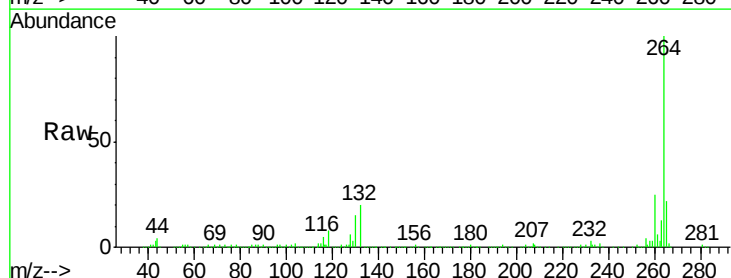
Tgt Ion:264 Resp: 358004

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

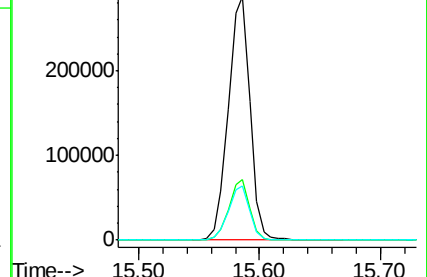
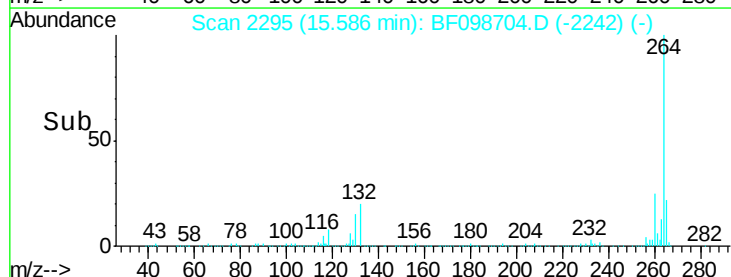
265 22.0 17.5 26.3

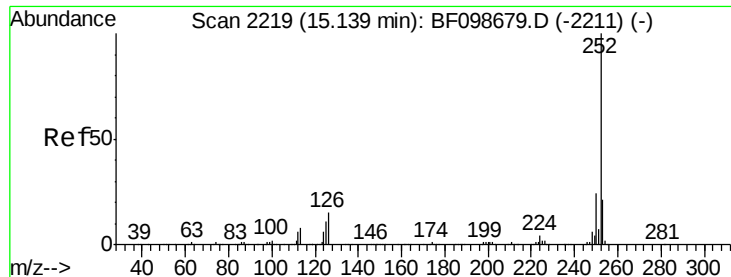


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.50 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

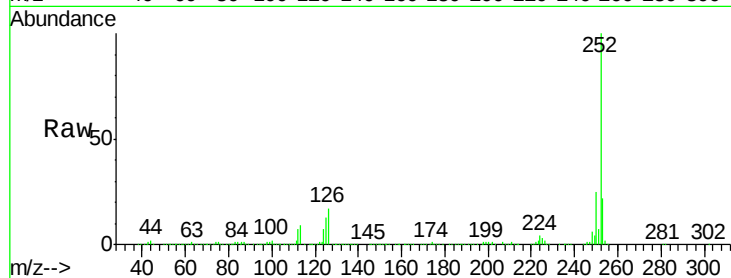
Tot Ion:252 Resp: 903084

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

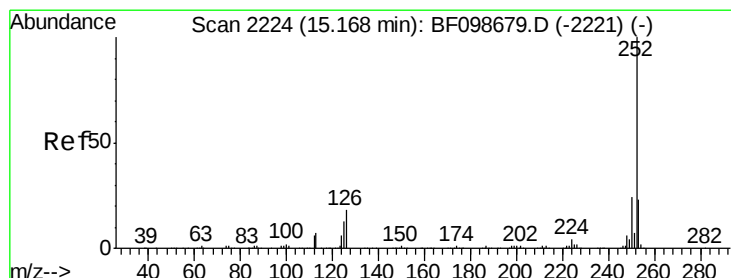
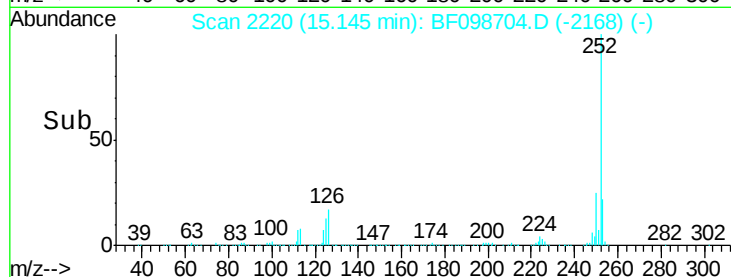
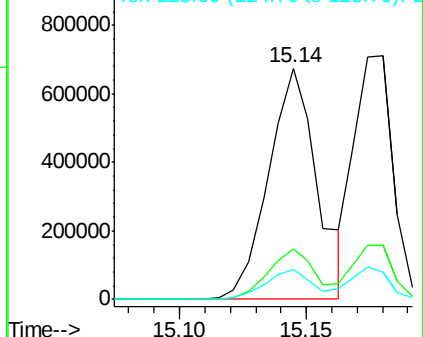
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.85 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

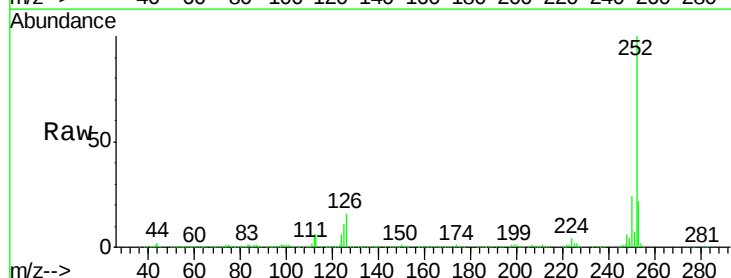
Tgt Ion:252 Resp: 764637

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

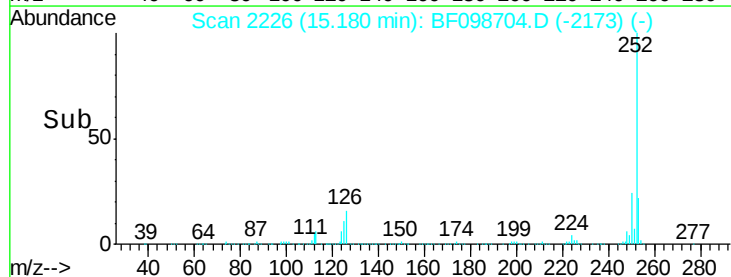
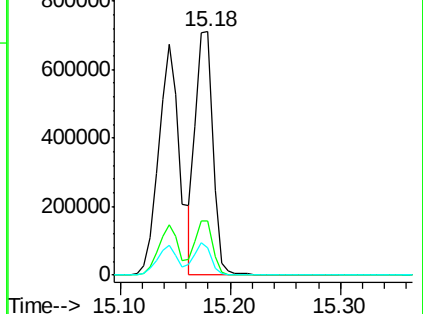
125 11.0 10.2 15.2

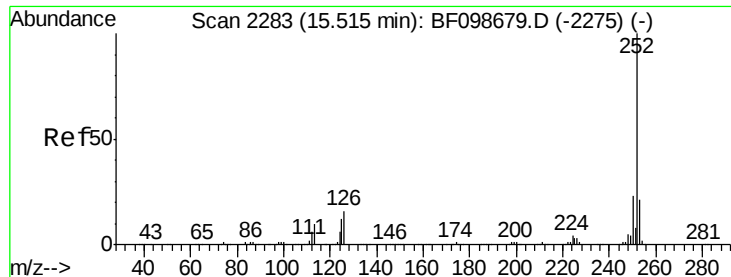


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

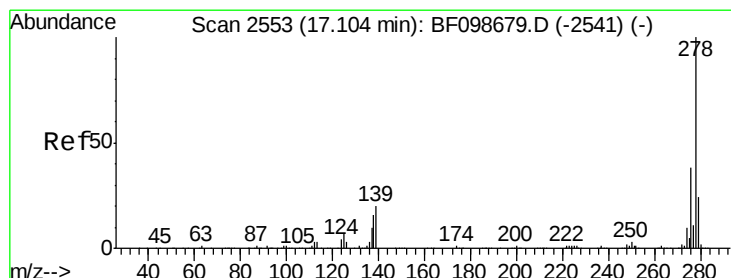
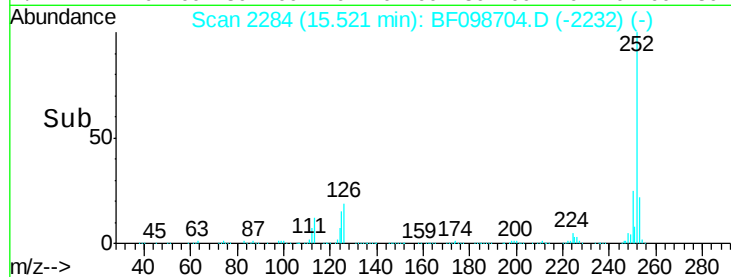
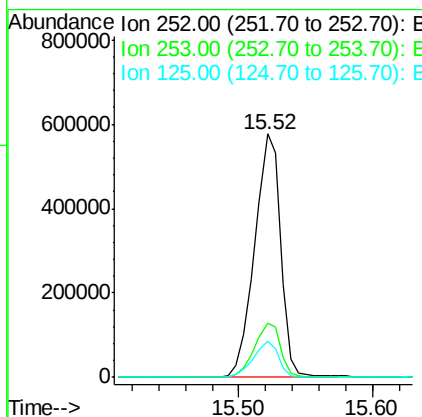
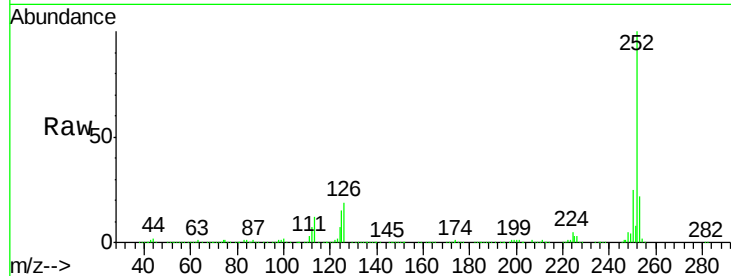




#89
Benzo(a)pyrene
Concen: 40.91 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

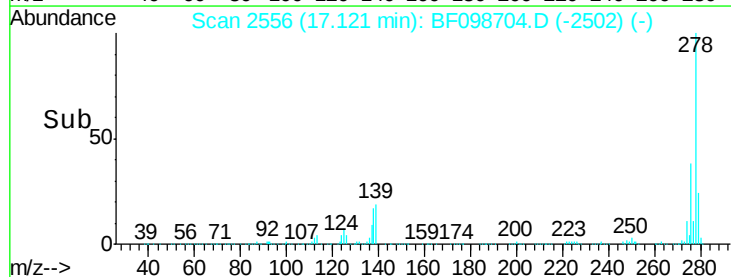
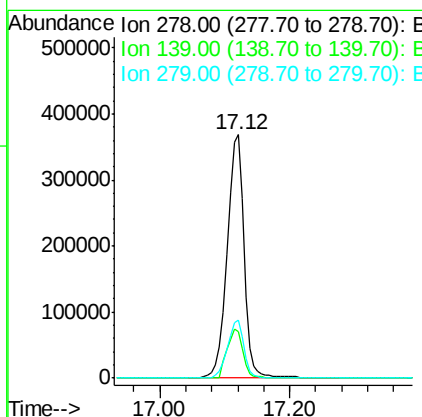
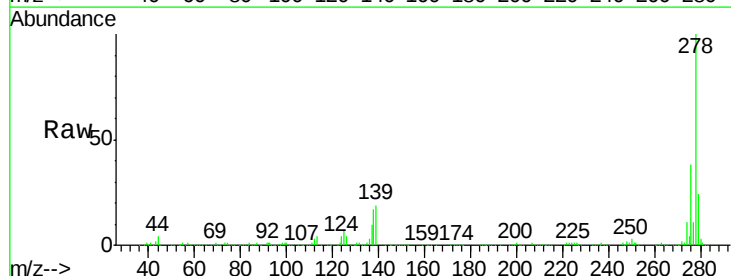
Instrument :
BNA_F
ClientSampleId :
PB102532BS

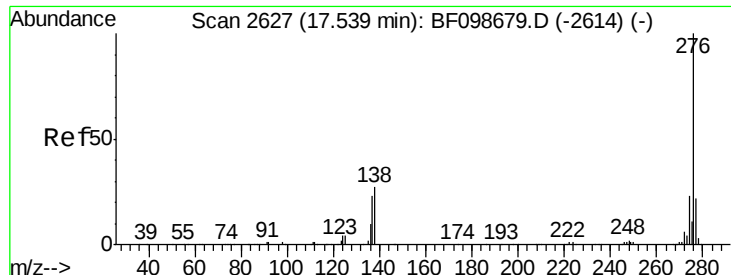
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.72 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	23.8	19.0	28.4

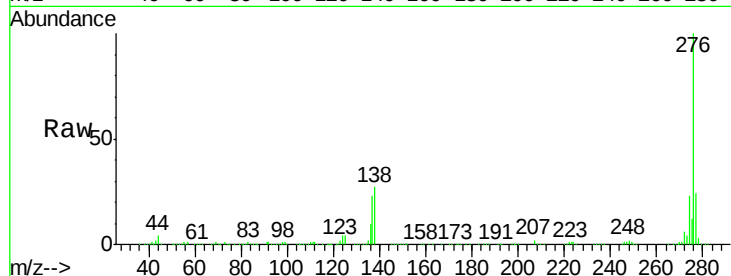




#91
 Benzo(a,h,i)perylene
 Concen: 42.11 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	27.3	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

