

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098642.D
 Acq On : 19 Sep 2017 15:41
 Operator : SJ/JU
 Sample : PB102430BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Quant Time: Sep 20 11:06:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110997	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	483752	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	215285	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	510243	20.00	ng	0.00
75) Chrysene-d12	13.79	240	427617	20.00	ng	0.00
86) Perylene-d12	15.17	264	384103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	869912	115.88	ng	0.00
7) Phenol-d6	6.29	99	1094566	114.83	ng	0.00
23) Nitrobenzene-d5	7.20	82	667167	76.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	242478	168.76	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1282632	100.98	ng	-0.01
78) Terphenyl-d14	12.73	244	1415673	71.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	126136	32.553	ng	93
3) Pyridine	2.97	79	273758	26.604	ng	# 79
4) n-Nitrosodimethylamine	2.94	42	151929	30.116	ng	86
6) Aniline	6.30	93	223143	18.661	ng	# 1
8) 2-Chlorophenol	6.42	128	332058	40.224	ng	95
9) Benzaldehyde	6.17	77	115240	18.495	ng	90
10) Phenol	6.30	94	412800	37.286	ng	76
11) bis(2-Chloroethyl)ether	6.37	93	309766	37.109	ng	93
12) 1,3-Dichlorobenzene	6.56	146	331026m	39.840	ng	
13) 1,4-Dichlorobenzene	6.65	146	334847	39.343	ng	97
14) 1,2-Dichlorobenzene	6.80	146	314548	40.566	ng	97
15) Benzyl Alcohol	6.79	79	285013	44.929	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	453312	33.006	ng	# 24
17) 2-Methylphenol	6.90	107	269150	39.984	ng	# 86
18) Hexachloroethane	7.13	117	124118	38.080	ng	89
19) n-Nitroso-di-n-propylamine	7.05	70	234713	39.148	ng	97
20) 3+4-Methylphenols	7.06	107	373215	43.934	ng	# 65
22) Acetophenone	7.05	105	473168	37.845	ng	# 89
24) Nitrobenzene	7.22	77	350374	35.449	ng	98
25) Isophorone	7.46	82	623290	35.502	ng	98
26) 2-Nitrophenol	7.53	139	176944	44.339	ng	# 82
27) 2,4-Dimethylphenol	7.59	122	293857	38.627	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	387866	36.206	ng	100
29) 2,4-Dichlorophenol	7.79	162	282475	44.646	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	296658	43.103	ng	98
31) Naphthalene	7.93	128	984855	41.182	ng	99
32) Benzoic acid	7.75	122	197474	40.240	ng	97
33) 4-Chloroaniline	7.99	127	149673	15.400	ng	96
34) Hexachlorobutadiene	8.05	225	145793	41.263	ng	98
35) Caprolactam	8.38	113	98563m	45.176	ng	
36) 4-Chloro-3-methylphenol	8.50	107	314101	40.030	ng	84
37) 2-Methylnaphthalene	8.62	142	631012	43.561	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	276561	41.240	ng	99
40) Hexachlorocyclopentadiene	8.77	237	159488	81.063	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098642.D
 Acq On : 19 Sep 2017 15:41
 Operator : SJ/JU
 Sample : PB102430BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Quant Time: Sep 20 11:06:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

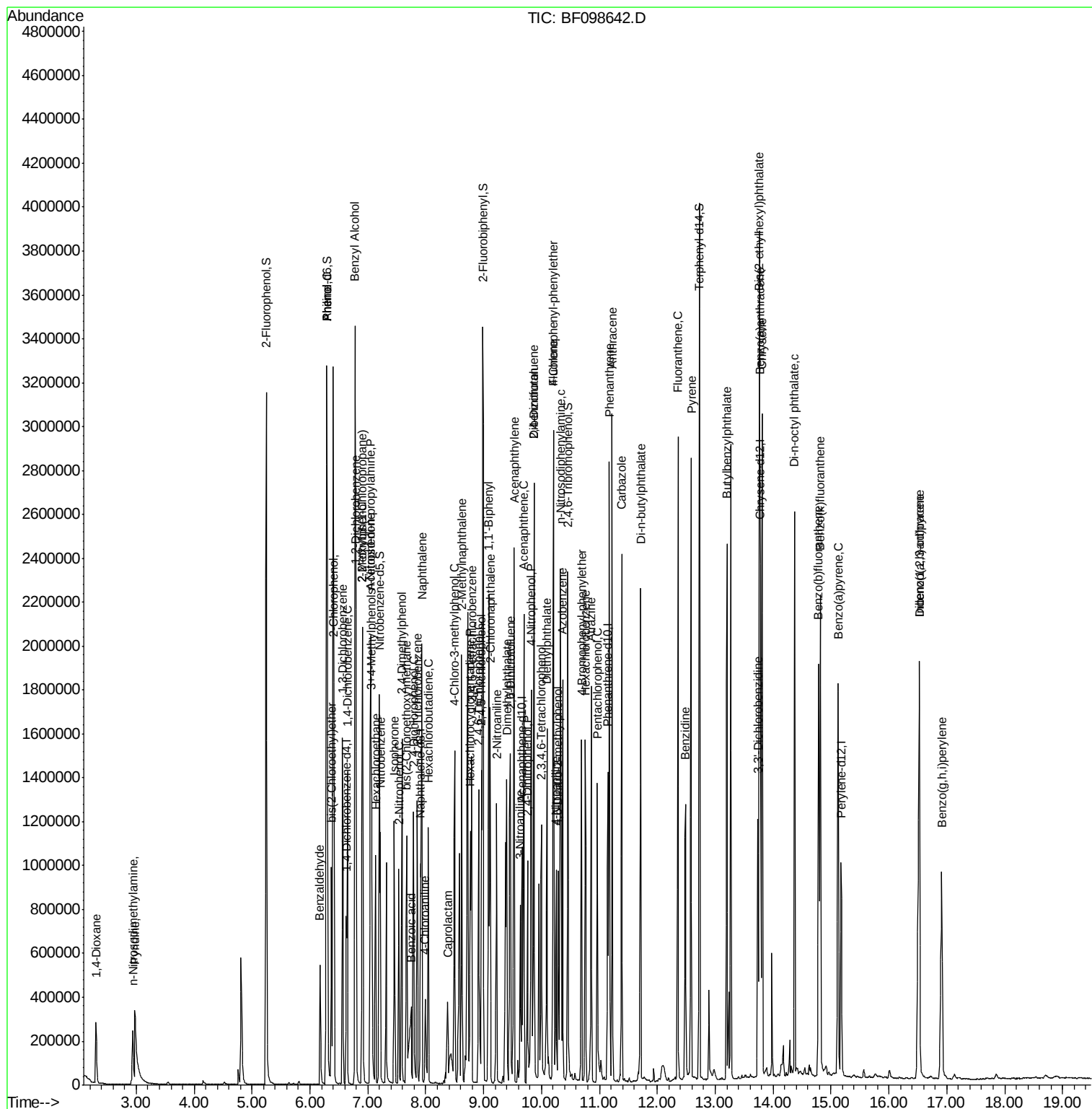
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	187740	47.662	ng	93
43) 2,4,5-Trichlorophenol	8.96	196	199432	48.440	ng	91
45) 1,1'-Biphenyl	9.09	154	786835	40.834	ng	98
46) 2-Chloronaphthalene	9.12	162	596454	43.342	ng	94
47) 2-Nitroaniline	9.22	65	216055	40.904	ng	99
48) Acenaphthylene	9.53	152	889121	43.453	ng	99
49) Dimethylphthalate	9.40	163	733311	44.004	ng	98
50) 2,6-Dinitrotoluene	9.46	165	165662	48.395	ng #	73
51) Acenaphthene	9.70	154	518523	39.866	ng	98
52) 3-Nitroaniline	9.63	138	114257	27.651	ng	98
53) 2,4-Dinitrophenol	9.76	184	148736	90.649	ng #	76
54) Dibenzofuran	9.87	168	761974	44.469	ng	97
55) 4-Nitrophenol	9.83	139	187192	78.849	ng #	49
56) 2,4-Dinitrotoluene	9.87	165	201360	48.384	ng #	64
57) Fluorene	10.21	166	634903	44.766	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	141786	51.244	ng	97
59) Diethylphthalate	10.10	149	691670	43.642	ng	97
60) 4-Chlorophenyl-phenylether	10.20	204	302289	46.145	ng	88
61) 4-Nitroaniline	10.26	138	169268	40.562	ng	84
62) Azobenzene	10.36	77	680821	39.857	ng	96
64) 4,6-Dinitro-2-methylphenol	10.29	198	116975	38.476	ng	80
65) n-Nitrosodiphenylamine	10.33	169	580973	35.066	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	191688	39.583	ng	95
67) Hexachlorobenzene	10.76	284	200078	40.732	ng #	83
68) Atrazine	10.86	200	220292	43.190	ng	97
69) Pentachlorophenol	10.96	266	165745	76.553	ng	98
70) Phenanthrene	11.17	178	1139496	42.126	ng	99
71) Anthracene	11.22	178	1183761	42.625	ng	99
72) Carbazole	11.39	167	982657	37.967	ng	99
73) Di-n-butylphthalate	11.71	149	1107623	35.717	ng	99
74) Fluoranthene	12.36	202	1145717	42.311	ng	98
76) Benzidine	12.49	184	493913m	26.099	ng	
77) Pyrene	12.59	202	1187043	35.189	ng	98
79) Butylbenzylphthalate	13.20	149	517200	35.342	ng #	82
80) Benzo(a)anthracene	13.77	228	1035823	41.317	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	242049	24.843	ng #	95
82) Chrysene	13.81	228	1030401	40.660	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	736781	40.115	ng #	99
84) Di-n-octyl phthalate	14.37	149	1294974	41.095	ng	100
85) Indeno(1,2,3-cd)pyrene	16.53	276	919302	51.705	ng	93
87) Benzo(b)fluoranthene	14.79	252	1003365	41.545	ng	99
88) Benzo(k)fluoranthene	14.82	252	819369	36.341	ng #	95
89) Benzo(a)pyrene	15.13	252	889064	41.320	ng #	97
90) Dibenzo(a,h)anthracene	16.53	278	758766	48.478	ng	98
91) Benzo(g,h,i)perylene	16.92	276	758721	48.195	ng #	91

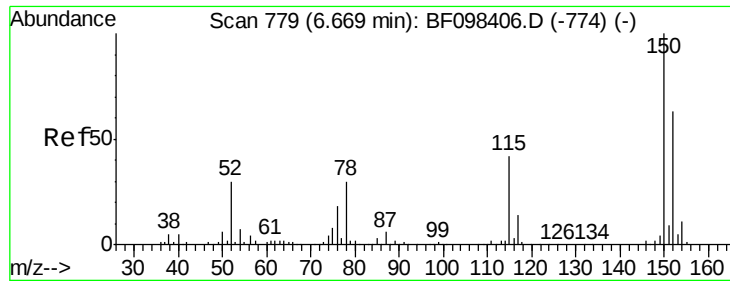
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098642.D
Acq On    : 19 Sep 2017   15:41
Operator  : SJ/JU
Sample    : PB102430BS
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB102430BS

Quant Time: Sep 20 11:06:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



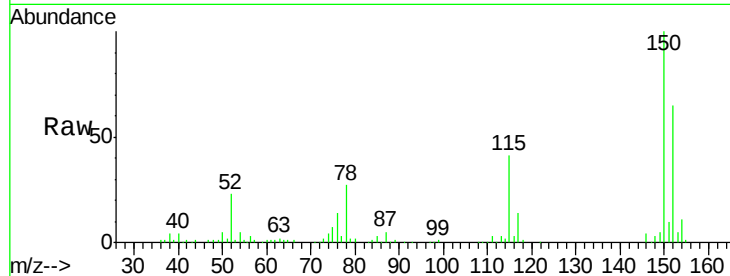


#1

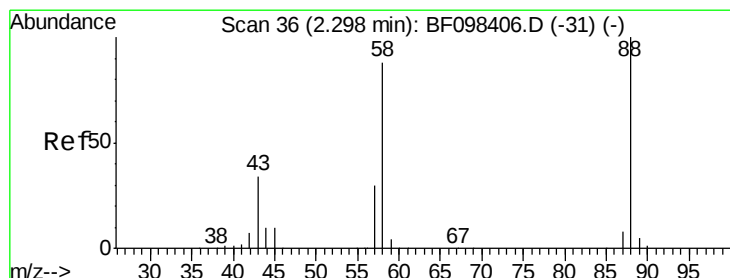
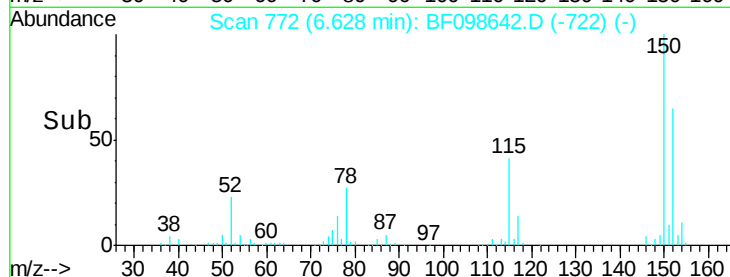
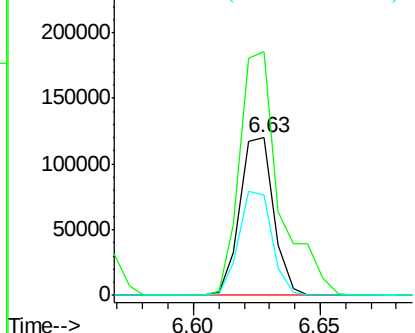
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102430BS

Tgt Ion:152 Resp: 110997
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 63.7 52.2 78.2



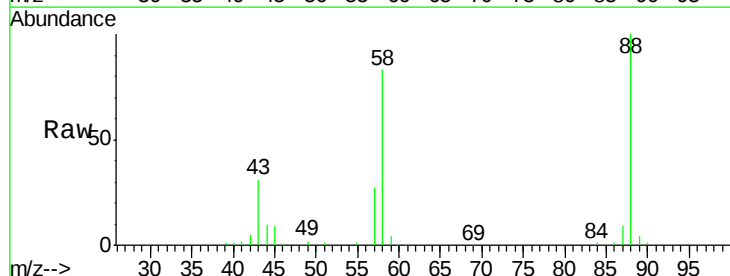
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



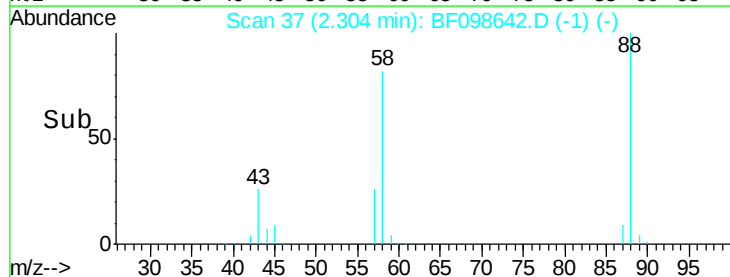
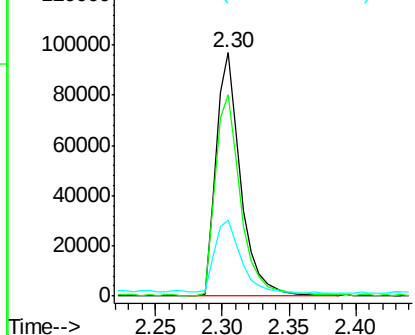
#2

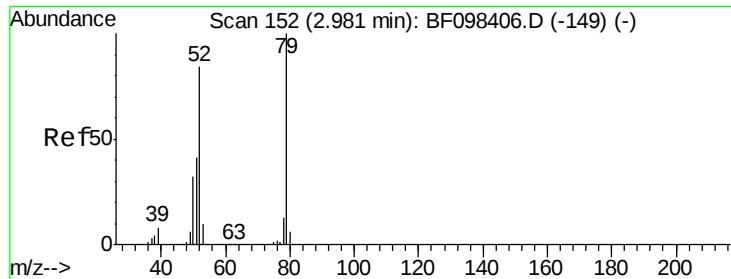
1,4-Dioxane
Concen: 32.553 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.06 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion: 88 Resp: 126136
Ion Ratio Lower Upper
88 100
58 84.0 61.4 92.0
43 31.1 23.4 35.0



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





#3

Pyridine

Concen: 26.604 ng

RT: 2.97 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

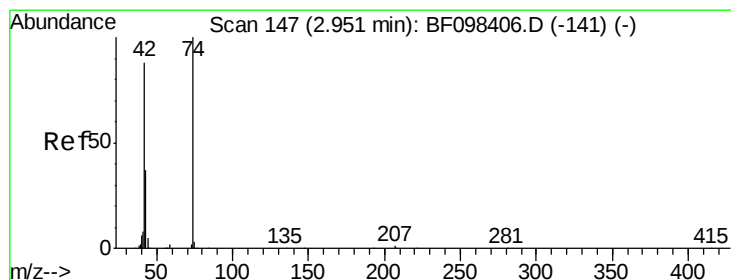
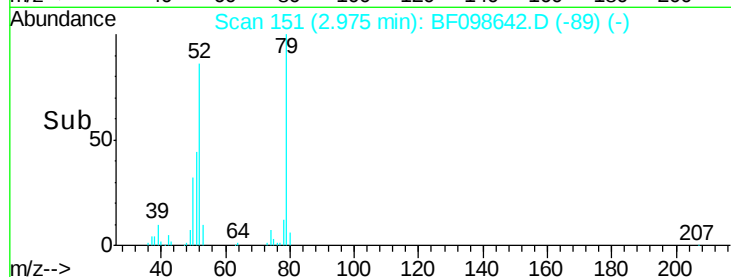
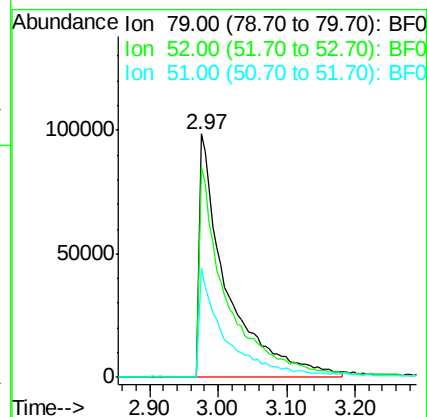
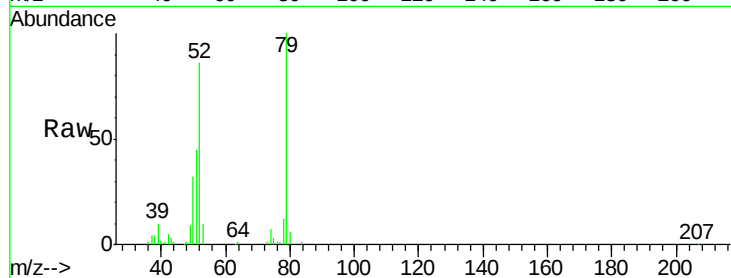
Tgt Ion: 79 Resp: 273758

Ion Ratio Lower Upper

79 100

52 86.2 54.8 82.2#

51 44.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 30.116 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.06 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

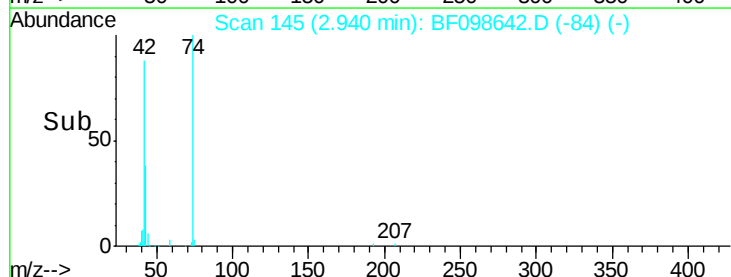
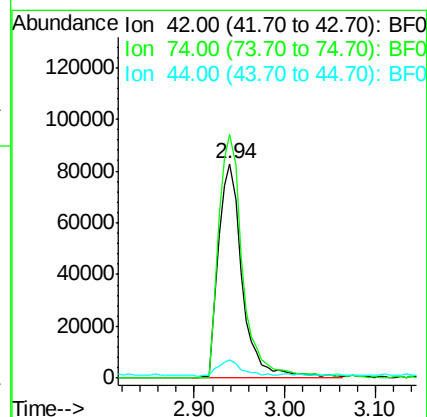
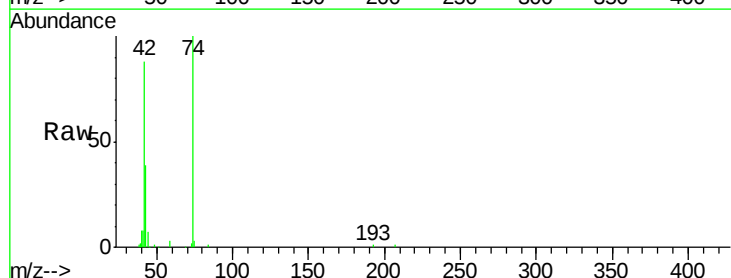
Tgt Ion: 42 Resp: 151929

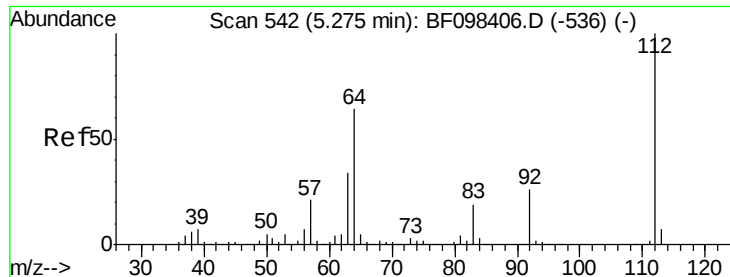
Ion Ratio Lower Upper

42 100

74 113.5 103.9 155.9

44 8.5 5.7 8.5





#5

2-Fluorophenol

Concen: 115.876 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

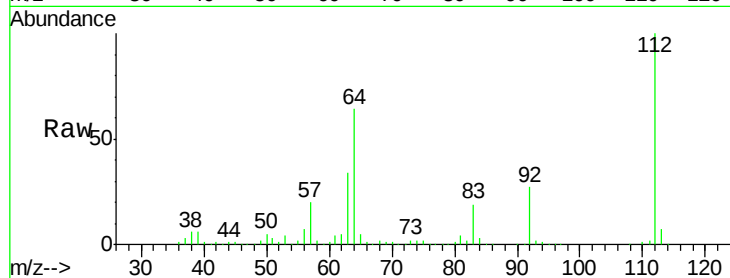
Tgt Ion: 112 Resp: 869912

Ion Ratio Lower Upper

112 100

64 64.4 46.0 69.0

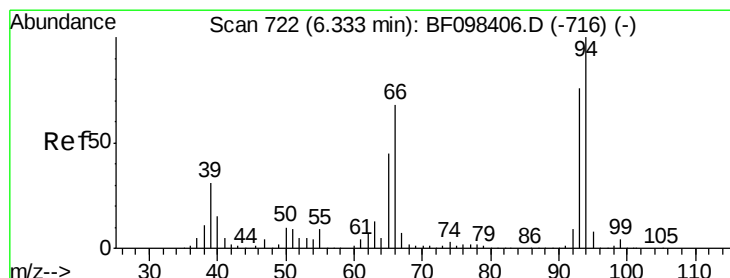
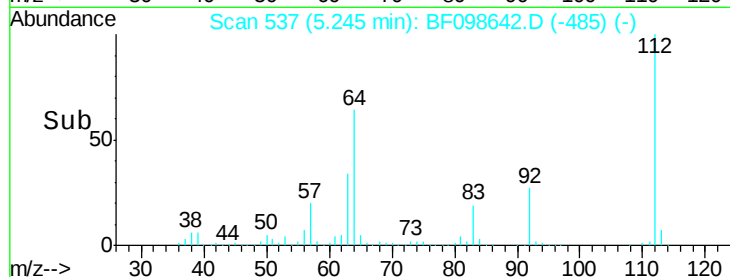
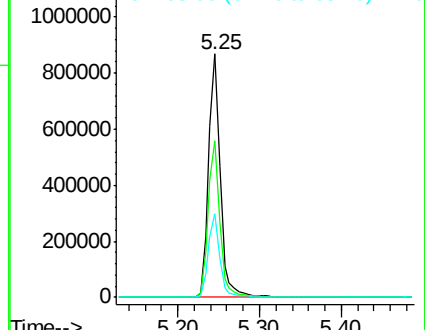
63 34.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.661 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

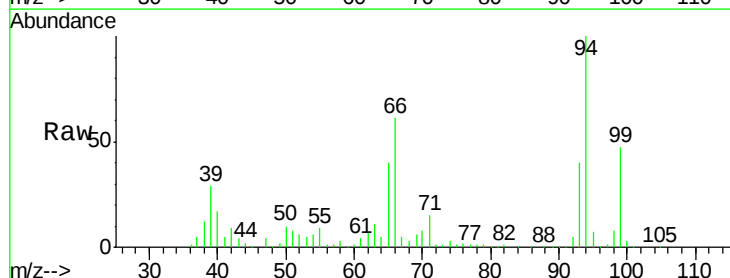
Tgt Ion: 93 Resp: 223143

Ion Ratio Lower Upper

93 100

66 152.0 32.9 49.3#

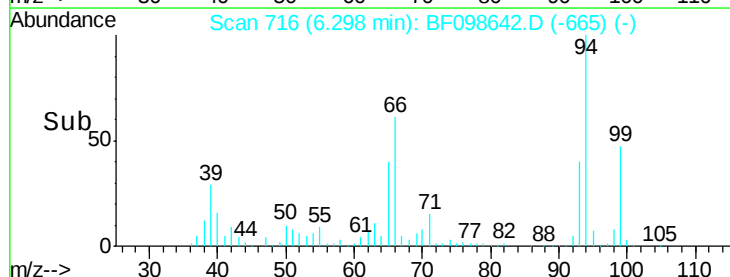
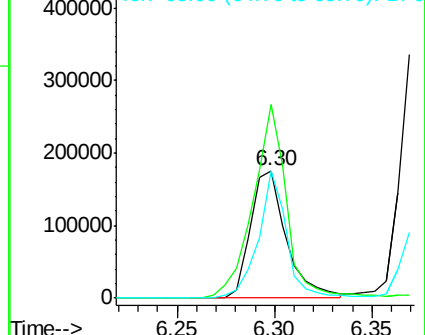
65 99.3 16.0 24.0#

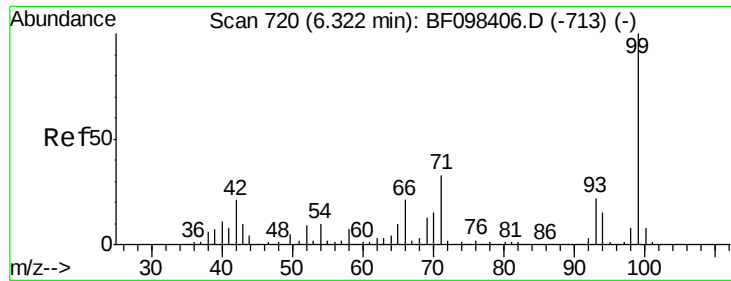


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.834 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

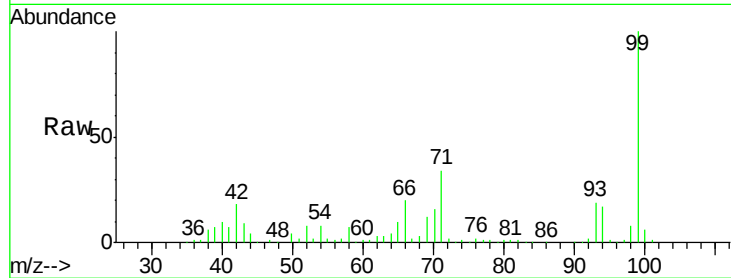
Tgt Ion: 99 Resp: 1094566

Ion Ratio Lower Upper

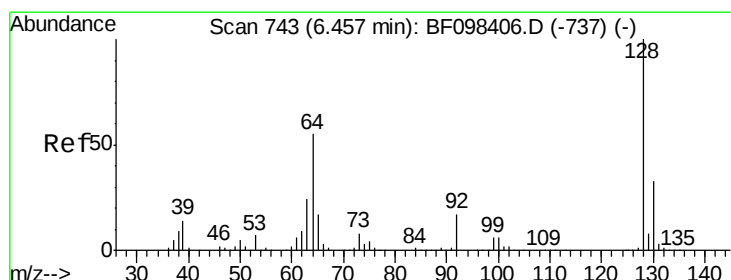
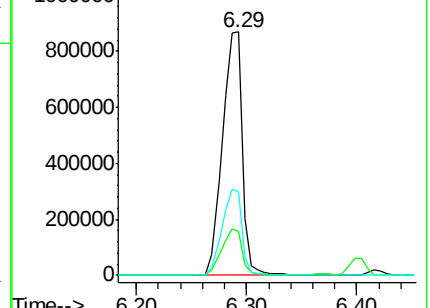
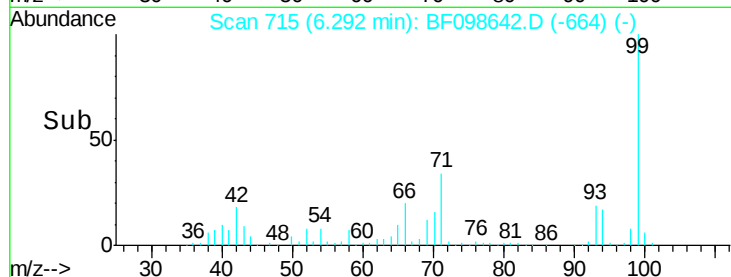
99 100

42 18.1 13.5 20.3

71 34.4 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.224 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

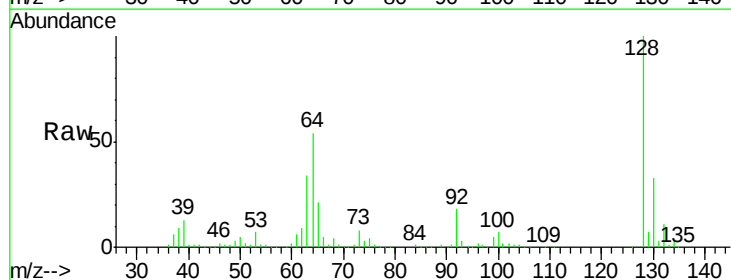
Tgt Ion: 128 Resp: 332058

Ion Ratio Lower Upper

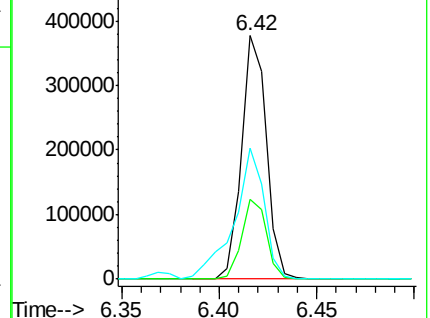
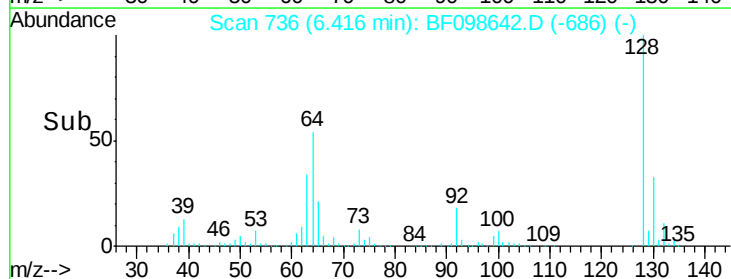
128 100

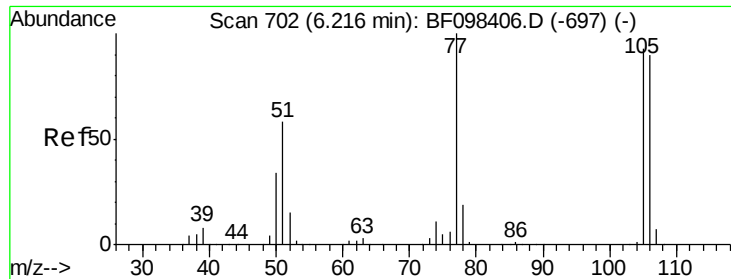
130 32.5 12.9 52.9

64 53.8 28.4 68.4



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





#9

Benzaldehyde

Concen: 18.495 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

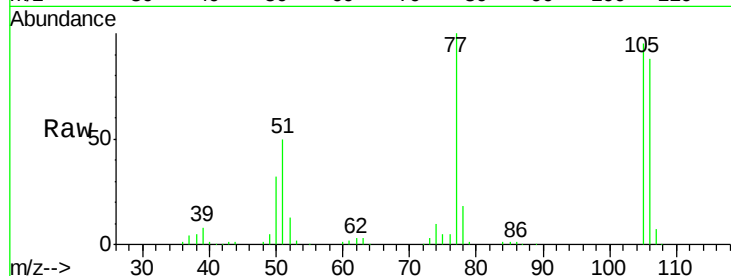
Tgt Ion: 77 Resp: 115240

Ion Ratio Lower Upper

77 100

105 94.7 83.8 123.8

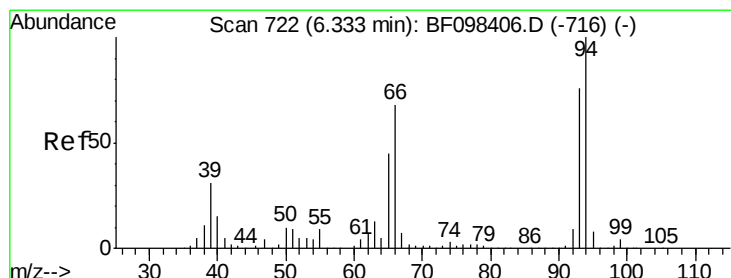
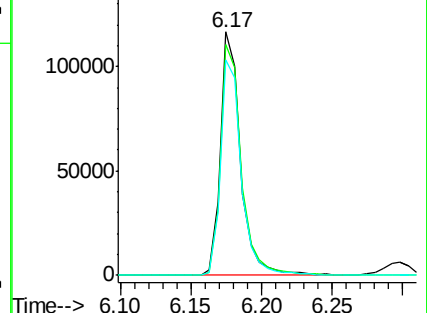
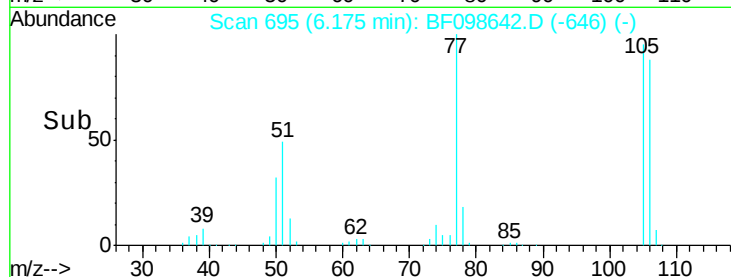
106 88.4 79.1 119.1



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: 37.286 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

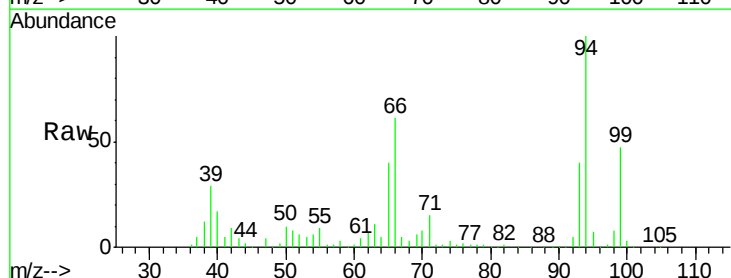
Tgt Ion: 94 Resp: 412800

Ion Ratio Lower Upper

94 100

65 40.0 9.9 49.9

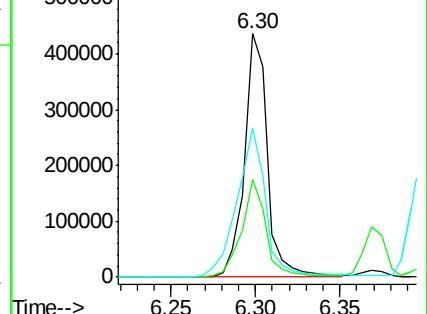
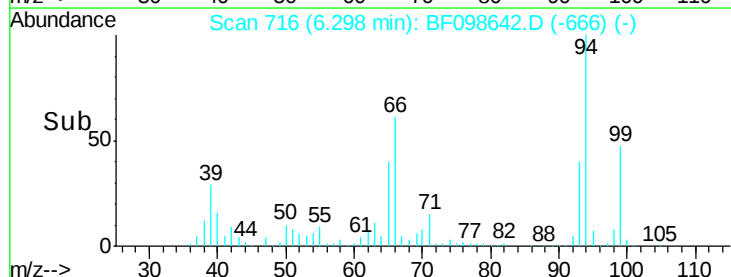
66 61.3 23.1 63.1

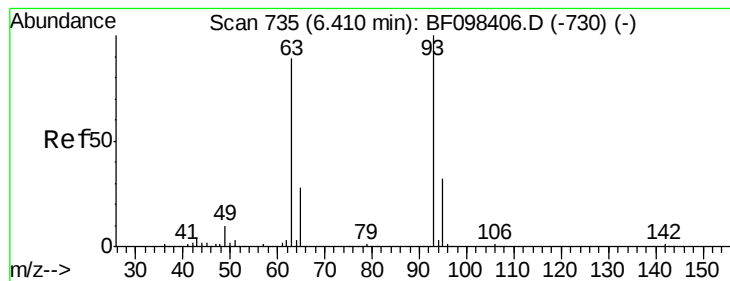


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.109 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

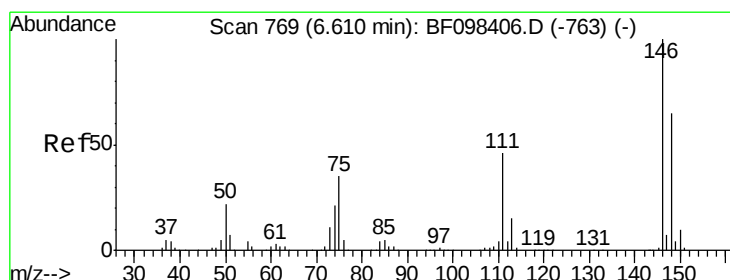
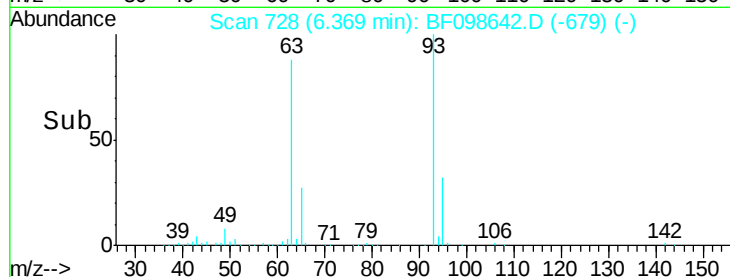
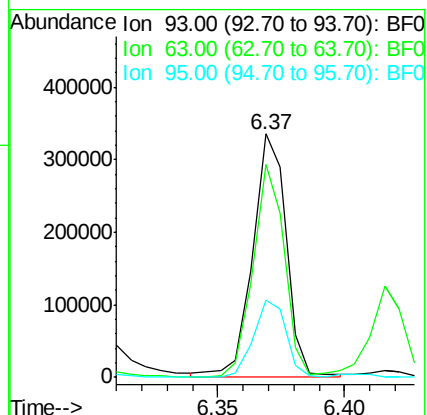
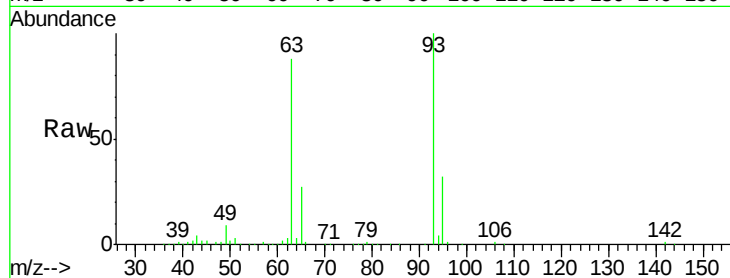
Tgt Ion: 93 Resp: 309766

Ion Ratio Lower Upper

93 100

63 87.6 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.840 ng m

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

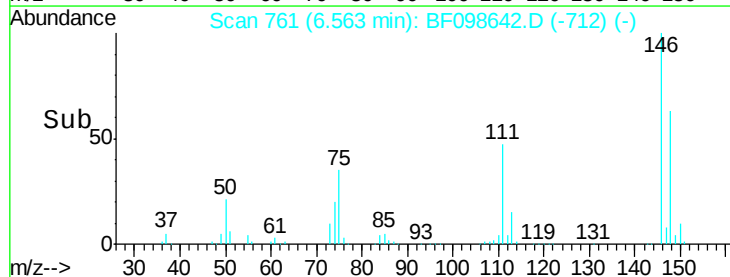
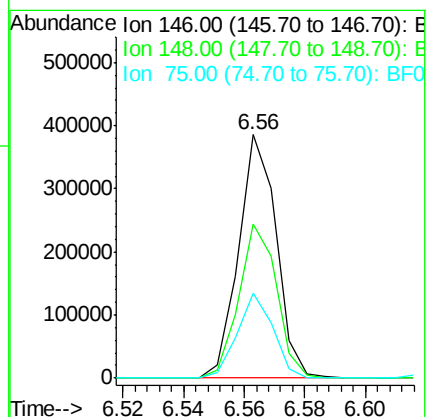
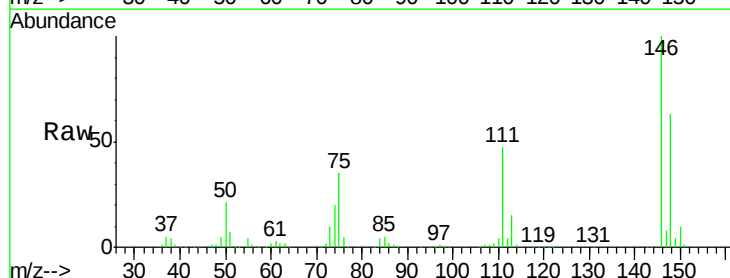
Tgt Ion: 146 Resp: 331026

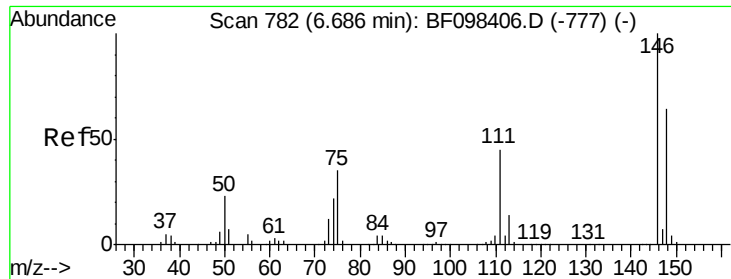
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 35.1 23.1 34.7#

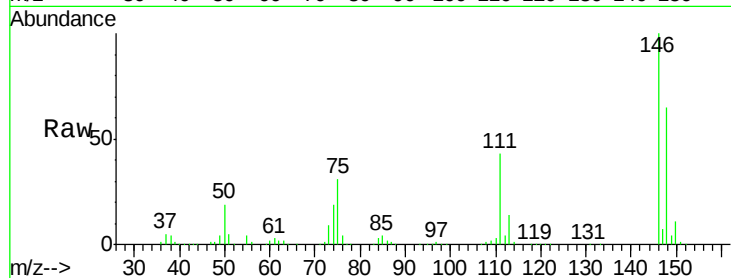




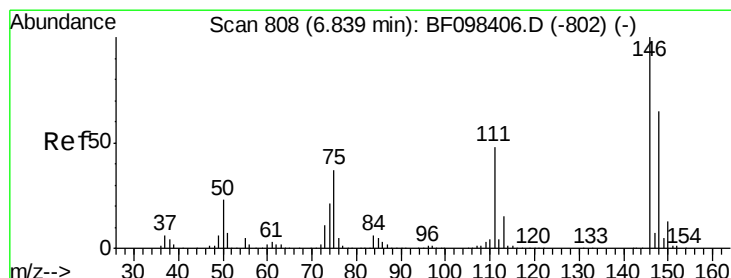
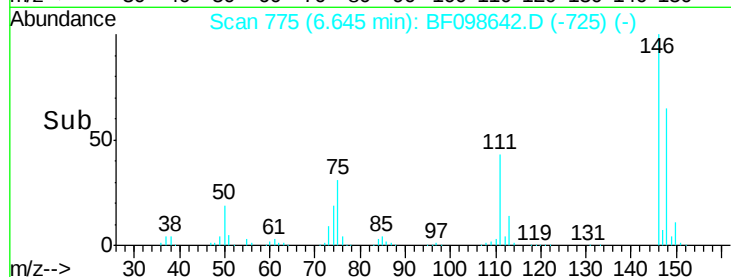
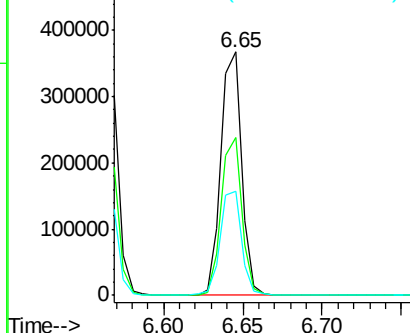
#13
 1,4-Dichlorobenzene
 Concen: 39.343 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Tgt Ion:146 Resp: 334847
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 42.8 30.3 45.5

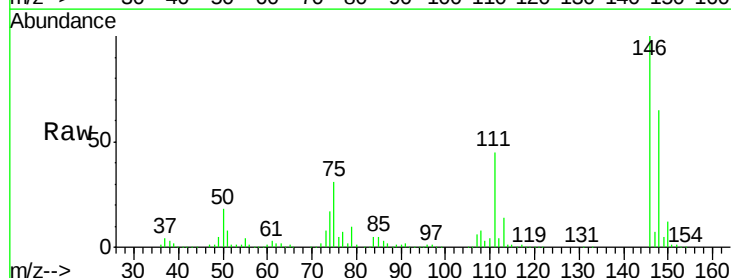


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

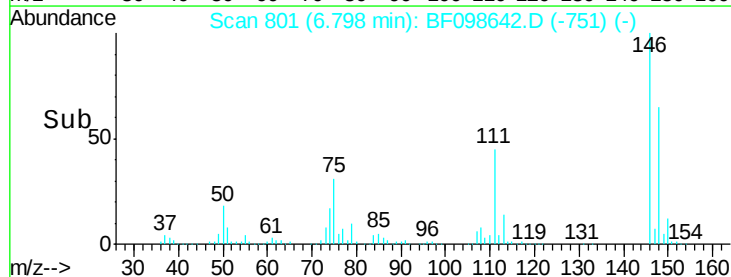
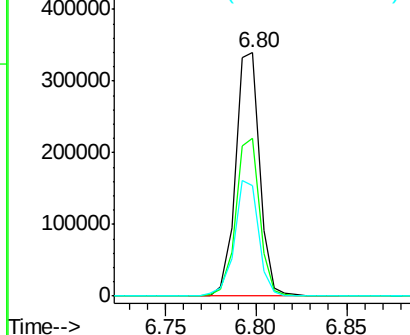


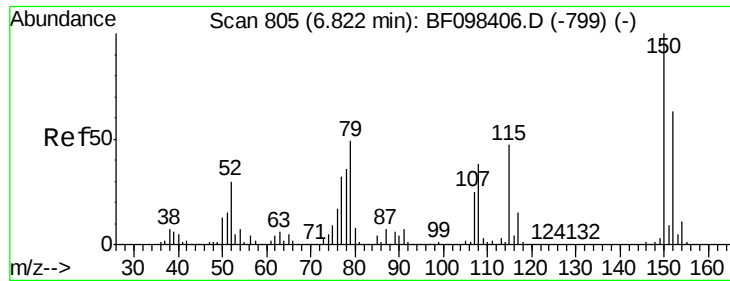
#14
 1,2-Dichlorobenzene
 Concen: 40.566 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:146 Resp: 314548
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 45.4 38.2 57.4



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

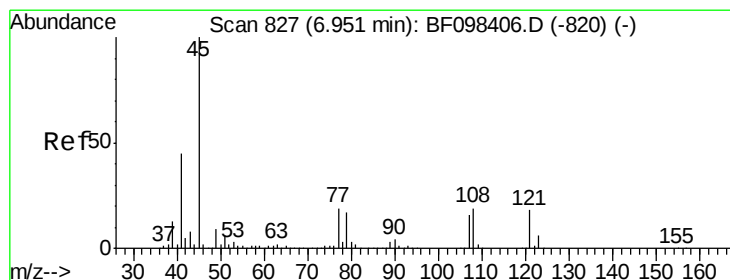
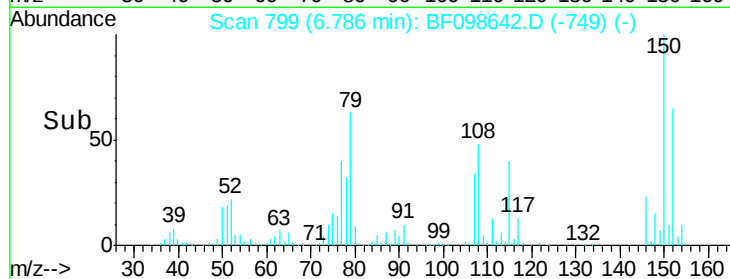
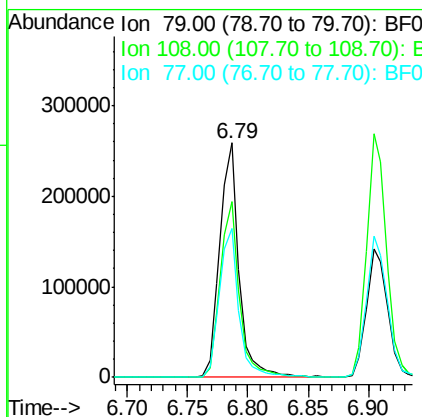
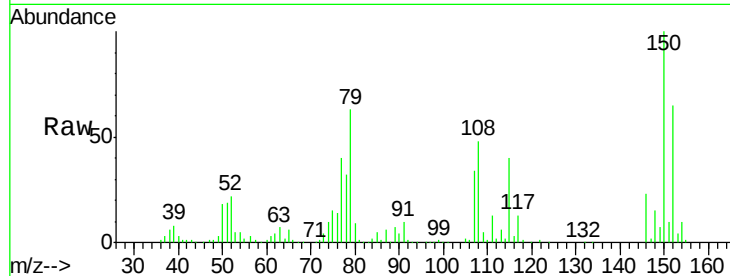




#15
Benzyl Alcohol
Concen: 44.929 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

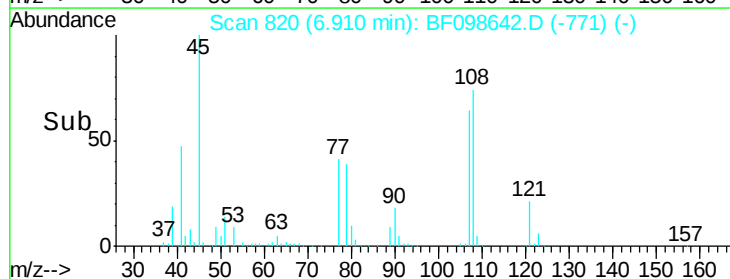
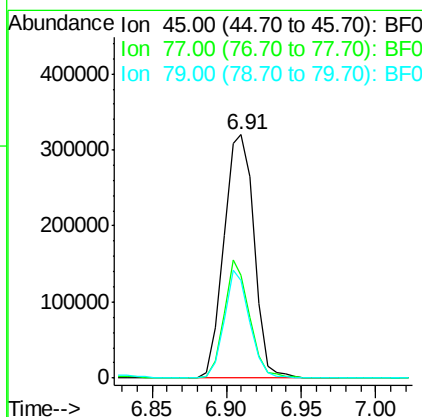
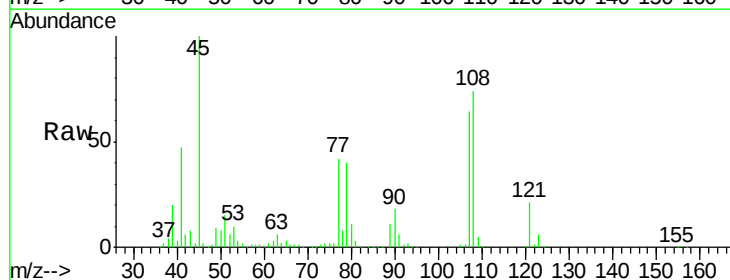
Instrument :
BNA_F
ClientSampleId :
PB102430BS

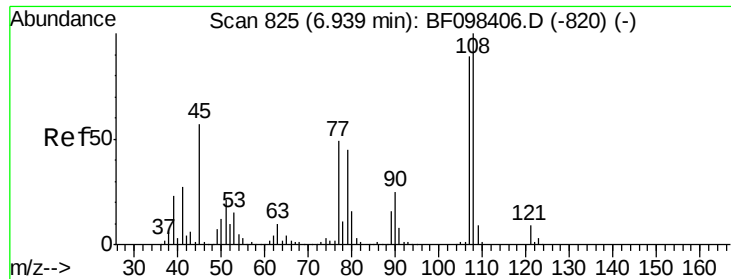
Tgt Ion: 79 Resp: 285013
Ion Ratio Lower Upper
79 100
108 75.2 63.4 95.0
77 63.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.006 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion: 45 Resp: 453312
Ion Ratio Lower Upper
45 100
77 42.3 0.0 33.2#
79 40.1 0.0 30.0#

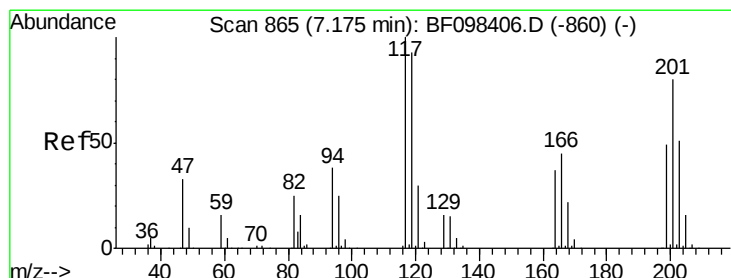
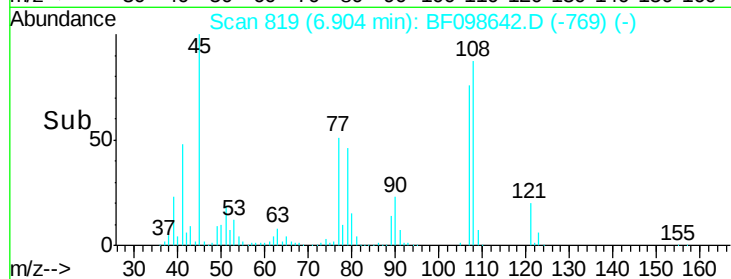
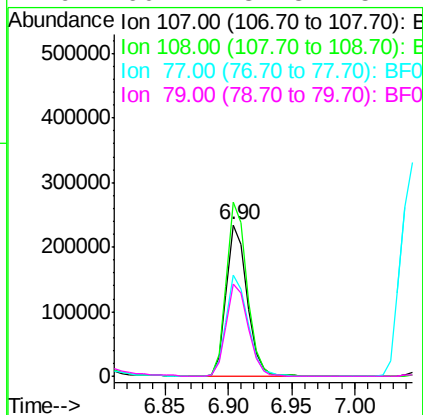
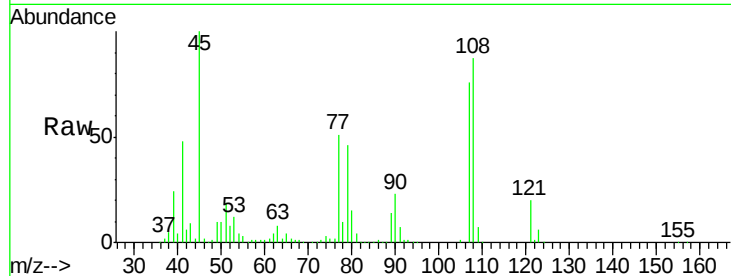




#17
2-Methylphenol
Concen: 39.984 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

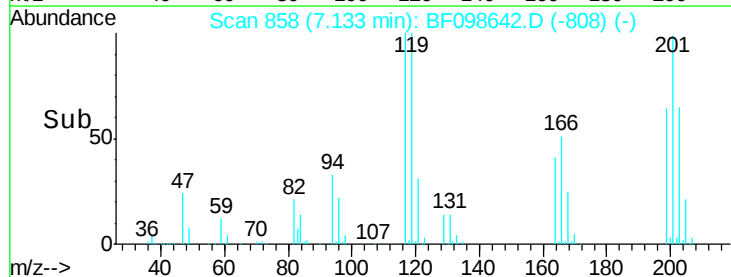
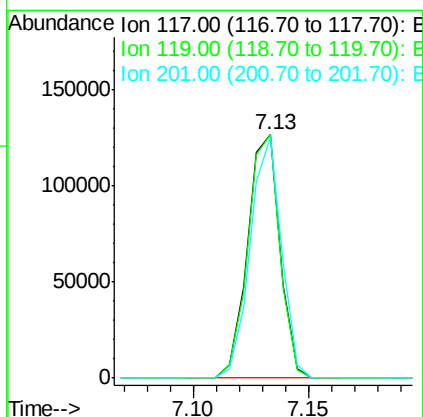
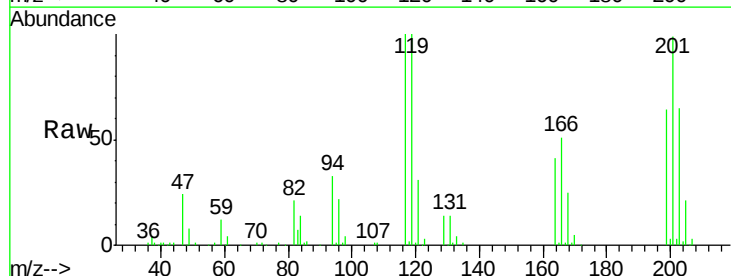
Instrument :
BNA_F
ClientSampleId :
PB102430BS

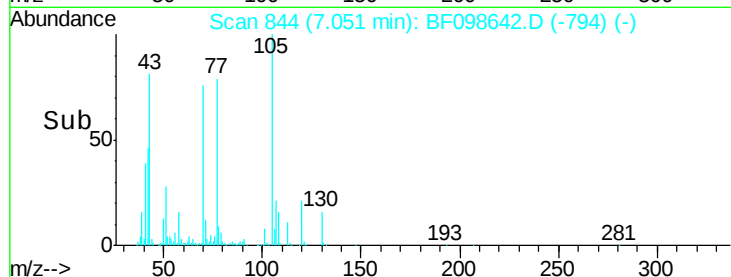
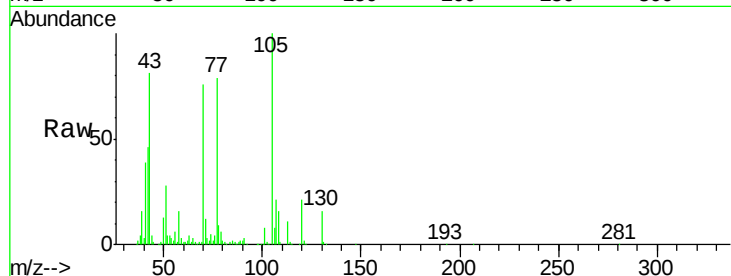
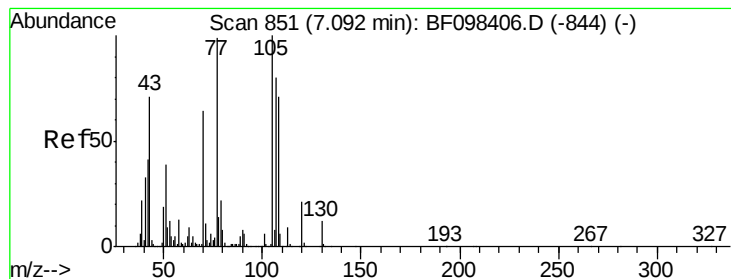
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.4	140.0
77	66.3	35.8	53.6#
79	60.4	34.8	52.2#



#18
Hexachloroethane
Concen: 38.080 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.4	116.0
201	99.2	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.148 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

Tgt Ion: 70 Resp: 234713

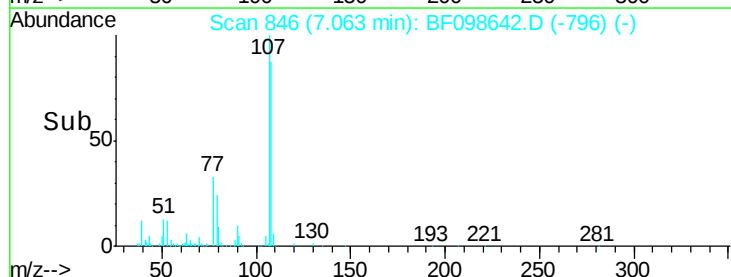
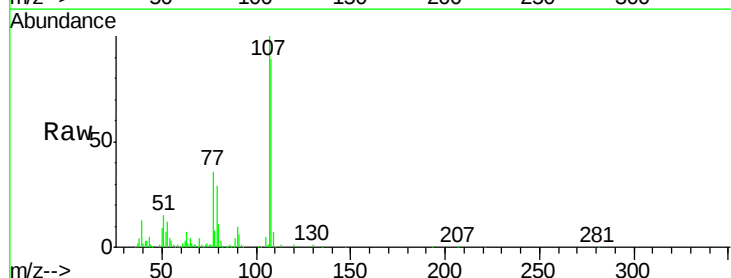
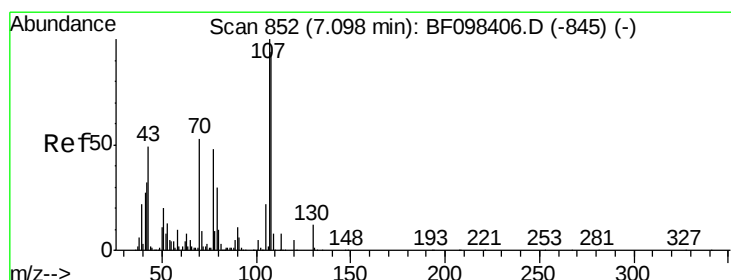
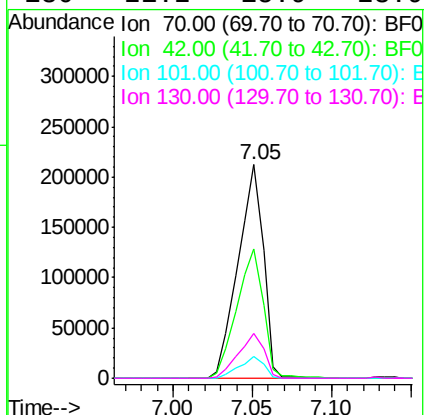
Ion Ratio Lower Upper

70 100

42 60.8 47.2 70.8

101 10.0 7.2 10.8

130 21.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.934 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Tgt Ion: 107 Resp: 373215

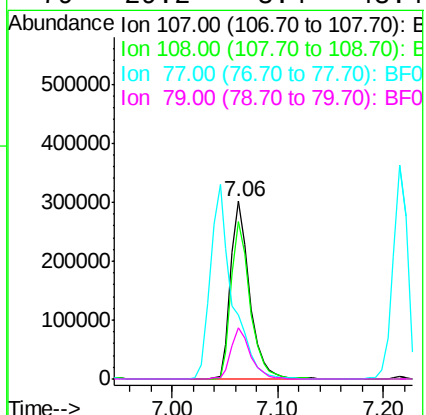
Ion Ratio Lower Upper

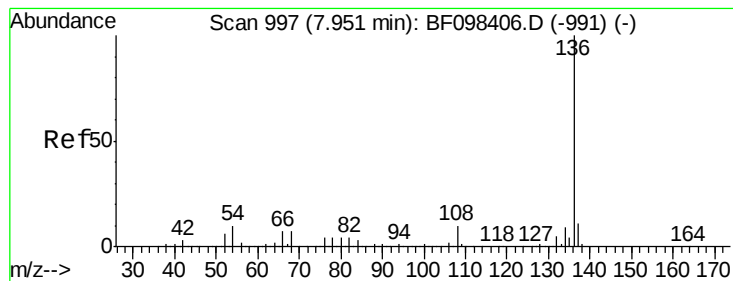
107 100

108 88.8 71.0 111.0

77 36.4 90.5 130.5#

79 29.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

Tgt Ion:136 Resp: 483752

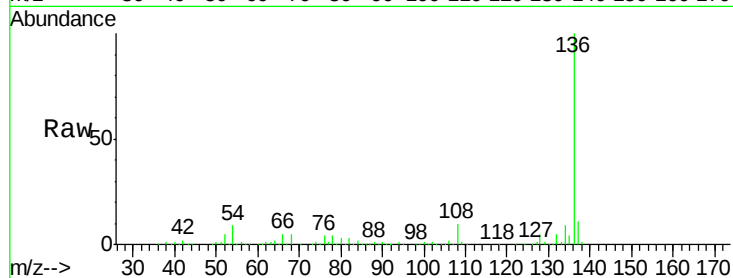
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.9 4.9 7.3#

68 5.3 4.1 6.1

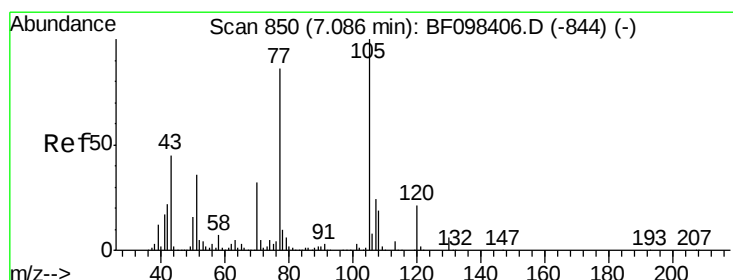
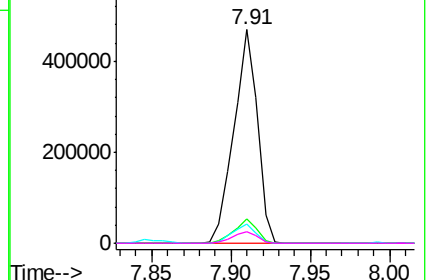
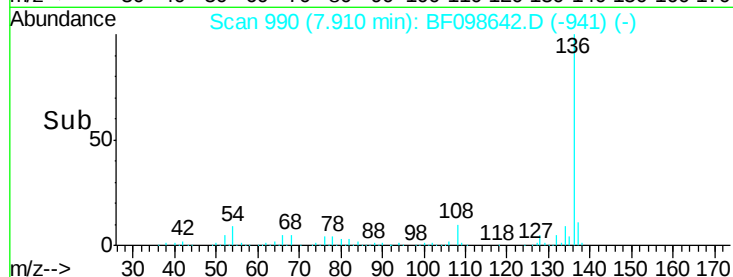


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.845 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Tgt Ion:105 Resp: 473168

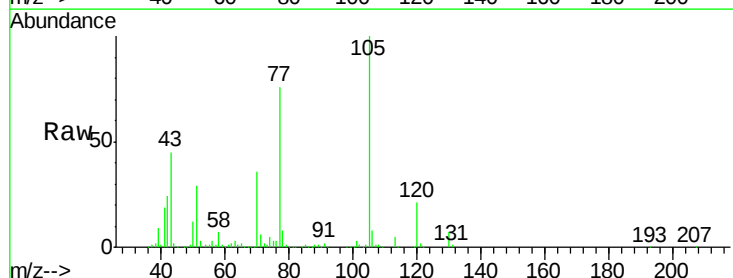
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 28.8 30.7 46.1#

120 20.8 17.4 26.0

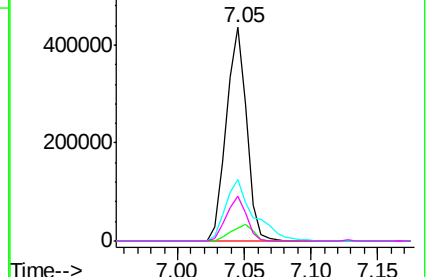
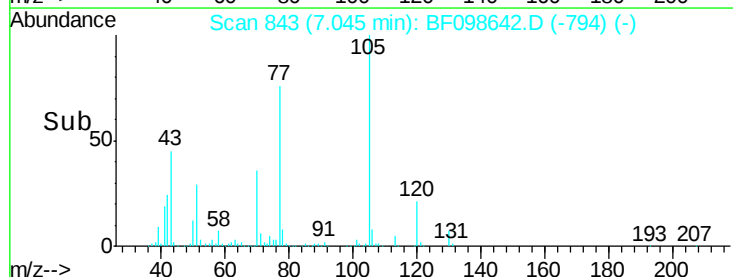


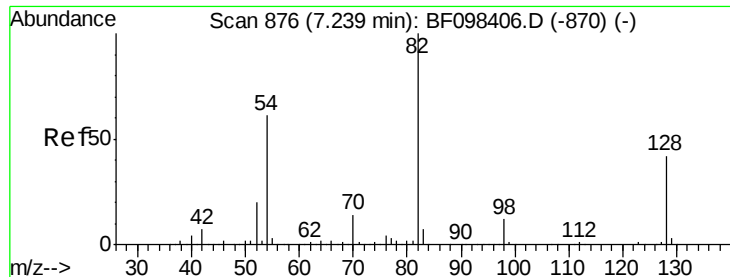
Abundance Ion 105.00 (104.70 to 105.70): E

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

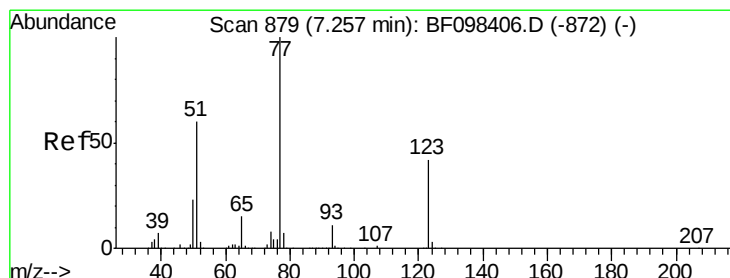
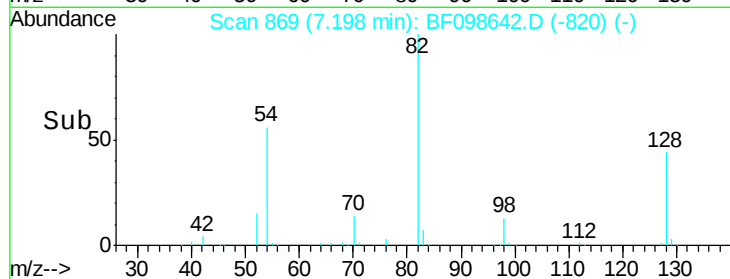
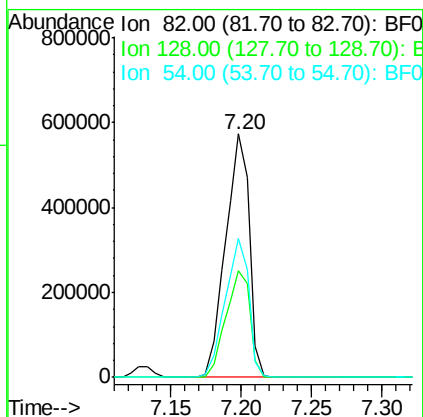
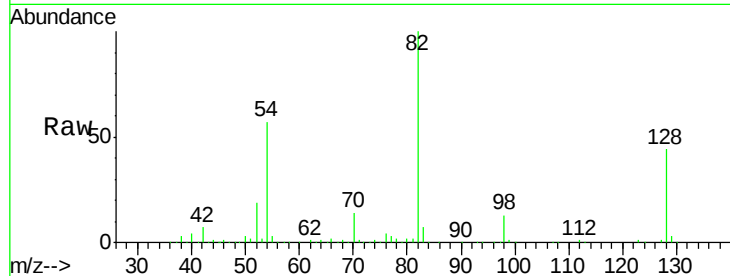




#23
 Nitrobenzene-d5
 Concen: 76.887 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

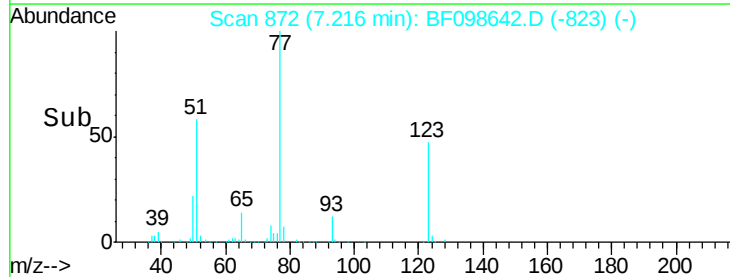
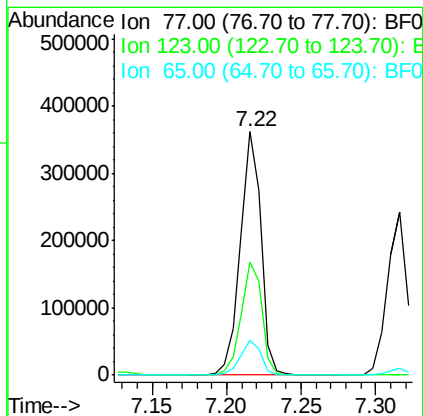
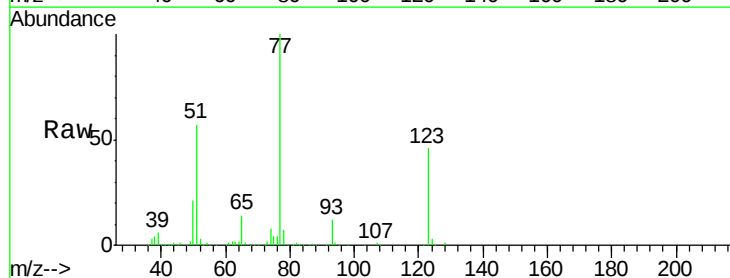
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

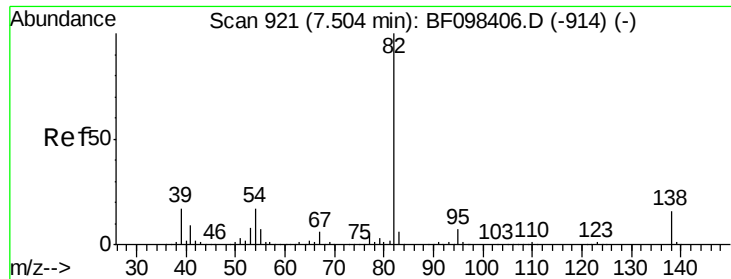
Tgt Ion: 82 Resp: 667167
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.0 51.0
 54 57.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 35.449 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion: 77 Resp: 350374
 Ion Ratio Lower Upper
 77 100
 123 46.2 35.8 53.8
 65 14.1 10.6 15.8





#25

Isophorone

Concen: 35.502 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

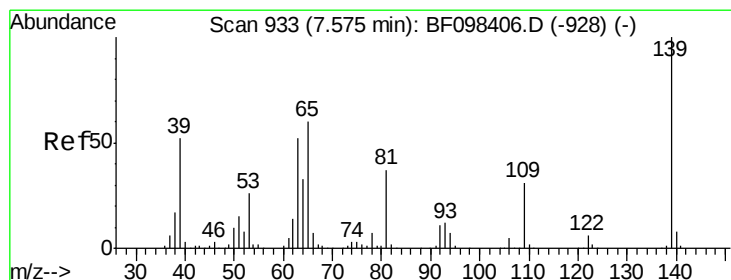
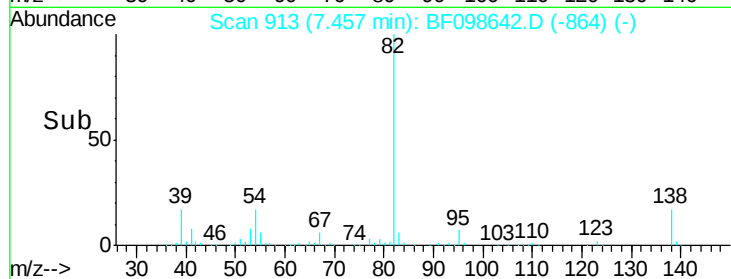
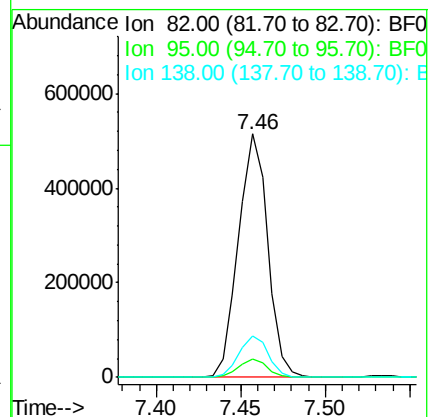
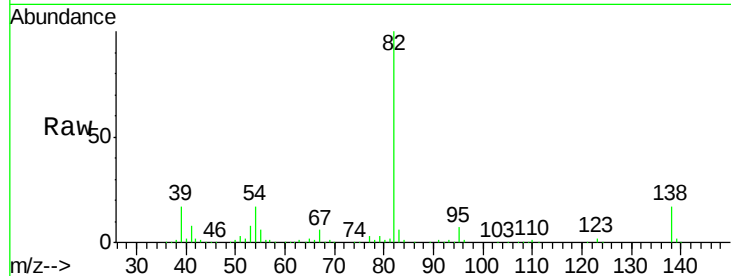
Tgt Ion: 82 Resp: 623290

Ion Ratio Lower Upper

82 100

95 7.5 5.3 7.9

138 17.2 13.1 19.7



#26

2-Nitrophenol

Concen: 44.339 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

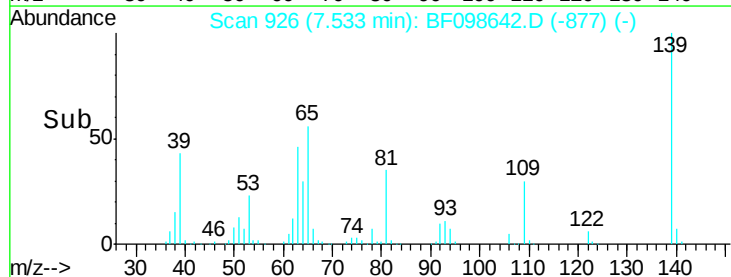
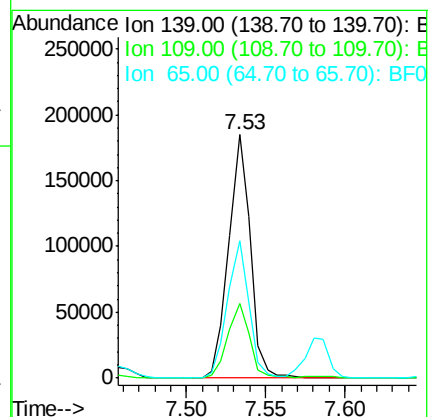
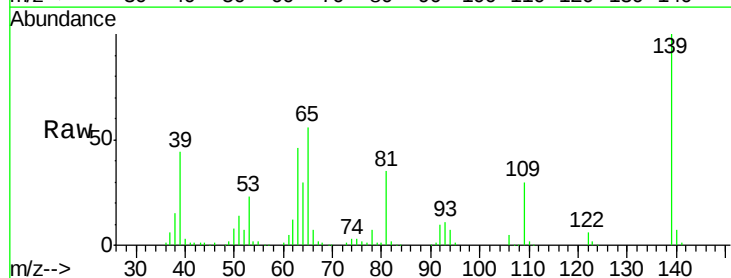
Tgt Ion: 139 Resp: 176944

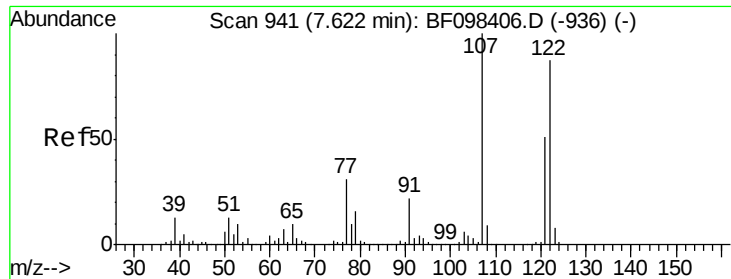
Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

65 56.3 33.0 49.6#

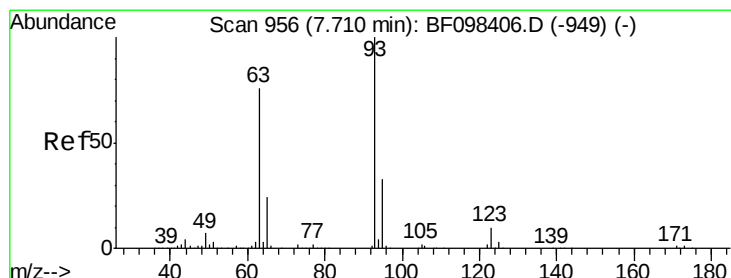
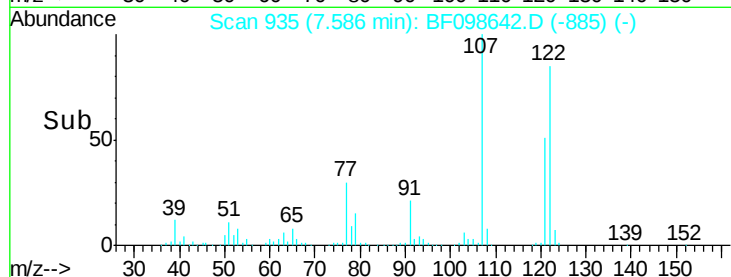
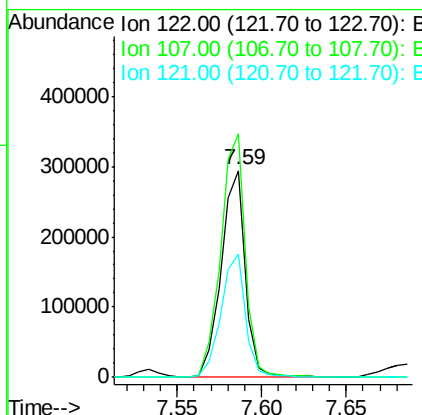
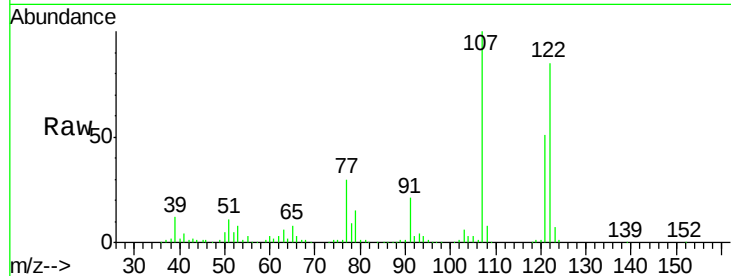




#27
 2,4-Dimethylphenol
 Concen: 38.627 ng
 RT: 7.59 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

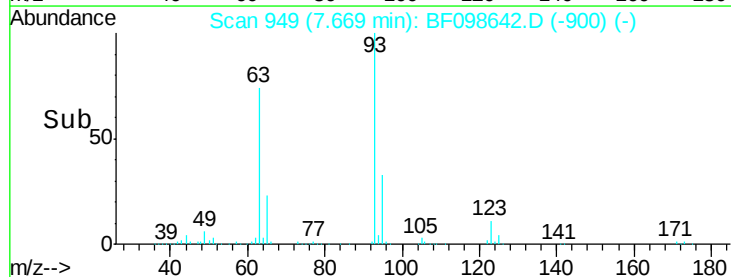
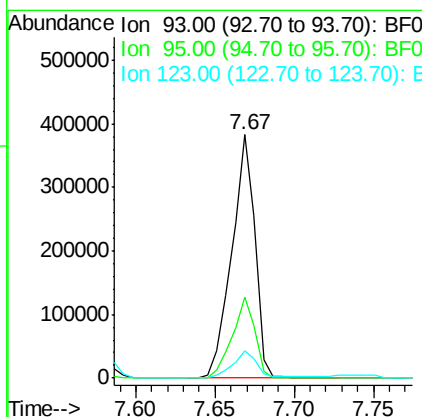
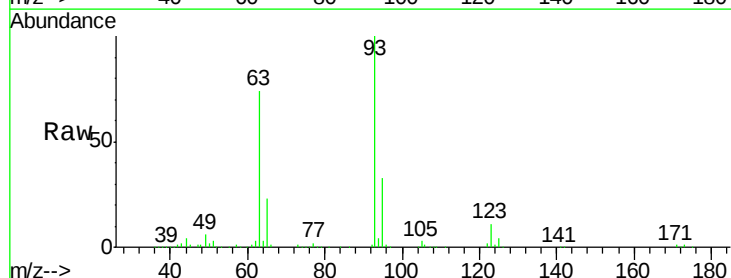
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

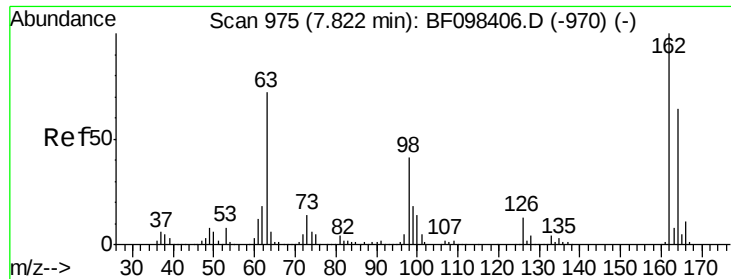
Tgt Ion: 122 Resp: 293857
 Ion Ratio Lower Upper
 122 100
 107 117.9 89.2 133.8
 121 60.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.206 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion: 93 Resp: 387866
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.4 9.0 13.4

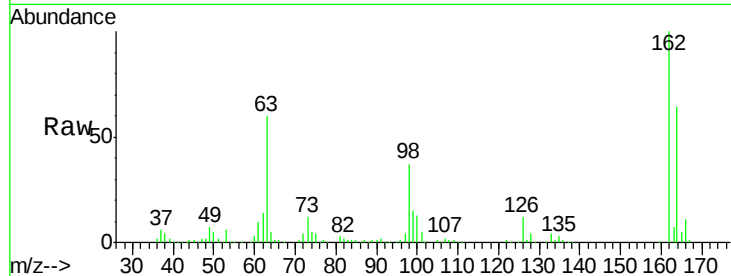




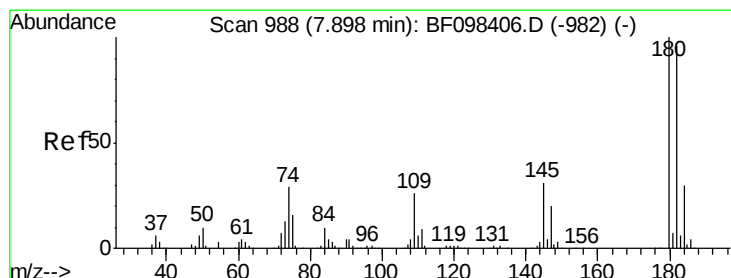
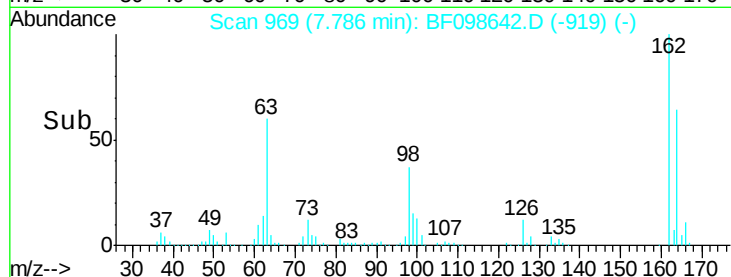
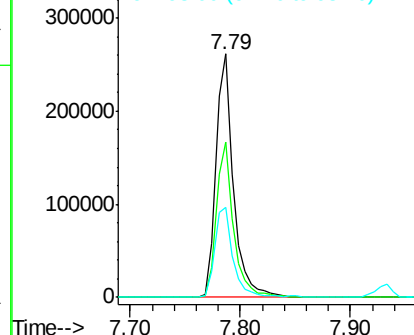
#29
 2,4-Dichlorophenol
 Concen: 44.646 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.8	14.8	54.8

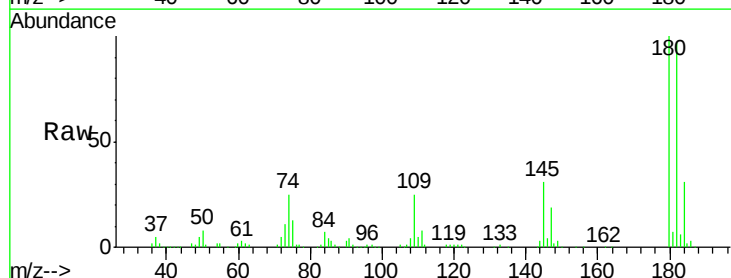


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

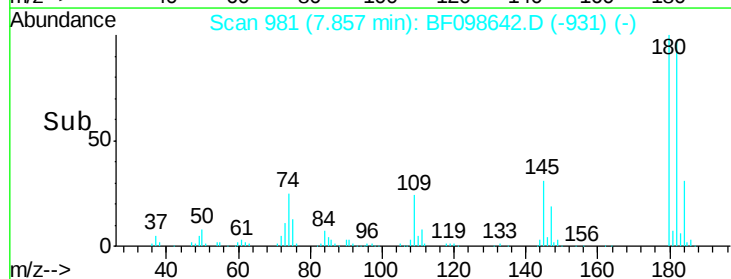
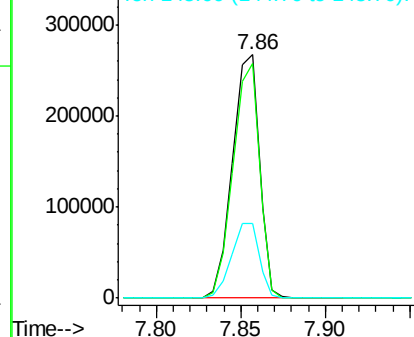


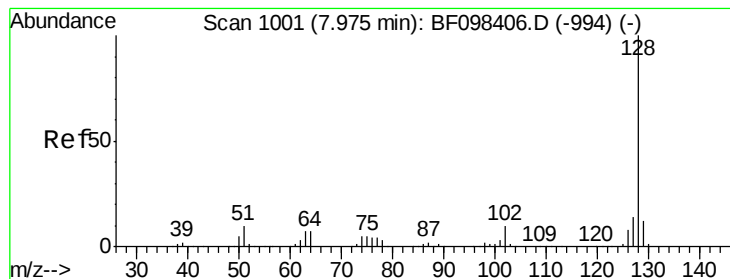
#30
 1,2,4-Trichlorobenzene
 Concen: 43.103 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	30.8	25.3	37.9



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





#31

Naphthalene

Concen: 41.182 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

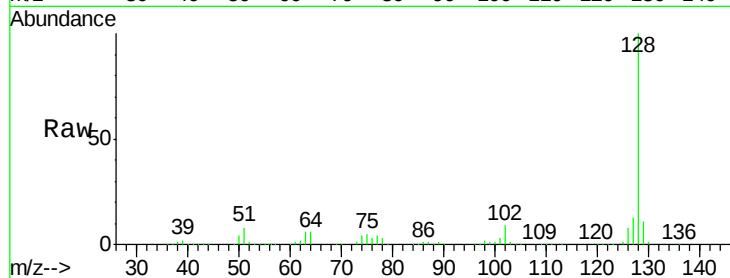
Tgt Ion:128 Resp: 984855

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

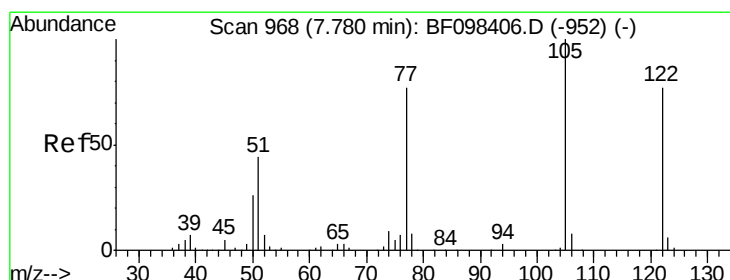
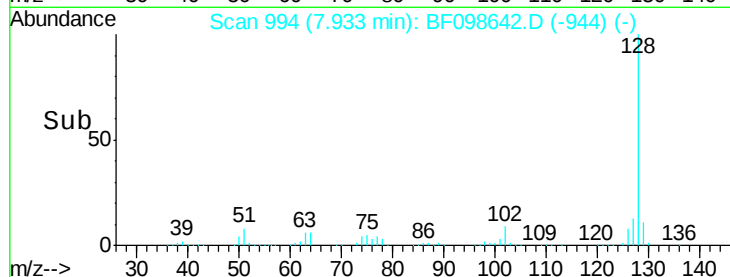
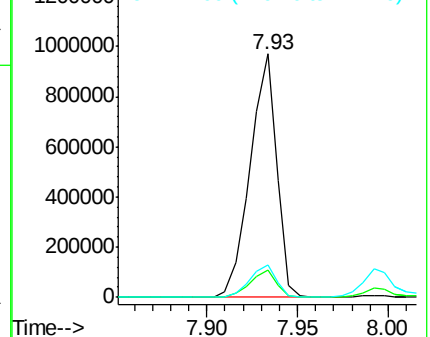
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.240 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

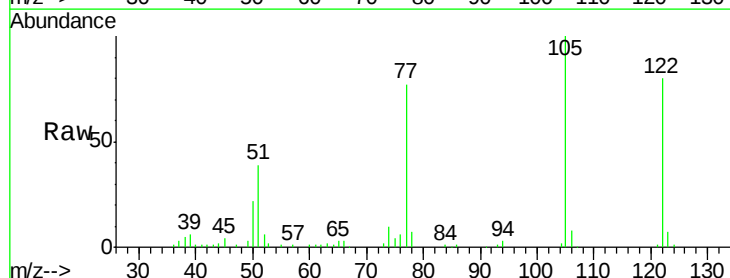
Tgt Ion:122 Resp: 197474

Ion Ratio Lower Upper

122 100

105 125.4 103.3 143.3

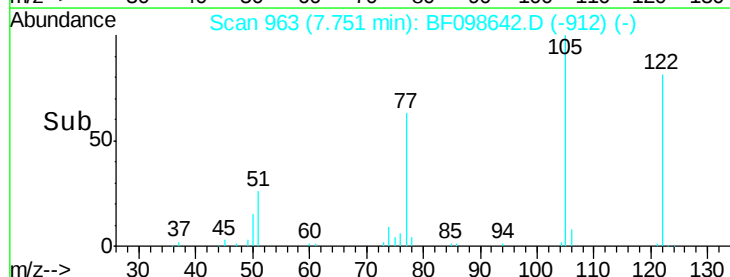
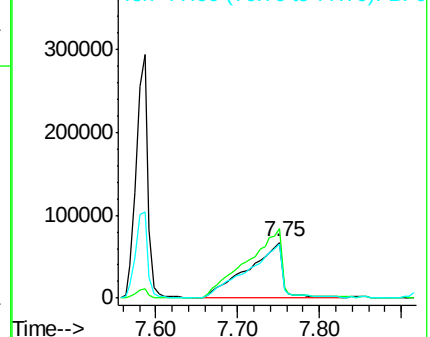
77 96.9 73.7 113.7

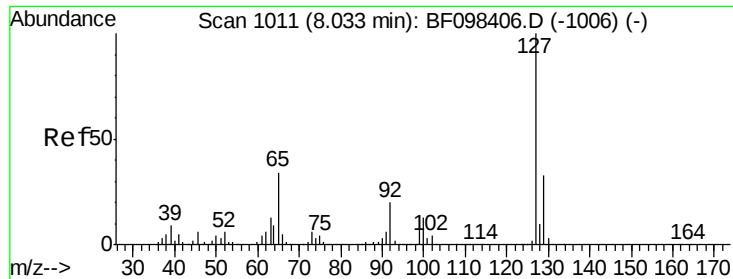


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

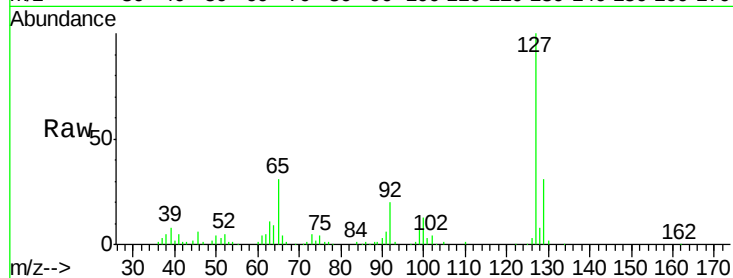




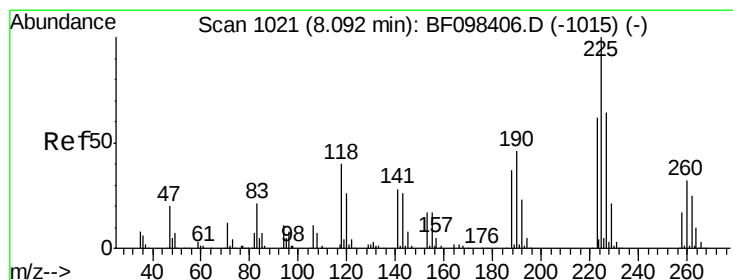
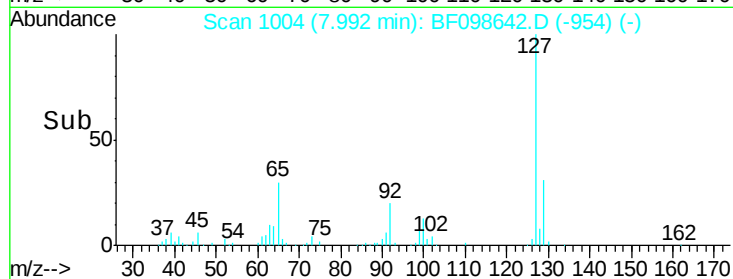
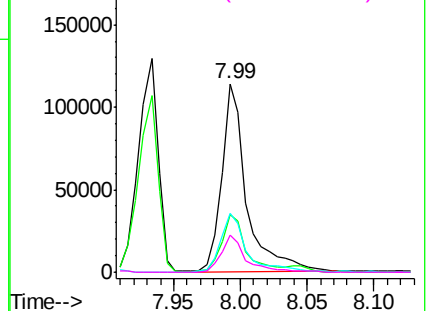
#33
4-Chloroaniline
Concen: 15.400 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102430BS

Tgt Ion:	127	Resp:	149673
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	31.4	27.8	41.8
92	19.6	16.8	25.2

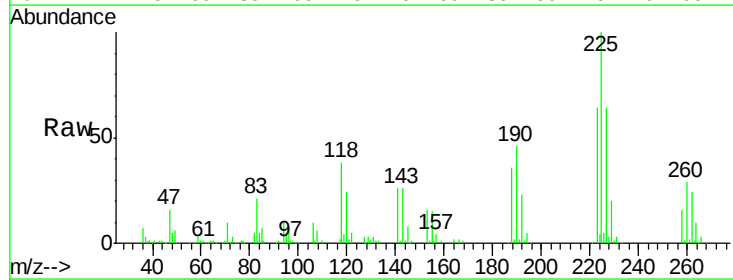


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

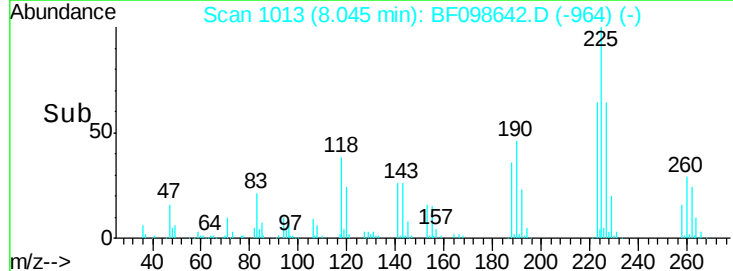
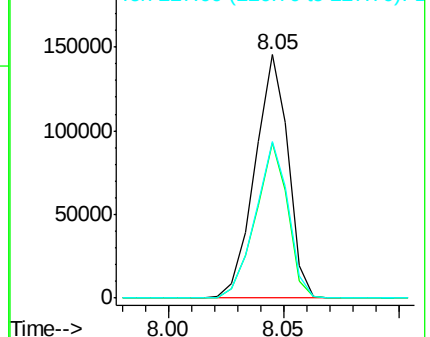


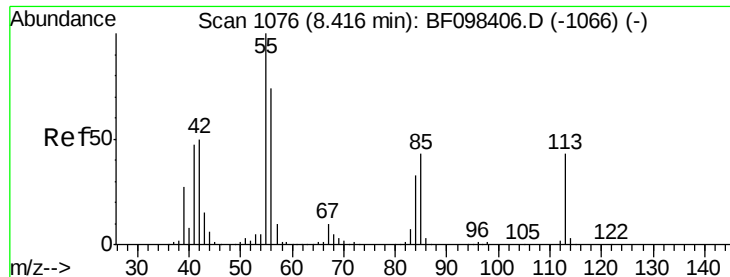
#34
Hexachlorobutadiene
Concen: 41.263 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:	225	Resp:	145793
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	64.5	51.1	76.7



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





#35

Caprolactam

Concen: 45.176 ng m

RT: 8.38 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

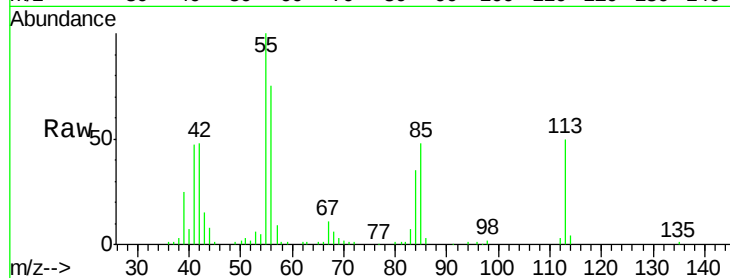
Tgt Ion:113 Resp: 98563

Ion Ratio Lower Upper

113 100

55 199.4 150.2 190.2#

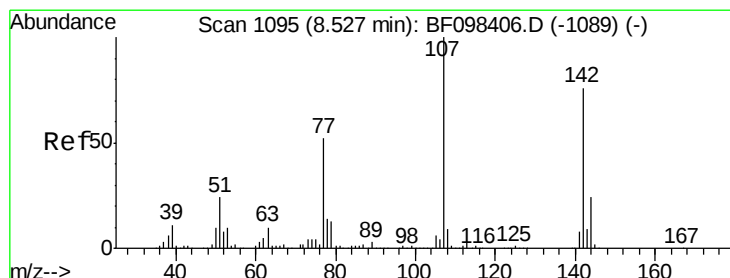
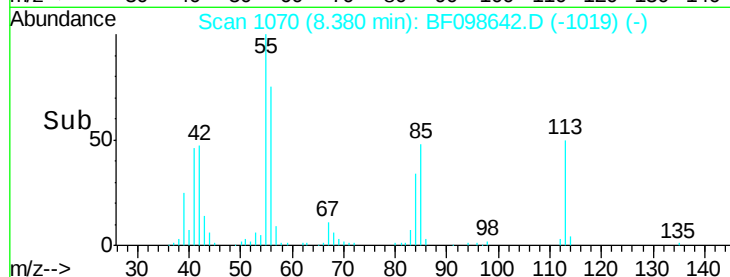
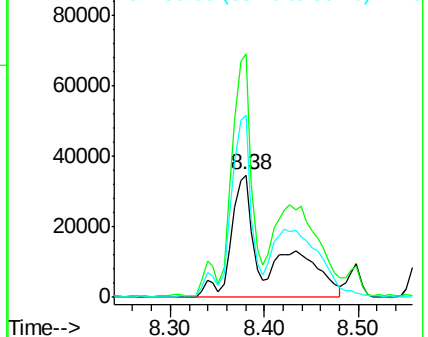
56 149.4 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.030 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

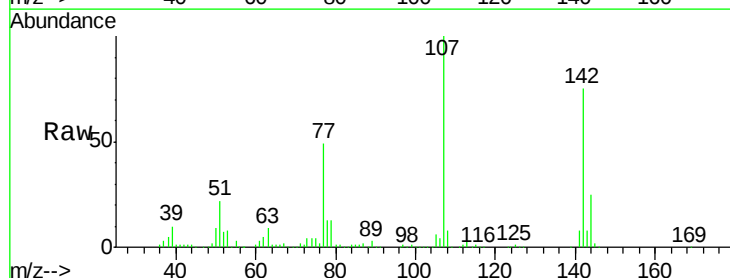
Tgt Ion:107 Resp: 314101

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

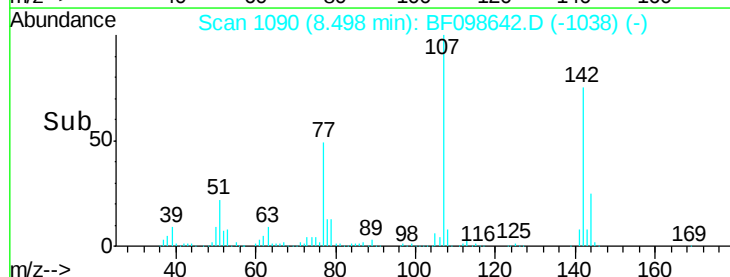
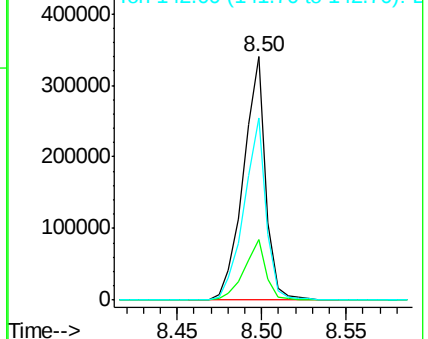
142 74.7 73.4 110.0

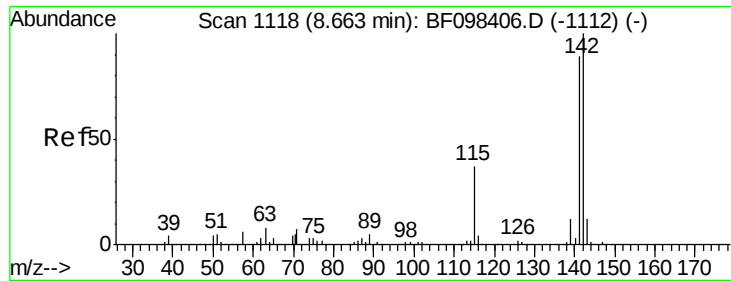


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

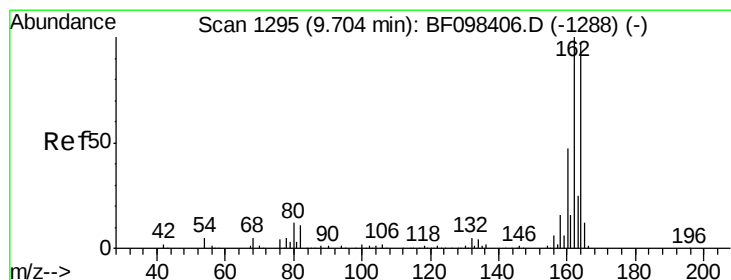
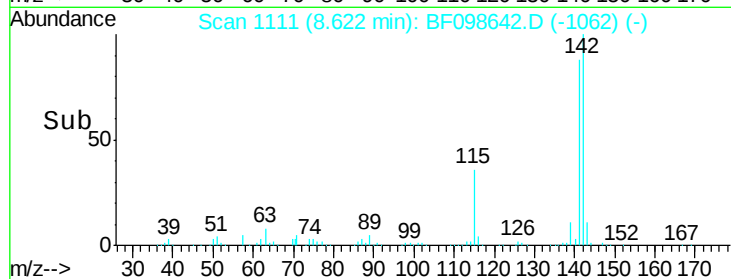
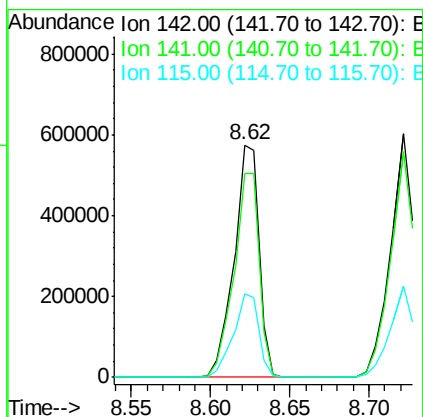
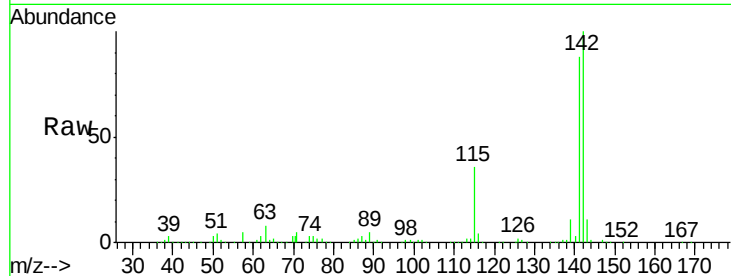




#37
2-Methylnaphthalene
Concen: 43.561 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

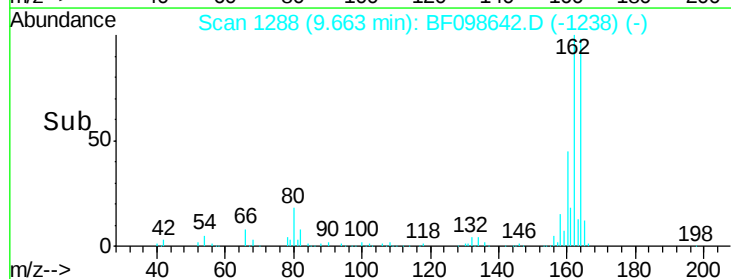
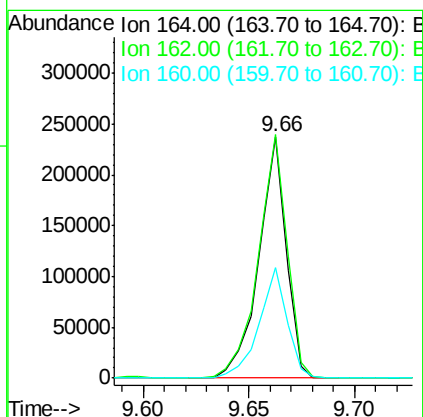
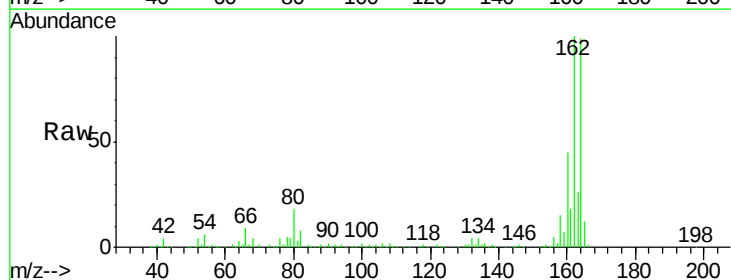
Instrument :
BNA_F
ClientSampleId :
PB102430BS

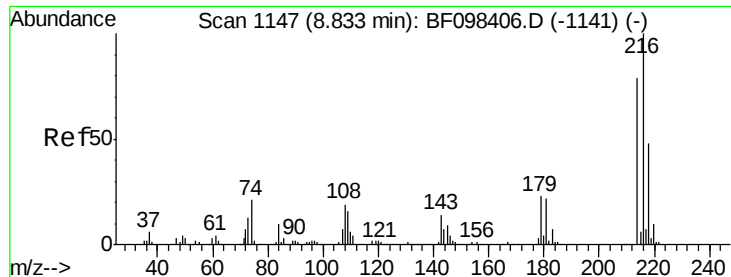
Tgt Ion:142 Resp: 631012
Ion Ratio Lower Upper
142 100
141 87.6 71.3 106.9
115 36.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:164 Resp: 215285
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 45.6 36.2 54.2

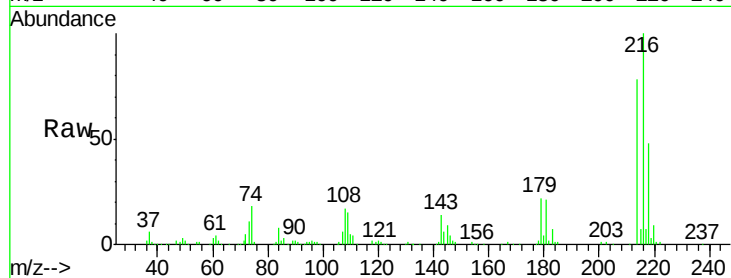




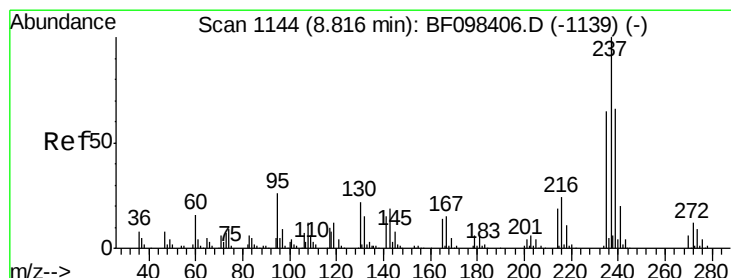
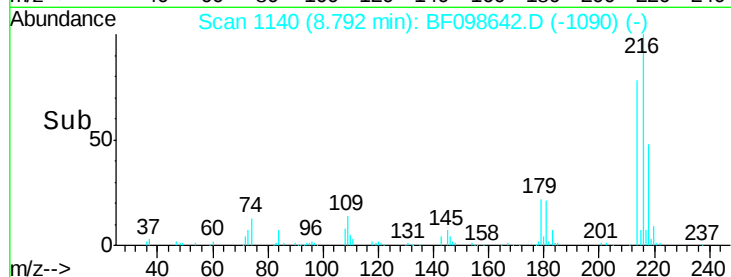
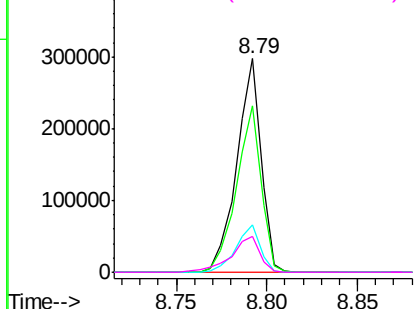
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.240 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Tgt Ion:	216	Resp:	276561
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.2	17.9	26.9
108	19.9	16.5	24.7

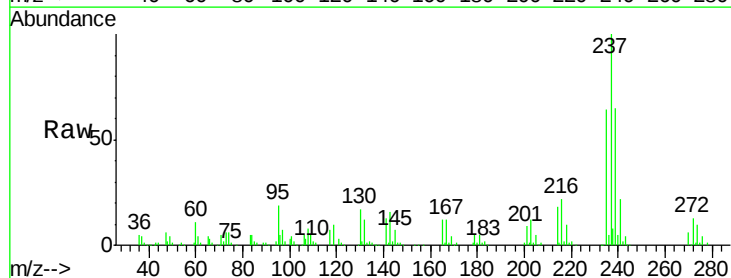


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

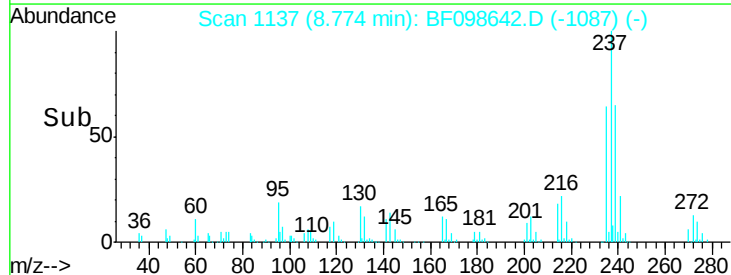
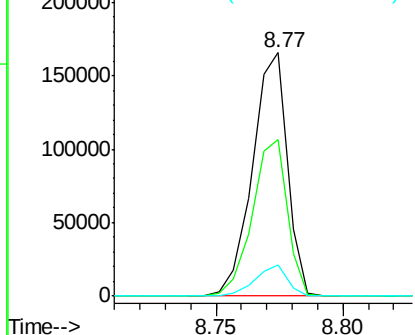


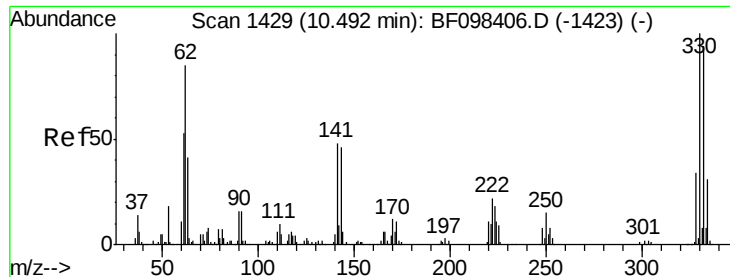
#40
 Hexachlorocyclopentadiene
 Concen: 81.063 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:	237	Resp:	159488
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.6	82.6
272	12.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

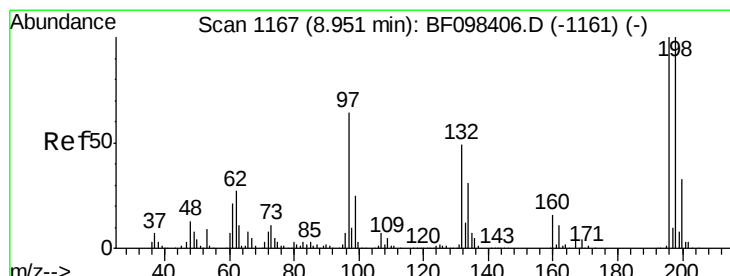
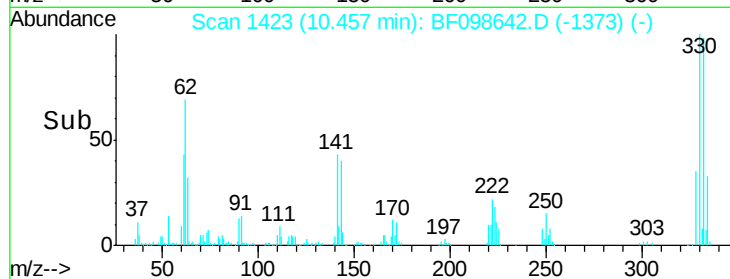
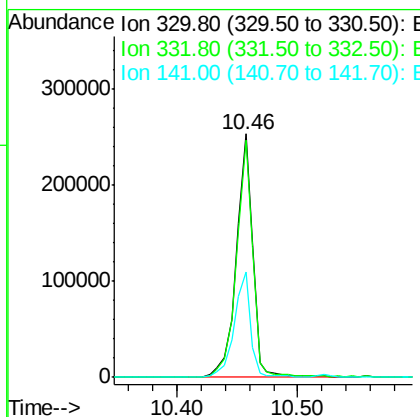
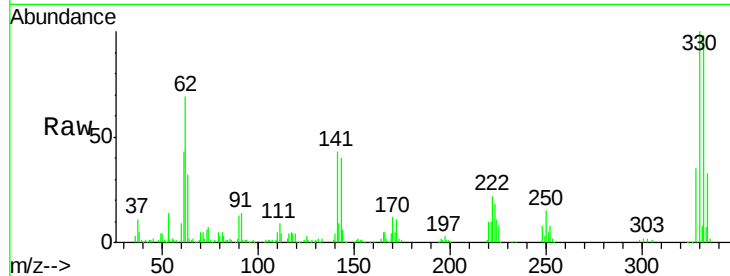




#41
 2,4,6-Tribromophenol
 Concen: 168.756 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

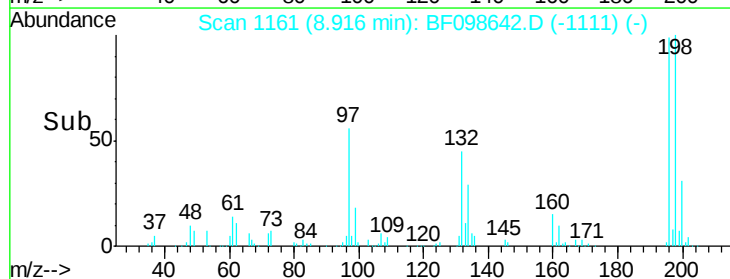
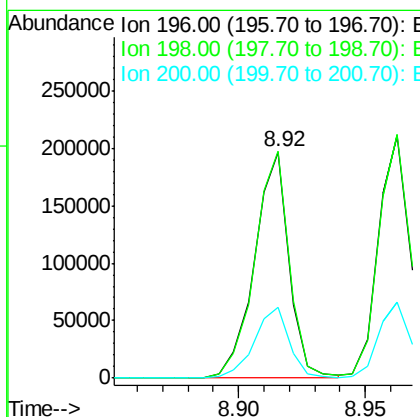
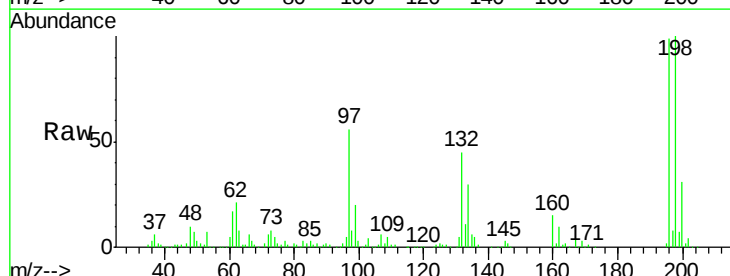
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

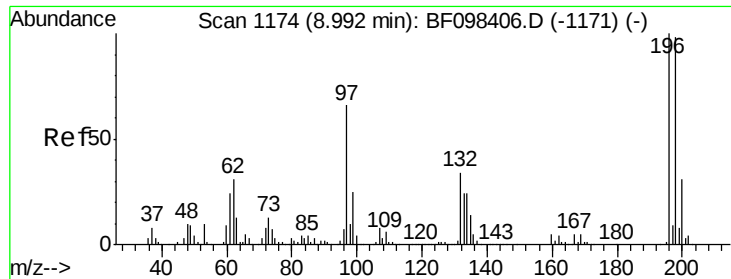
Tgt Ion:330 Resp: 242478
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 42.9 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 47.662 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:196 Resp: 187740
 Ion Ratio Lower Upper
 196 100
 198 100.7 74.2 111.4
 200 31.3 24.0 36.0

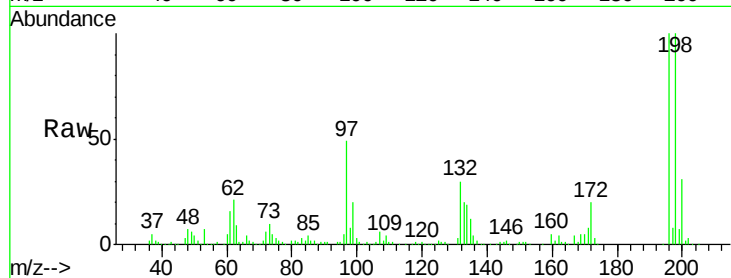




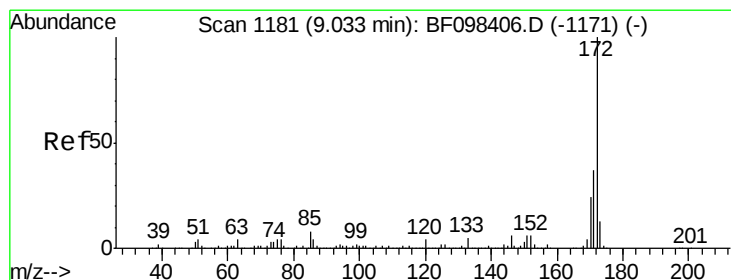
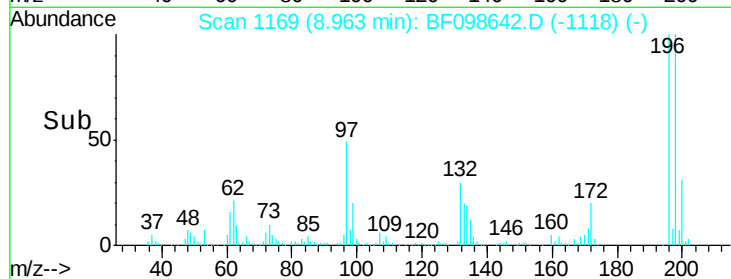
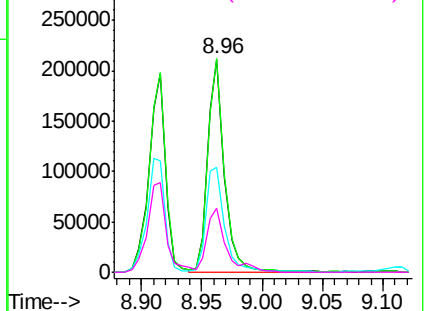
#43
 2,4,5-Trichlorophenol
 Concen: 48.440 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Tgt Ion:196 Resp: 199432
 Ion Ratio Lower Upper
 196 100
 198 100.3 75.7 113.5
 97 49.4 47.7 71.5
 132 30.0 28.0 42.0

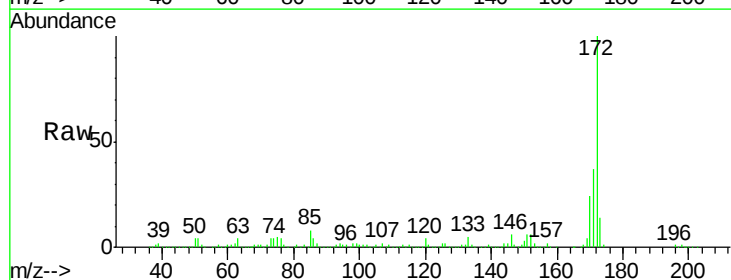


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

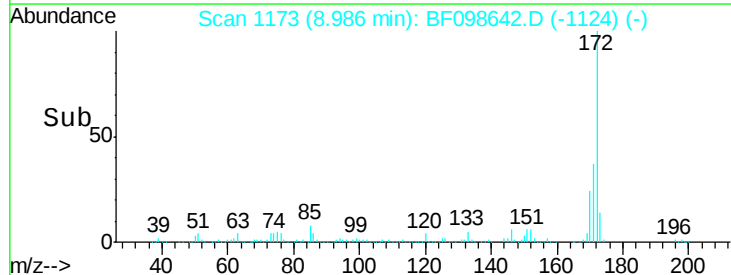
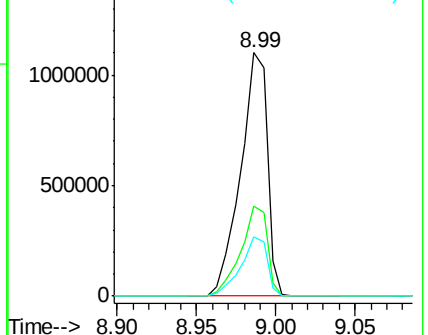


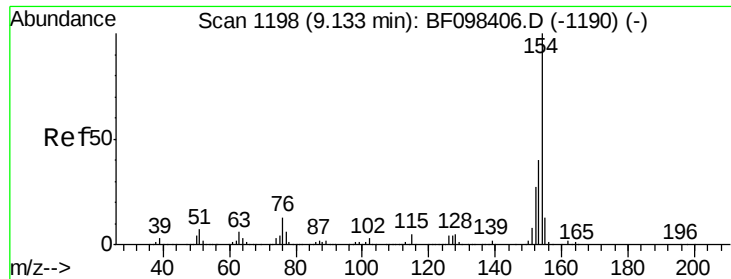
#44
 2-Fluorobiphenyl
 Concen: 100.980 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:172 Resp: 1282632
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.1 19.8 29.8



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

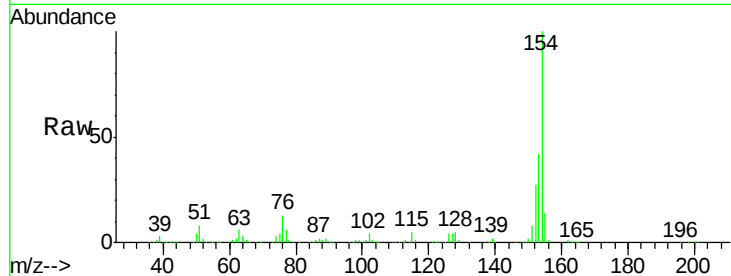




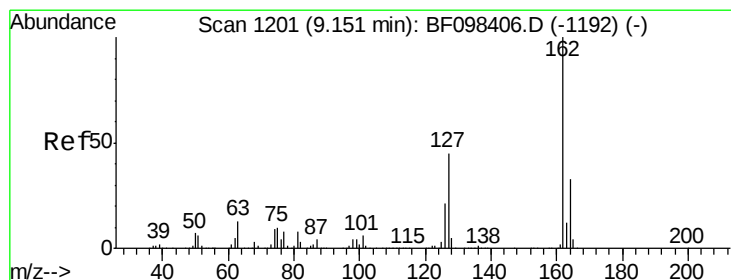
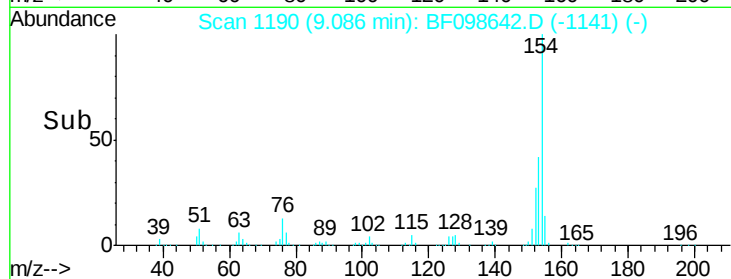
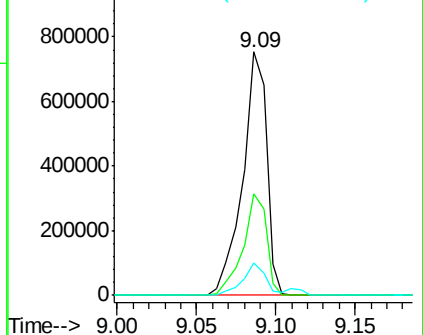
#45
 1,1'-Biphenyl
 Concen: 40.834 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	13.1	0.0	29.9

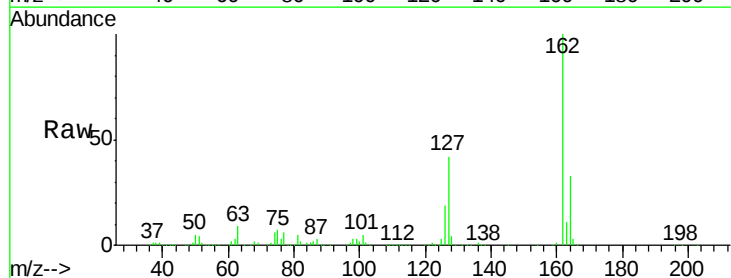


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

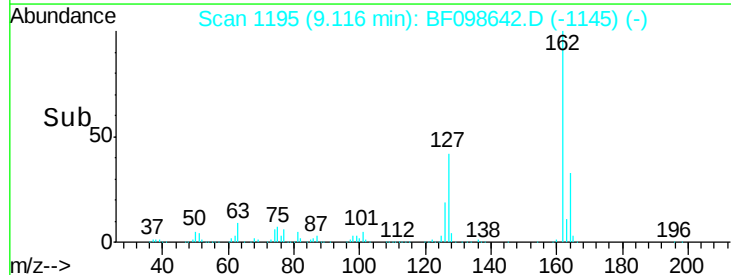
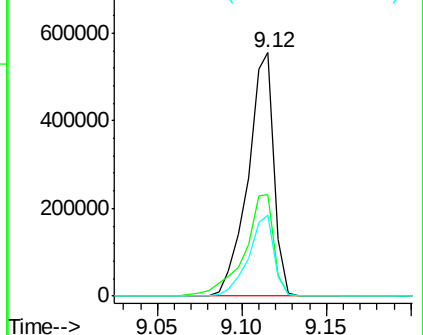


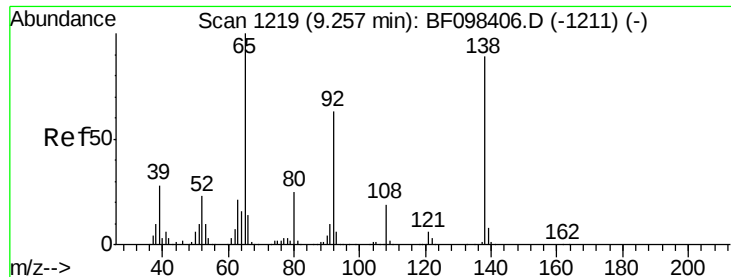
#46
 2-Chloronaphthalene
 Concen: 43.342 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	28.3	42.5
164	33.2	27.0	40.4



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





#47

2-Nitroaniline

Concen: 40.904 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

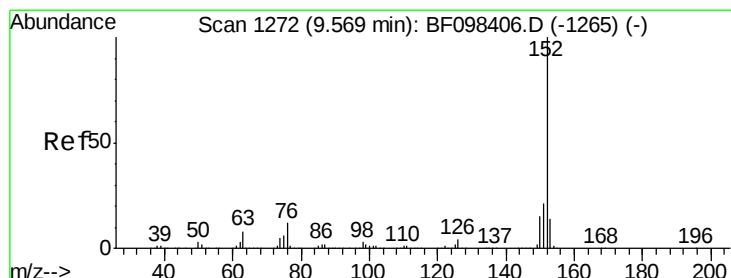
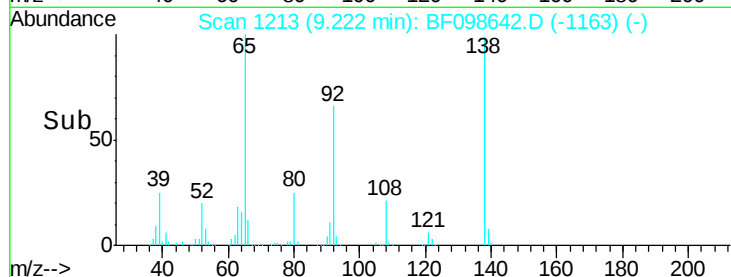
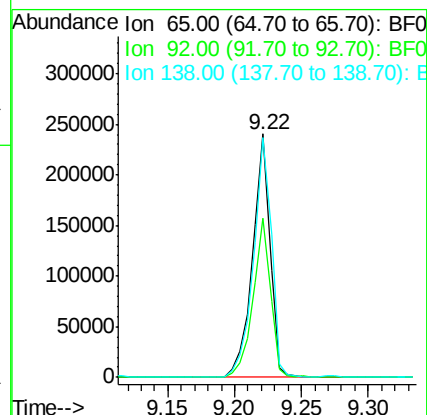
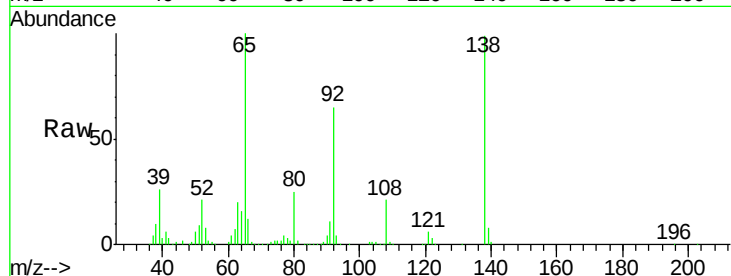
Tgt Ion: 65 Resp: 216055

Ion Ratio Lower Upper

65 100

92 65.4 53.9 80.9

138 98.6 78.8 118.2



#48

Acenaphthylene

Concen: 43.453 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

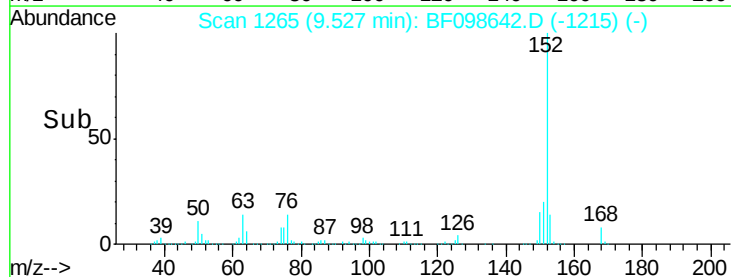
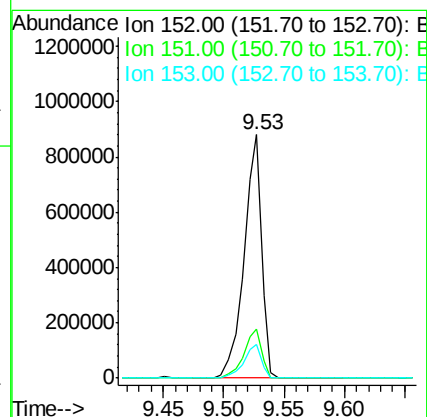
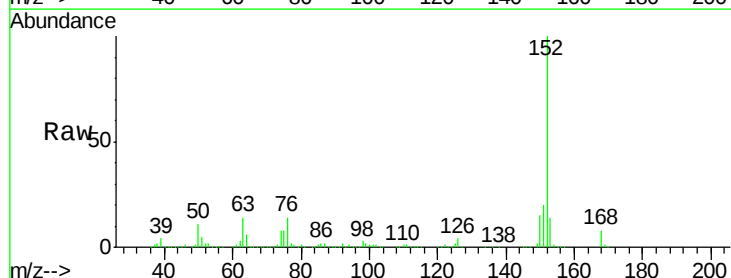
Tgt Ion: 152 Resp: 889121

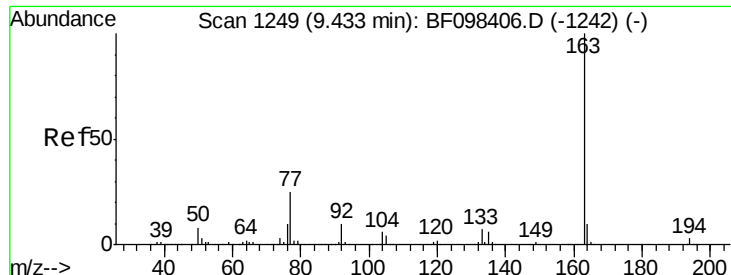
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.8 10.8 16.2

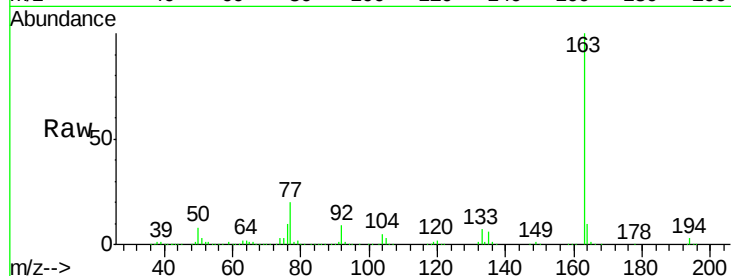




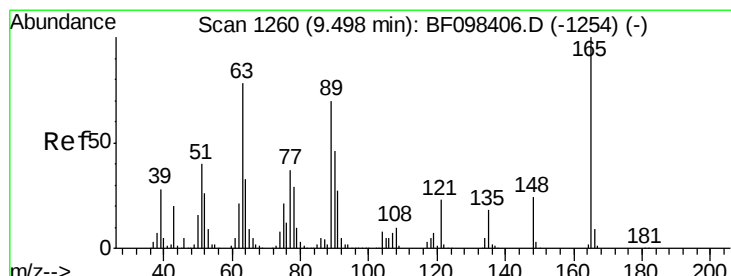
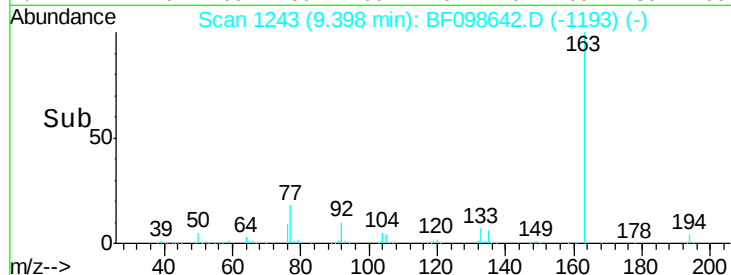
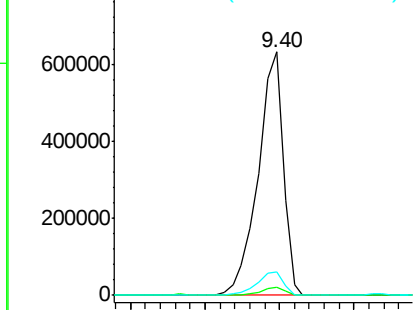
#49
Dimethylphthalate
Concen: 44.004 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102430BS

Tgt Ion:163 Resp: 733311
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6

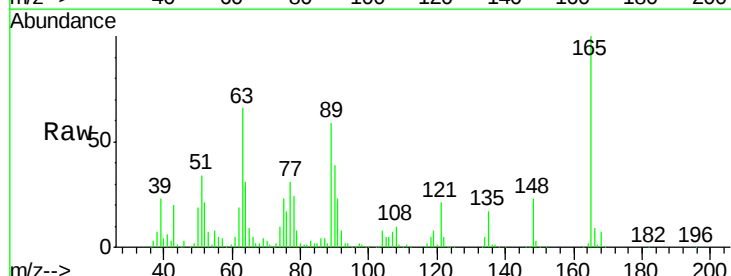


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

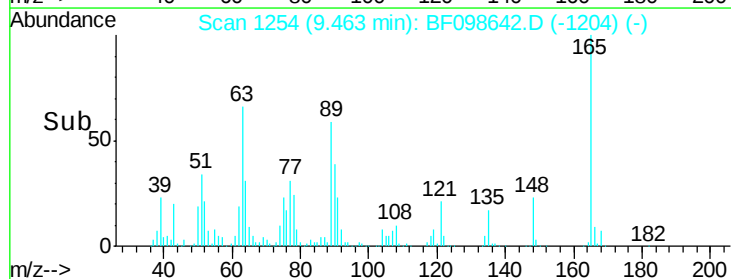
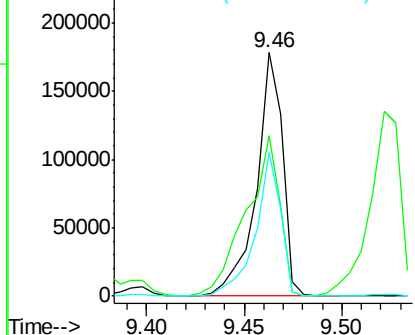


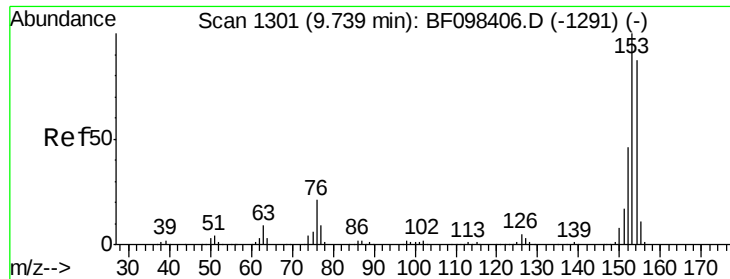
#50
2,6-Dinitrotoluene
Concen: 48.395 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:165 Resp: 165662
Ion Ratio Lower Upper
165 100
63 65.9 34.3 51.5#
89 59.0 37.1 55.7#



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





#51

Acenaphthene

Concen: 39.866 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

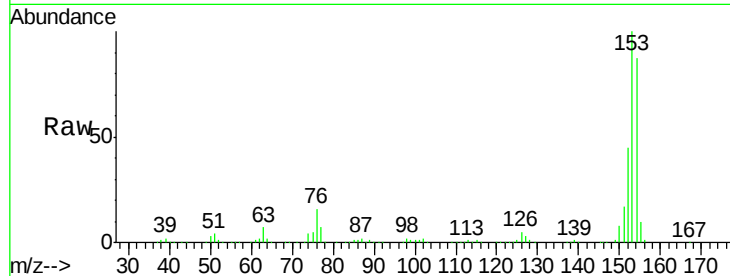
Tgt Ion:154 Resp: 518523

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

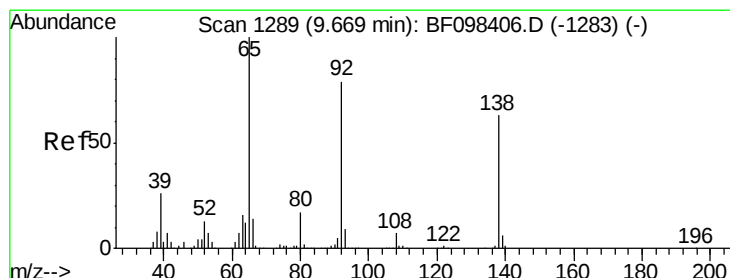
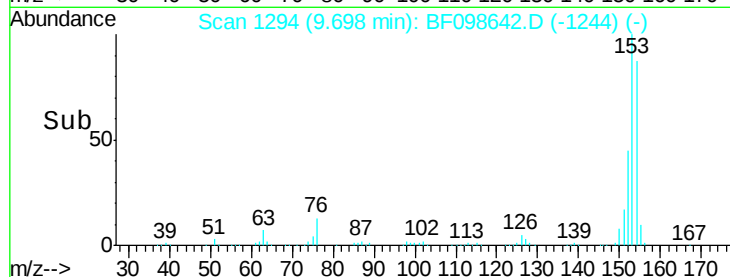
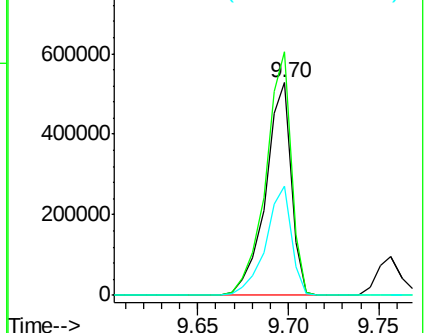
152 51.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.651 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

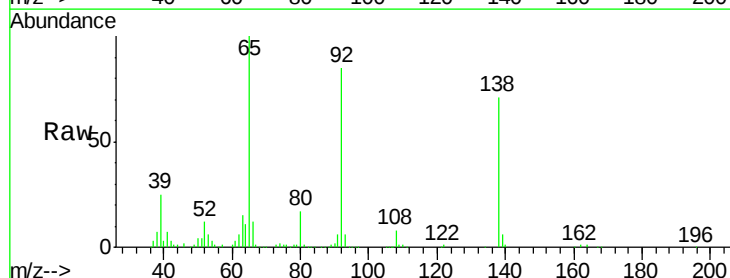
Tgt Ion:138 Resp: 114257

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

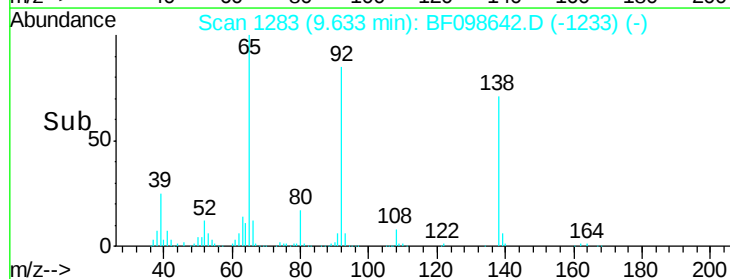
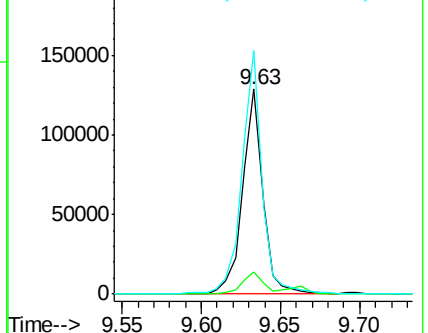
92 119.0 93.8 140.6

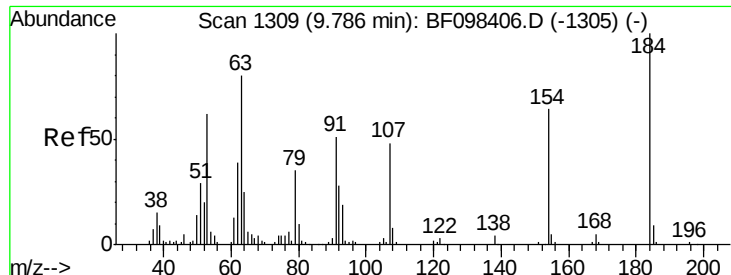


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

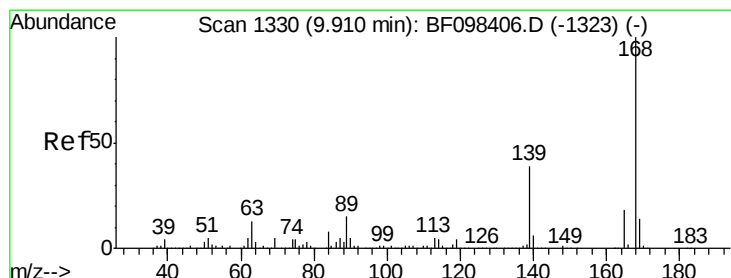
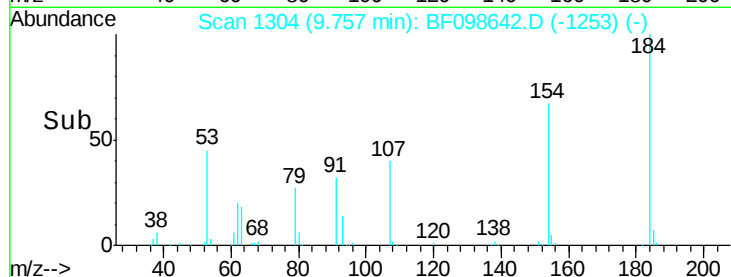
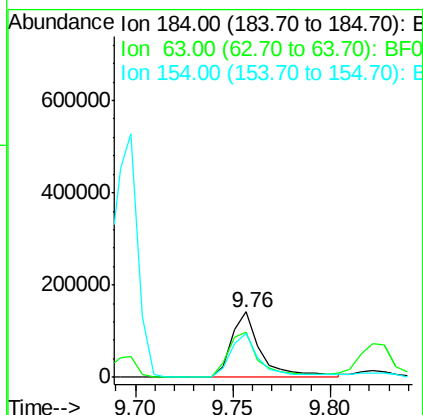
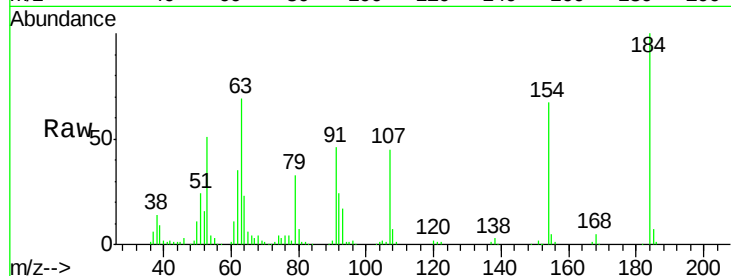




#53
2,4-Dinitrophenol
Concen: 90.649 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

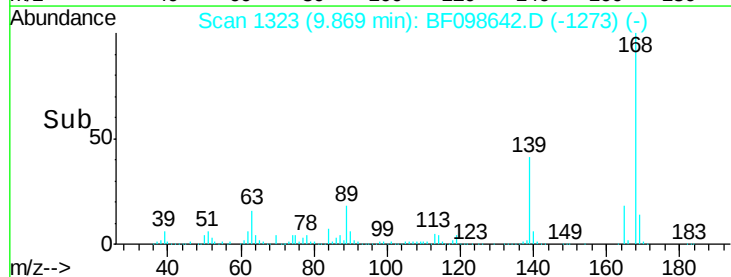
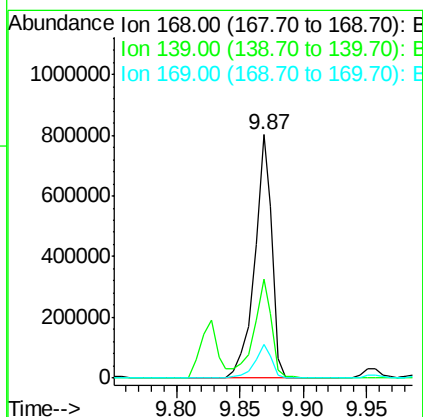
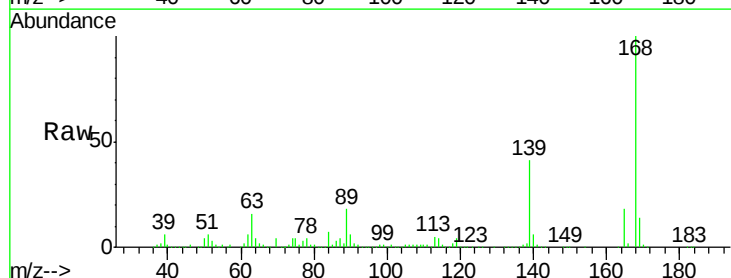
Instrument :
BNA_F
ClientSampleId :
PB102430BS

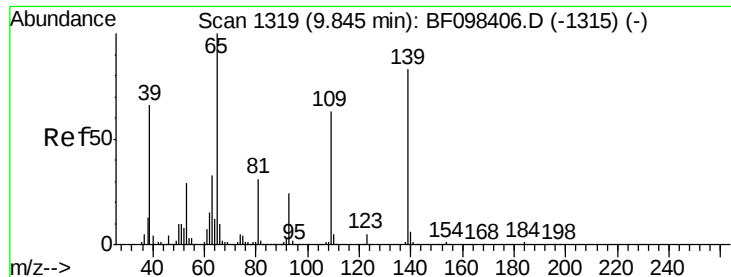
Tgt Ion:184 Resp: 148736
Ion Ratio Lower Upper
184 100
63 69.0 62.7 94.1
154 67.3 81.1 121.7#



#54
Dibenzofuran
Concen: 44.469 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:168 Resp: 761974
Ion Ratio Lower Upper
168 100
139 40.7 30.6 45.8
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 78.849 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

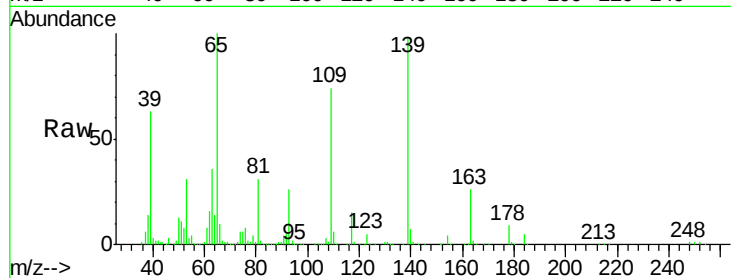
Tgt Ion:139 Resp: 187192

Ion Ratio Lower Upper

139 100

109 75.8 34.1 74.1#

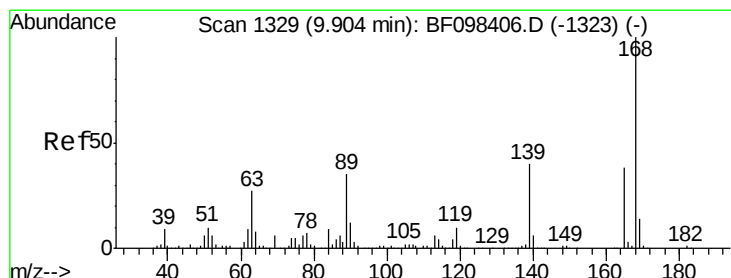
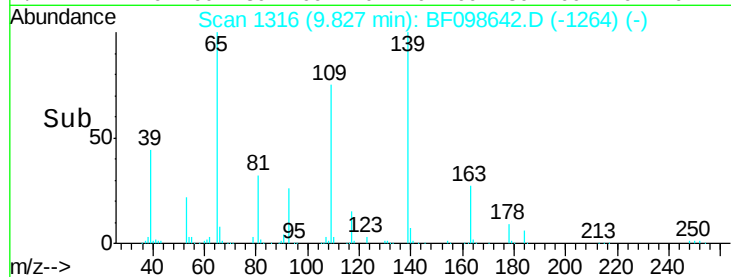
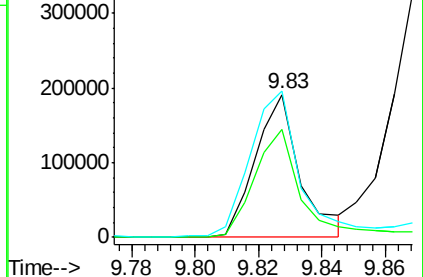
65 102.3 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 48.384 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Tgt Ion:165 Resp: 201360

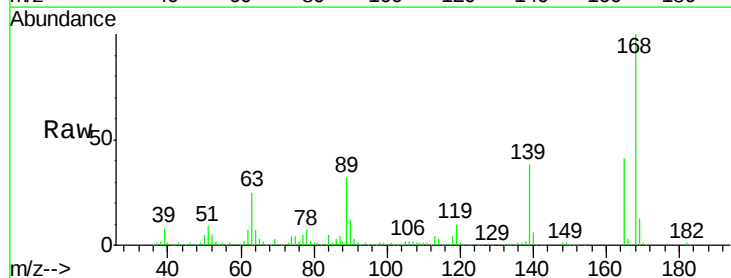
Ion Ratio Lower Upper

165 100

63 60.7 25.4 38.0#

89 79.6 46.4 69.6#

182 2.3 1.8 2.6

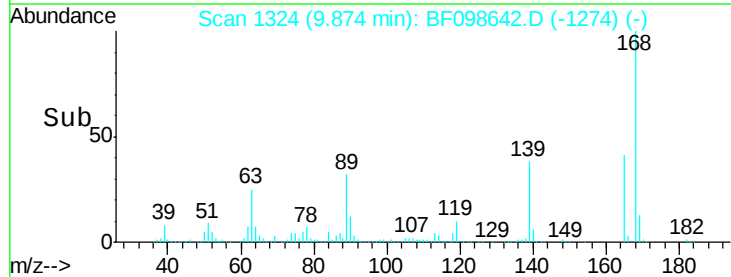
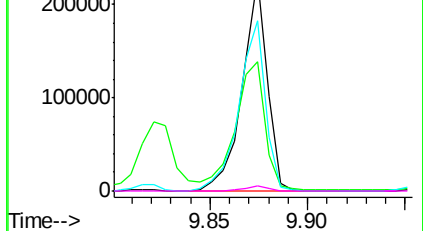


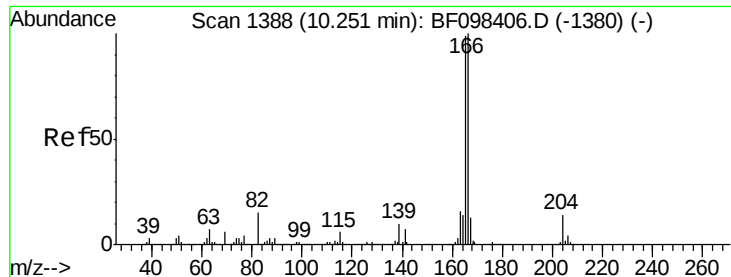
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.766 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

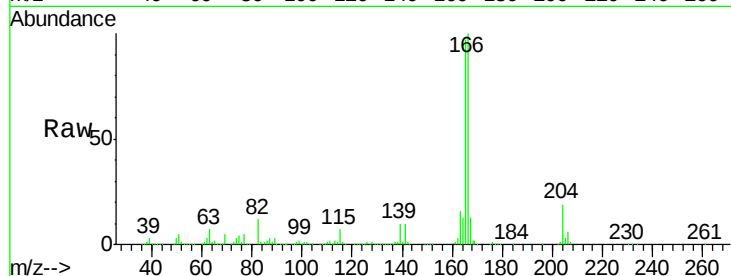
Tgt Ion:166 Resp: 634903

Ion Ratio Lower Upper

166 100

165 97.0 78.8 118.2

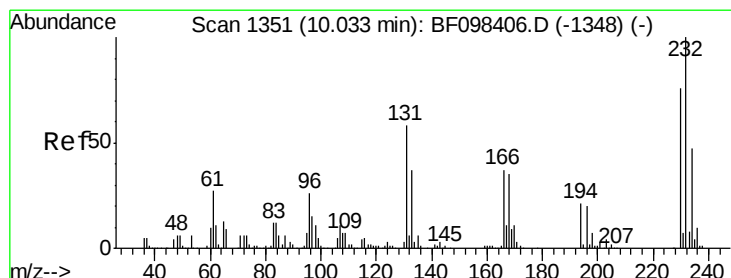
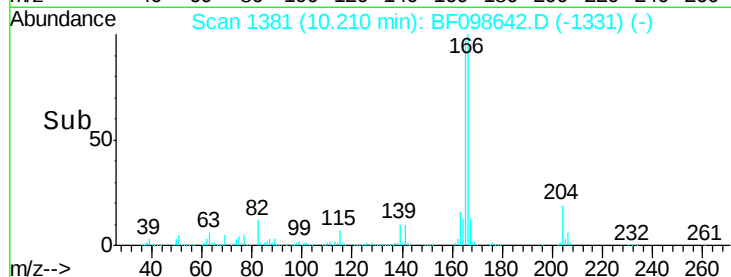
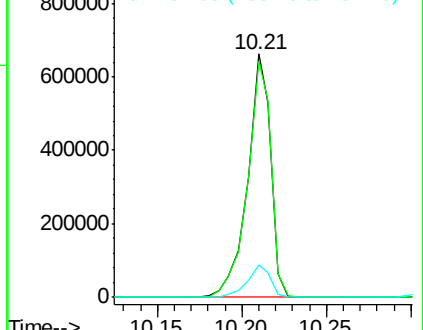
167 13.3 10.6 16.0



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: 51.244 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Tgt Ion:232 Resp: 141786

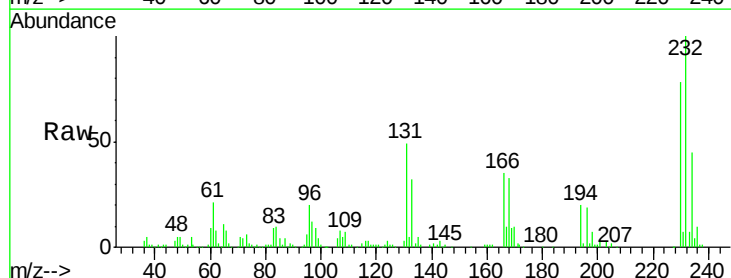
Ion Ratio Lower Upper

232 100

131 53.8 44.8 67.2

130 2.7 2.3 3.5

166 33.9 29.0 43.4

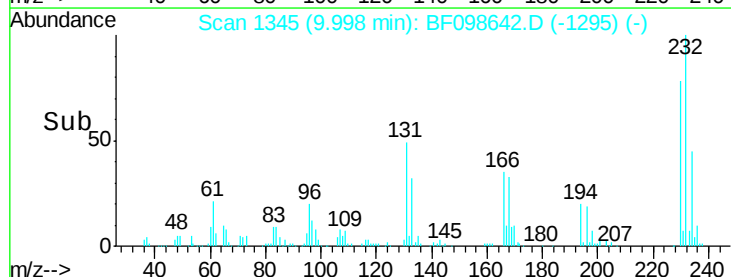
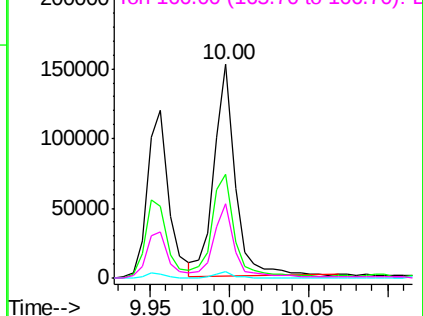


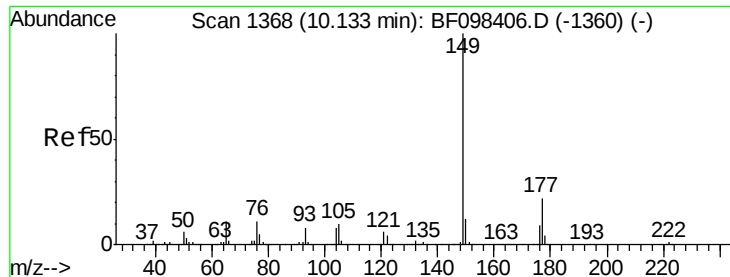
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

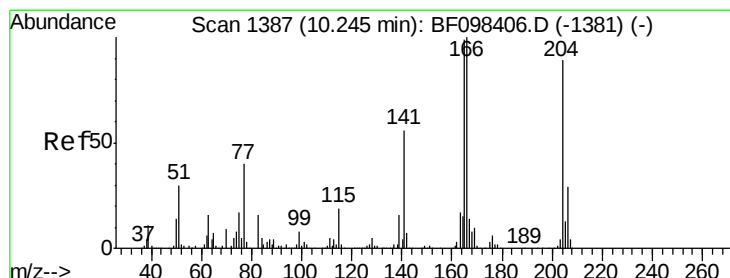
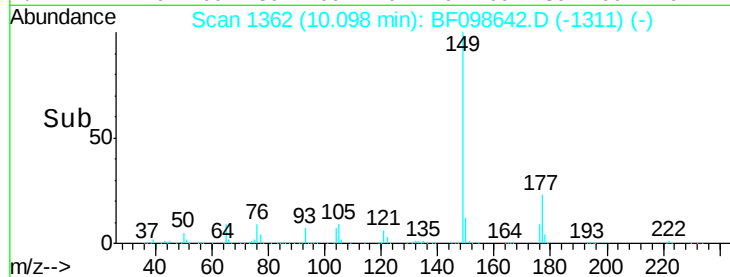
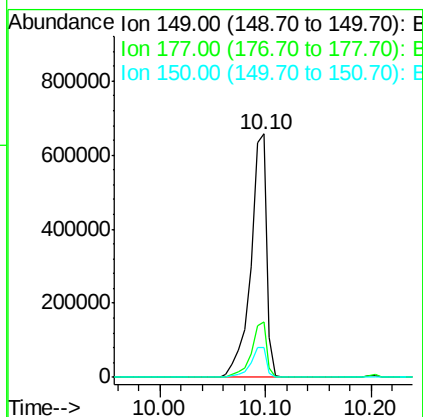
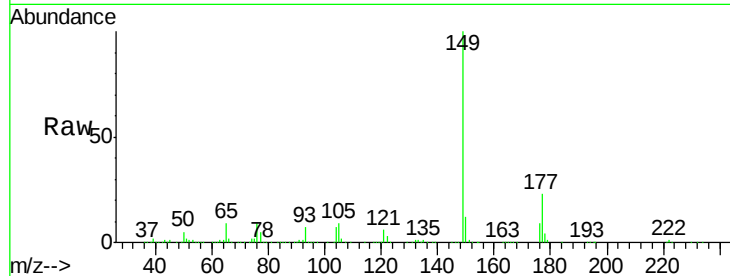




#59
Diethylphthalate
Concen: 43.642 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

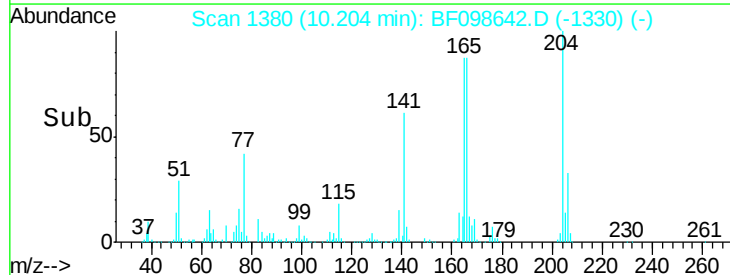
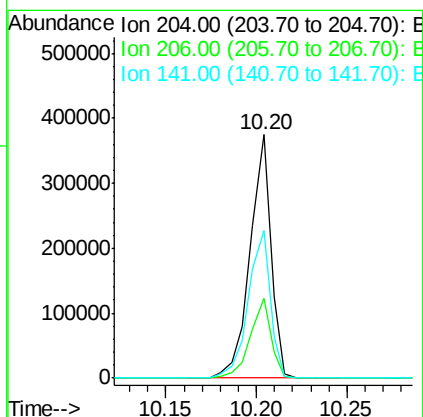
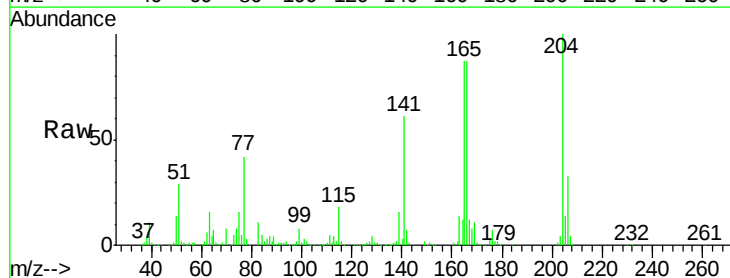
Instrument :
BNA_F
ClientSampleId :
PB102430BS

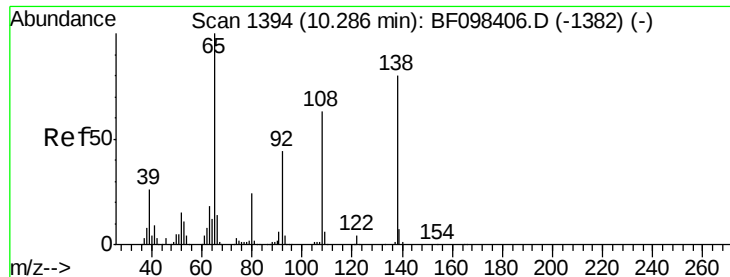
Tgt Ion:149 Resp: 691670
Ion Ratio Lower Upper
149 100
177 22.5 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.145 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:204 Resp: 302289
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.9 60.8 91.2





#61

4-Nitroaniline

Concen: 40.562 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

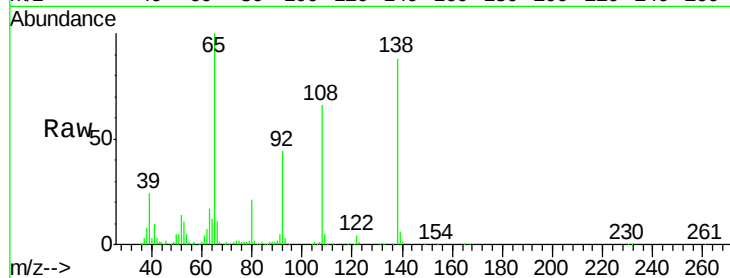
Tgt Ion:138 Resp: 169268

Ion Ratio Lower Upper

138 100

92 50.0 21.8 61.8

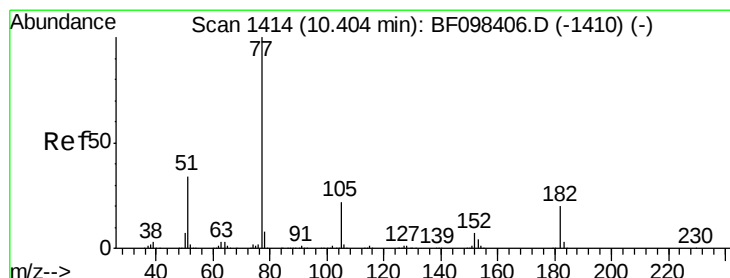
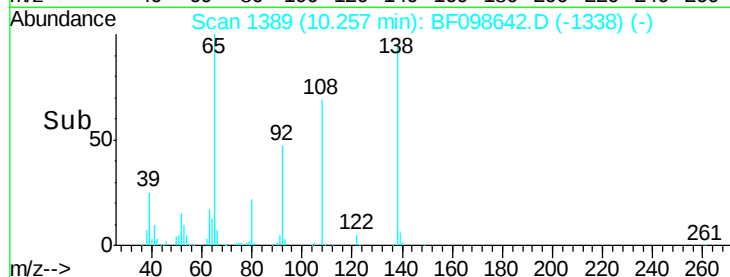
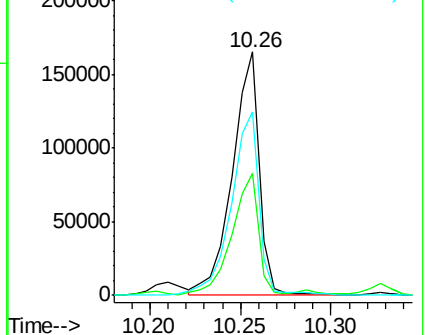
108 75.6 42.3 82.3



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: 39.857 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Tgt Ion: 77 Resp: 680821

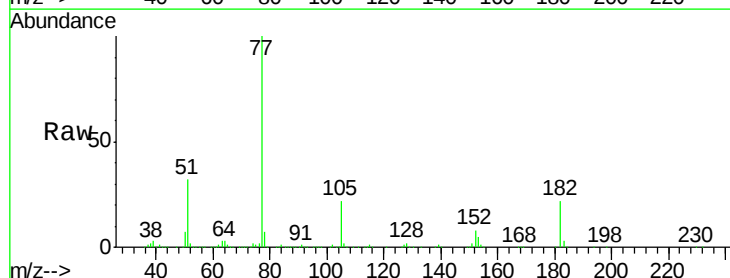
Ion Ratio Lower Upper

77 100

182 21.6 0.1 40.1

105 21.7 3.6 43.6

51 32.5 9.4 49.4

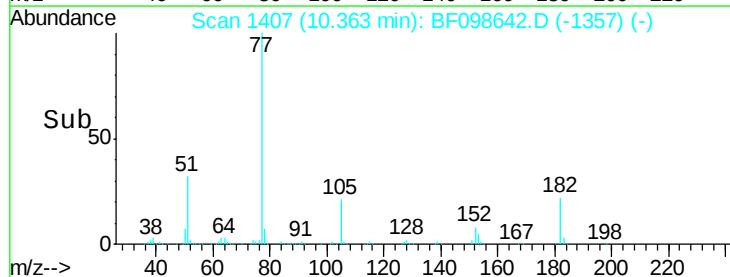
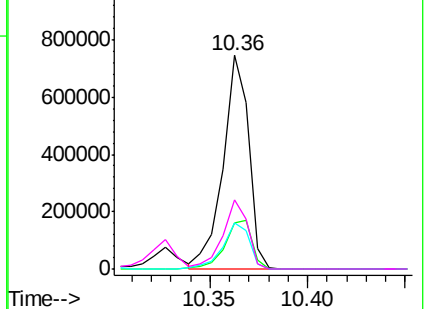


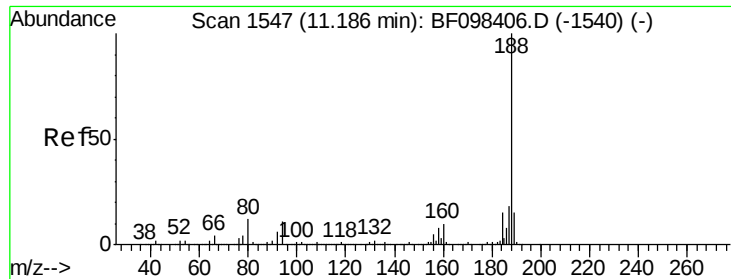
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

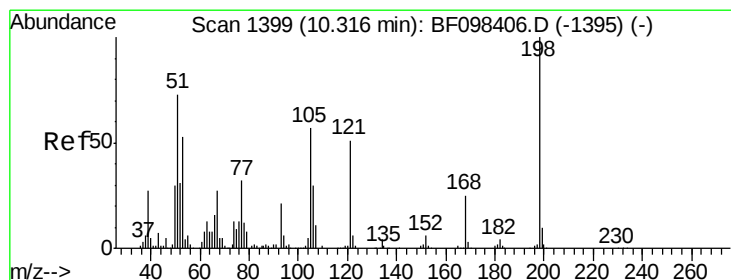
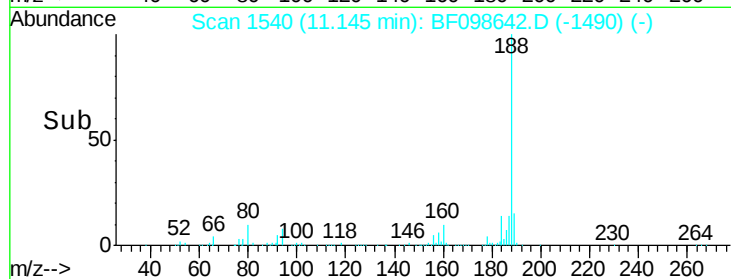
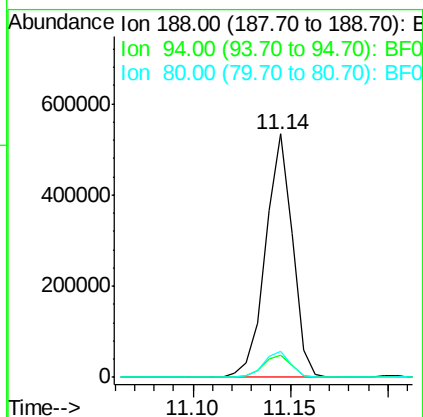
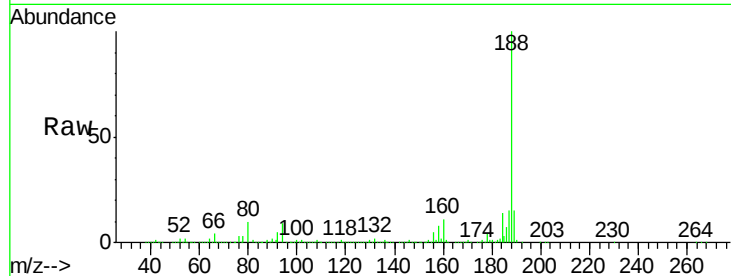




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

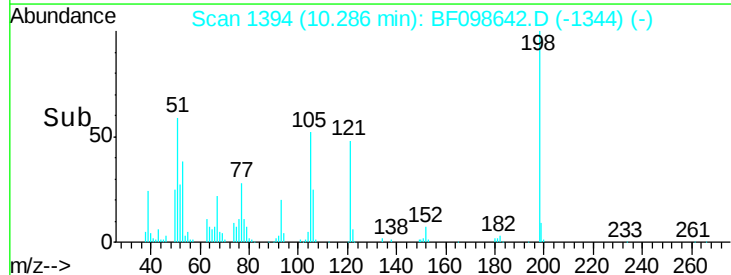
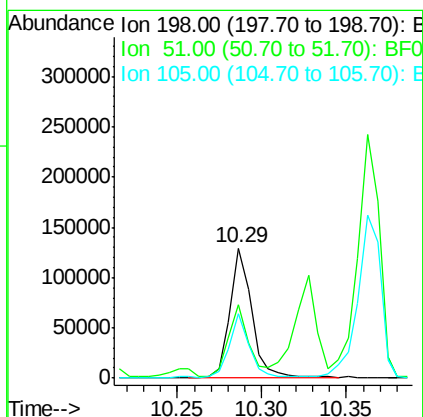
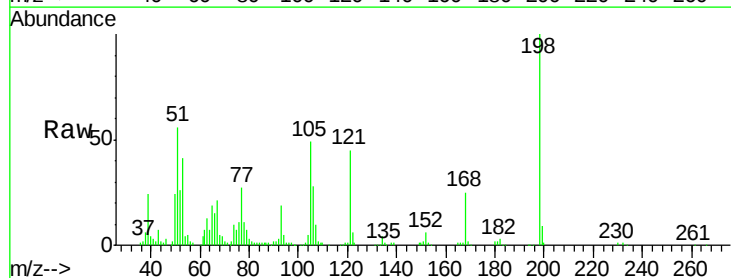
Instrument :
BNA_F
ClientSampleId :
PB102430BS

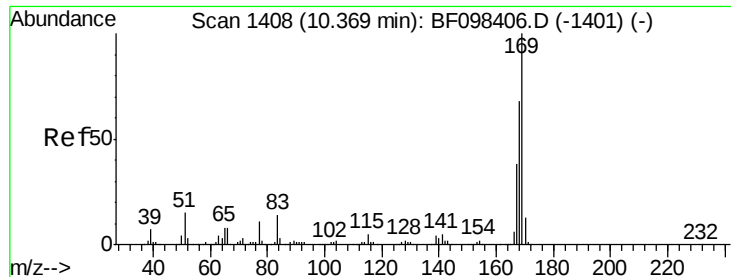
Tgt Ion:188 Resp: 510243
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.476 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:198 Resp: 116975
Ion Ratio Lower Upper
198 100
51 56.3 53.2 93.2
105 49.3 45.8 85.8

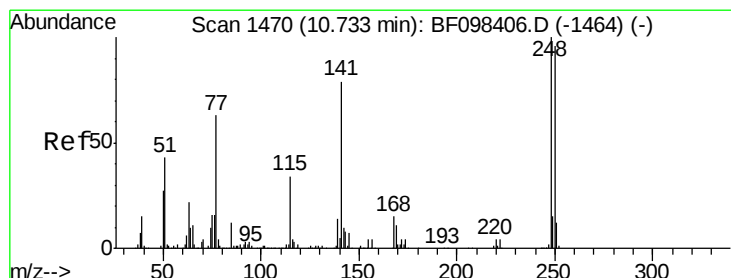
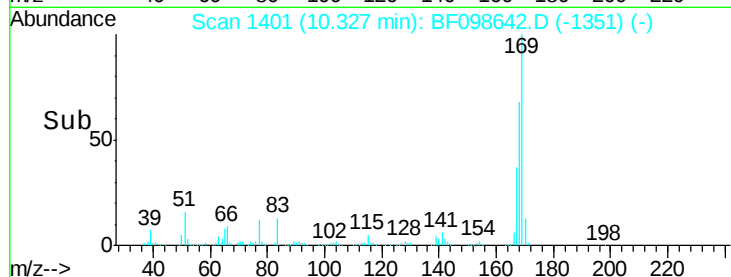
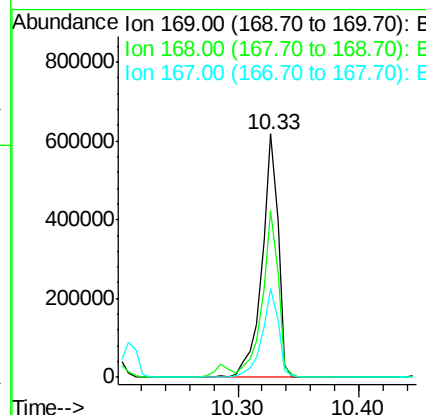
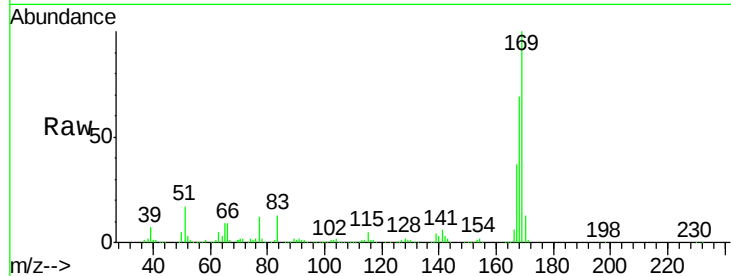




#65
n-Nitrosodiphenylamine
Concen: 35.066 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

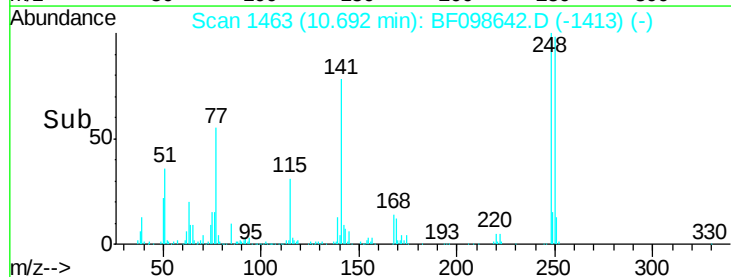
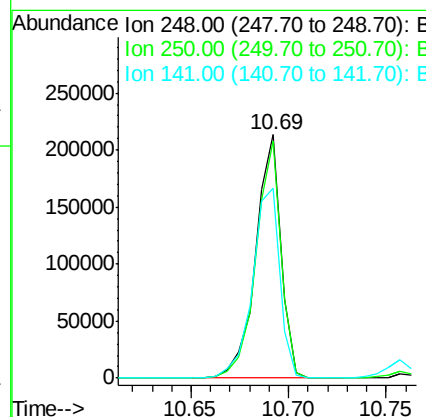
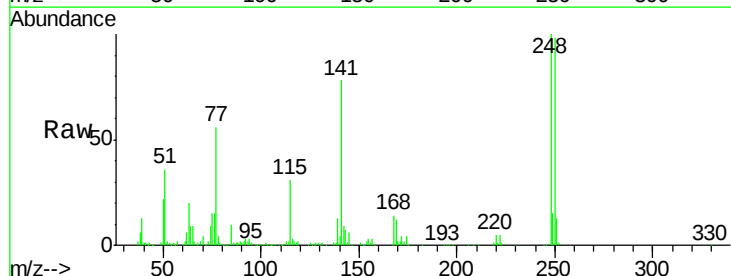
Instrument :
BNA_F
ClientSampleId :
PB102430BS

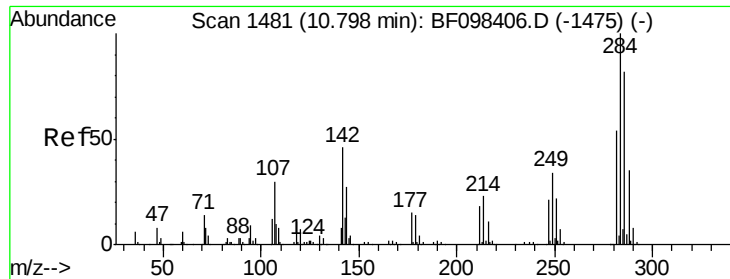
Tgt Ion:169 Resp: 580973
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 36.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.583 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:248 Resp: 191688
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 78.1 68.6 103.0

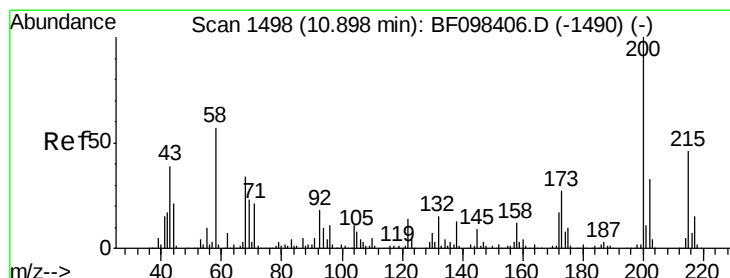
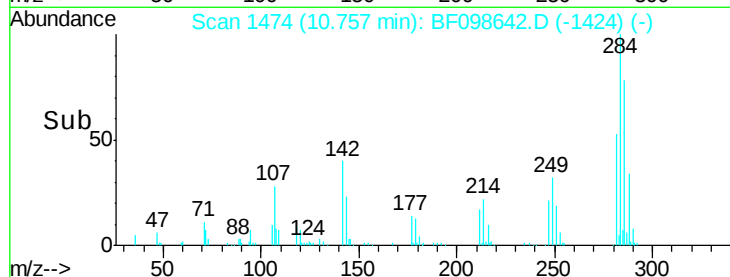
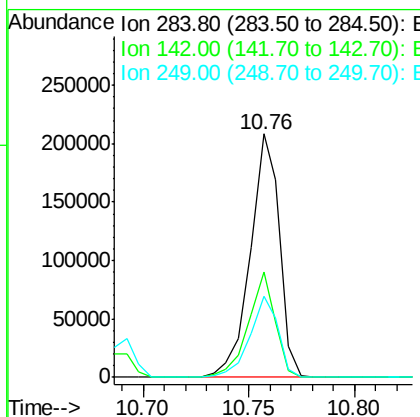
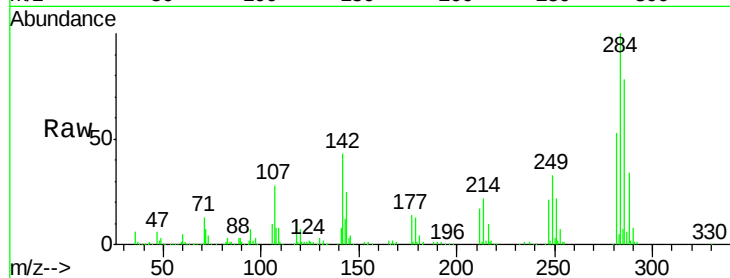




#67
Hexachlorobenzene
Concen: 40.732 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

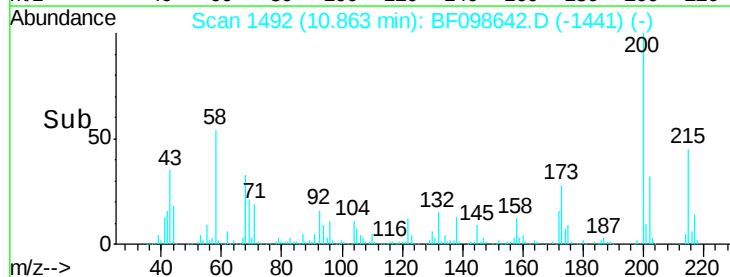
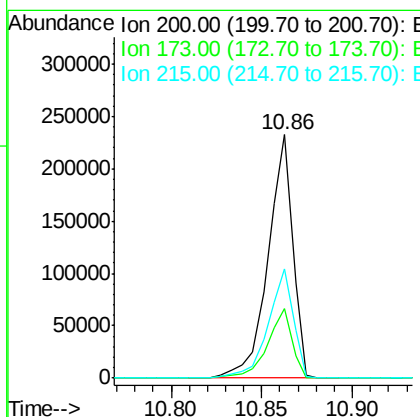
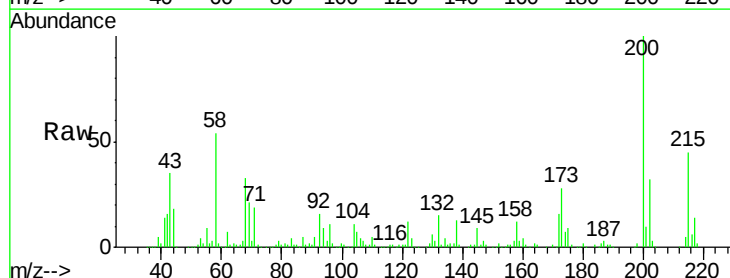
Instrument :
BNA_F
ClientSampled :
PB102430BS

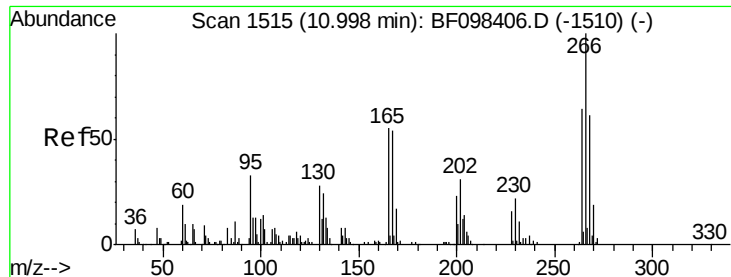
Tgt Ion: 284 Resp: 200078
Ion Ratio Lower Upper
284 100
142 43.2 22.8 34.2#
249 33.4 24.0 36.0



#68
Atrazine
Concen: 43.190 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion: 200 Resp: 220292
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 45.0 27.2 67.2

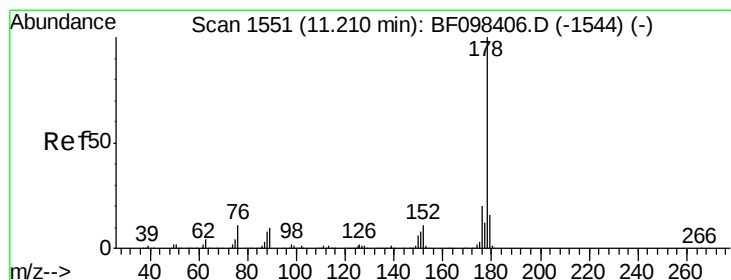
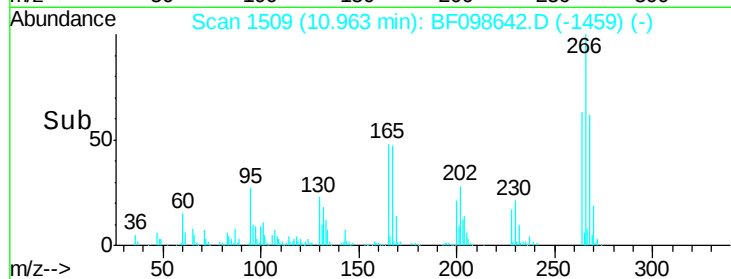
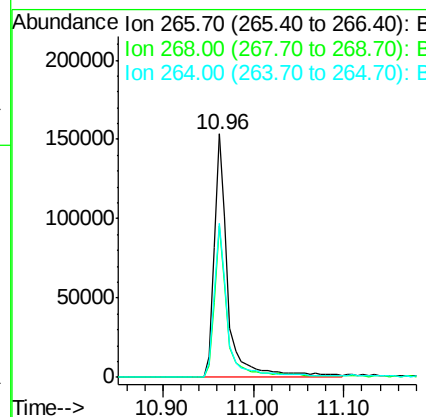
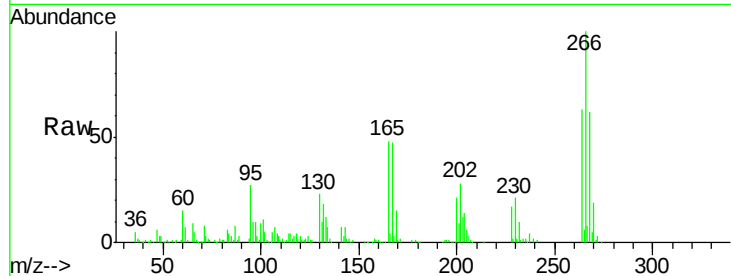




#69
 Pentachlorophenol
 Concen: 76.553 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

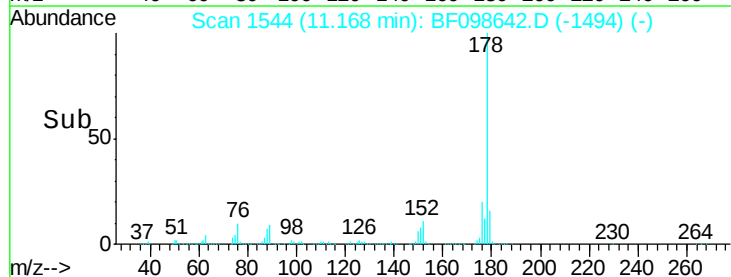
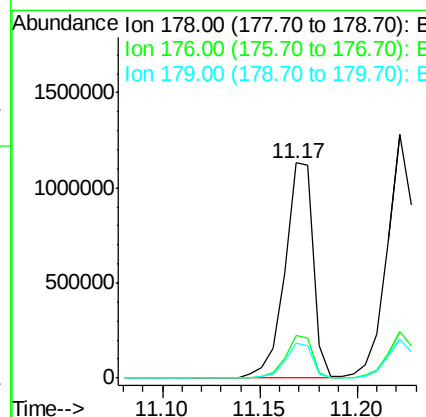
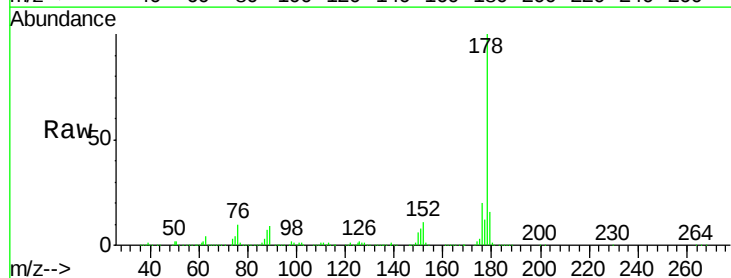
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

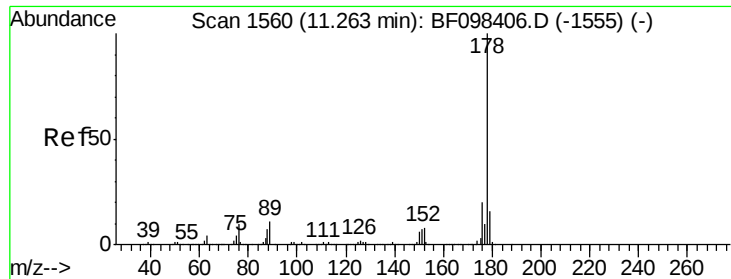
Tgt Ion:266 Resp: 165745
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 42.126 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:178 Resp: 1139496
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 16.0 12.6 19.0

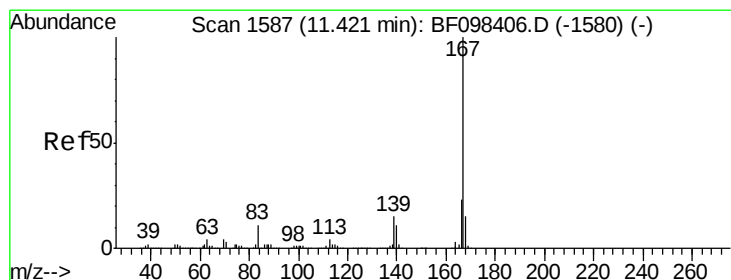
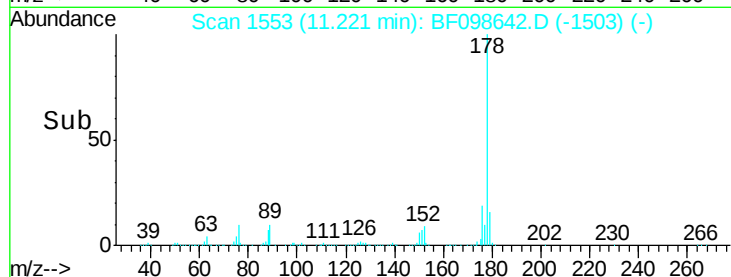
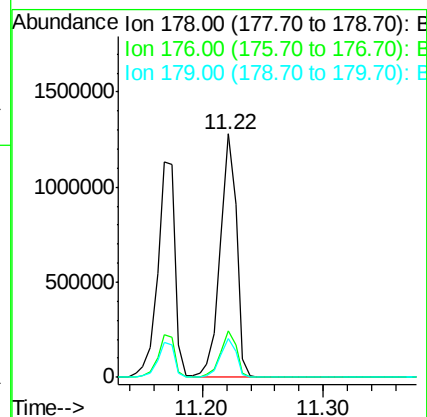
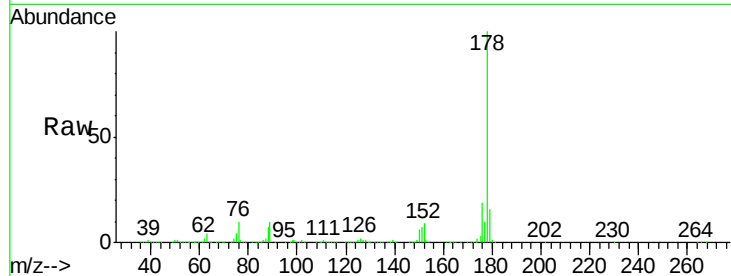




#71
 Anthracene
 Concen: 42.625 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

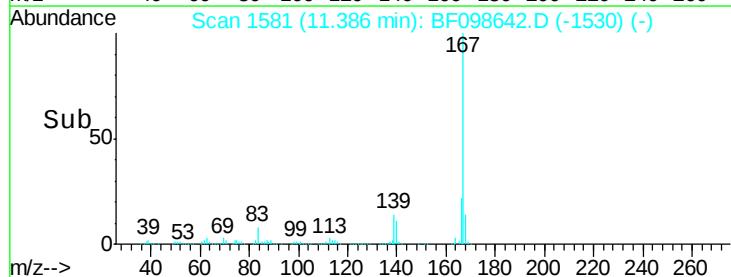
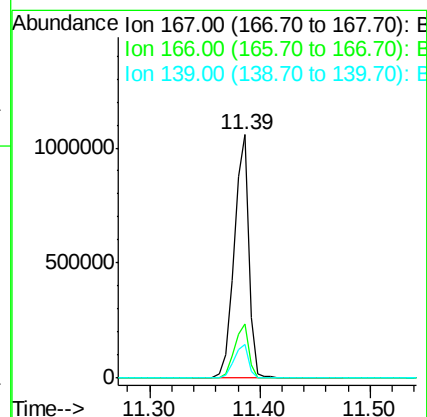
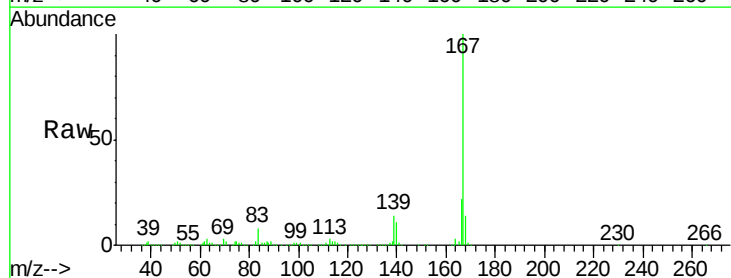
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

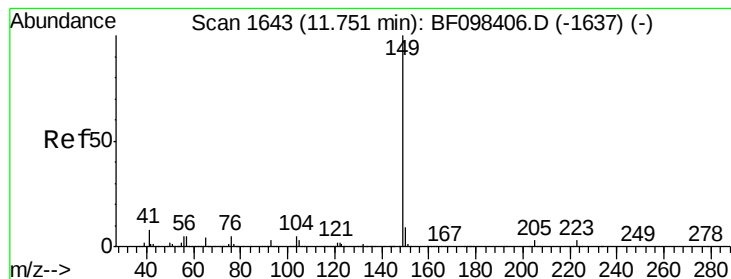
Tgt Ion:178 Resp: 1183761
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 37.967 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:167 Resp: 982657
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 35.717 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

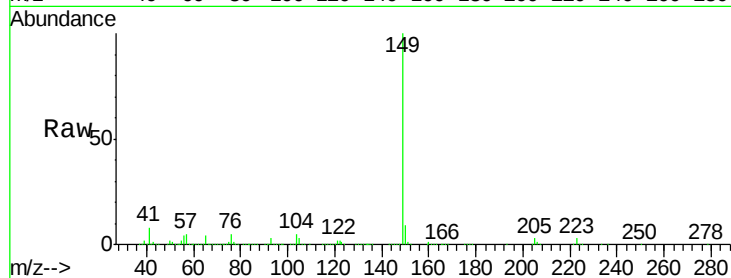
Tgt Ion:149 Resp: 1107623

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

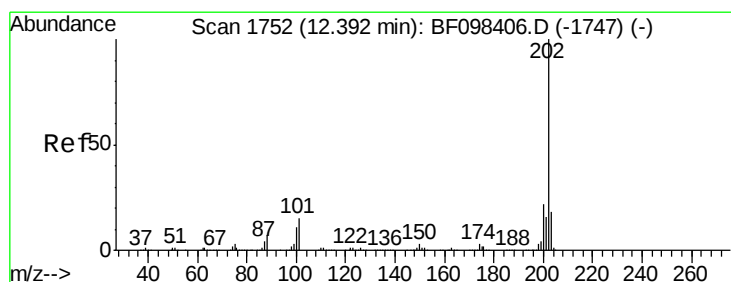
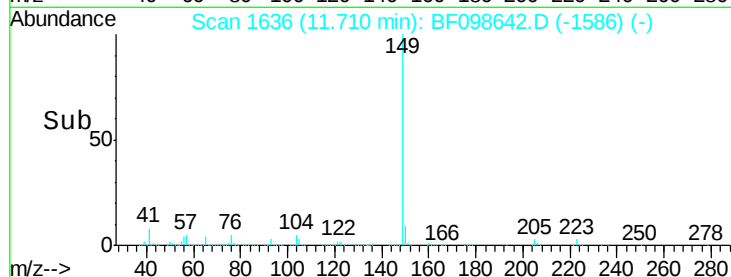
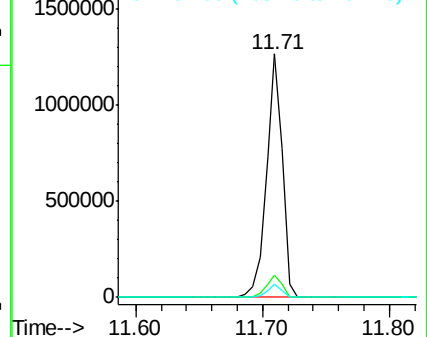
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.311 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

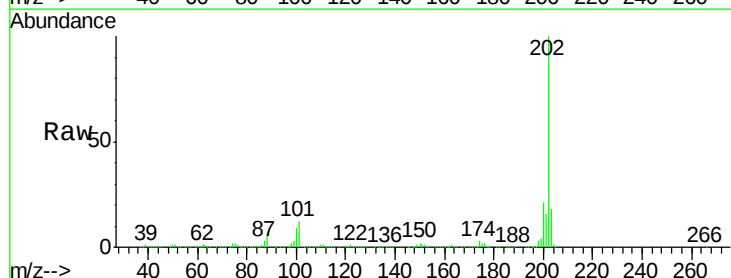
Tgt Ion:202 Resp: 1145717

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

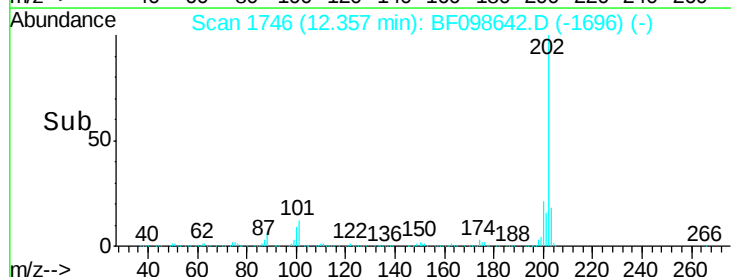
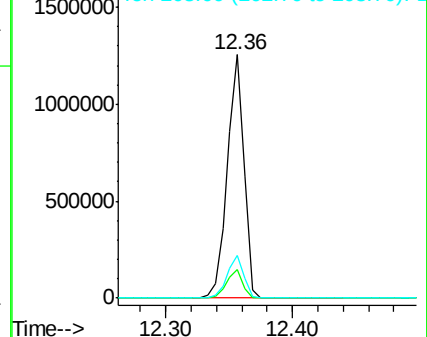
203 17.7 0.0 38.1

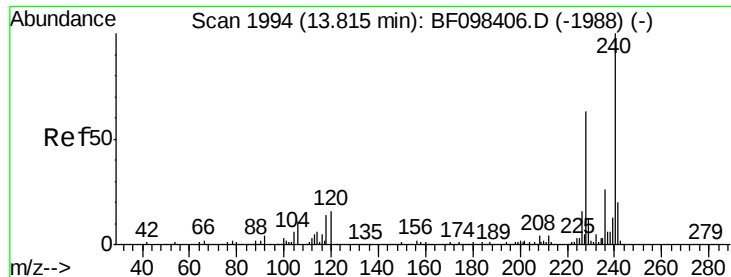


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

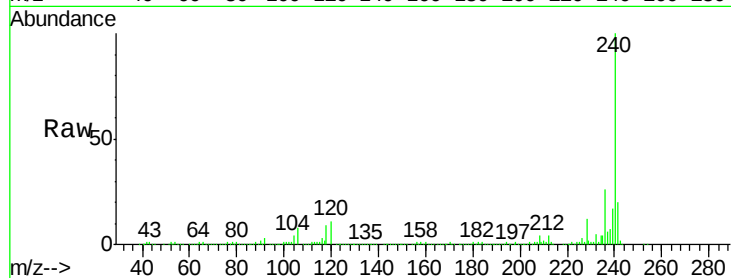
Tgt Ion:240 Resp: 427617

Ion Ratio Lower Upper

240 100

120 10.5 5.8 8.8#

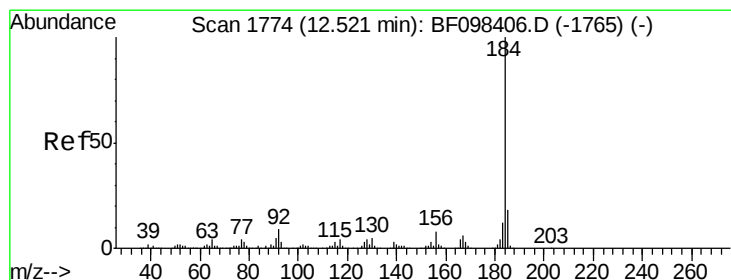
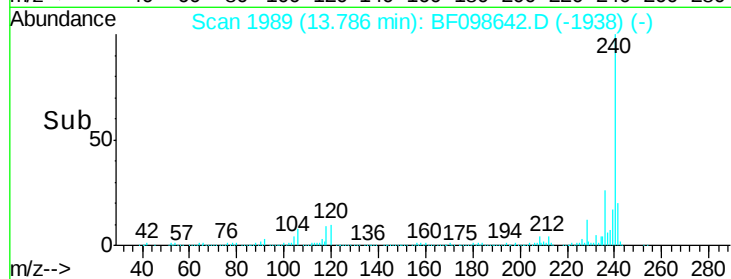
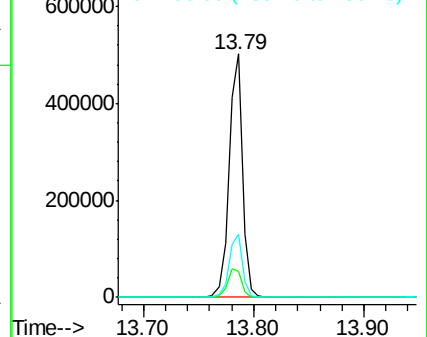
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.099 ng m

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

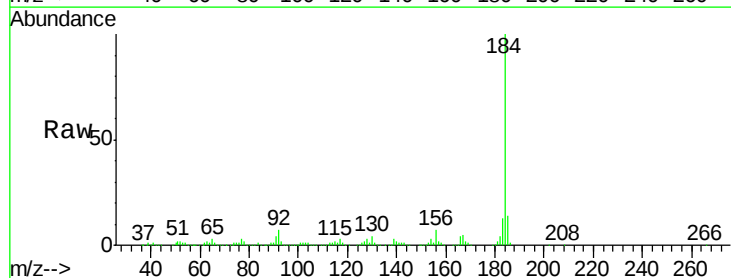
Tgt Ion:184 Resp: 493913

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

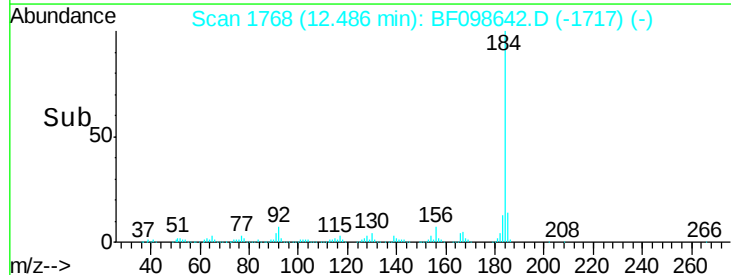
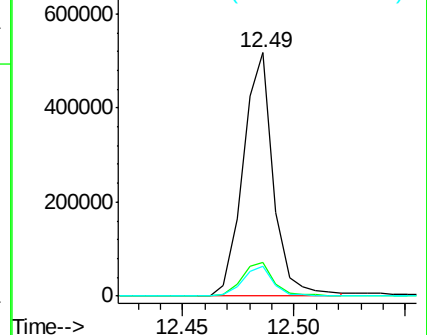
183 12.5 9.8 14.6

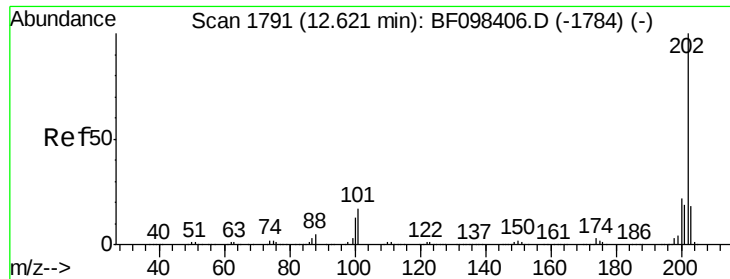


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

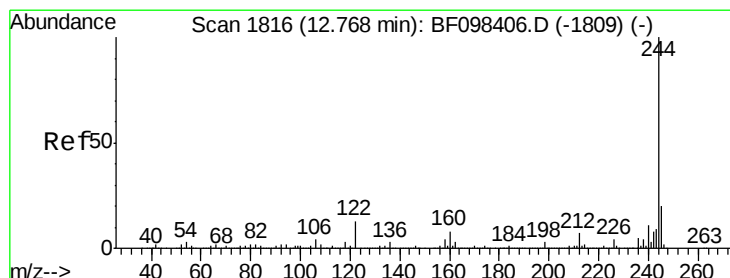
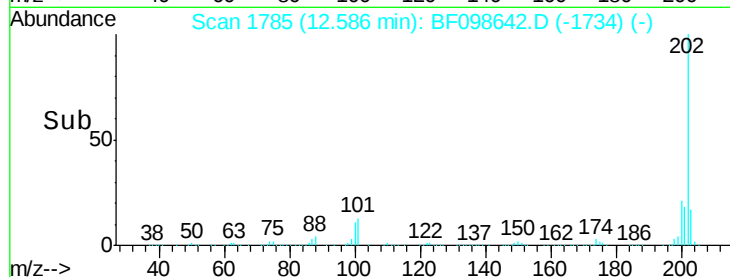
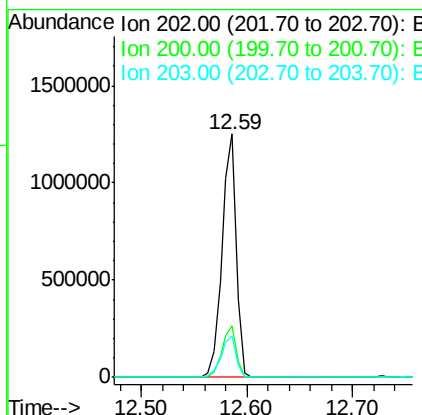
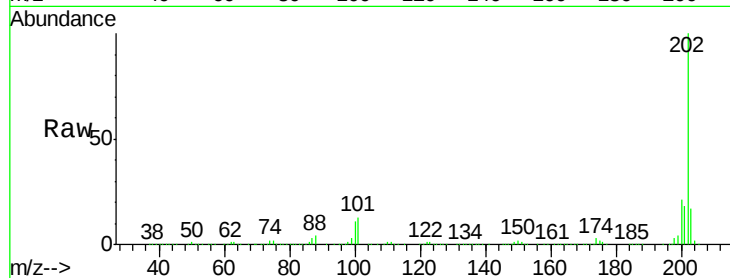




#77
 Pyrene
 Concen: 35.189 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

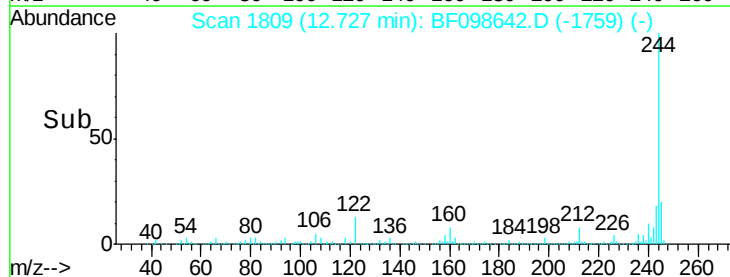
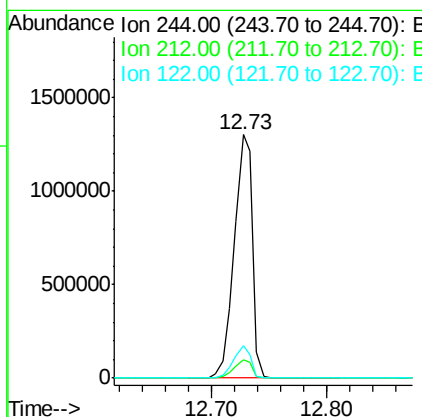
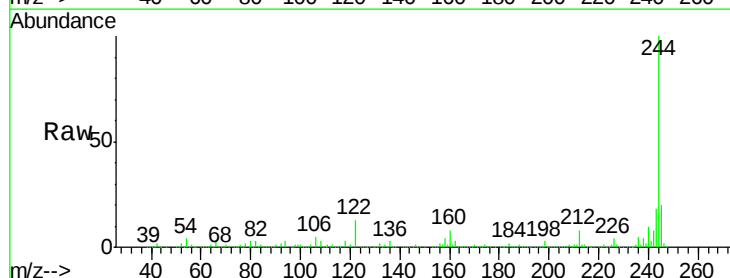
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

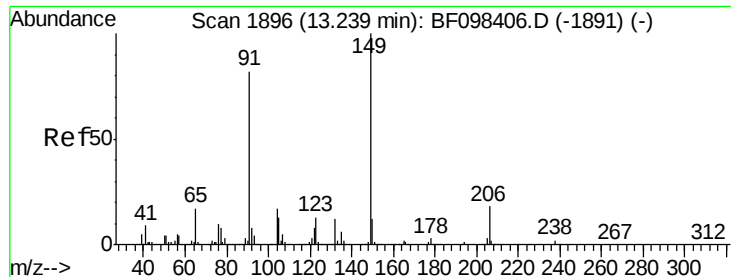
Tgt Ion: 202 Resp: 1187043
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 17.0 14.4 21.6



#78
 Terphenyl-d14
 Concen: 71.458 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion: 244 Resp: 1415673
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.4 10.3 15.5

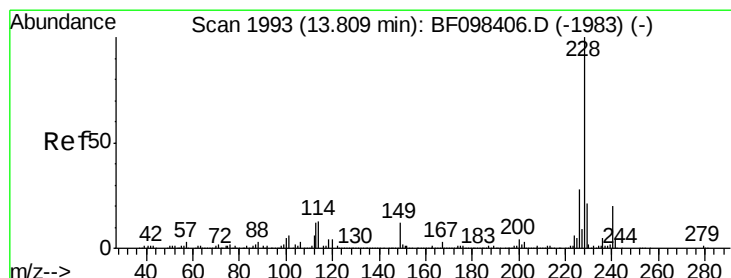
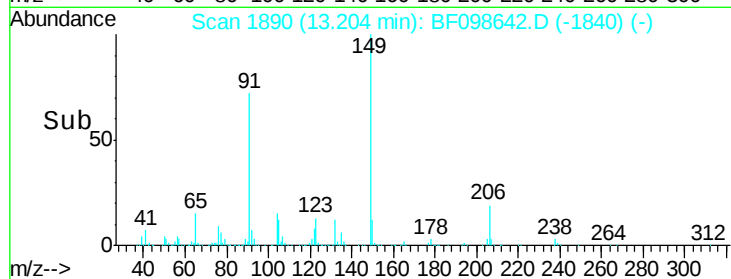
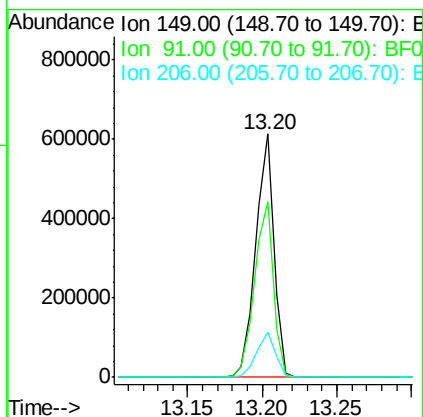
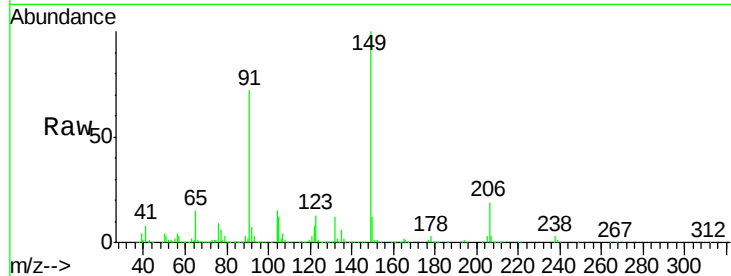




#79
Butylbenzylphthalate
Concen: 35.342 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

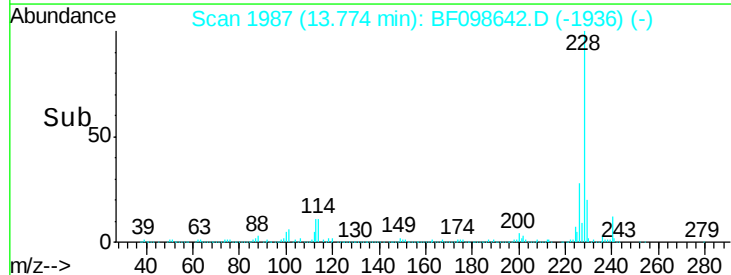
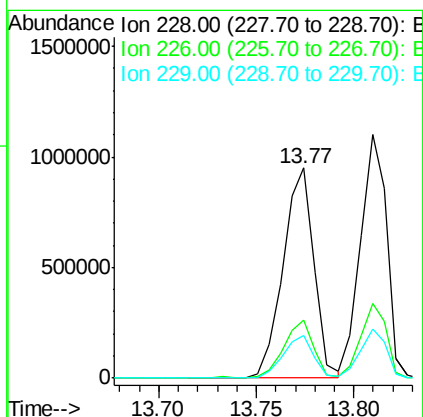
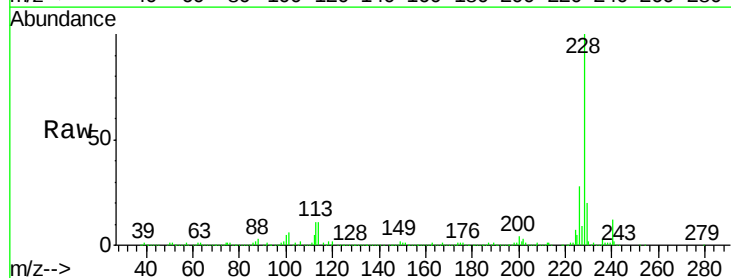
Instrument :
BNA_F
ClientSampleId :
PB102430BS

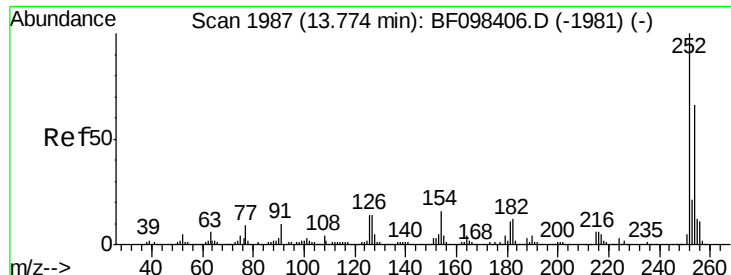
Tgt Ion:149 Resp: 517200
Ion Ratio Lower Upper
149 100
91 72.5 45.0 67.4#
206 18.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.317 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:228 Resp: 1035823
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.2 16.3 24.5

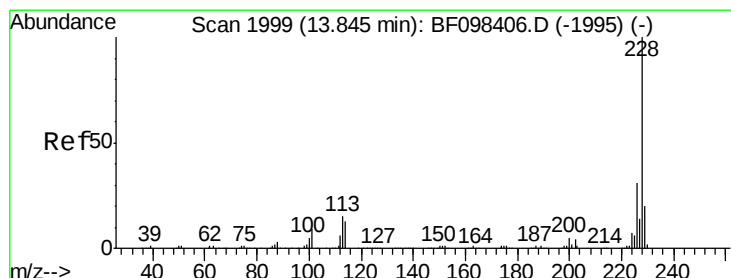
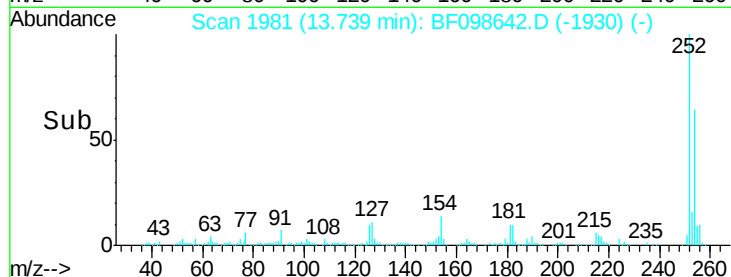
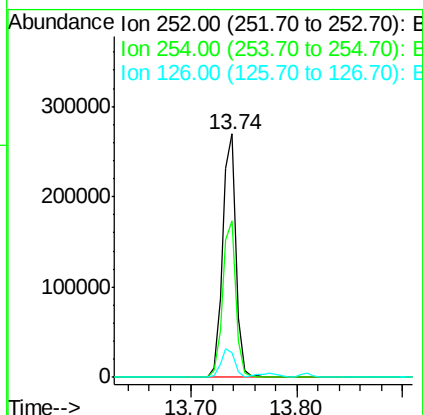
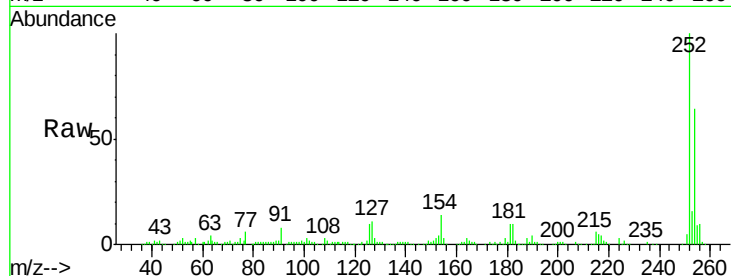




#81
 3,3'-Dichlorobenzidine
 Concen: 24.843 ng
 RT: 13.74 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

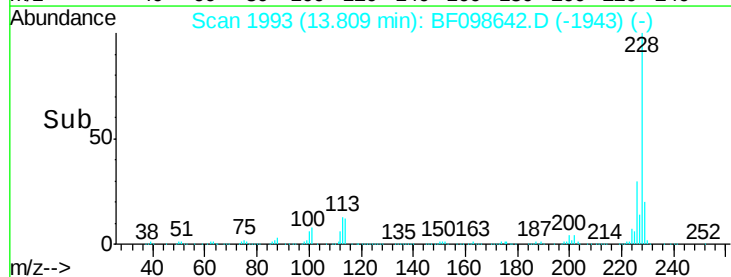
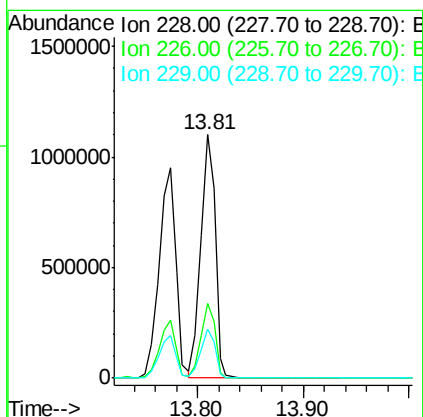
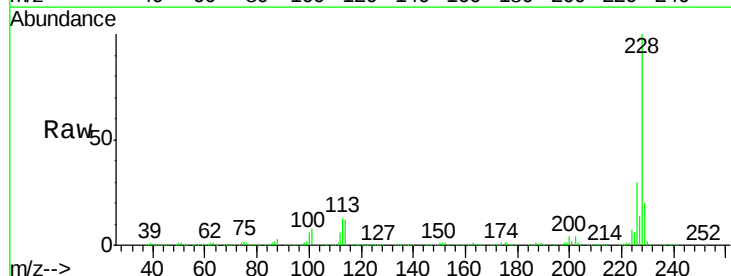
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

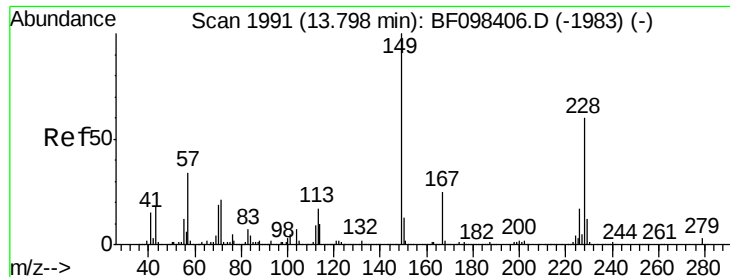
Tgt Ion:252 Resp: 242049
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 10.4 15.8 23.8#



#82
 Chrysene
 Concen: 40.660 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:228 Resp: 1030401
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.9 15.8 23.6

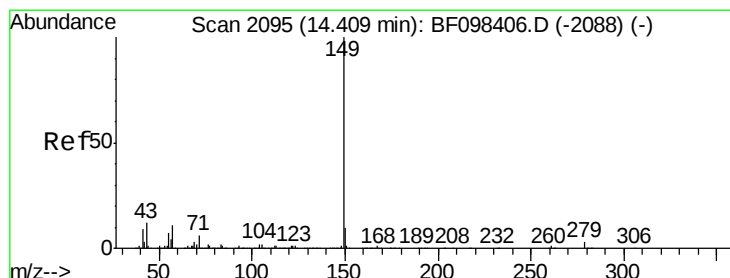
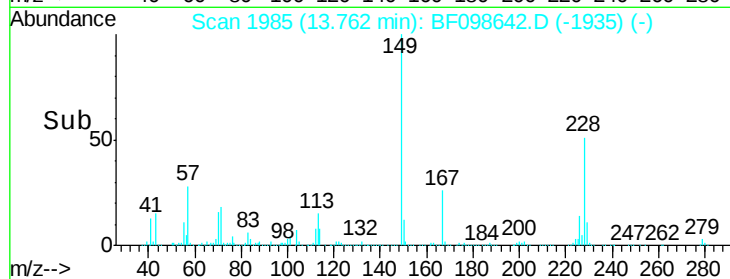
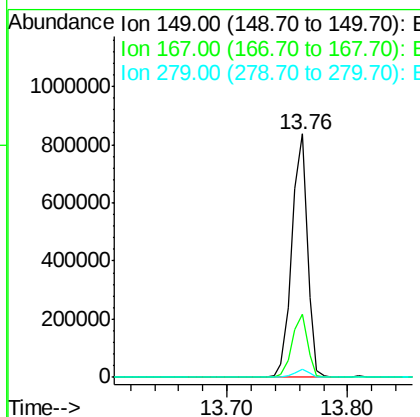
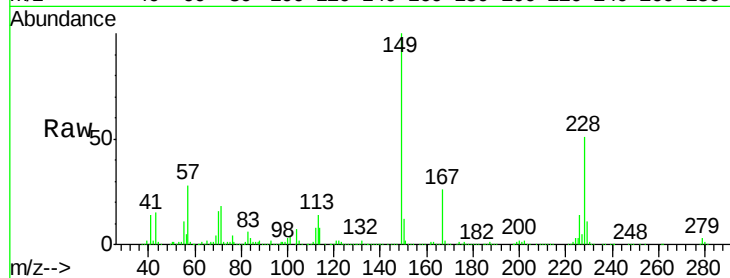




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.115 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

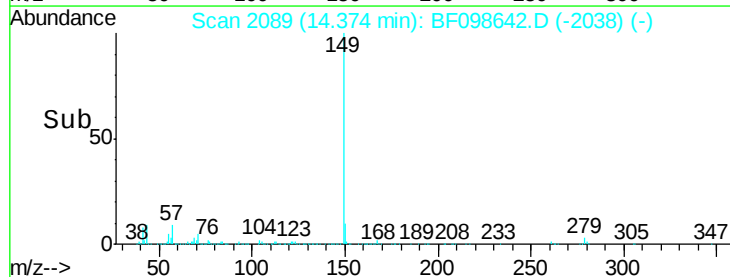
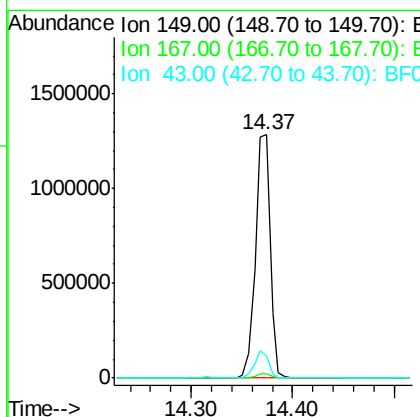
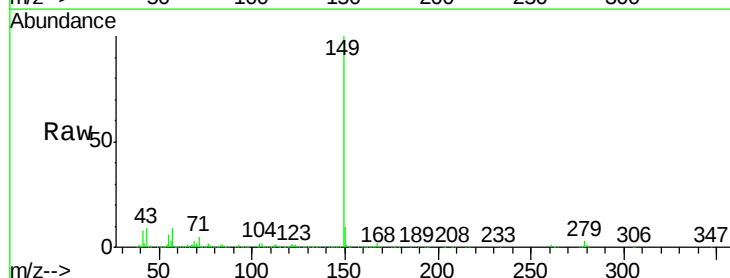
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

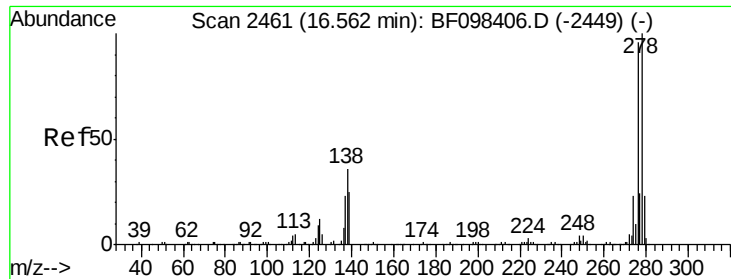
Tgt Ion:149 Resp: 736781
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.095 ng
 RT: 14.37 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion:149 Resp: 1294974
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.5 12.7

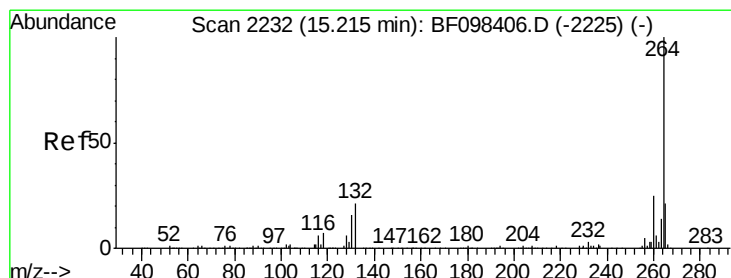
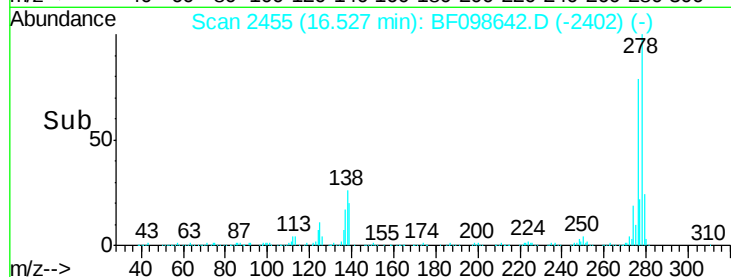
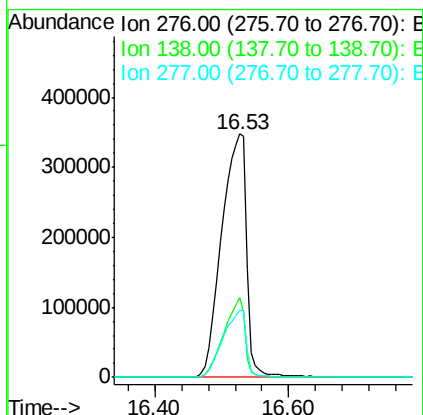
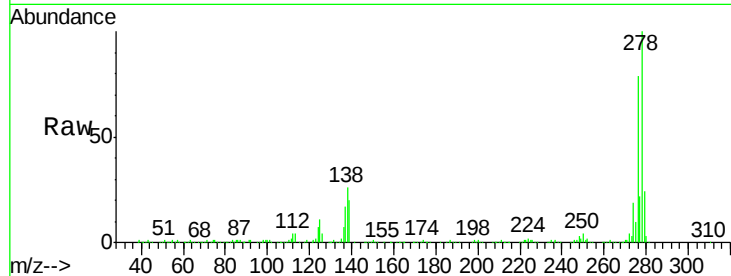




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.705 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

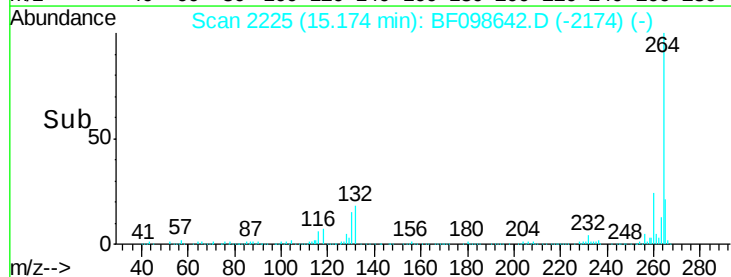
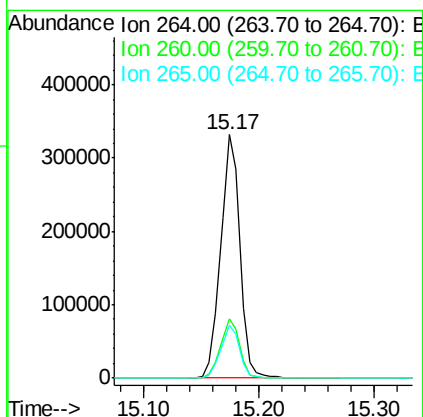
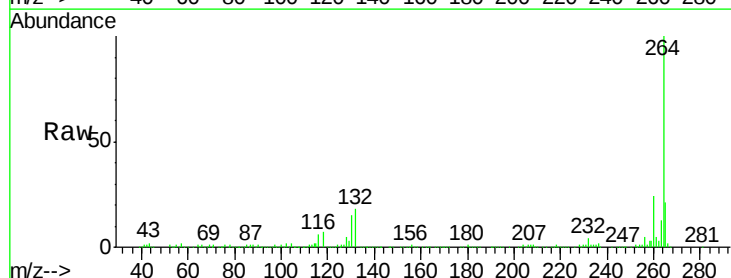
Instrument :
 BNA_F
 ClientSampleId :
 PB102430BS

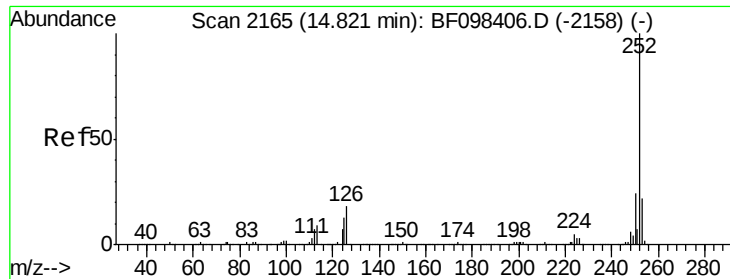
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098642.D
 Acq: 19 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.545 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

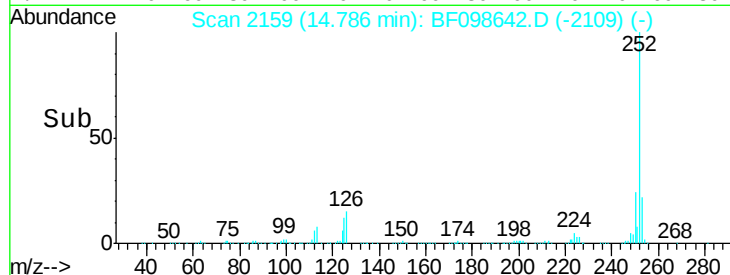
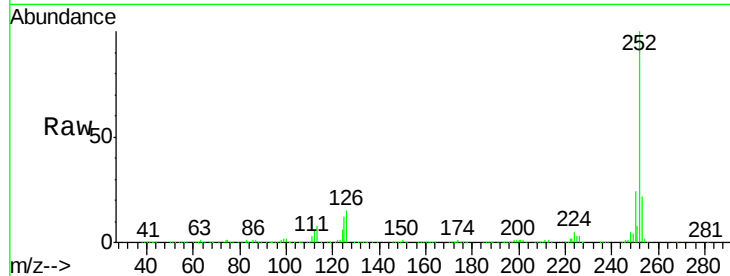
Tgt Ion:252 Resp: 1003365

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

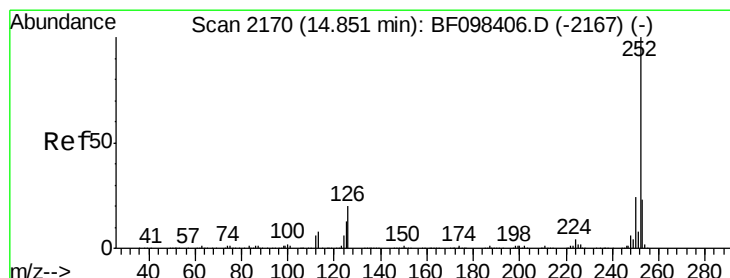
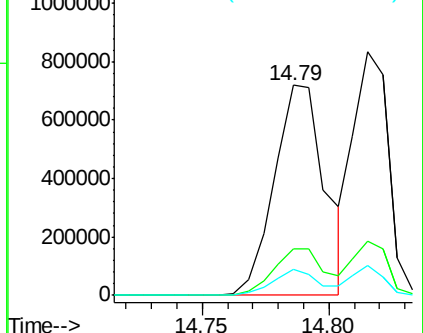
125 12.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.341 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

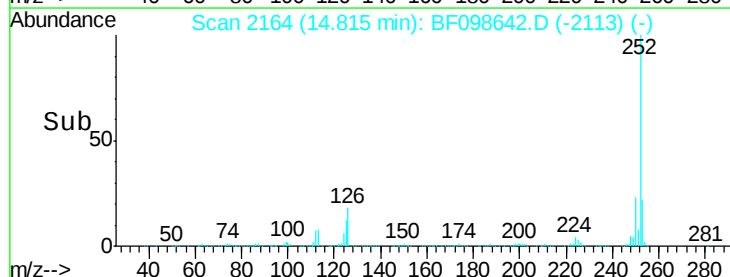
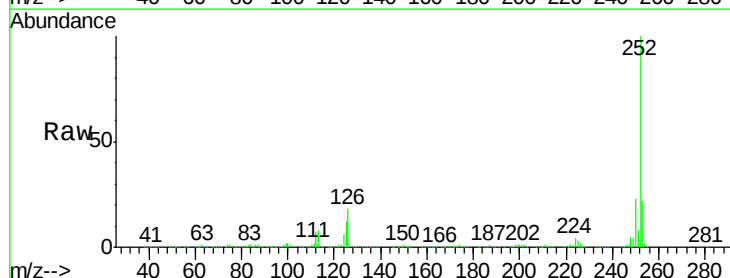
Tgt Ion:252 Resp: 819369

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

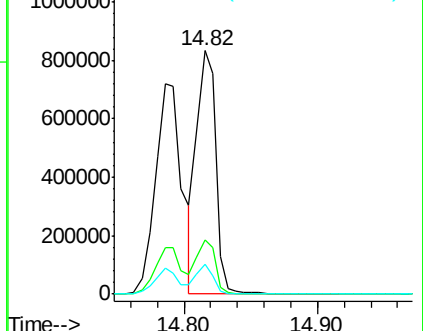
125 12.3 13.1 19.7#

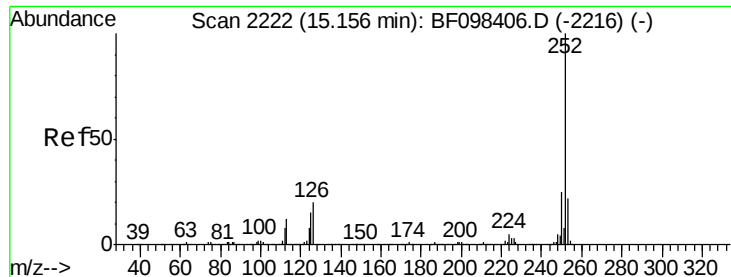


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

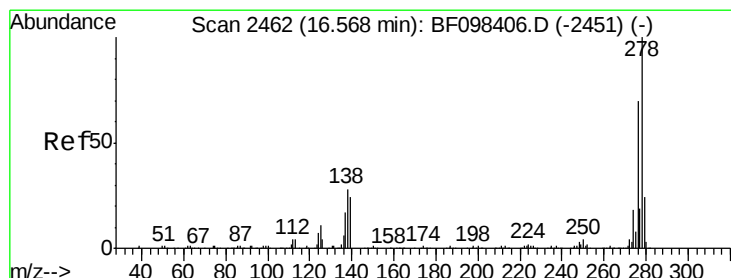
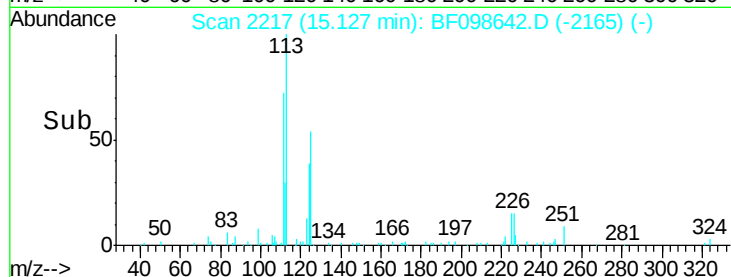
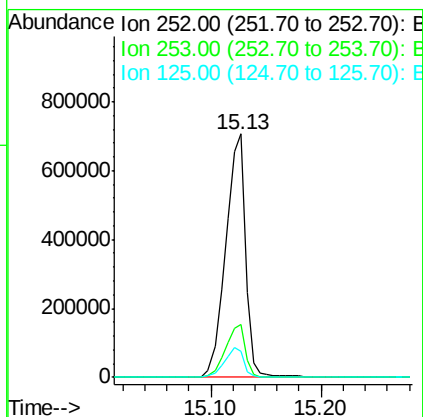
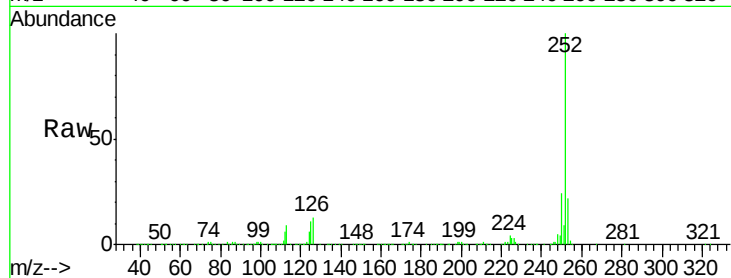




#89
Benzo(a)pyrene
Concen: 41.320 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

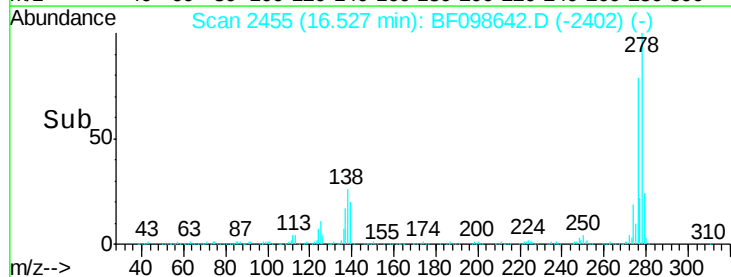
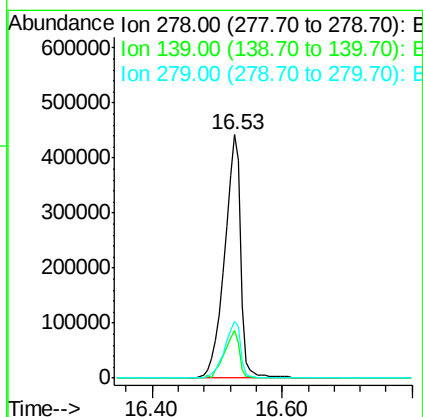
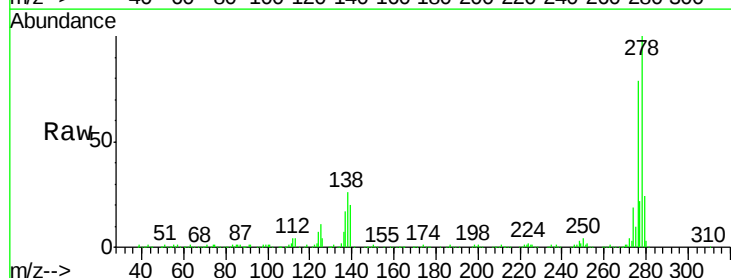
Instrument :
BNA_F
ClientSampleId :
PB102430BS

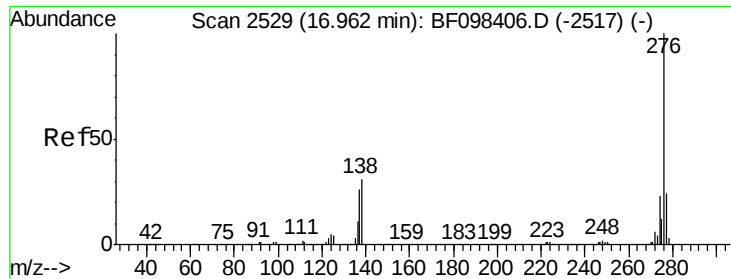
Tgt Ion:252 Resp: 889064
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.8 11.0 16.4#



#90
Dibenzo(a,h)anthracene
Concen: 48.478 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF098642.D
Acq: 19 Sep 2017 15:41

Tgt Ion:278 Resp: 758766
Ion Ratio Lower Upper
278 100
139 19.8 16.6 24.8
279 23.5 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 48.195 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BF098642.D

Acq: 19 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102430BS

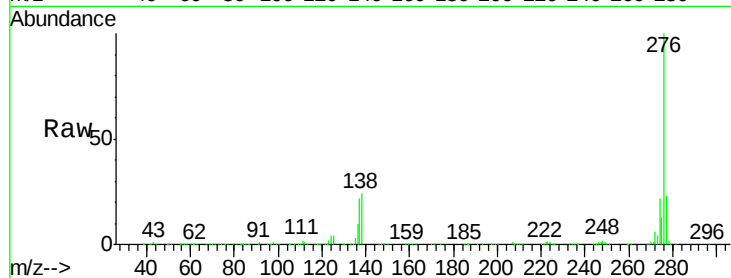
Tgt Ion: 276 Resp: 758721

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 23.5 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

