

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
 Data File : BF098680.D
 Acq On : 22 Sep 2017 3:26
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 05:07:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 04:59:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	160132	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	664521	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	300555	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	530477	20.00	ng	0.00
75) Chrysene-d12	14.09	240	381463	20.00	ng	0.00
86) Perylene-d12	15.57	264	303637	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	993859	92.49	ng	0.00
7) Phenol-d6	6.55	99	1201778	88.04	ng	0.00
23) Nitrobenzene-d5	7.49	82	994808	85.35	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	281632	132.63	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1724765	96.86	ng	0.00
78) Terphenyl-d14	13.03	244	1688787	94.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	239027	43.577	ng	99
3) Pyridine	3.55	79	650813	44.542	ng	99
4) n-Nitrosodimethylamine	3.50	42	288263	41.123	ng	100
6) Aniline	6.60	93	810748	46.859	ng	100
8) 2-Chlorophenol	6.72	128	549079	46.426	ng	96
9) Benzaldehyde	6.48	77	339650	38.768	ng	97
10) Phenol	6.56	94	658846	41.867	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	519302	43.829	ng	99
12) 1,3-Dichlorobenzene	6.87	146	566547	47.225	ng	99
13) 1,4-Dichlorobenzene	6.95	146	577289	47.041	ng	99
14) 1,2-Dichlorobenzene	7.10	146	532466	47.308	ng	97
15) Benzyl Alcohol	7.07	79	437878	47.463	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	817709	41.988	ng	99
17) 2-Methylphenol	7.17	107	443873	45.975	ng	99
18) Hexachloroethane	7.45	117	202255	43.694	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	367383	42.887	ng	99
20) 3+4-Methylphenols	7.33	107	566327	46.187	ng	91
22) Acetophenone	7.34	105	764713	44.808	ng	98
24) Nitrobenzene	7.52	77	566247	42.599	ng	95
25) Isophorone	7.75	82	1030521	43.469	ng	99
26) 2-Nitrophenol	7.83	139	248395	46.663	ng	94
27) 2,4-Dimethylphenol	7.86	122	505404	48.315	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	632848	43.714	ng	100
29) 2,4-Dichlorophenol	8.06	162	443131	50.862	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	432866	46.082	ng	99
31) Naphthalene	8.23	128	1482110	45.309	ng	99
32) Benzoic acid	7.99	122	376132	61.584	ng	98
33) 4-Chloroaniline	8.28	127	634309	47.659	ng	97
34) Hexachlorobutadiene	8.35	225	235194	48.447	ng	98
35) Caprolactam	8.66	113	143233	47.728	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	499188	46.649	ng	99
37) 2-Methylnaphthalene	8.92	142	958167	47.989	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	422886	45.371	ng	100
40) Hexachlorocyclopentadiene	9.07	237	201491	83.983	ng	99

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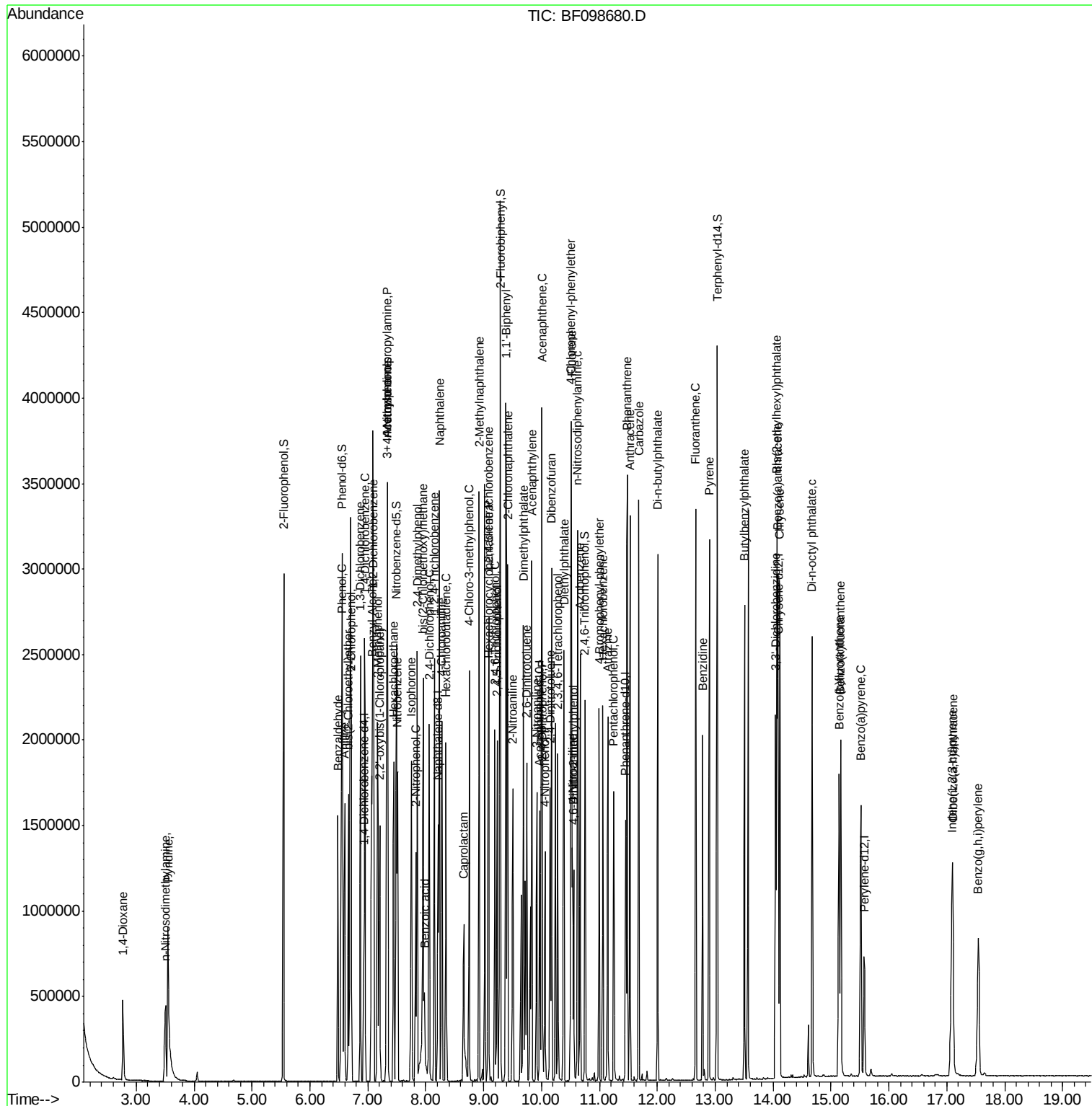
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	302067	54.336	ng	98
43) 2,4,5-Trichlorophenol	9.23	196	304733	52.503	ng	96
45) 1,1'-Biphenyl	9.39	154	1222888	45.592	ng	99
46) 2-Chloronaphthalene	9.42	162	922712	47.887	ng	98
47) 2-Nitroaniline	9.50	65	282841	39.812	ng	96
48) Acenaphthylene	9.83	152	1411936	48.878	ng	99
49) Dimethylphthalate	9.69	163	1079219	46.471	ng	99
50) 2,6-Dinitrotoluene	9.75	165	240234	50.430	ng	95
51) Acenaphthene	10.00	154	879895	48.133	ng	99
52) 3-Nitroaniline	9.92	138	283689	49.457	ng	98
53) 2,4-Dinitrophenol	10.02	184	79786	46.107	ng	91
54) Dibenzofuran	10.17	168	1199160	49.534	ng	99
55) 4-Nitrophenol	10.06	139	239172	67.662	ng	96
56) 2,4-Dinitrotoluene	10.15	165	311880	53.143	ng	93
57) Fluorene	10.52	166	945550	47.378	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	223914	56.884	ng	98
59) Diethylphthalate	10.39	149	1049209	47.226	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	412916	45.135	ng	99
61) 4-Nitroaniline	10.53	138	273694	47.377	ng	98
62) Azobenzene	10.67	77	971727	41.430	ng	95
64) 4,6-Dinitro-2-methylphenol	10.56	198	129072	44.620	ng	92
65) n-Nitrosodiphenylamine	10.63	169	869103	50.047	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	259380	51.058	ng	91
67) Hexachlorobenzene	11.06	284	291512	55.509	ng	92
68) Atrazine	11.15	200	266717	49.978	ng	99
69) Pentachlorophenol	11.25	266	190351	87.128	ng	99
70) Phenanthrene	11.48	178	1349988	47.706	ng	99
71) Anthracene	11.53	178	1388131	47.993	ng	99
72) Carbazole	11.68	167	1349317	49.532	ng	99
73) Di-n-butylphthalate	12.00	149	1588855	49.034	ng	100
74) Fluoranthene	12.66	202	1349539	47.830	ng	99
76) Benzidine	12.78	184	735399	44.085	ng	98
77) Pyrene	12.90	202	1396103	46.599	ng	100
79) Butylbenzylphthalate	13.50	149	634162	49.182	ng	100
80) Benzo(a)anthracene	14.08	228	1108896	49.224	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	407684	47.268	ng	97
82) Chrysene	14.12	228	1061507	47.132	ng	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	830393	50.660	ng	99
84) Di-n-octyl phthalate	14.67	149	1265801	46.226	ng	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	822419	51.298	ng	99
87) Benzo(b)fluoranthene	15.14	252	841285	44.281	ng	98
88) Benzo(k)fluoranthene	15.17	252	885215	49.944	ng	97
89) Benzo(a)pyrene	15.52	252	792063	46.884	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	675290	53.327	ng	100
91) Benzo(g,h,i)perylene	17.54	276	682684	53.392	ng	98

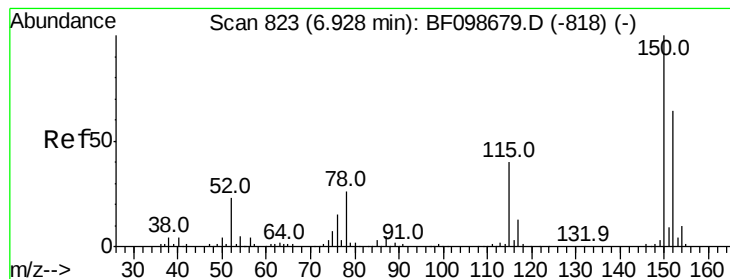
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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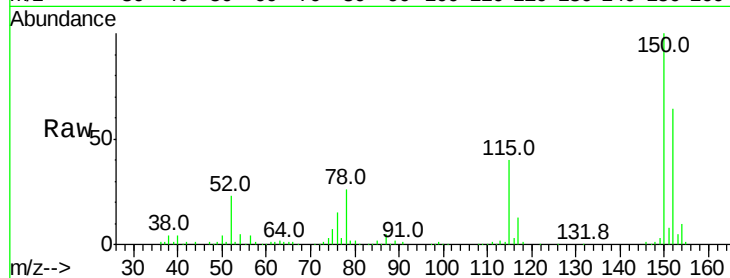


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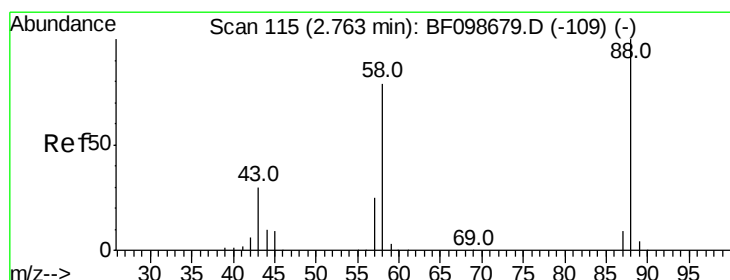
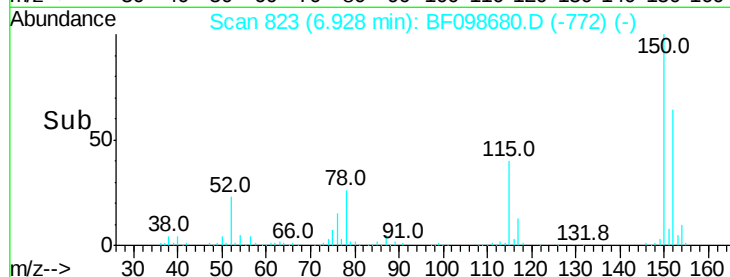
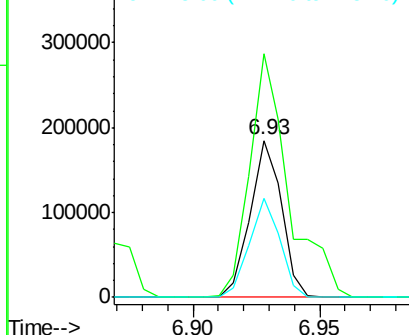
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160132
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 62.9 50.1 75.1



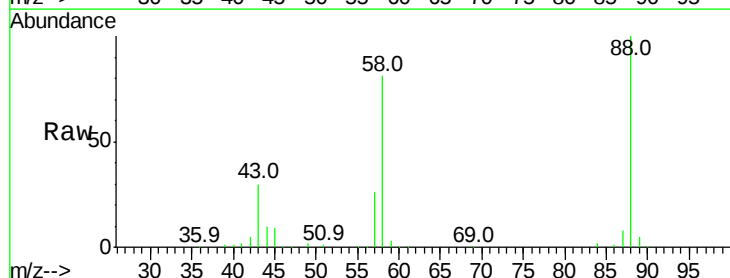
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



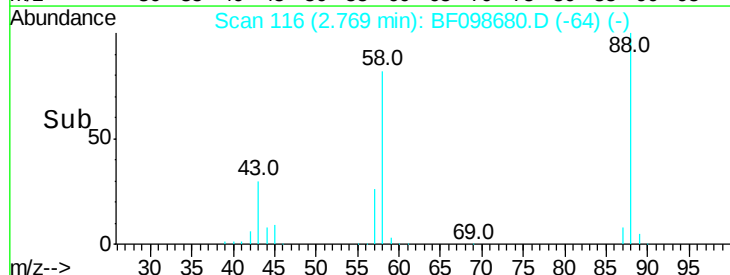
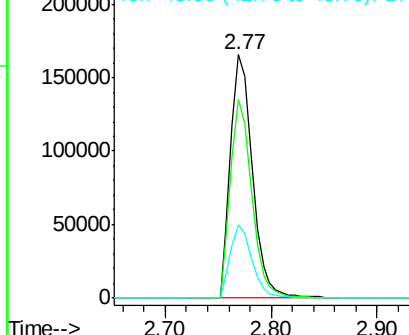
#2

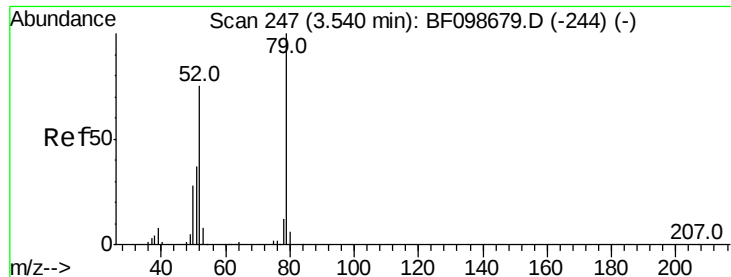
1,4-Dioxane
Concen: 43.577 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion: 88 Resp: 239027
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 30.0 24.6 37.0



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





#3

Pvridine

Concen: 44.542 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

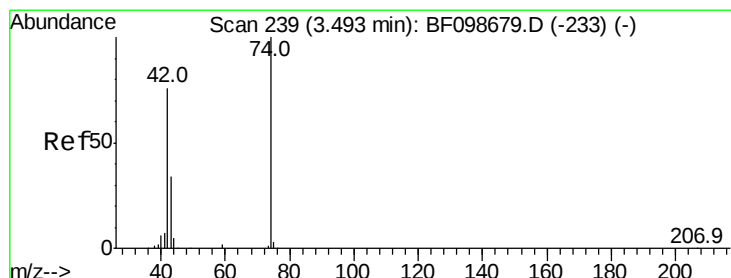
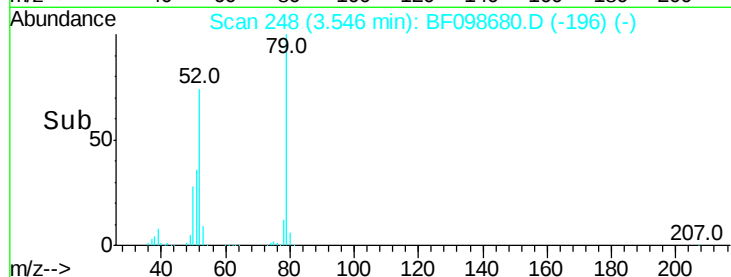
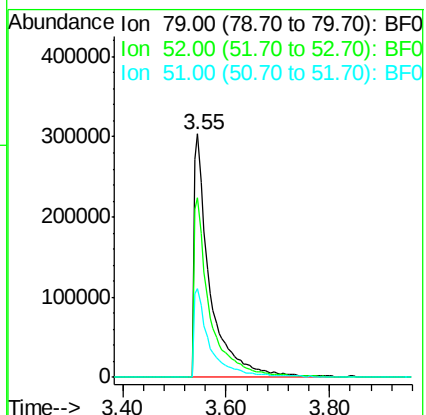
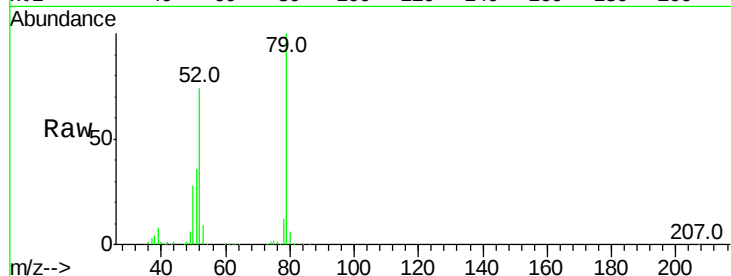
Tot Ion: 79 Resp: 650813

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

51 36.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.123 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

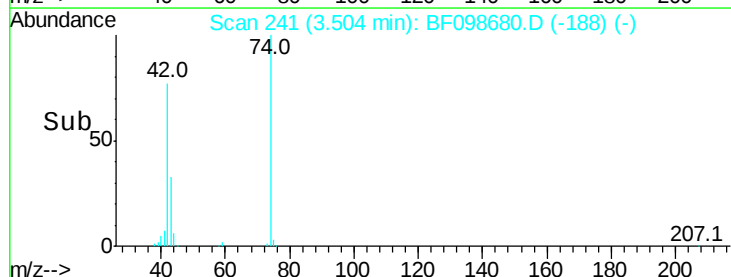
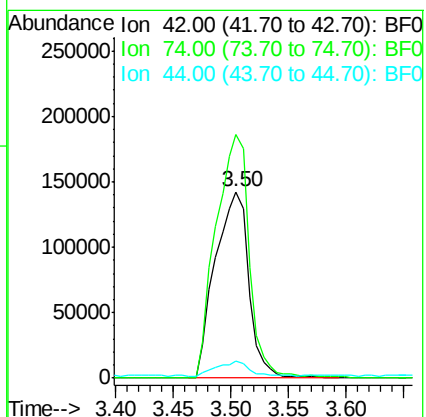
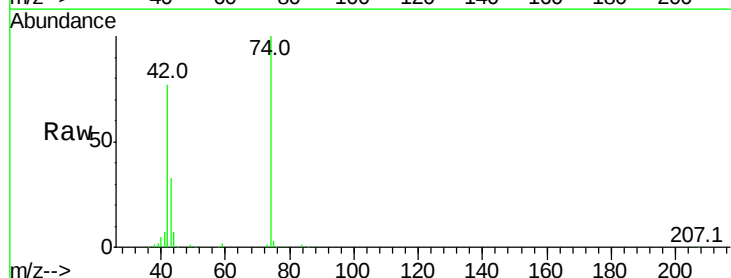
Tgt Ion: 42 Resp: 288263

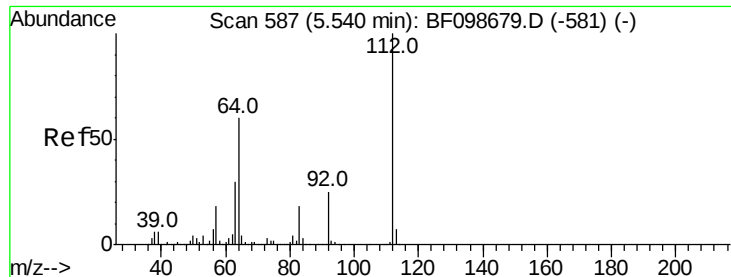
Ion Ratio Lower Upper

42 100

74 130.7 104.9 157.3

44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 92.487 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

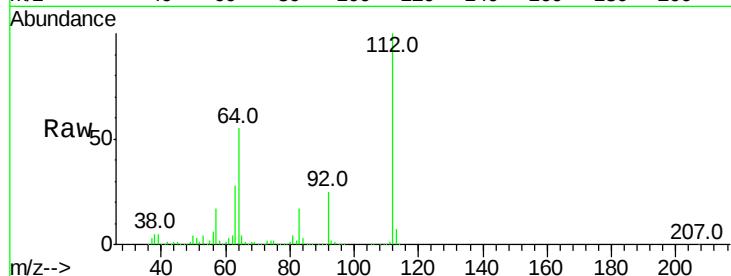
Tot Ion:112 Resp: 993859

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

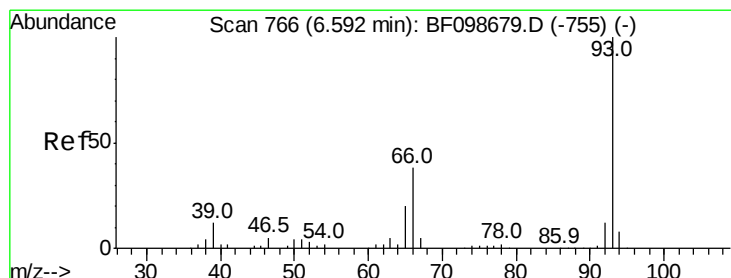
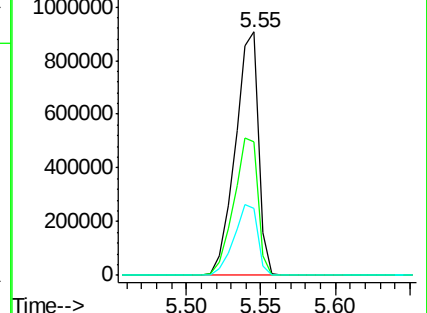
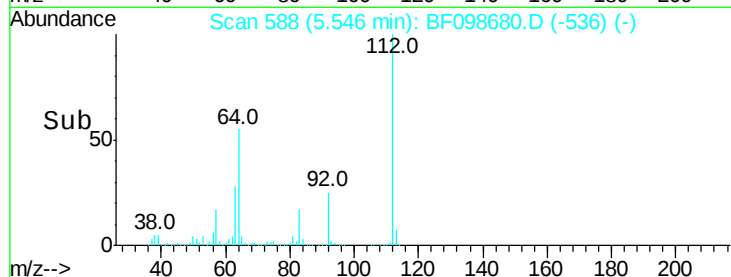
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.859 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

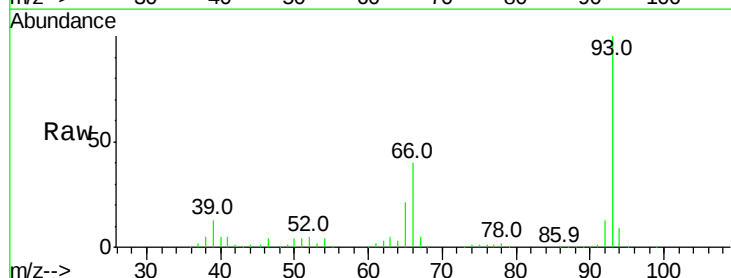
Tgt Ion: 93 Resp: 810748

Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

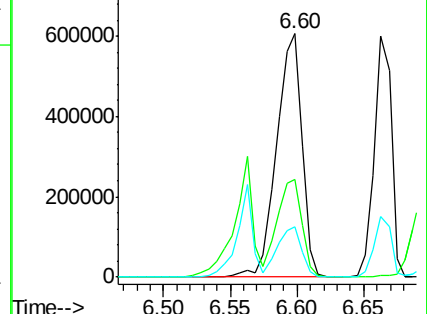
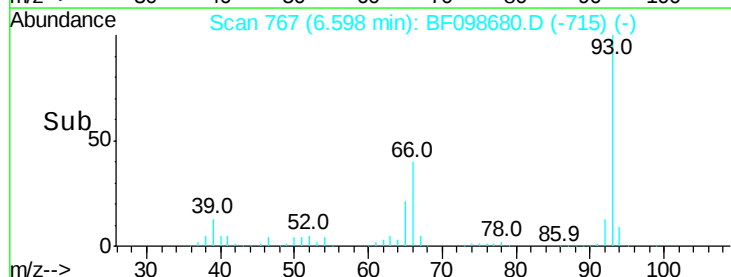
65 20.8 16.4 24.6

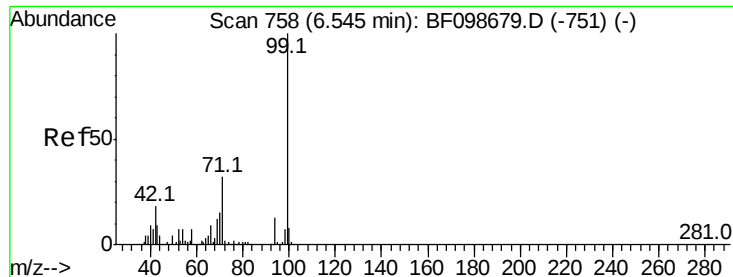


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.038 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

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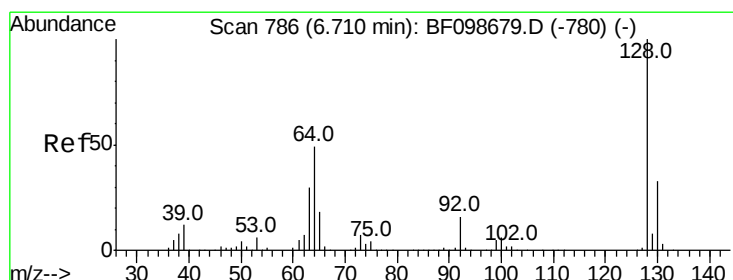
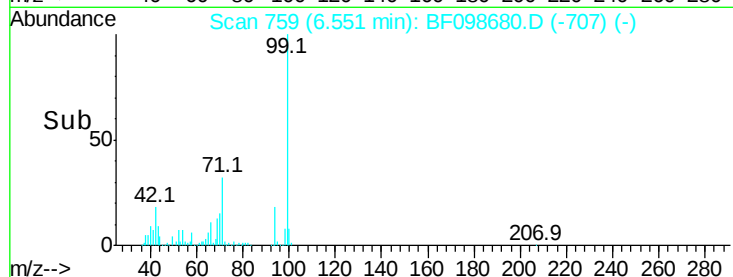
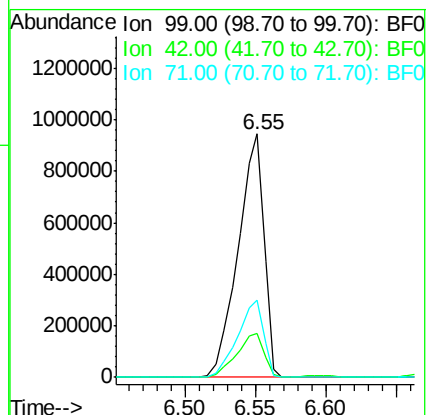
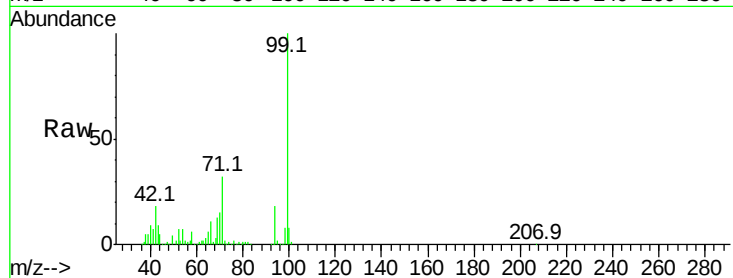
Tot Ion: 99 Resp: 1201778

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 46.426 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

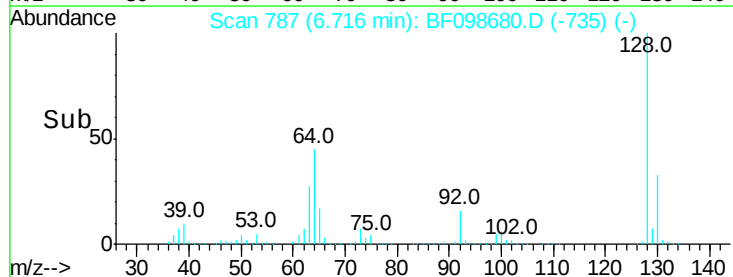
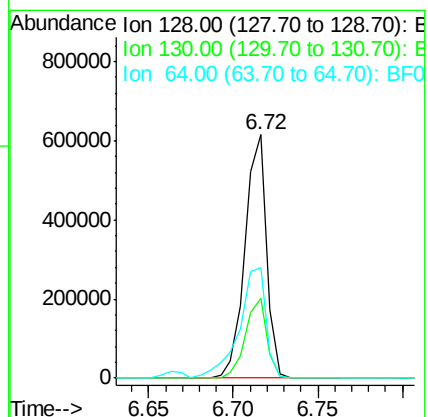
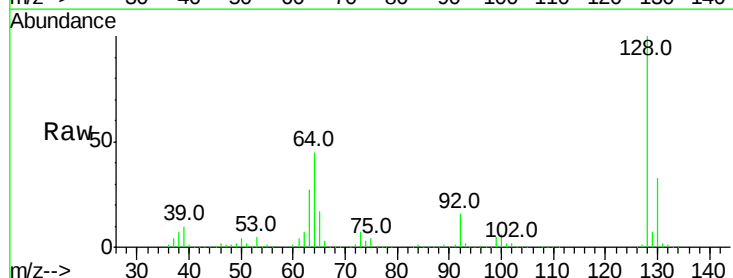
Tgt Ion: 128 Resp: 549079

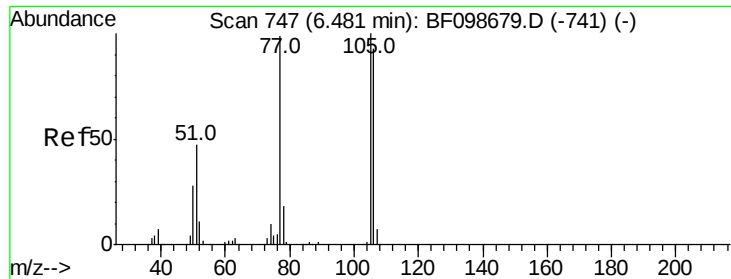
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 45.1 29.4 69.4





#9

Benzaldehyde

Concen: 38.768 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

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ClientSampleId :

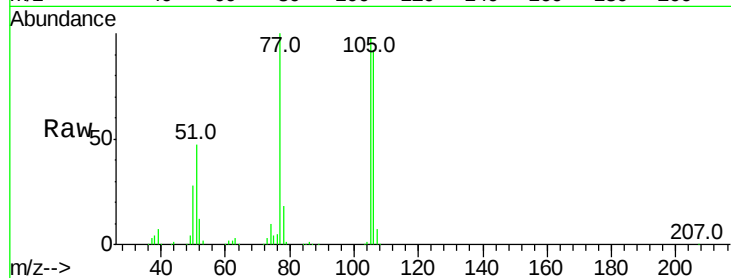
Tot Ion: 77 Resp: 339650

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

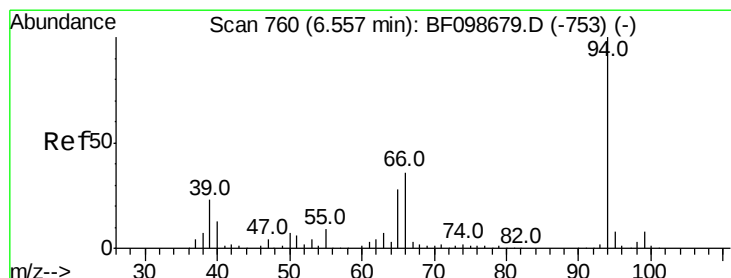
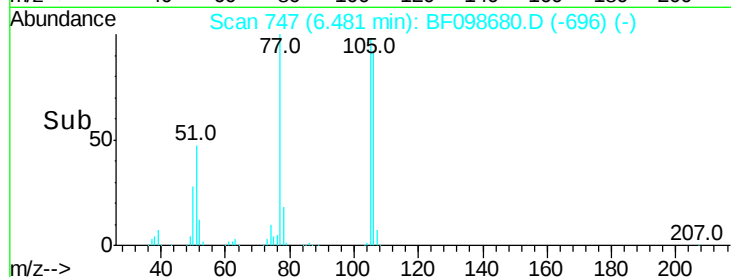
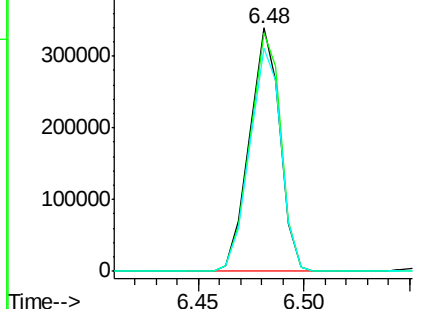
106 91.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.867 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

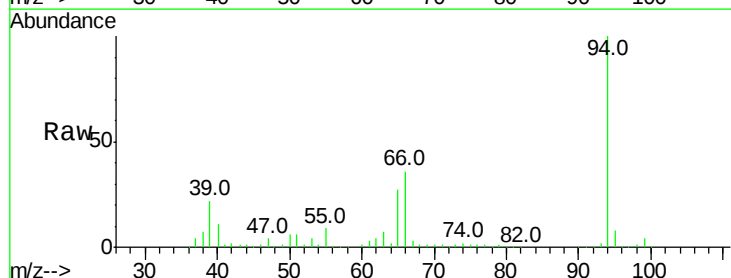
Tgt Ion: 94 Resp: 658846

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

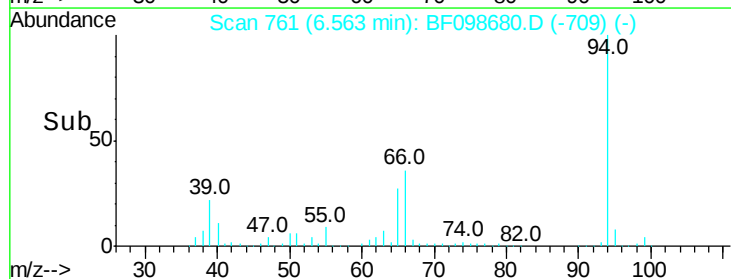
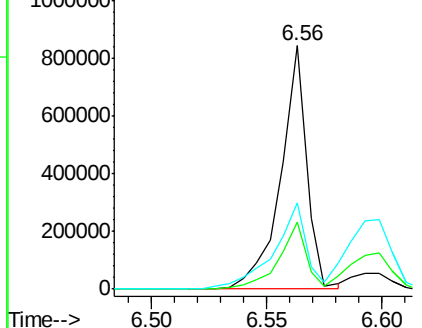
66 35.6 16.2 56.2

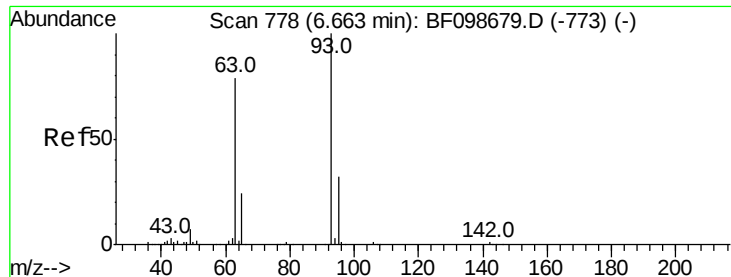


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

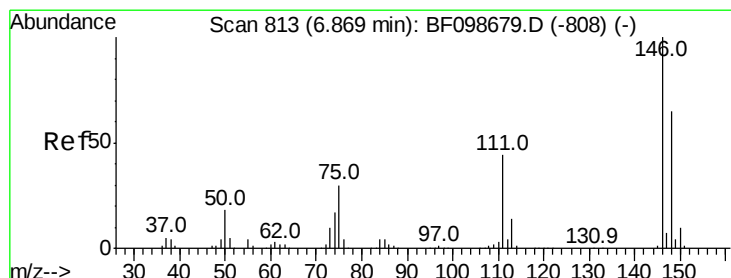
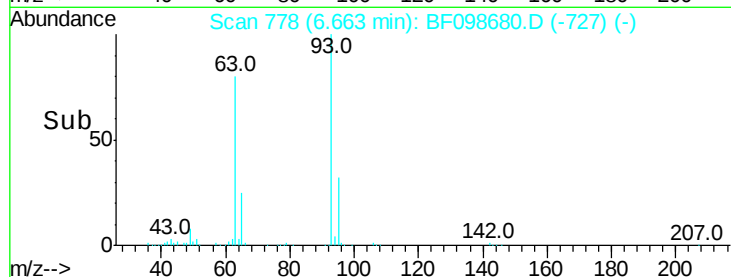
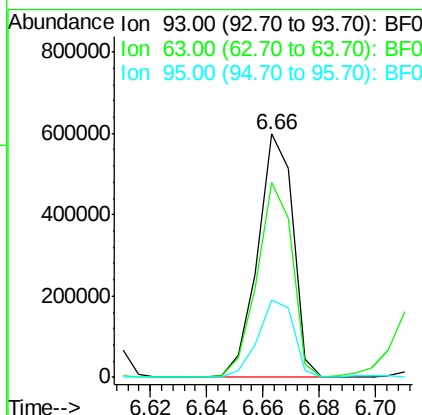
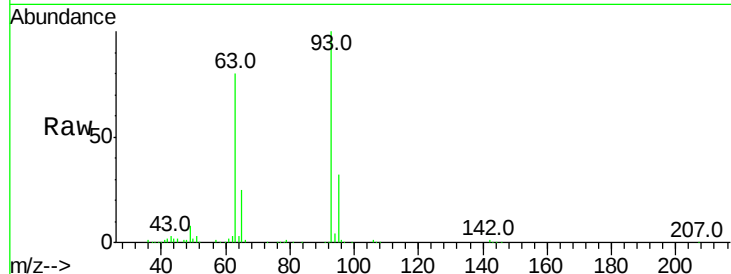




#11
bis(2-Chloroethyl)ether
Concen: 43.829 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

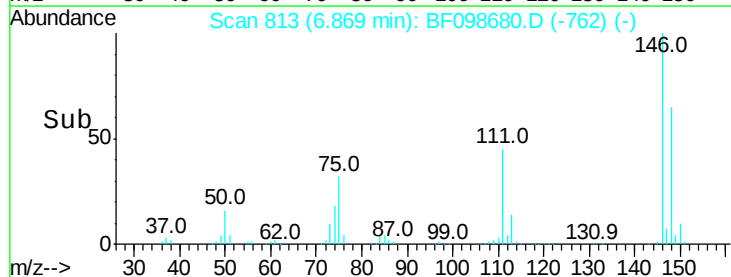
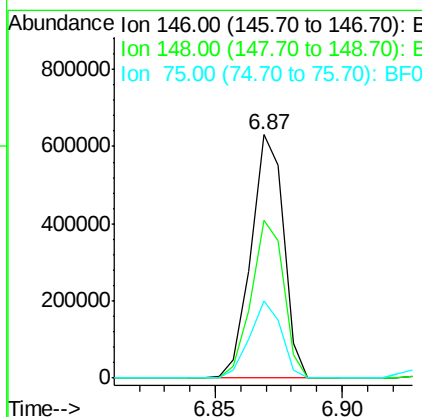
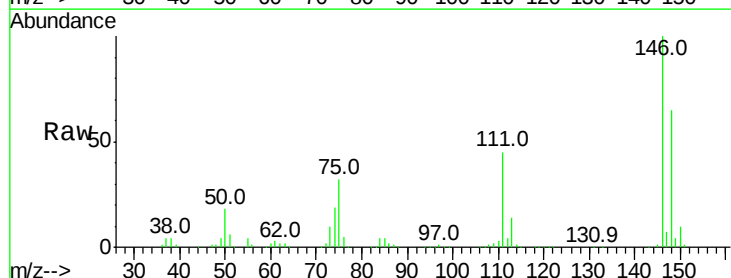
Instrument :
BNA_F
ClientSampleId :

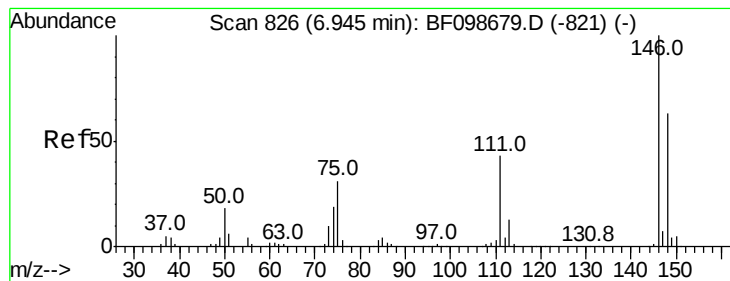
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	58.6	98.6
95	31.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 47.225 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	32.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 47.041 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampled :

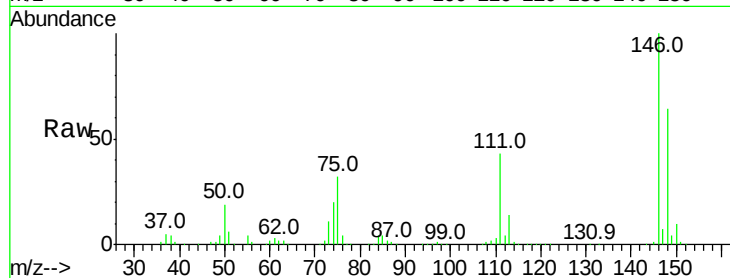
Tot Ion:146 Resp: 577289

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

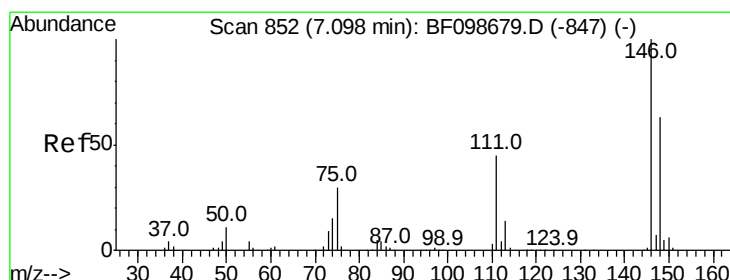
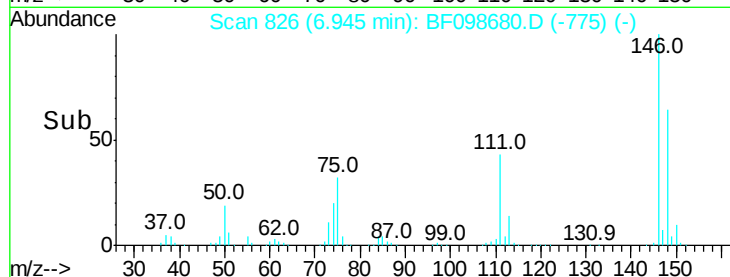
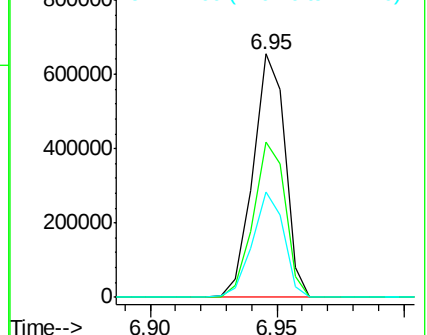
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.308 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

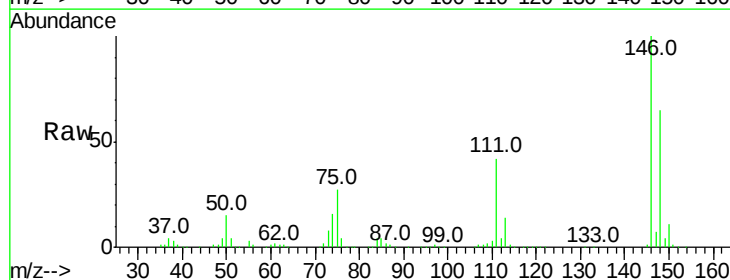
Tgt Ion:146 Resp: 532466

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

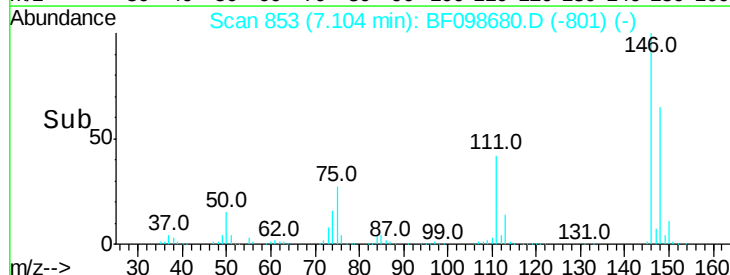
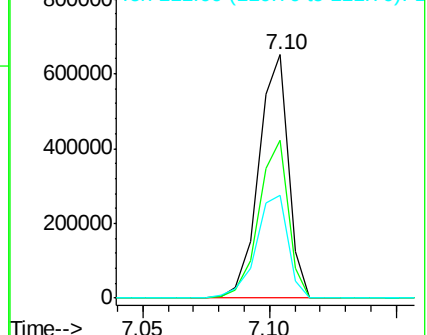
111 42.1 36.0 54.0

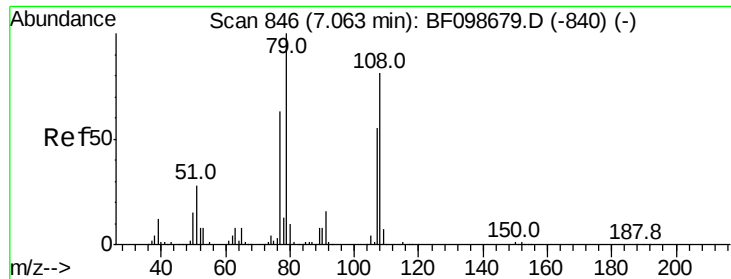


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.463 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

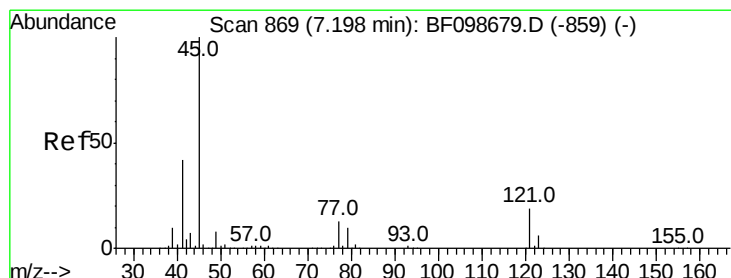
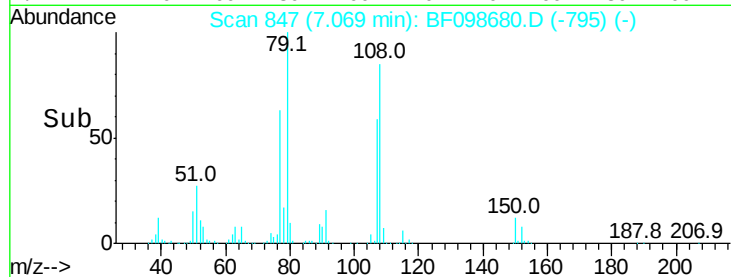
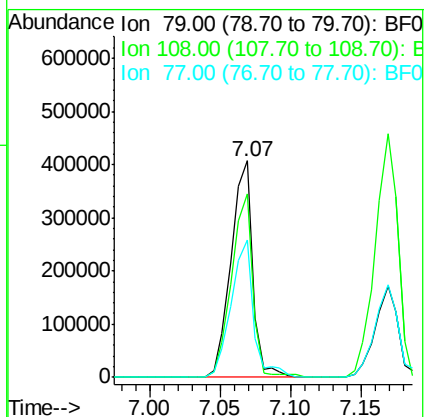
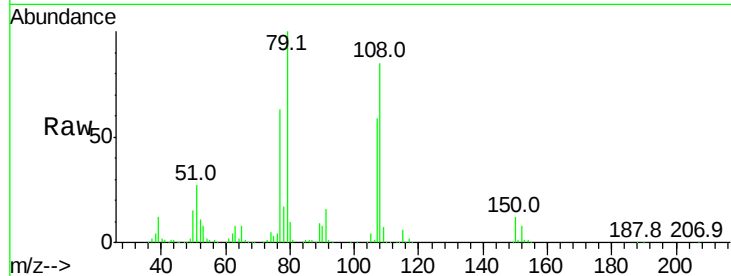
Tot Ion: 79 Resp: 437878

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

77 63.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.988 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

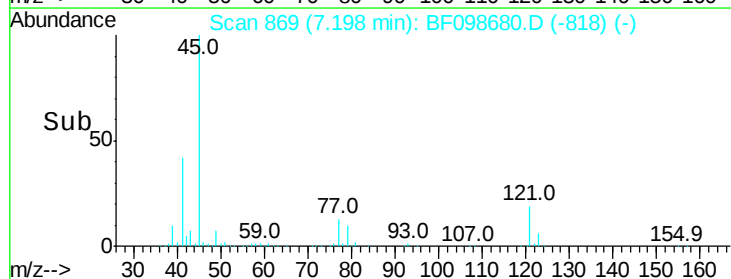
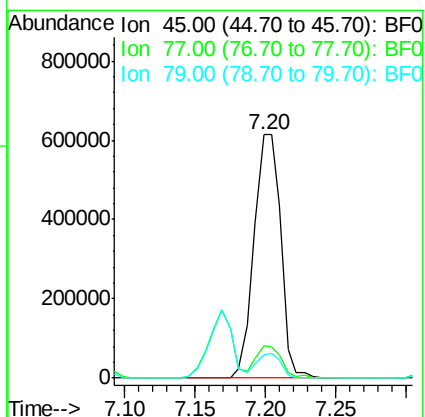
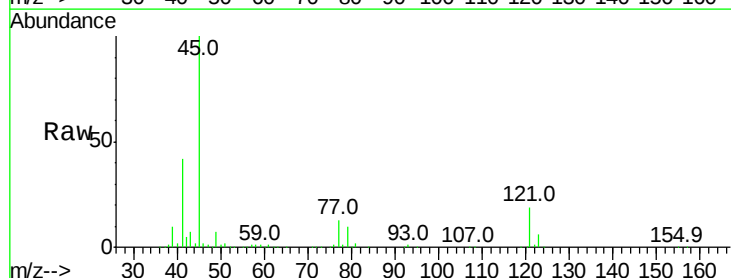
Tgt Ion: 45 Resp: 817709

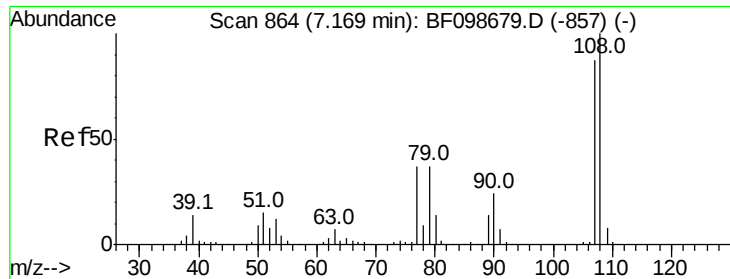
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.9

79 9.5 0.0 29.6

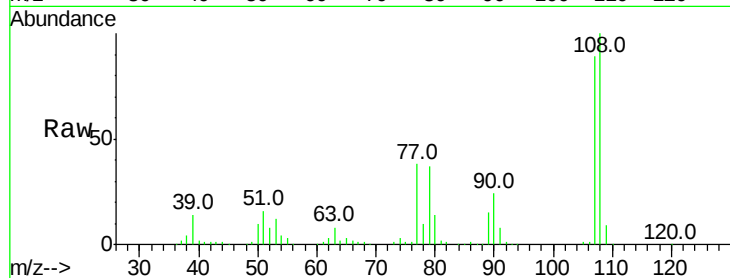




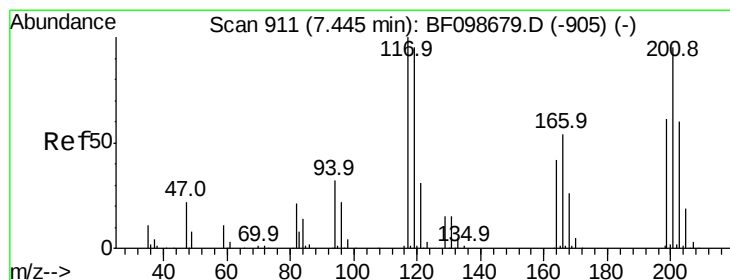
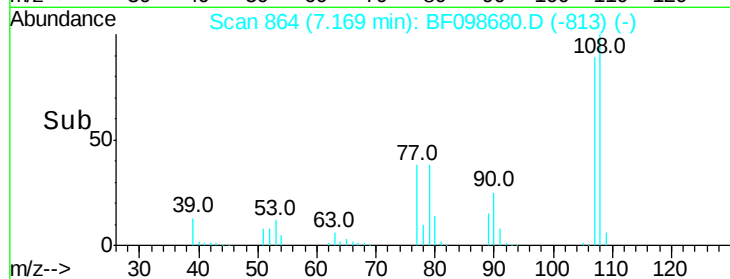
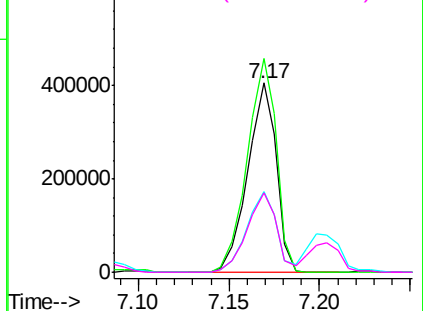
#17
2-Methylphenol
Concen: 45.975 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 443873
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 42.6 33.8 50.8
79 42.1 33.8 50.8

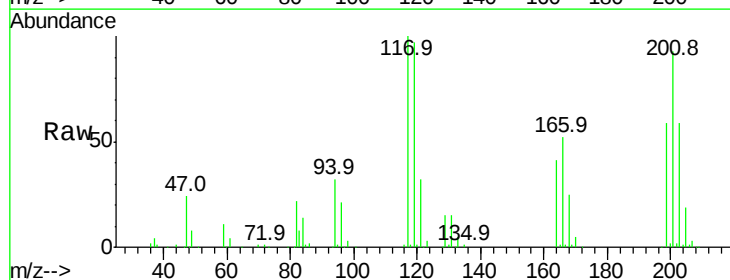


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

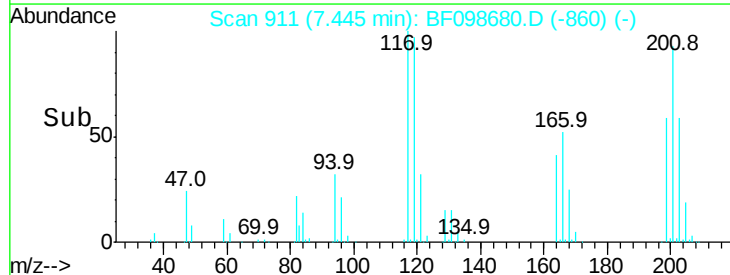
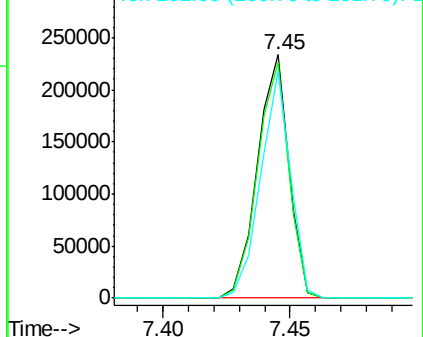


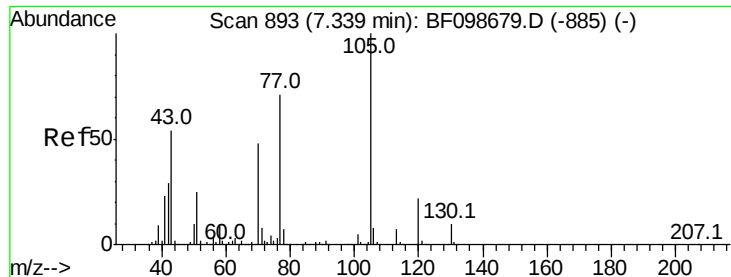
#18
Hexachloroethane
Concen: 43.694 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:117 Resp: 202255
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 93.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

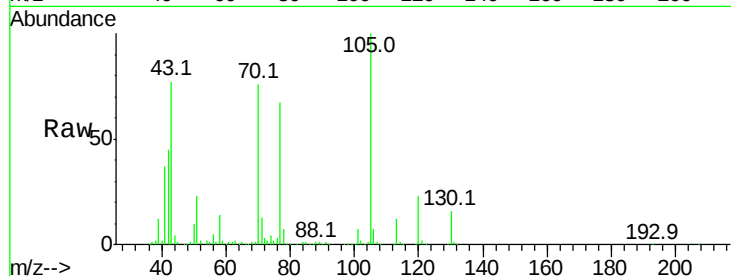




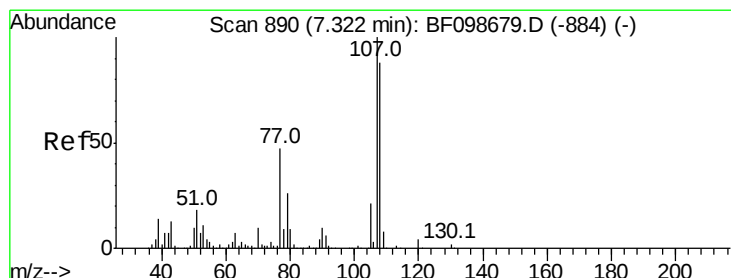
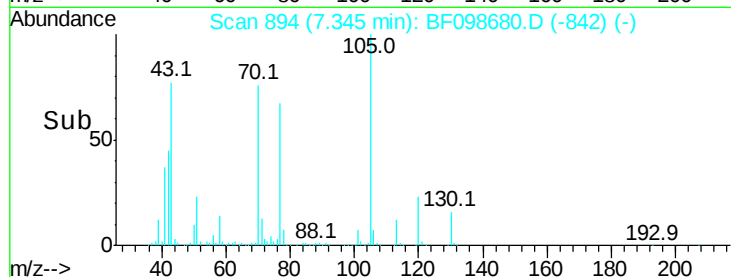
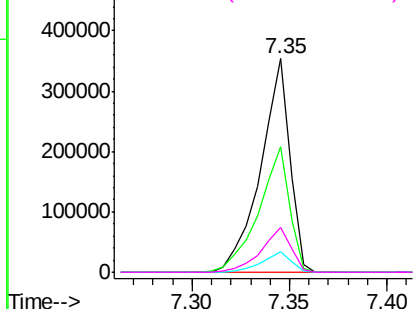
#19
n-Nitroso-di-n-propylamine
Concen: 42.887 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 367383
Ion Ratio Lower Upper
70 100
42 58.8 47.5 71.3
101 9.6 7.4 11.2
130 20.8 16.6 25.0

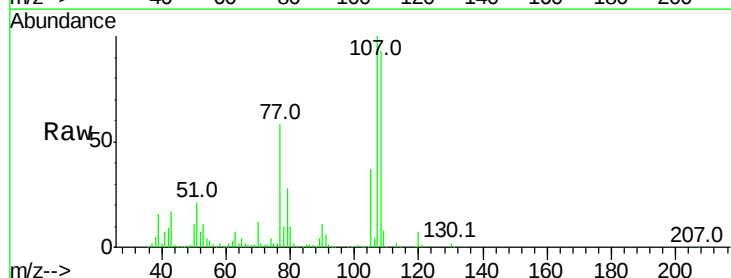


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

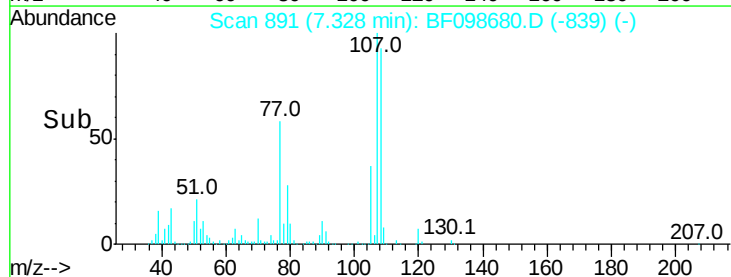
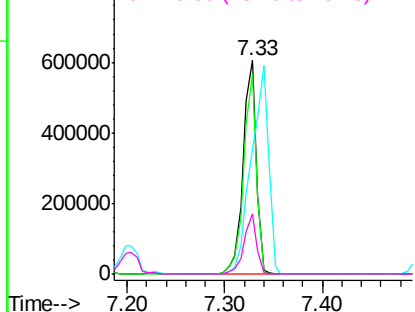


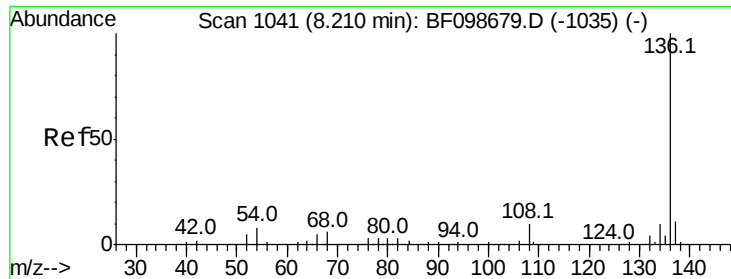
#20
3+4-Methylphenols
Concen: 46.187 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:107 Resp: 566327
Ion Ratio Lower Upper
107 100
108 93.4 68.2 108.2
77 58.1 26.7 66.7
79 27.9 6.3 46.3



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

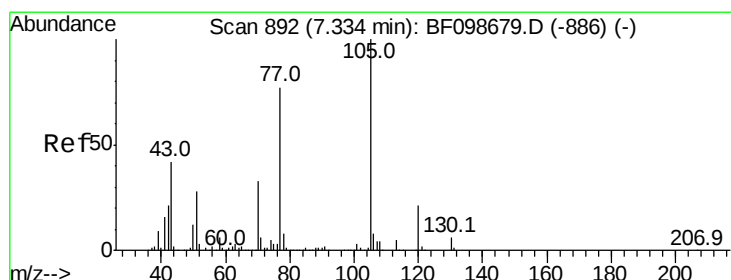
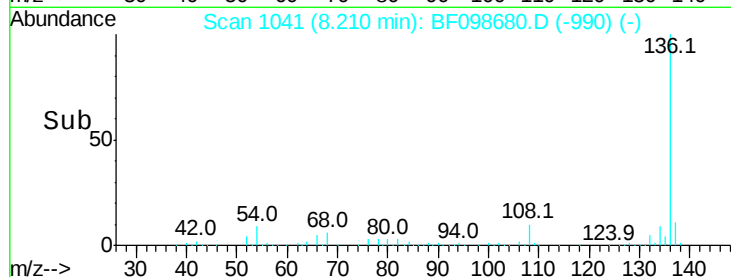
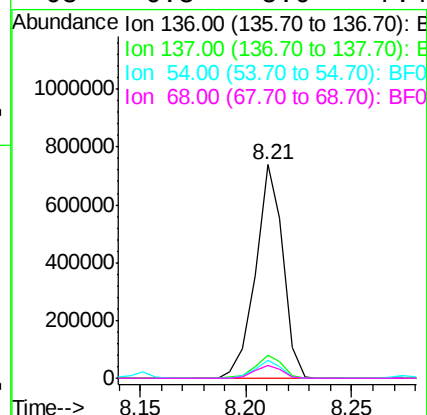
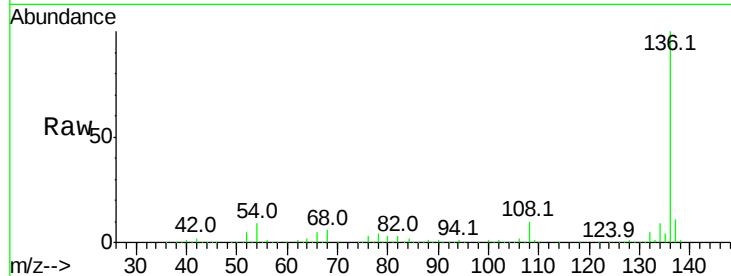




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

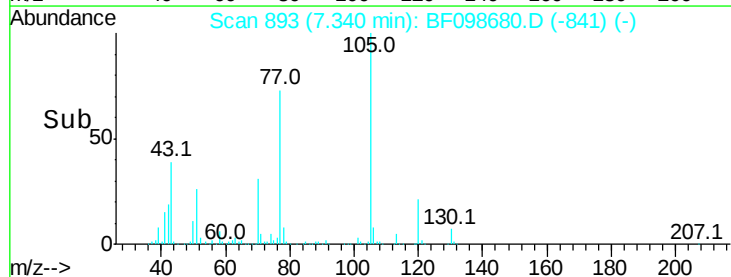
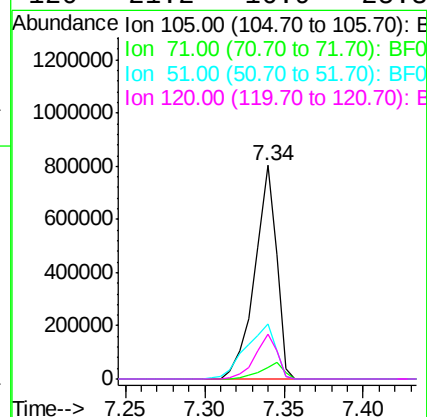
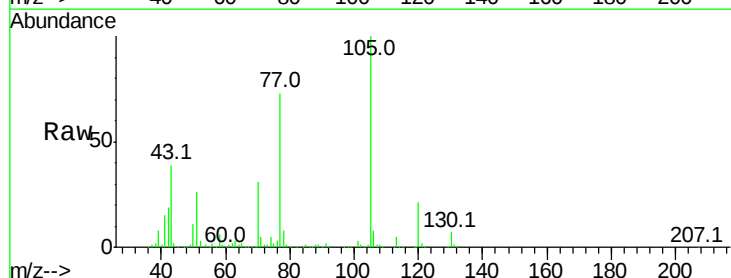
Instrument :
BNA_F
ClientSampleId :

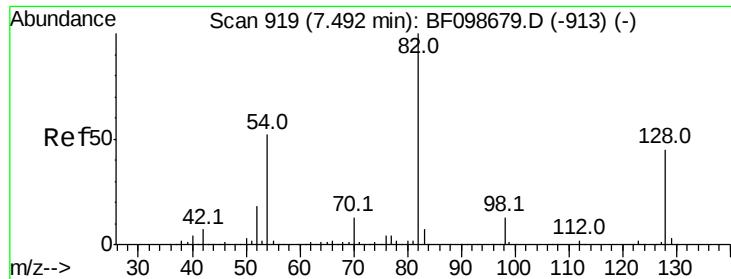
Tot Ion:136	Resp:	664521
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.5	6.6 9.8
68	6.3	5.0 7.4



#22
Acetophenone
Concen: 44.808 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:105	Resp:	764713
Ion Ratio	Lower	Upper
105	100	
71	5.4	4.4 6.6
51	26.0	22.3 33.5
120	21.2	16.9 25.3

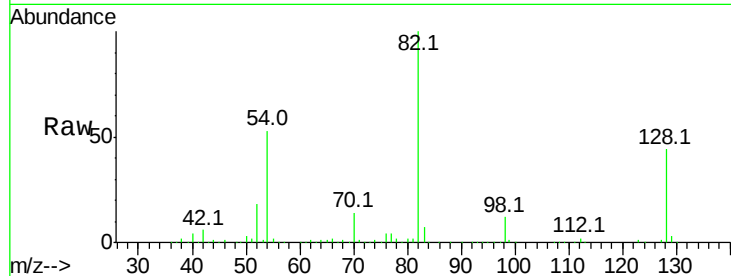




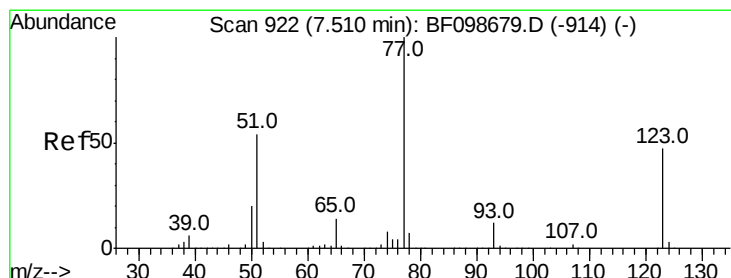
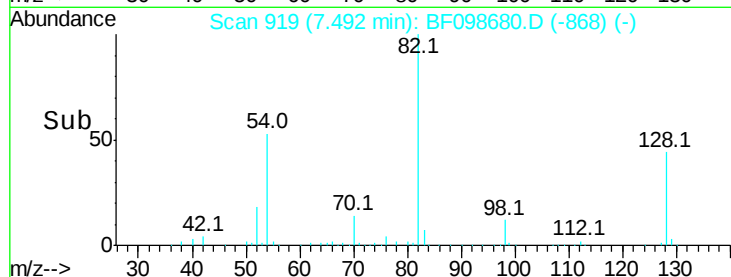
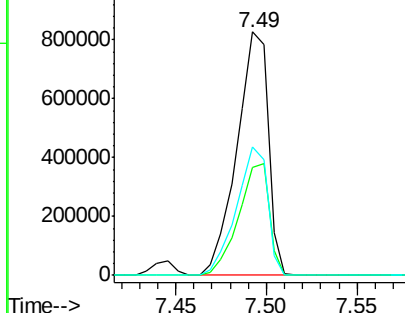
#23
 Nitrobenzene-d5
 Concen: 85.355 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	994808
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	53.0	41.4	62.2

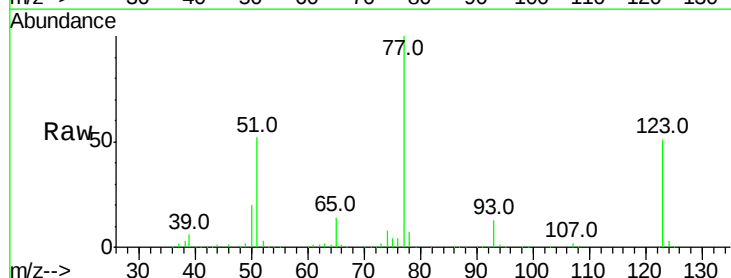


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

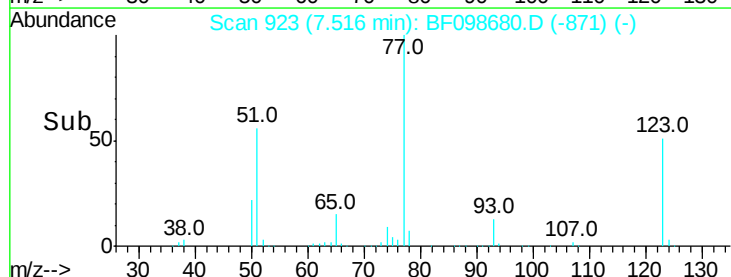
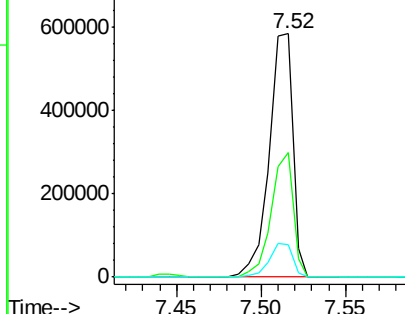


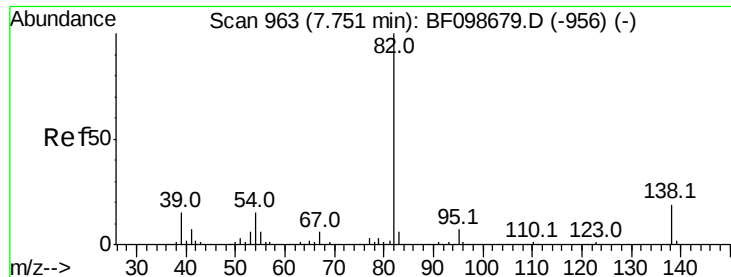
#24
 Nitrobenzene
 Concen: 42.599 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	77	Resp	566247
Ion Ratio	Lower	Upper	
77	100		
123	51.3	37.9	56.9
65	13.5	11.0	16.4



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





#25

Isophorone

Concen: 43.469 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampled :

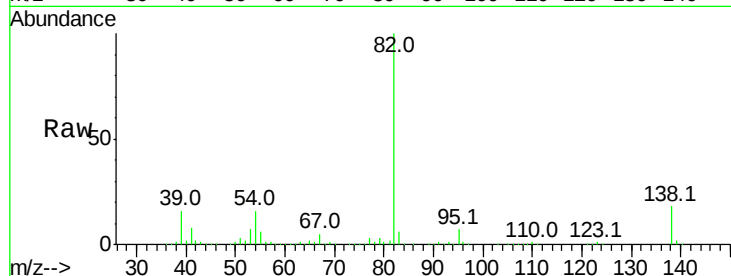
Tot Ion: 82 Resp: 1030521

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

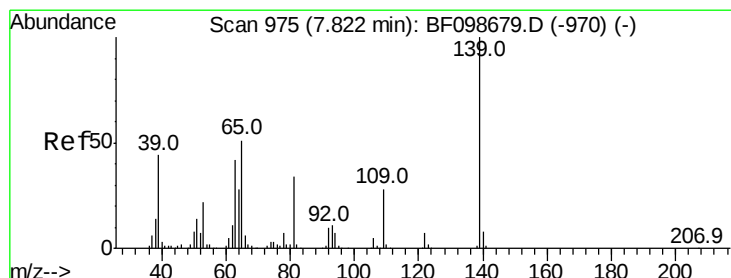
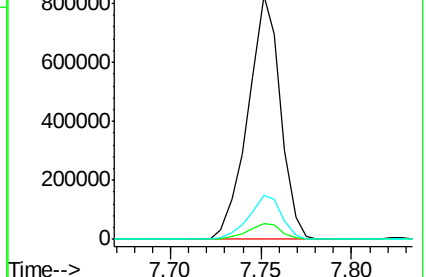
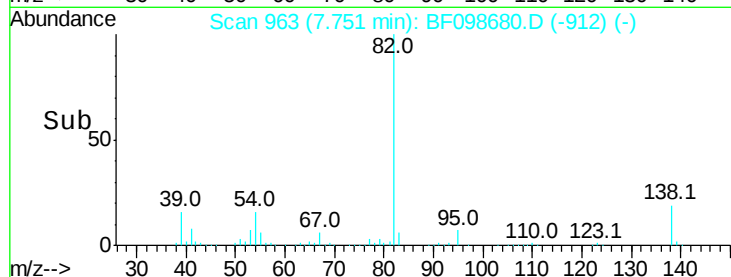
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.663 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

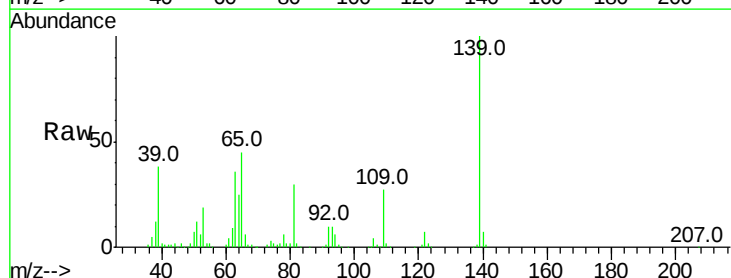
Tgt Ion: 139 Resp: 248395

Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

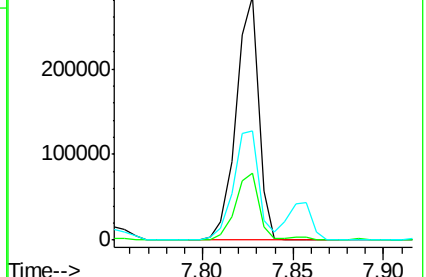
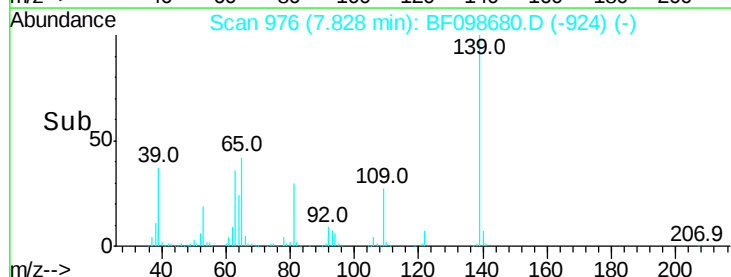
65 44.8 40.5 60.7

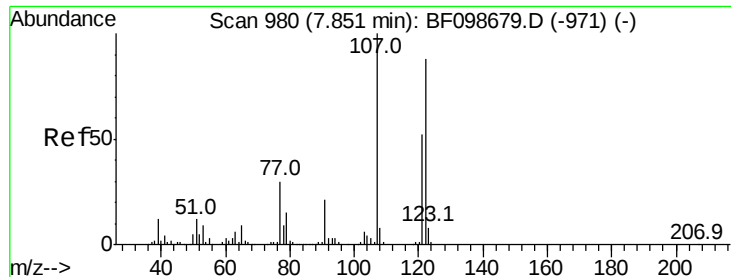


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

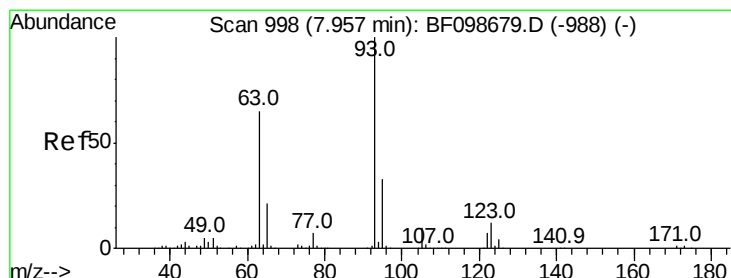
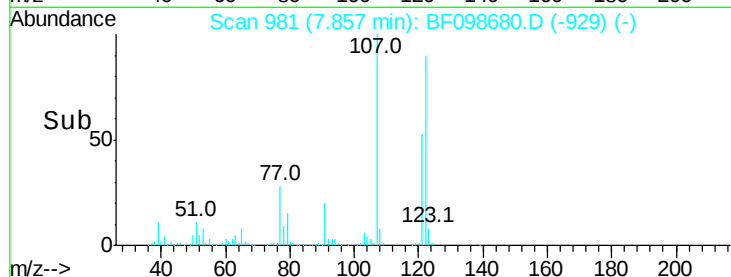
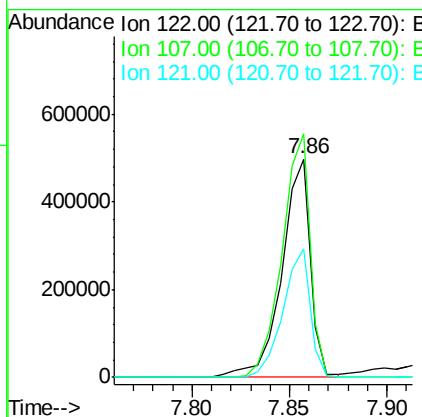
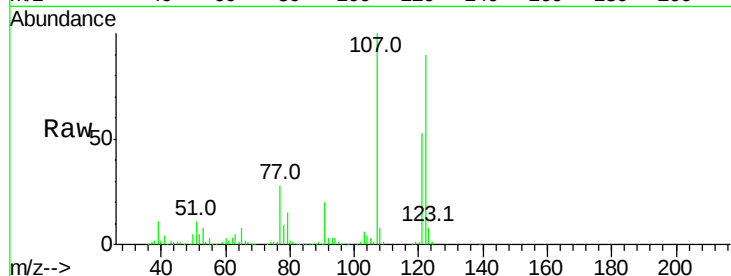




#27
 2,4-Dimethylphenol
 Concen: 48.315 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

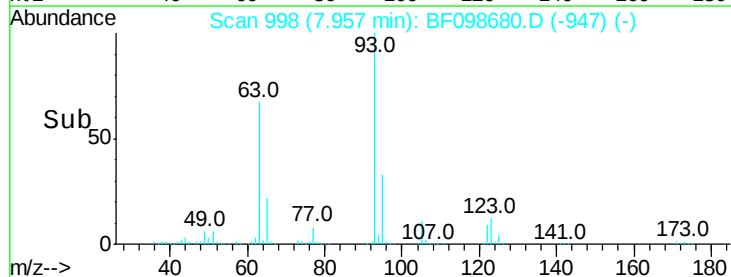
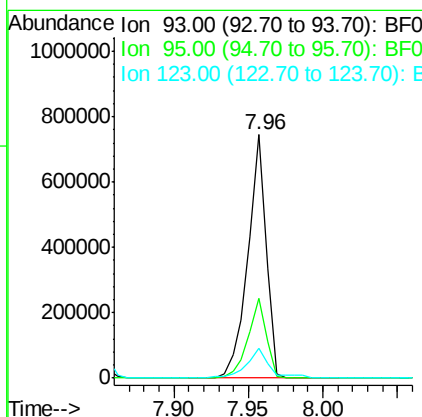
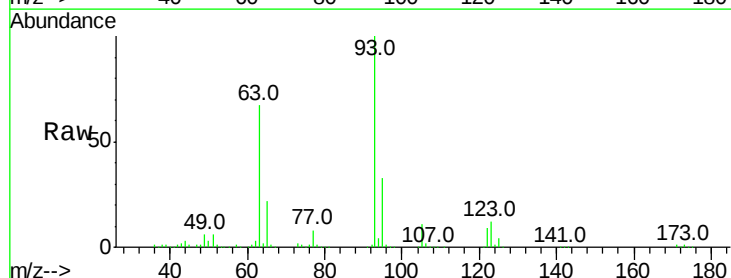
Instrument :
 BNA_F
 ClientSampleId :

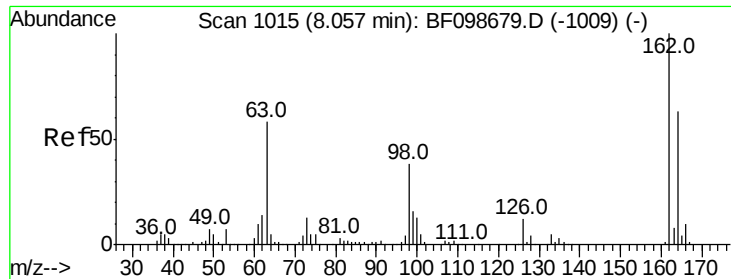
Tot Ion:122 Resp: 505404
 Ion Ratio Lower Upper
 122 100
 107 111.4 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.714 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion: 93 Resp: 632848
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 12.0 9.8 14.6

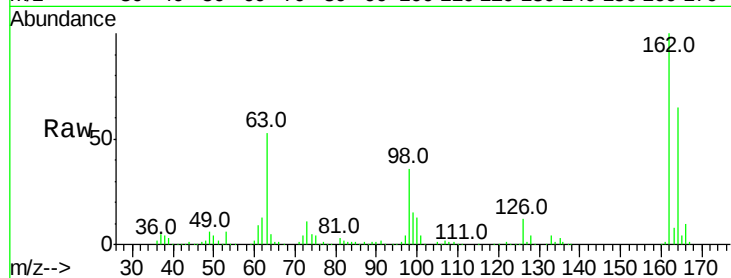




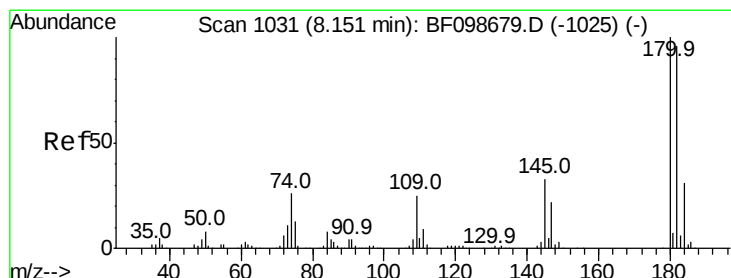
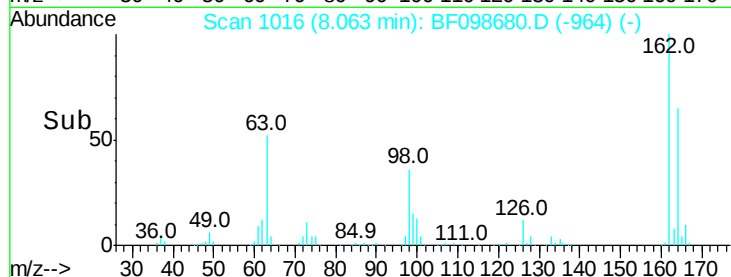
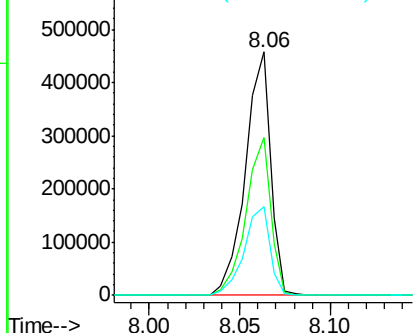
#29
2,4-Dichlorophenol
Concen: 50.862 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 443131
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 36.4 18.1 58.1

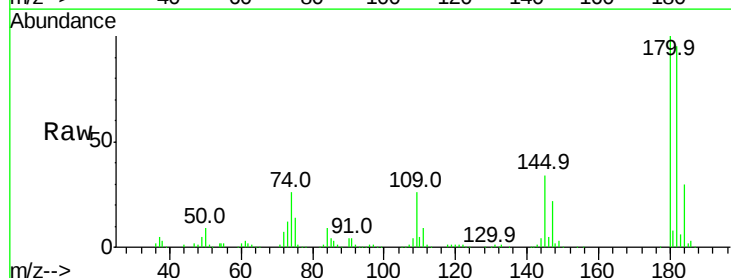


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

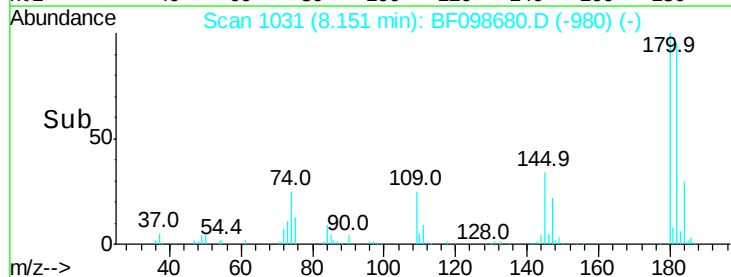
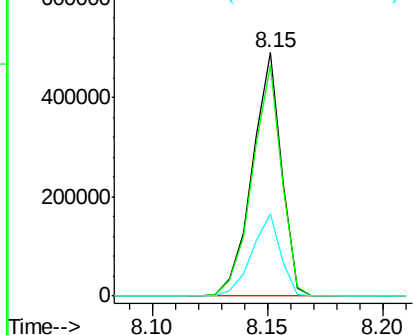


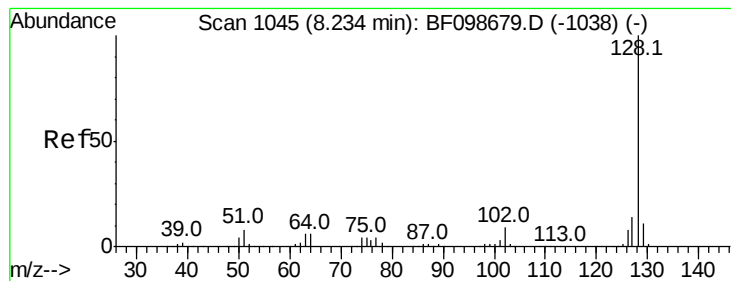
#30
1,2,4-Trichlorobenzene
Concen: 46.082 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:180 Resp: 432866
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 33.7 26.5 39.7



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: 45.309 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

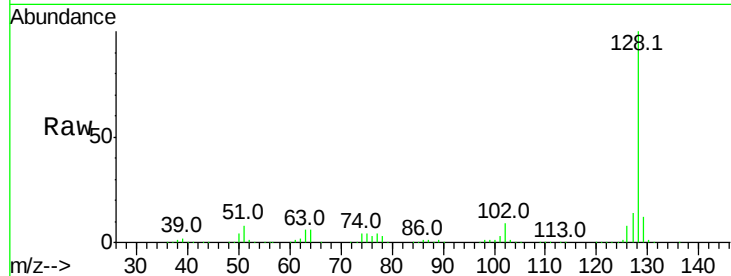
Tot Ion:128 Resp: 1482110

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

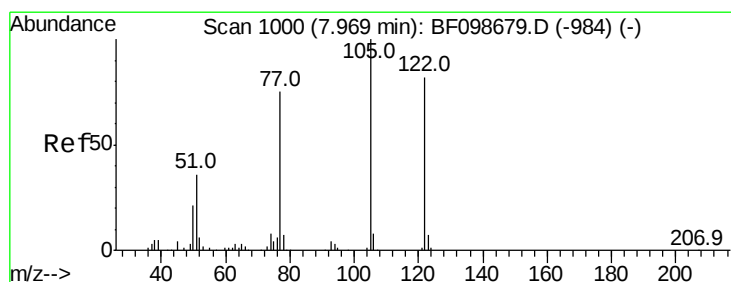
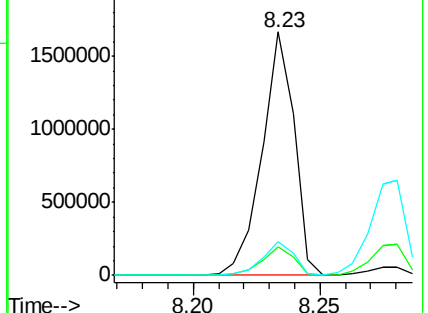
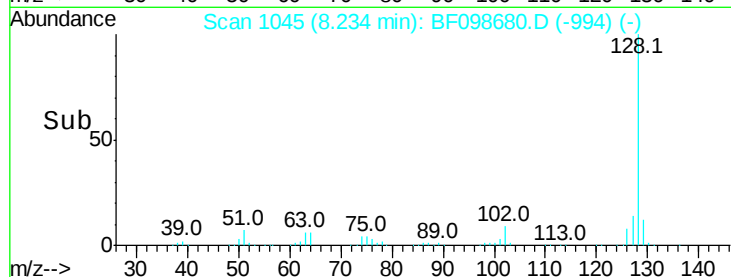
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 61.584 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

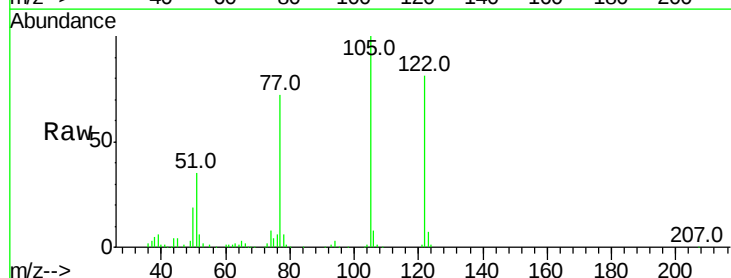
Tgt Ion:122 Resp: 376132

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

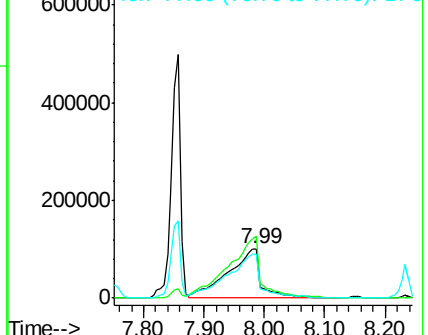
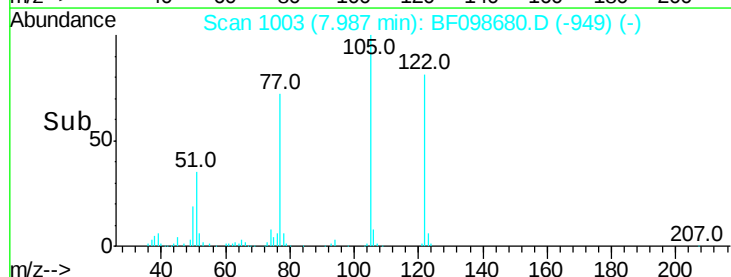
77 89.1 70.7 110.7

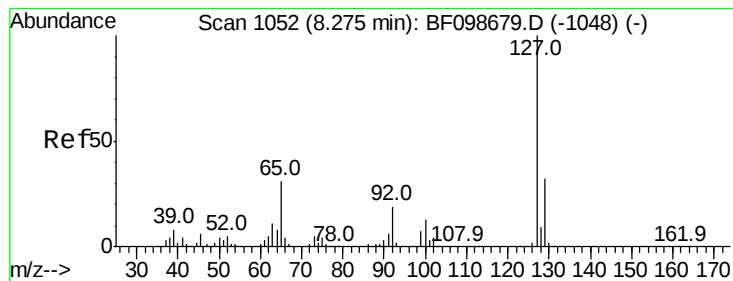


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 47.659 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 634309

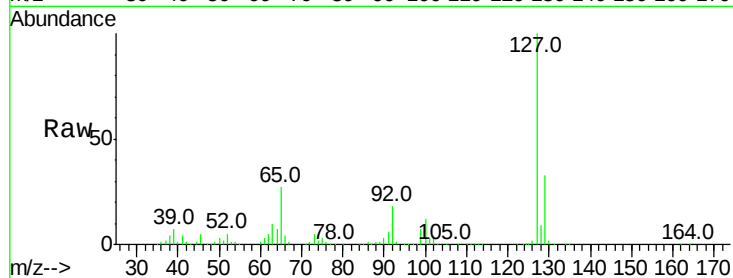
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.4 25.0 37.4

92 17.9 15.2 22.8

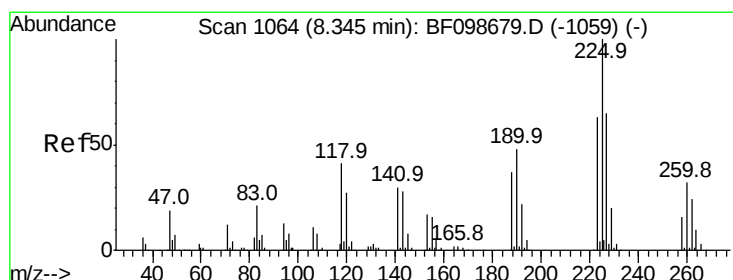
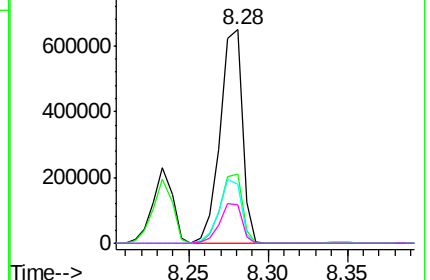
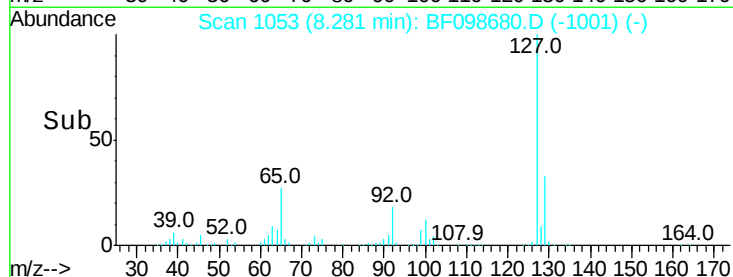


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 48.447 ng

RT: 8.35 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

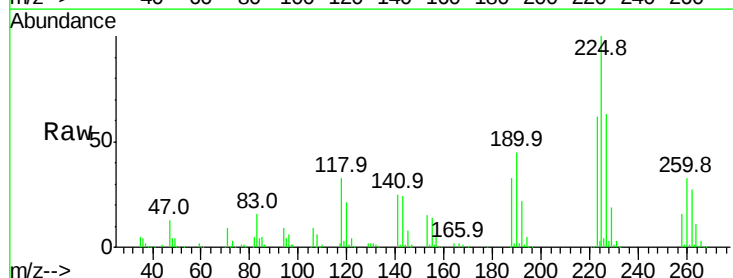
Tgt Ion:225 Resp: 235194

Ion Ratio Lower Upper

225 100

223 61.6 50.6 76.0

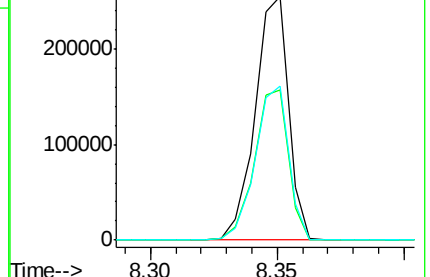
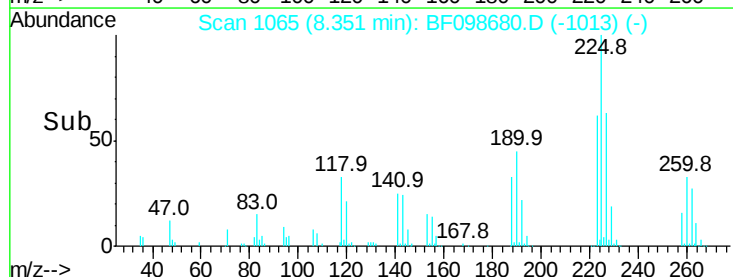
227 63.4 51.9 77.9

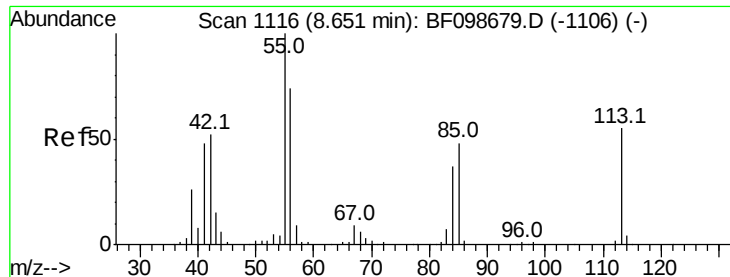


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

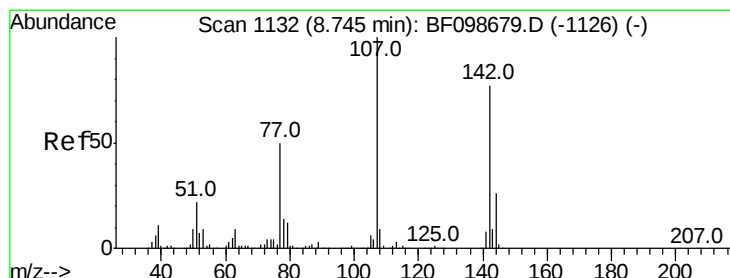
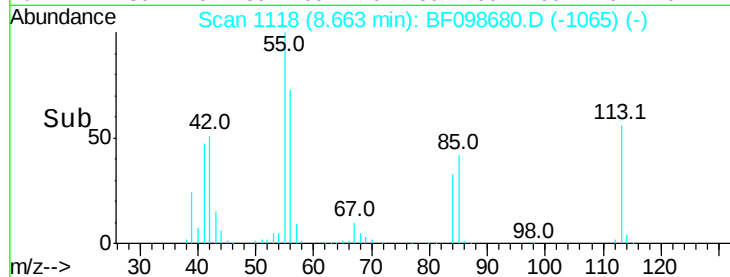
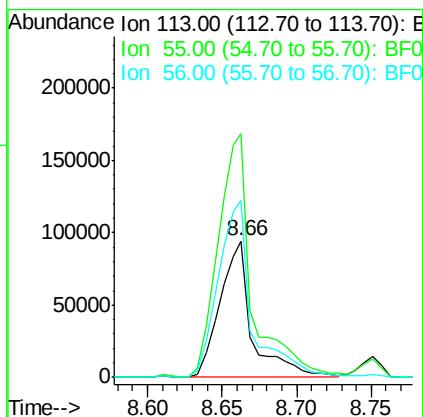
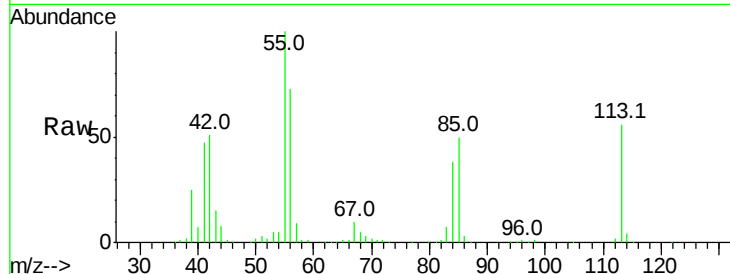




#35
 Caprolactam
 Concen: 47.728 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

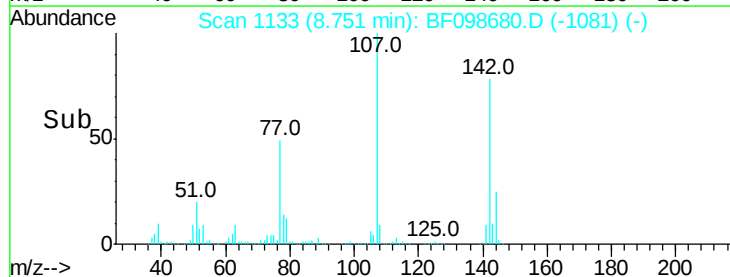
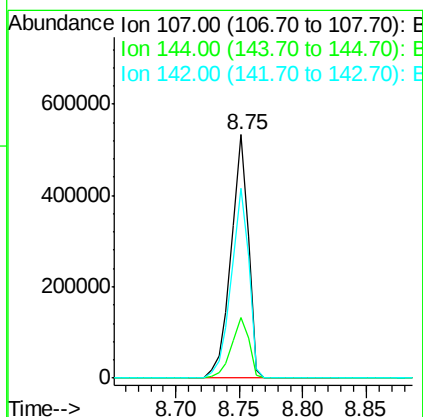
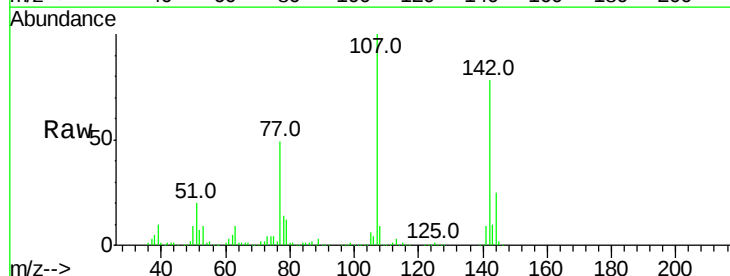
Instrument :
 BNA_F
 ClientSampled :

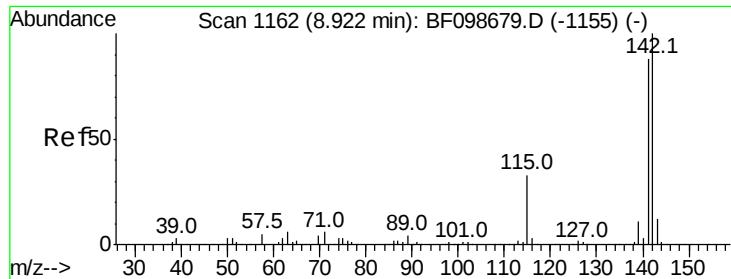
Tot Ion:113 Resp: 143233
 Ion Ratio Lower Upper
 113 100
 55 178.7 163.3 203.3
 56 130.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.649 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion:107 Resp: 499188
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 77.9 62.0 93.0

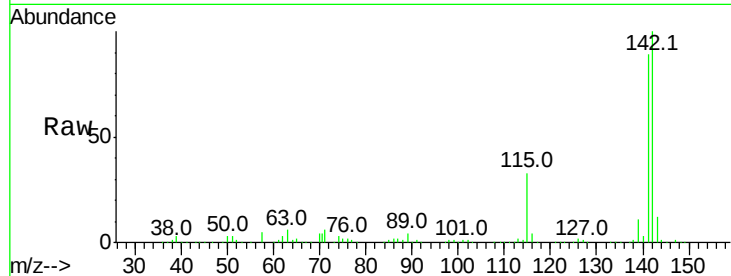




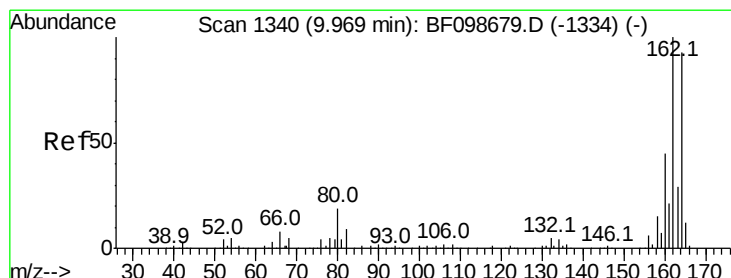
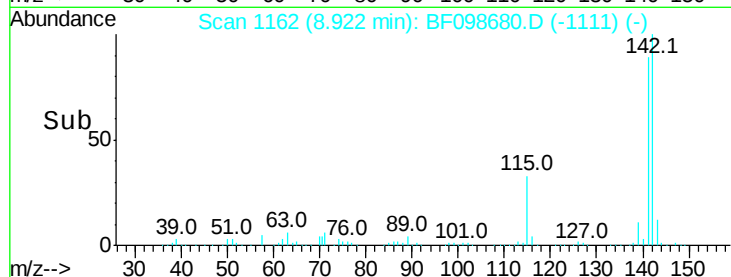
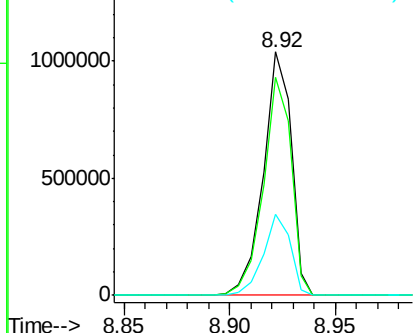
#37
2-Methylnaphthalene
Concen: 47.989 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.1	26.1	39.1

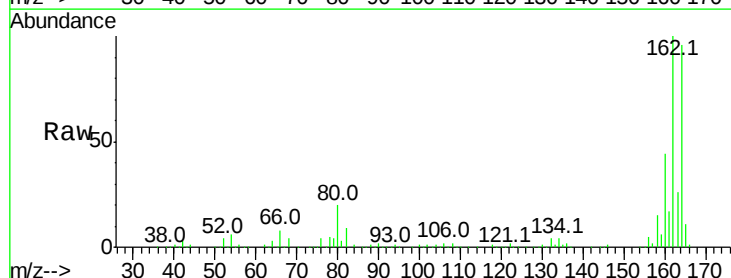


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

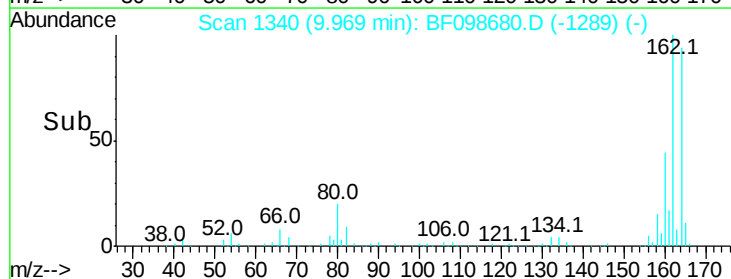
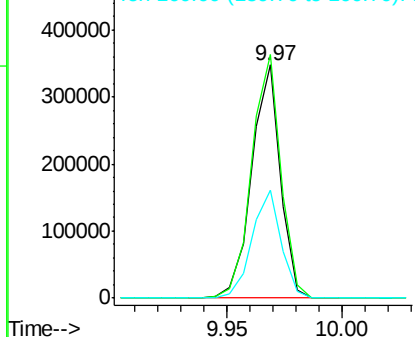


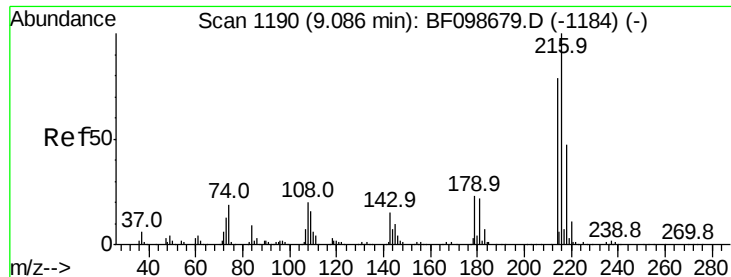
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

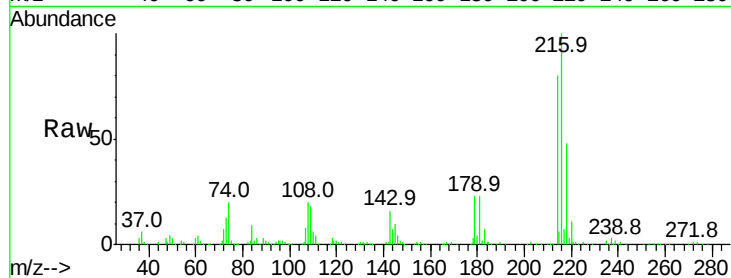




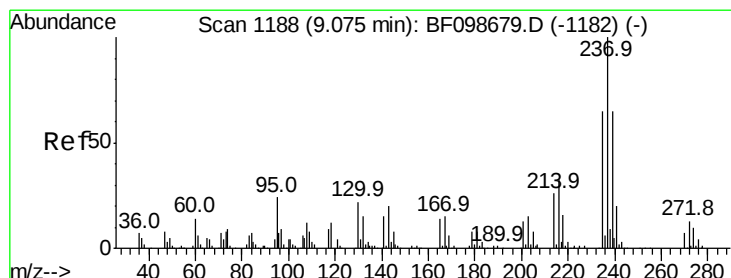
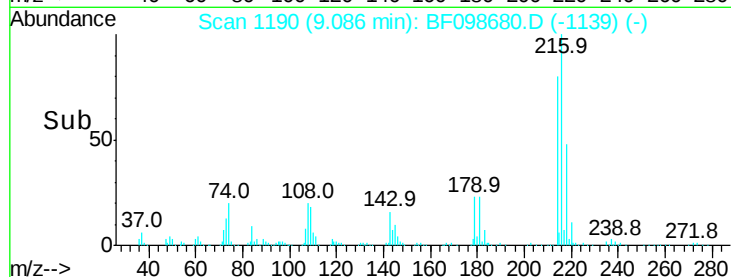
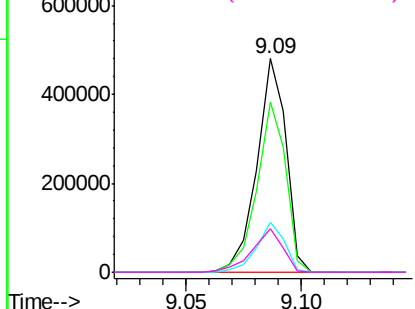
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.371 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	422886
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.5	18.1	27.1
108	21.5	17.2	25.8

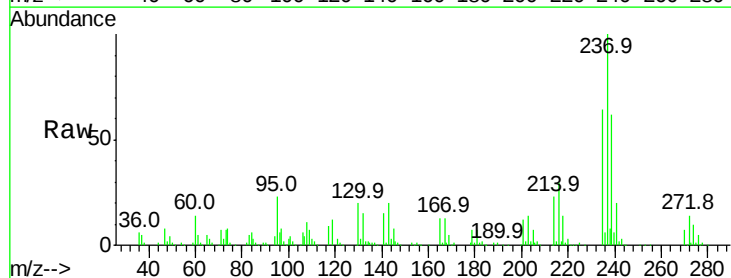


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

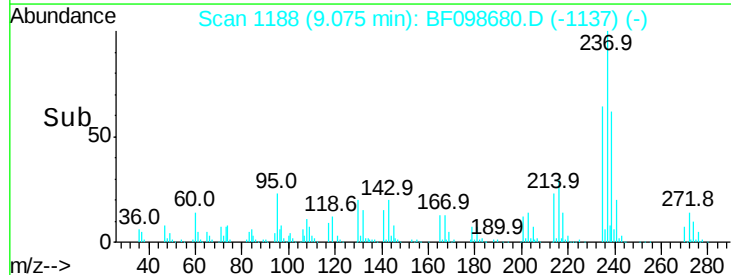
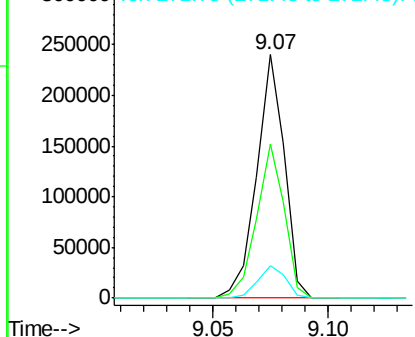


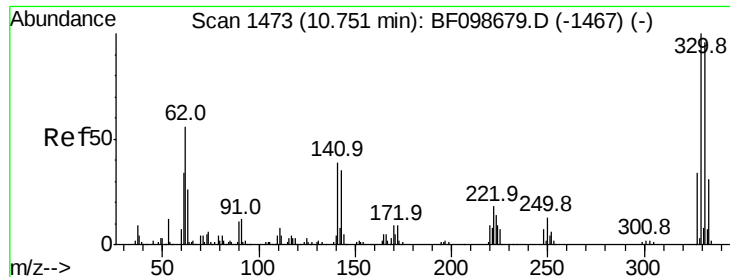
#40
 Hexachlorocyclopentadiene
 Concen: 83.983 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion:	237	Resp:	201491
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.5	0.0	33.3



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

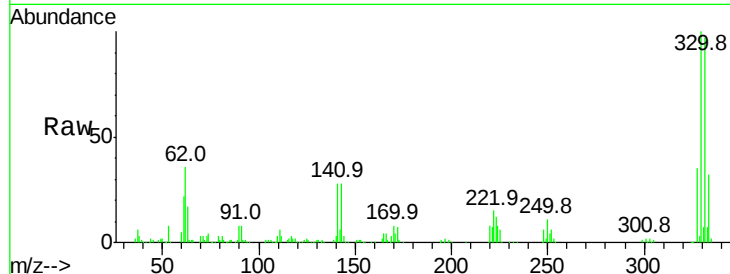




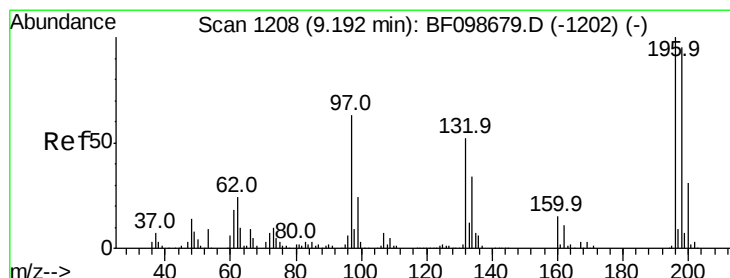
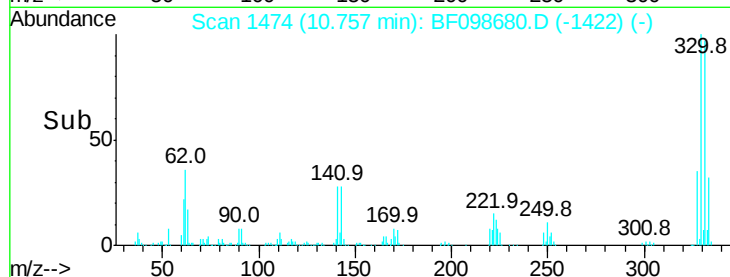
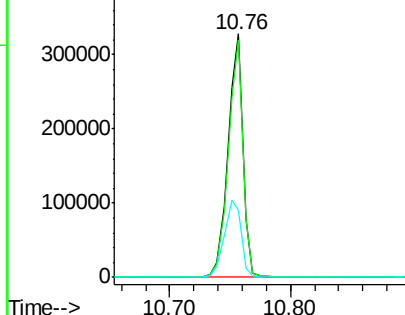
#41
 2,4,6-Tribromophenol
 Concen: 132.635 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.8	29.9	44.9

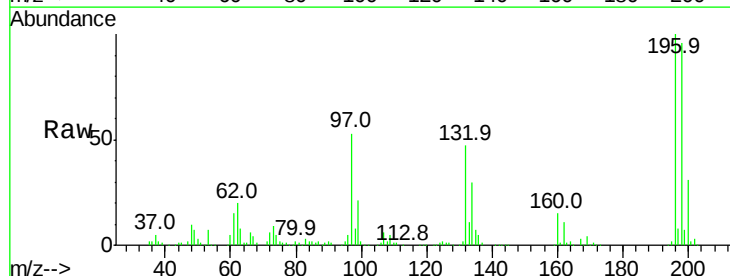


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

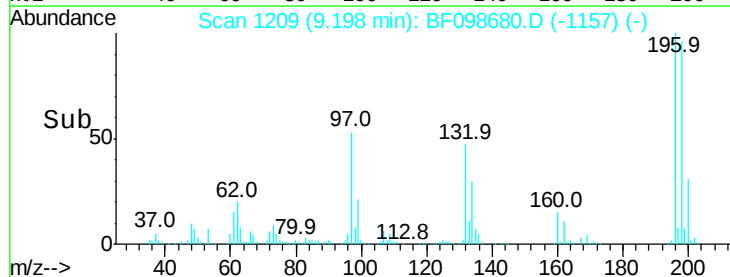
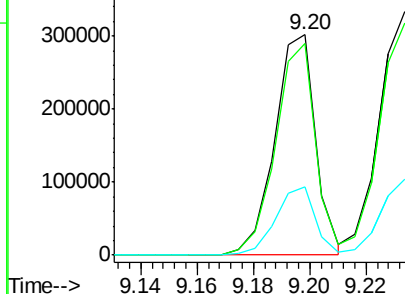


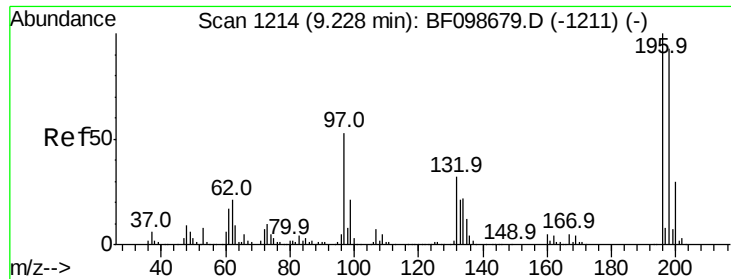
#42
 2,4,6-Trichlorophenol
 Concen: 54.336 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	31.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

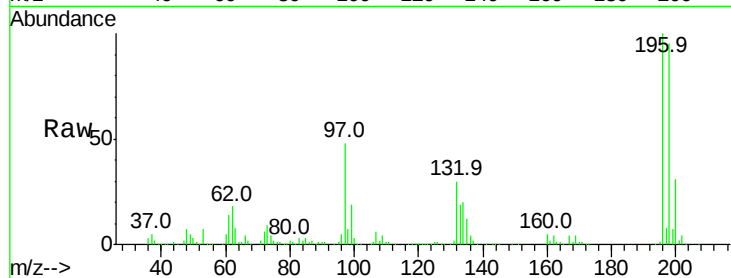




#43
 2,4,5-Trichlorophenol
 Concen: 52.503 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	47.7	42.9	64.3
132	30.0	26.3	39.5



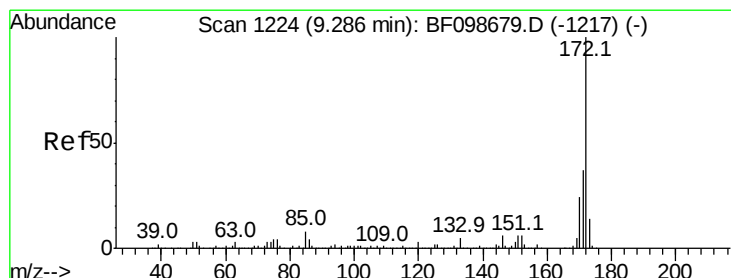
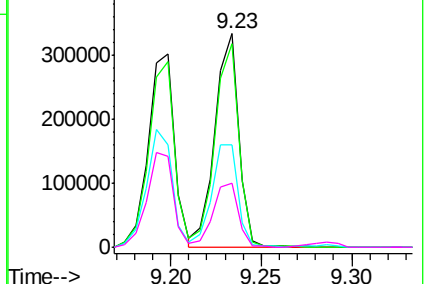
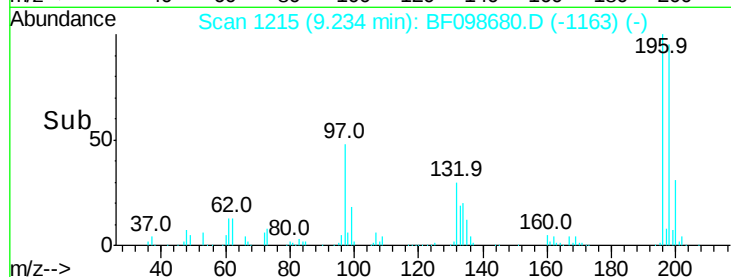
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

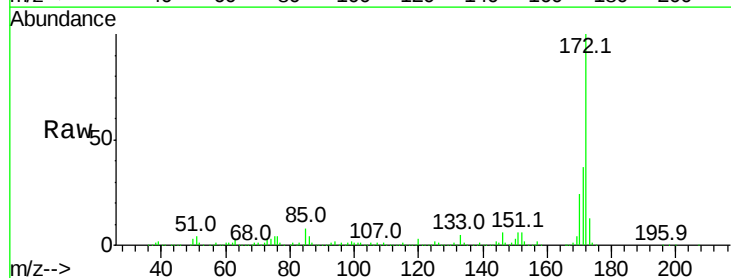
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.861 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

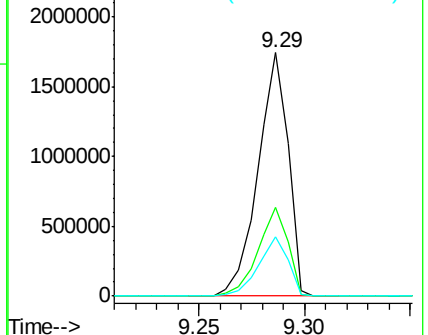
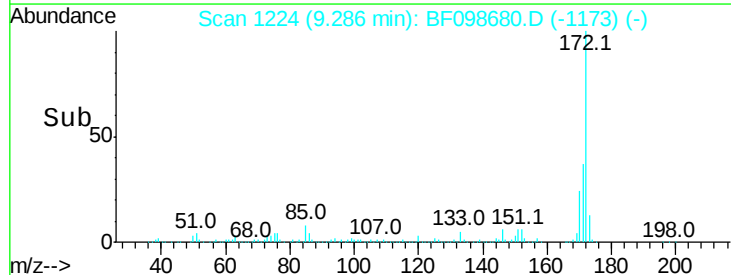


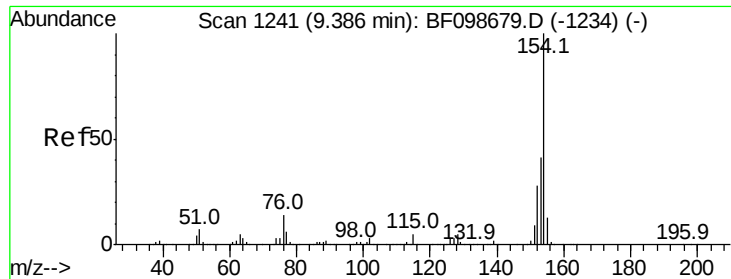
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



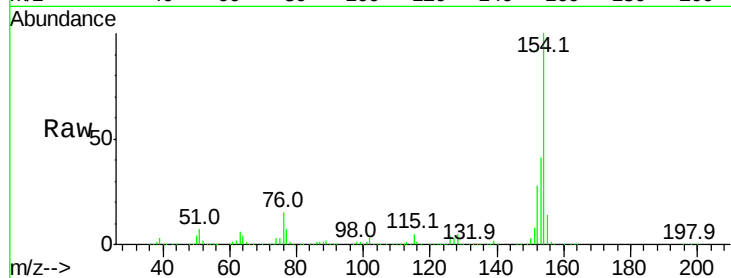


#45
 1,1'-Biphenyl
 Concen: 45.592 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

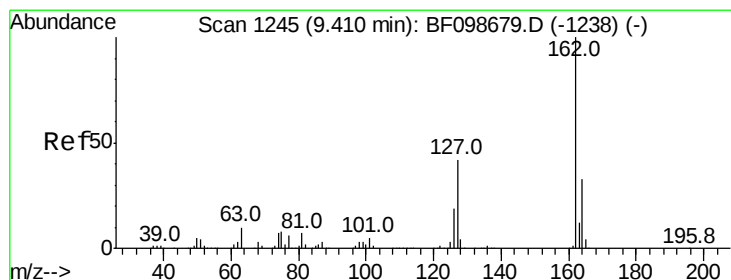
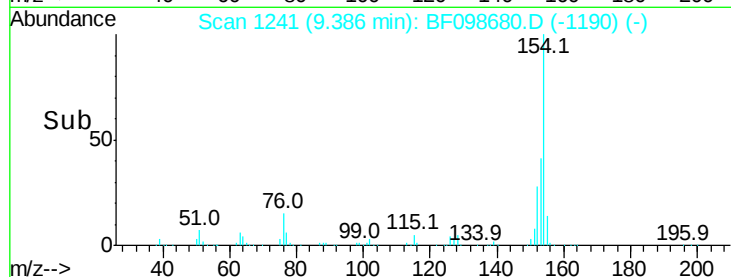
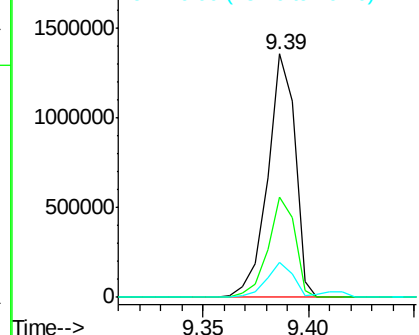
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1222888

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.5	0.0	34.0



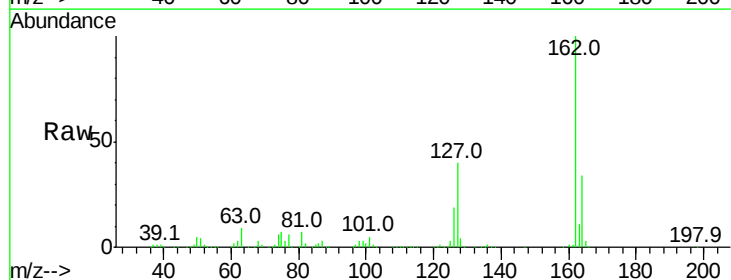
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



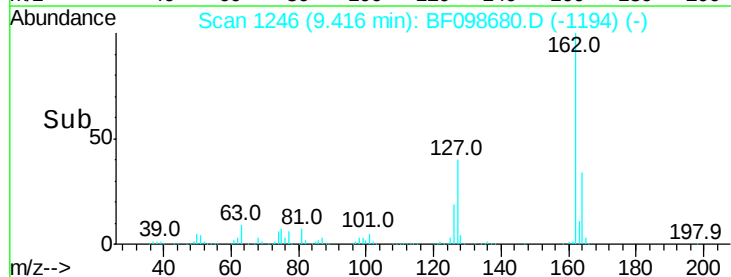
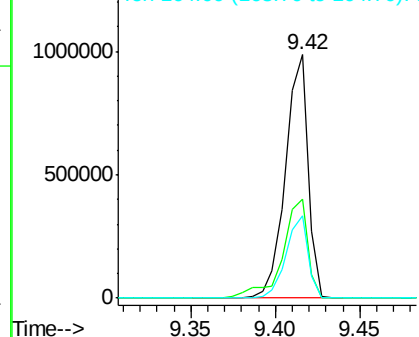
#46
 2-Chloronaphthalene
 Concen: 47.887 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

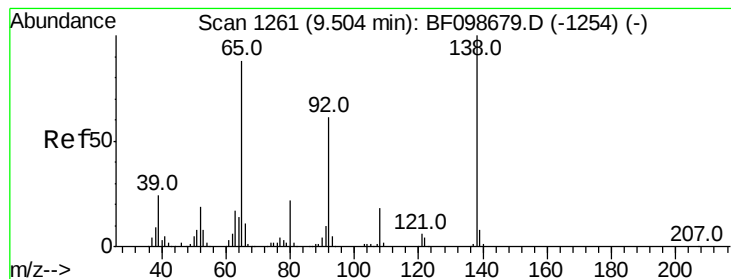
Tgt Ion:162 Resp: 922712

Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.7	26.5	39.7



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





#47

2-Nitroaniline

Concen: 39.812 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

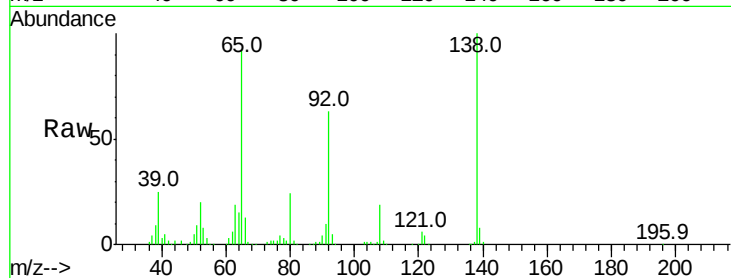
Tot Ion: 65 Resp: 282841

Ion Ratio Lower Upper

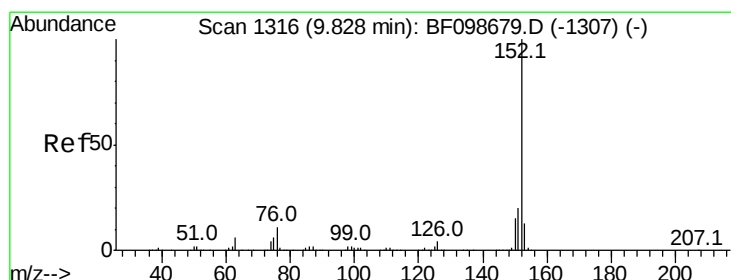
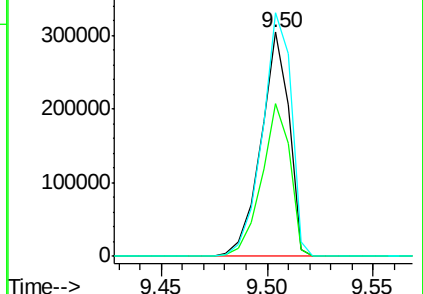
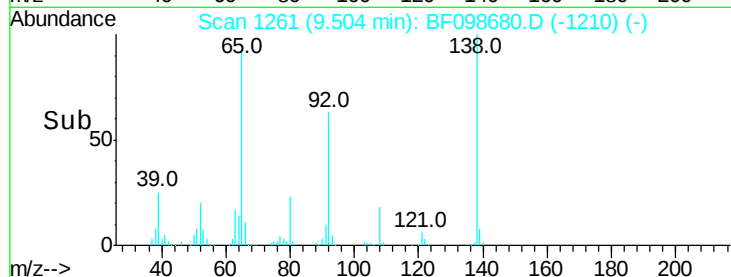
65 100

92 68.1 55.8 83.6

138 108.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 48.878 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

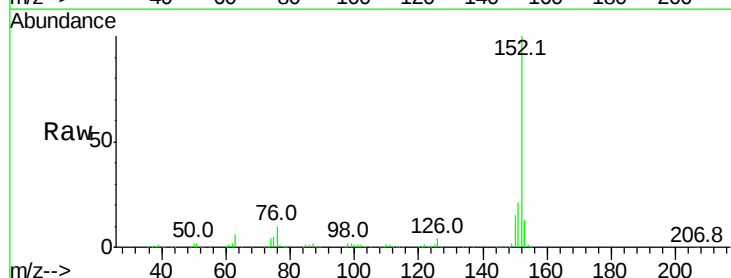
Tgt Ion: 152 Resp: 1411936

Ion Ratio Lower Upper

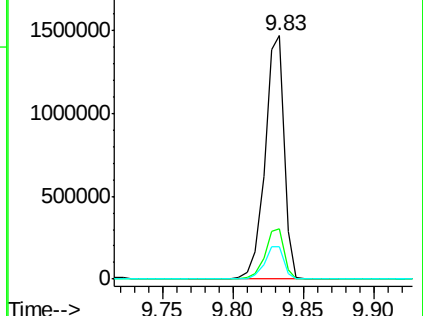
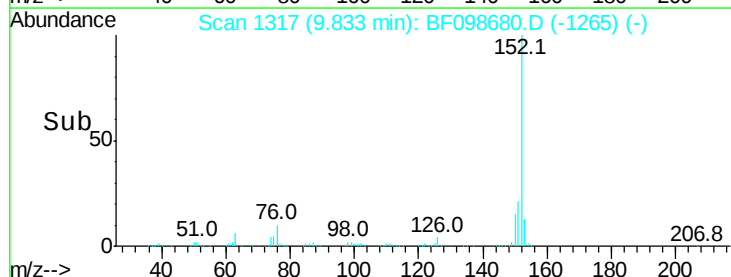
152 100

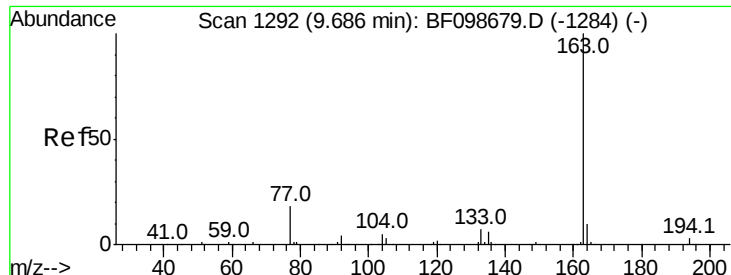
151 20.8 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

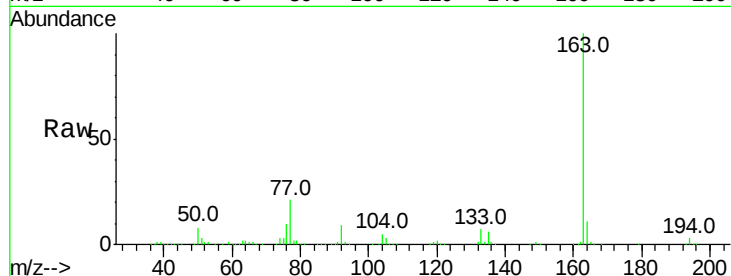




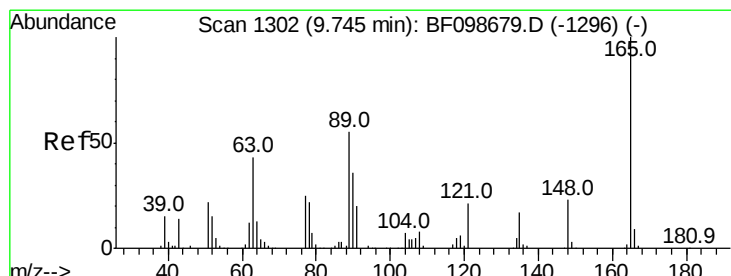
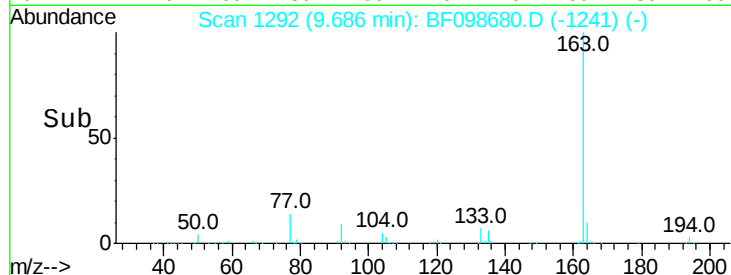
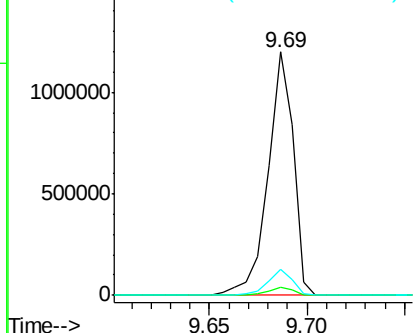
#49
Dimethylphthalate
Concen: 46.471 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1079219
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

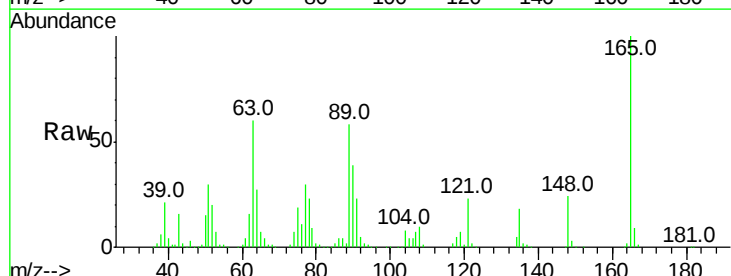


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

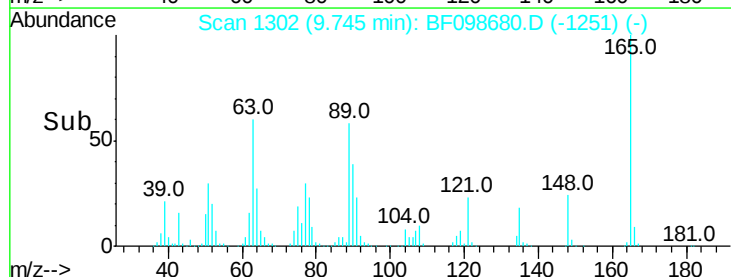
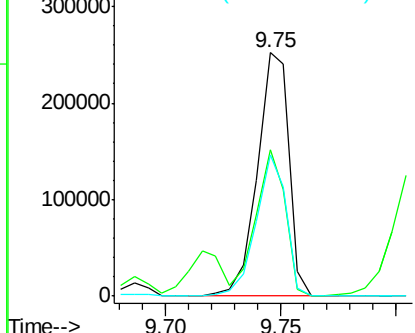


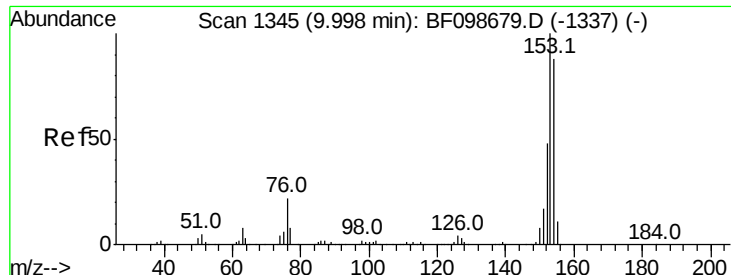
#50
2,6-Dinitrotoluene
Concen: 50.430 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:165 Resp: 240234
Ion Ratio Lower Upper
165 100
63 60.0 44.7 67.1
89 58.0 44.0 66.0



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





#51

Acenaphthene

Concen: 48.133 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampled :

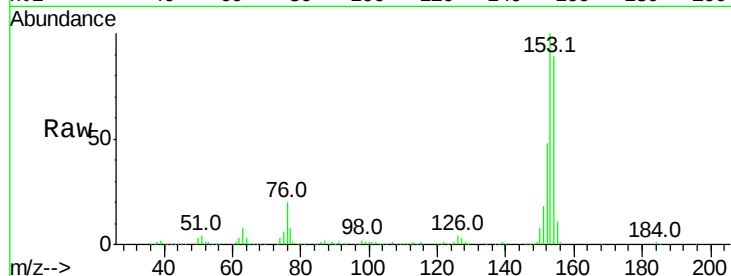
Tot Ion:154 Resp: 879895

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

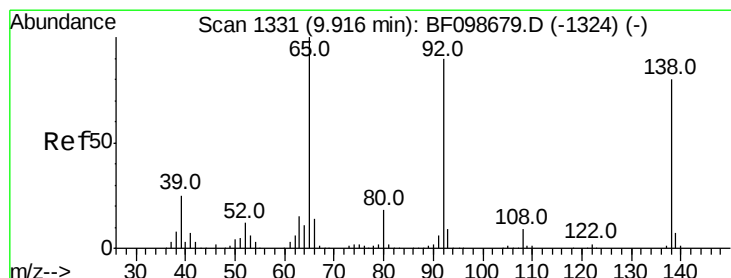
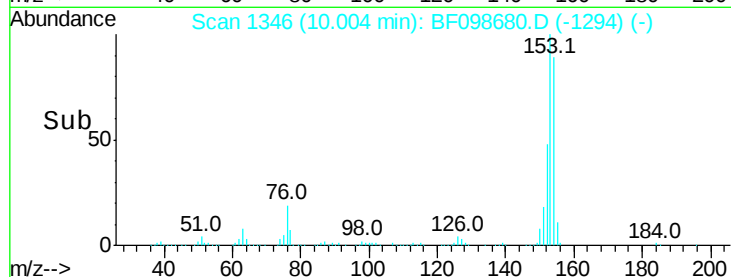
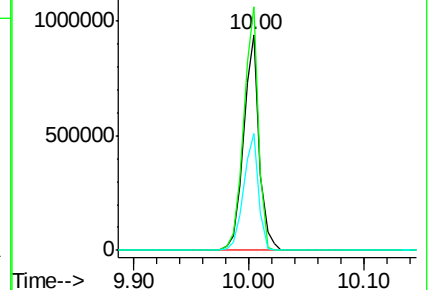
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.457 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

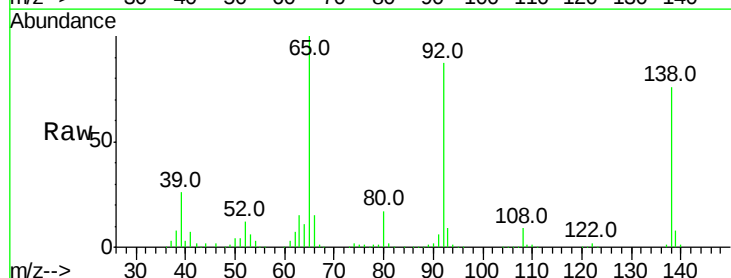
Tgt Ion:138 Resp: 283689

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.0

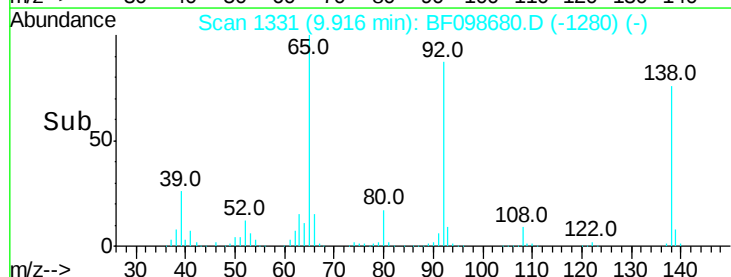
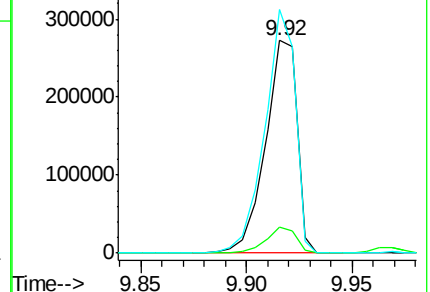
92 114.5 89.4 134.2

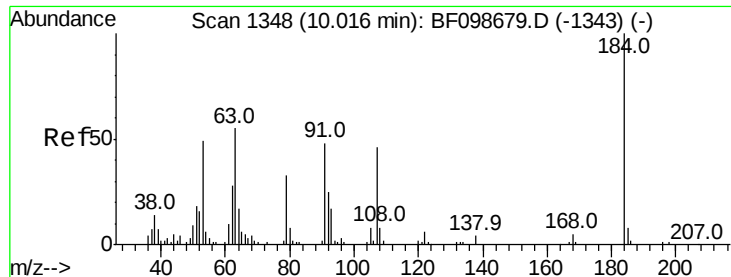


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

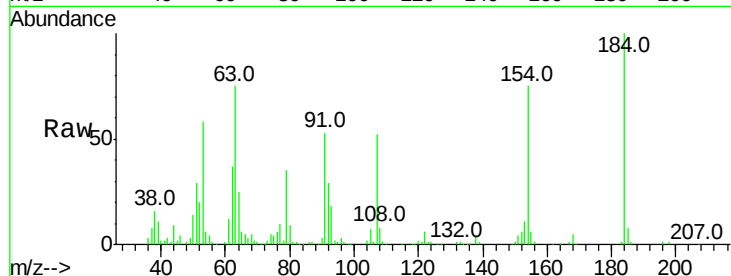




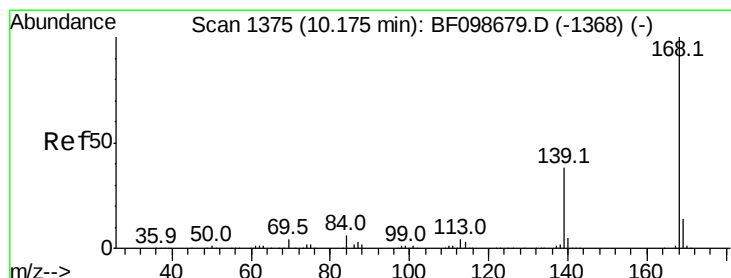
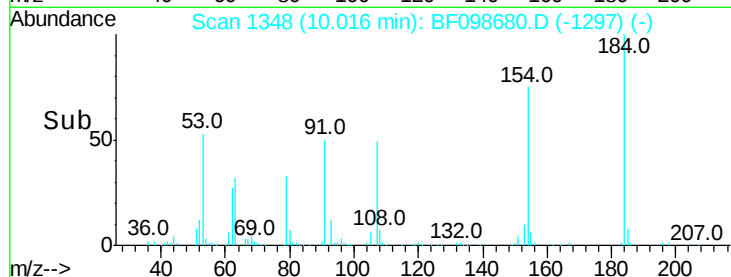
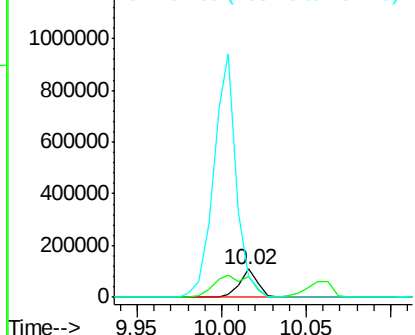
#53
2,4-Dinitrophenol
Concen: 46.107 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 79786
Ion Ratio Lower Upper
184 100
63 74.7 54.2 81.2
154 75.1 53.5 80.3

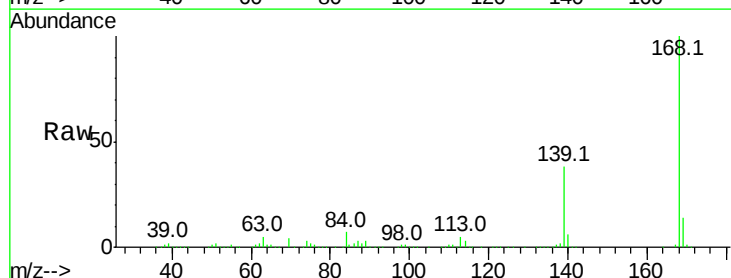


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

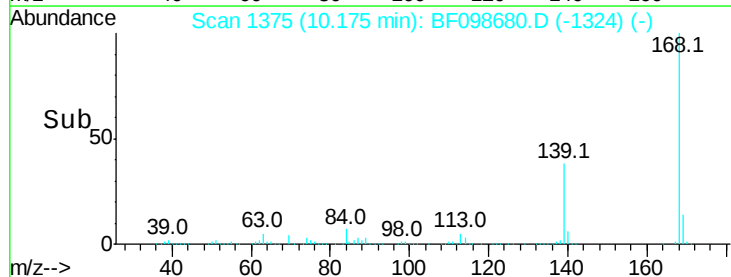
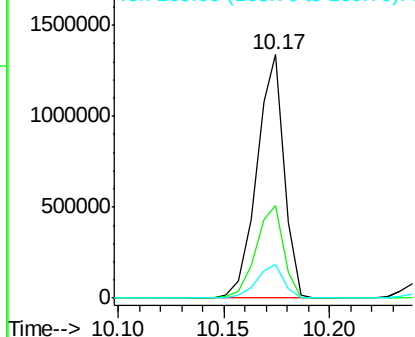


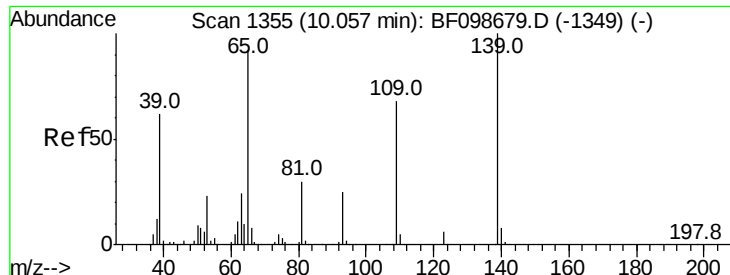
#54
Dibenzofuran
Concen: 49.534 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:168 Resp: 1199160
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.6 10.9 16.3



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

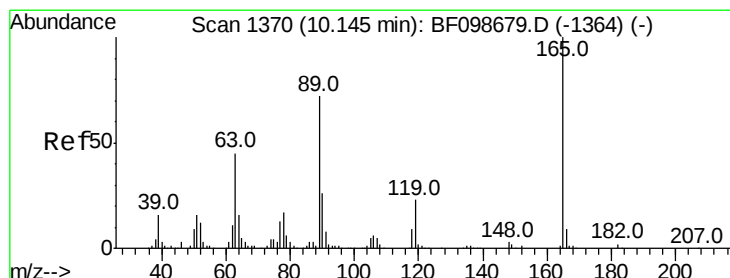
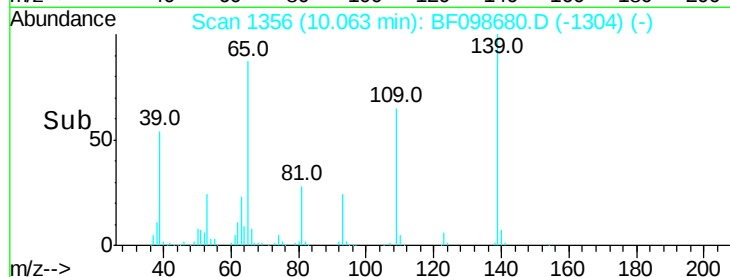
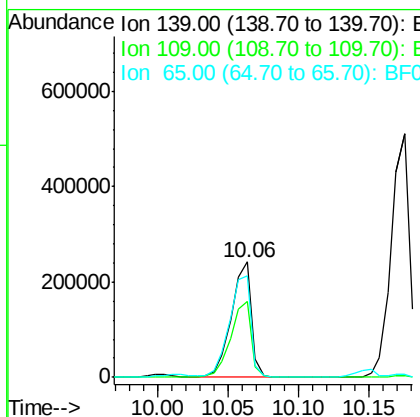
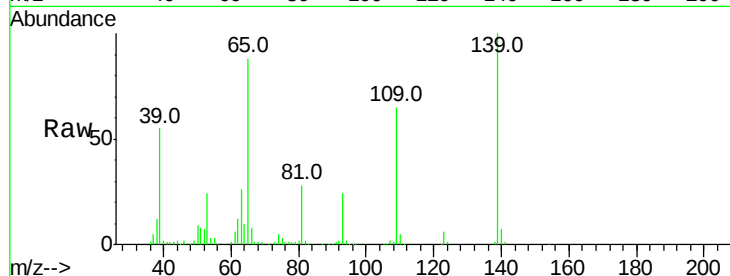




#55
4-Nitrophenol
Concen: 67.662 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

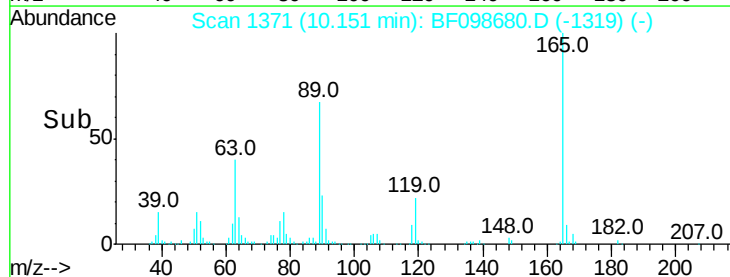
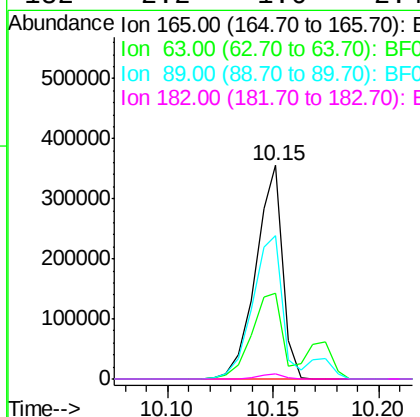
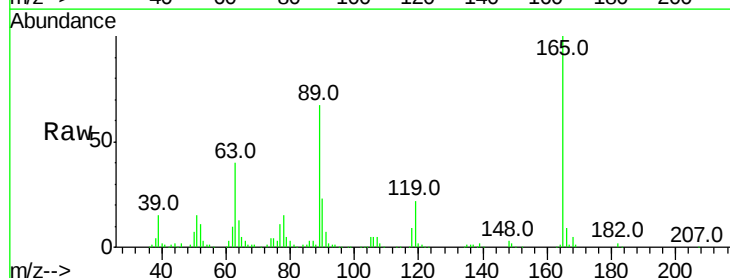
Instrument :
BNA_F
ClientSampled :

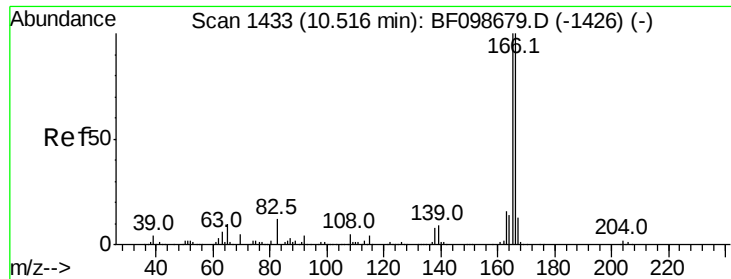
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.5	48.4	88.4
65	87.8	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 53.143 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	67.3	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 47.378 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

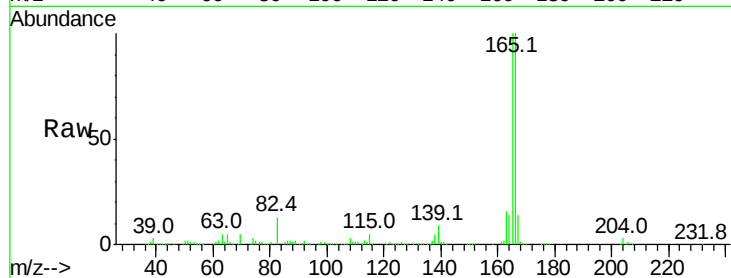
Tot Ion:166 Resp: 945550

Ion Ratio Lower Upper

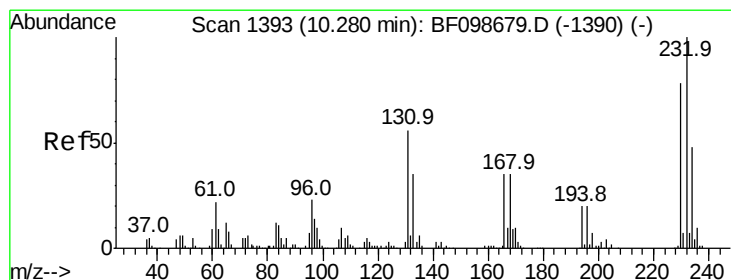
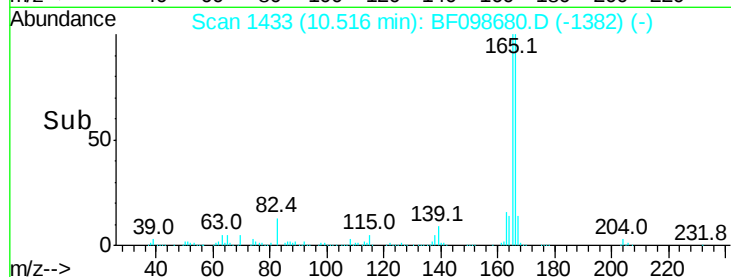
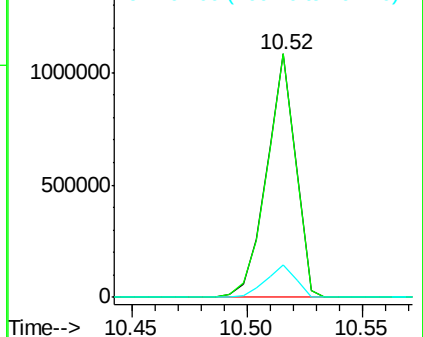
166 100

165 100.2 79.8 119.8

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.884 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Tgt Ion:232 Resp: 223914

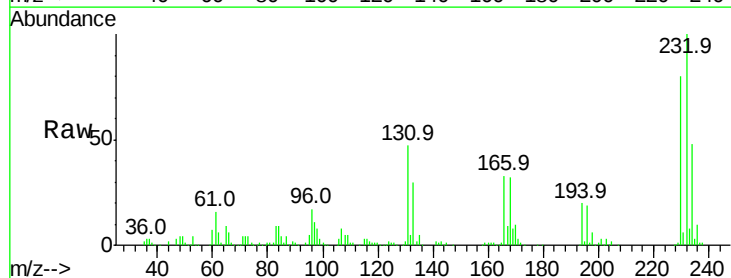
Ion Ratio Lower Upper

232 100

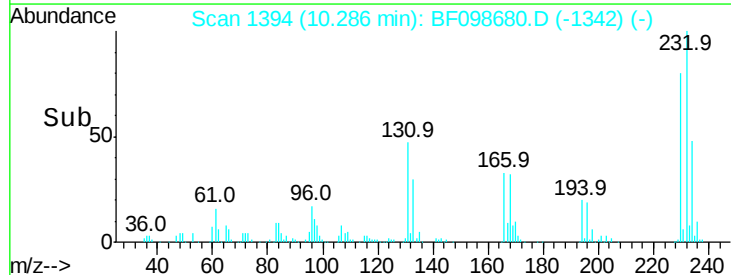
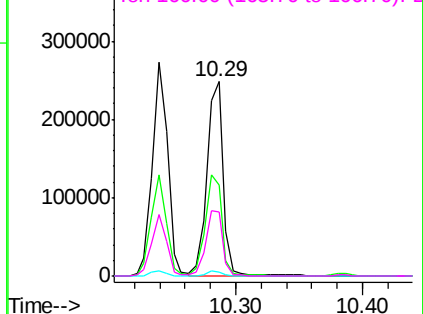
131 52.6 43.8 65.8

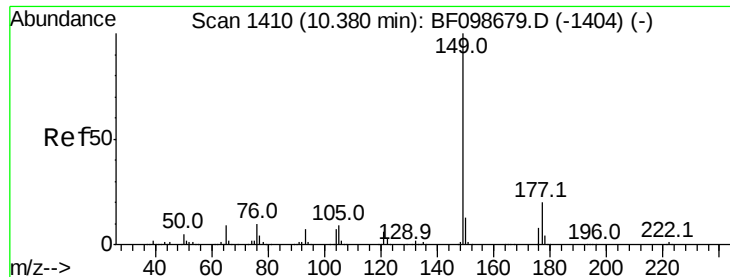
130 2.5 2.1 3.1

166 34.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

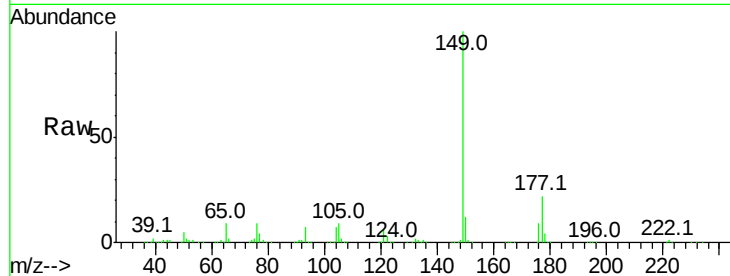




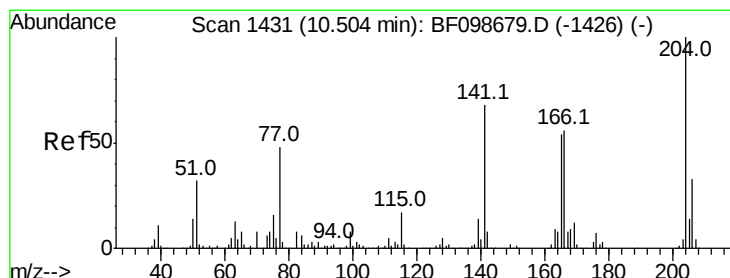
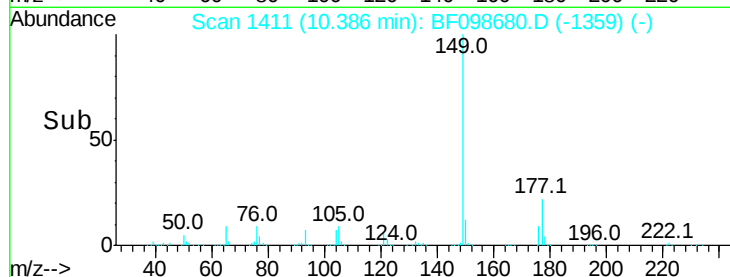
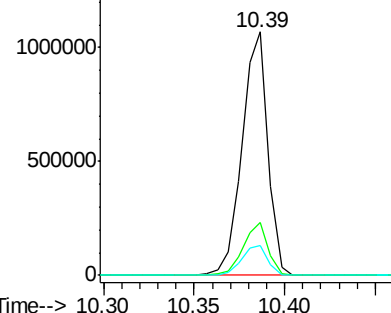
#59
Diethylphthalate
Concen: 47.226 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1049209
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.4 10.1 15.1

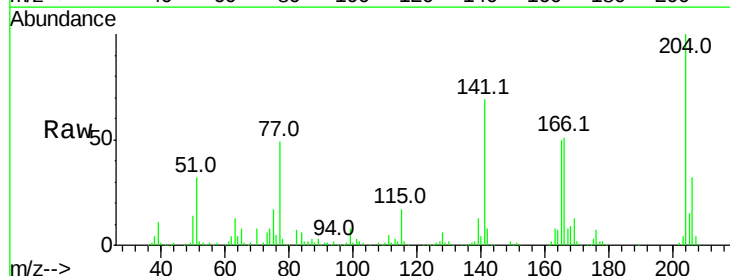


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

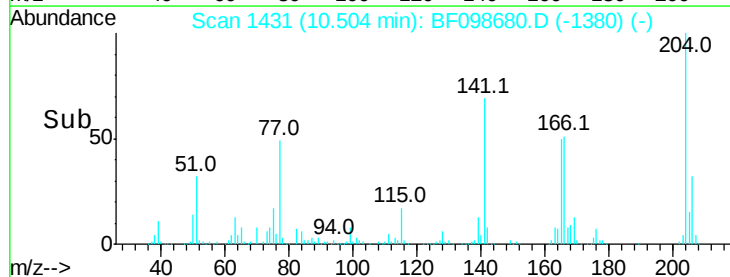
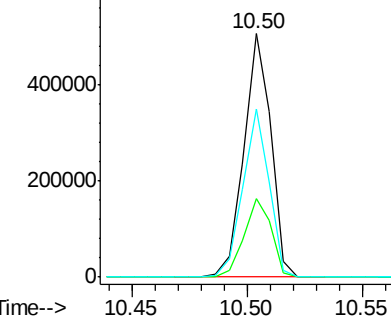


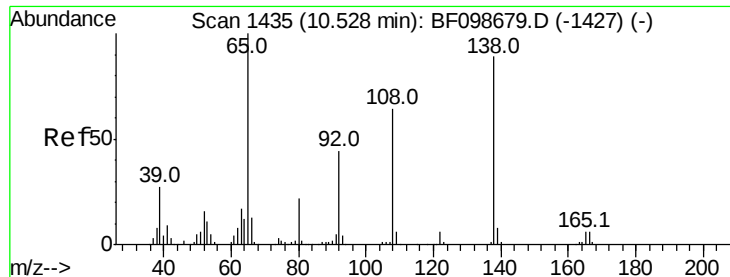
#60
4-Chlorophenyl-phenylether
Concen: 45.135 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:204 Resp: 412916
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 68.9 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

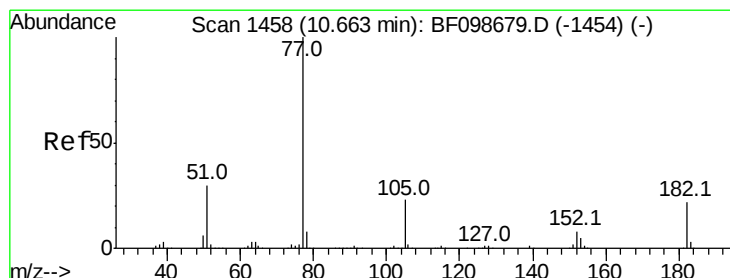
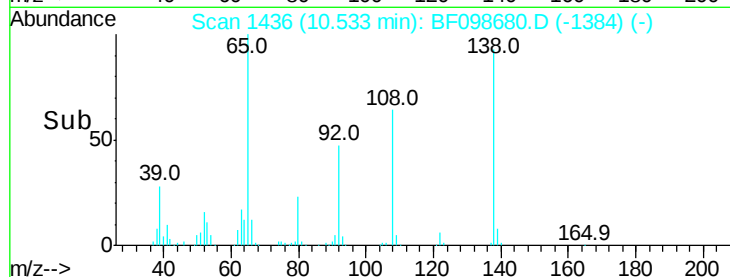
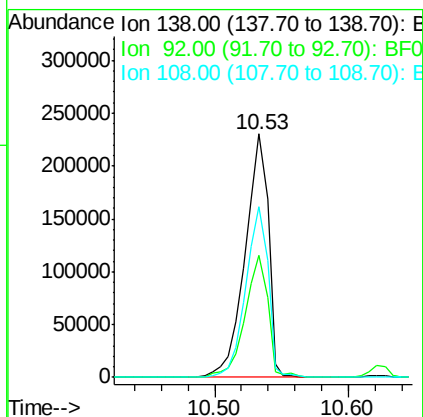
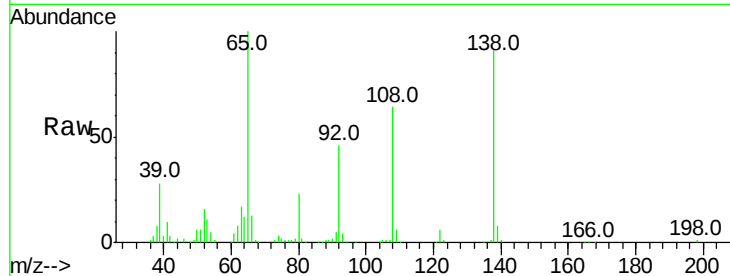




#61
4-Nitroaniline
Concen: 47.377 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

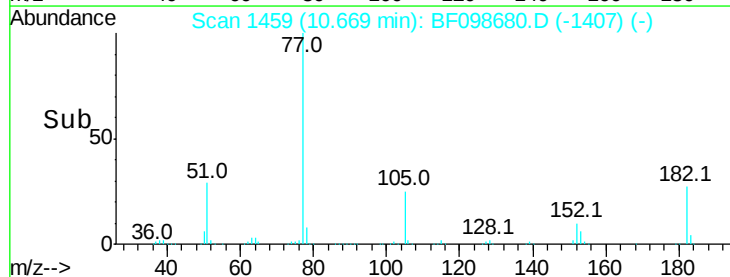
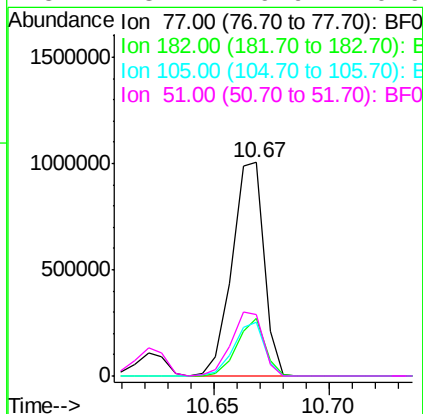
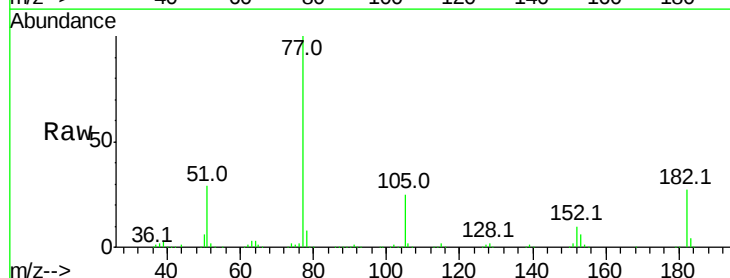
Instrument :
BNA_F
ClientSampleId :

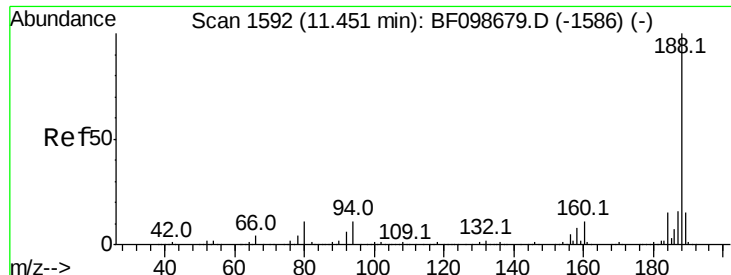
Tot Ion:138 Resp: 273694
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 70.3 52.5 92.5



#62
Azobenzene
Concen: 41.430 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion: 77 Resp: 971727
Ion Ratio Lower Upper
77 100
182 26.8 1.7 41.7
105 25.2 3.0 43.0
51 28.7 9.9 49.9

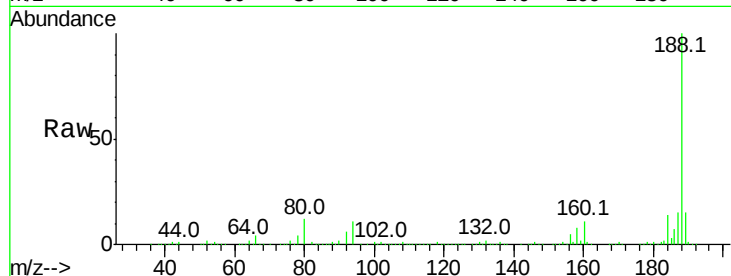




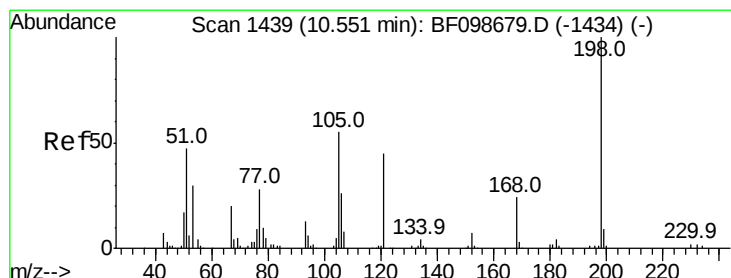
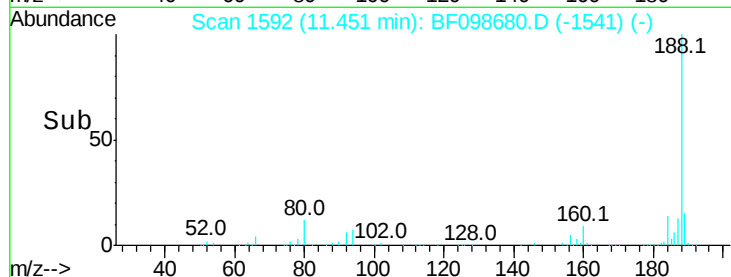
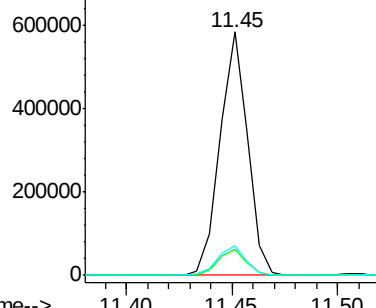
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.2	9.2	13.8

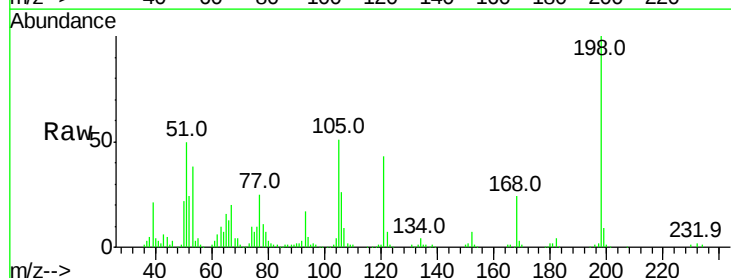


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

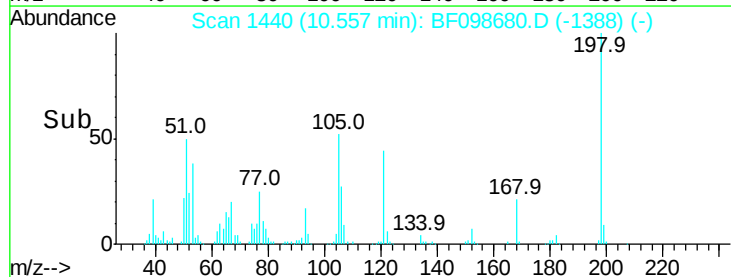
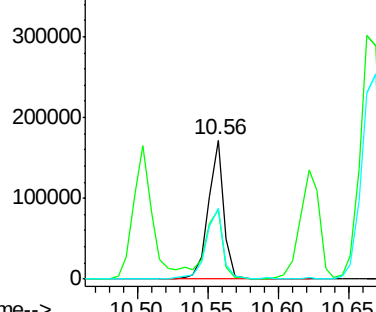


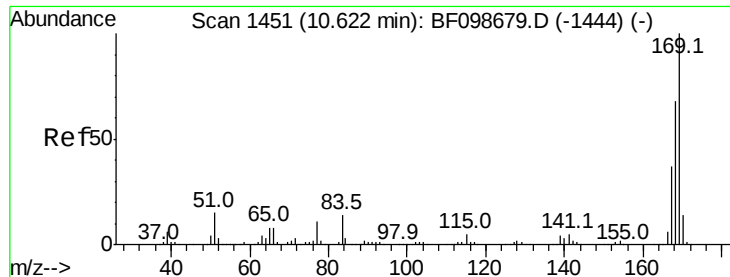
#64
4,6-Dinitro-2-methylphenol
Concen: 44.620 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.2	37.7	77.7
105	51.4	36.3	76.3



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

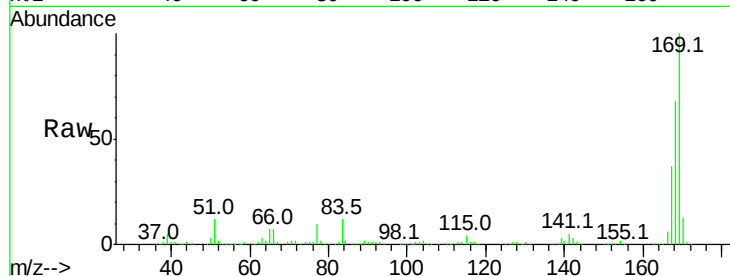




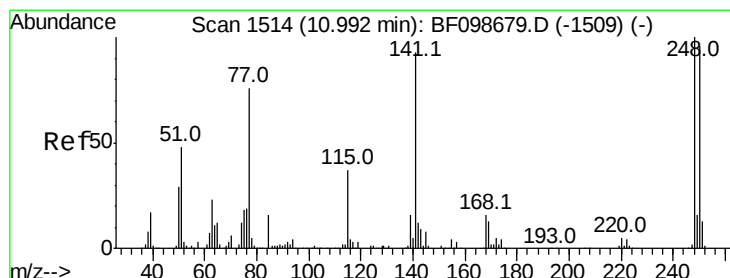
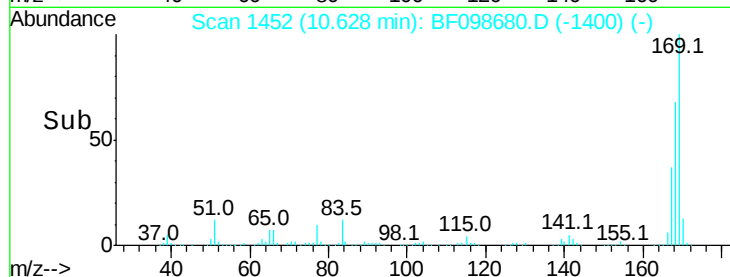
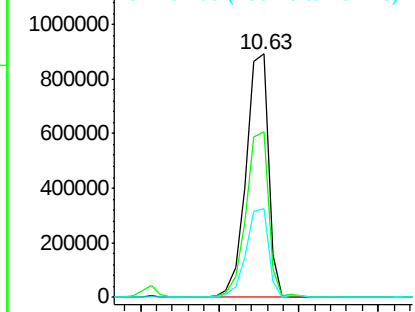
#65
 n-Nitrosodiphenylamine
 Concen: 50.047 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.5	29.8	44.6

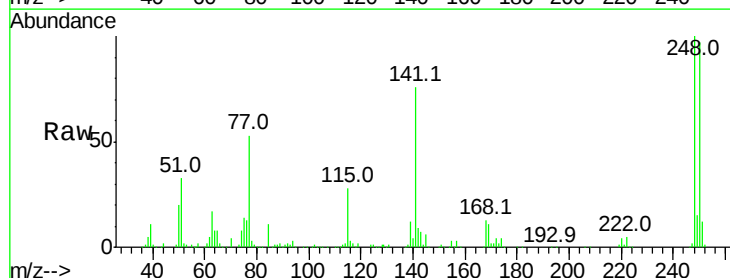


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

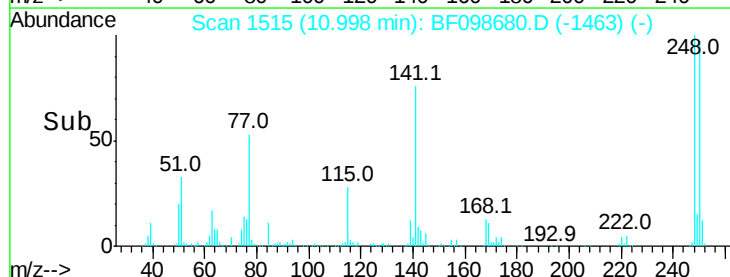
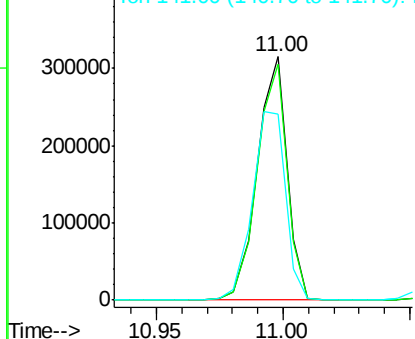


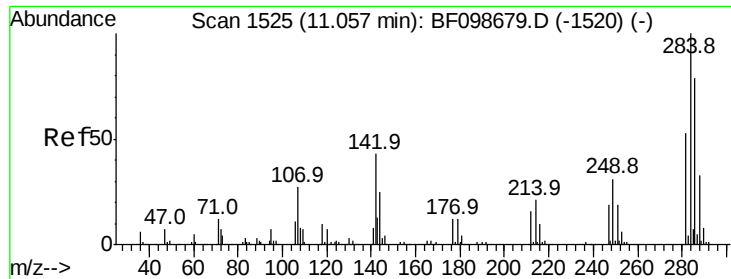
#66
 4-Bromophenyl-phenylether
 Concen: 51.058 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	76.4	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

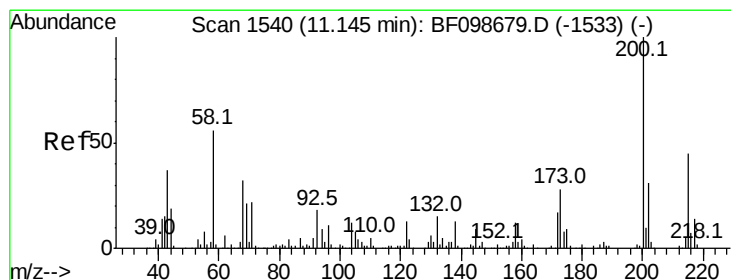
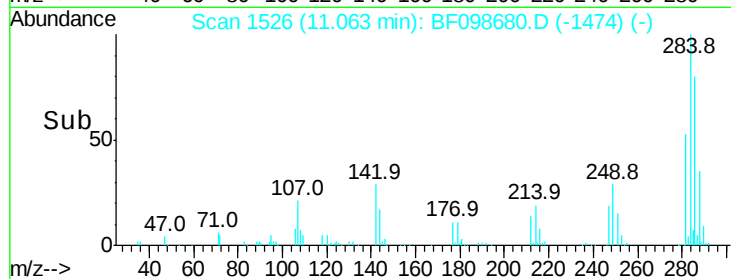
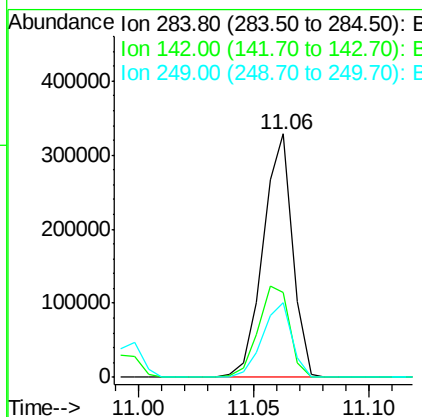
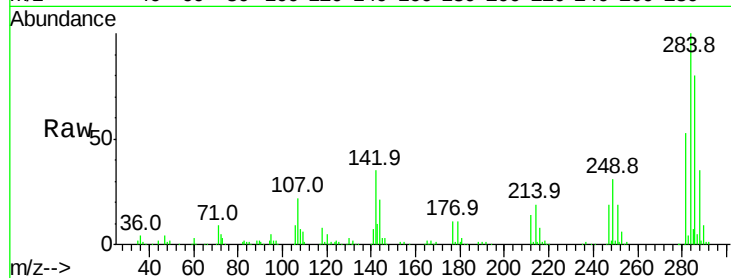




#67
Hexachlorobenzene
Concen: 55.509 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

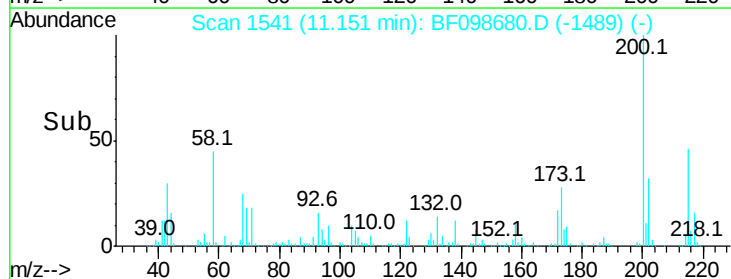
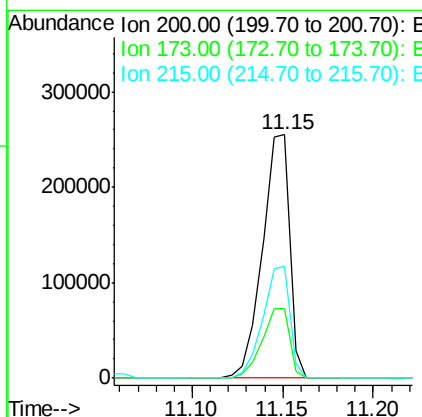
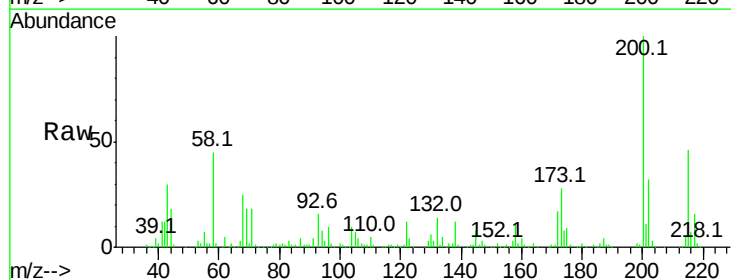
Instrument :
BNA_F
ClientSampleId :

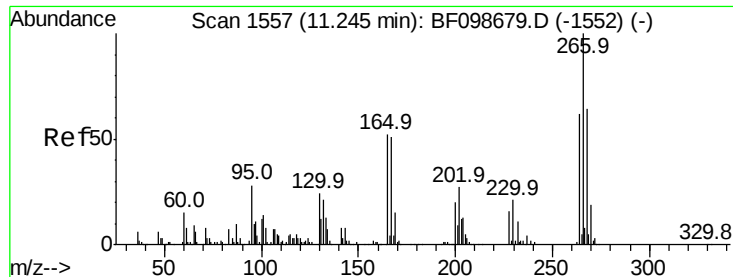
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	34.6	52.0
249	30.8	24.8	37.2



#68
Atrazine
Concen: 49.978 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	46.0	25.1	65.1





#69

Pentachlorophenol

Concen: 87.128 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

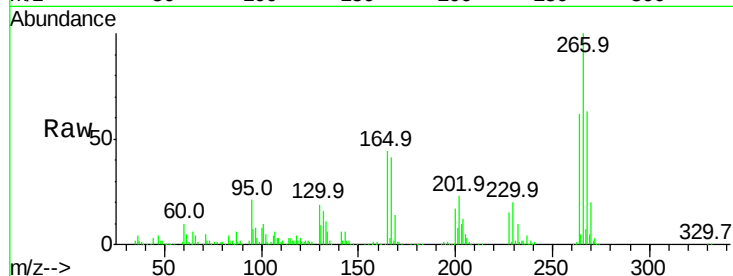
Tot Ion:266 Resp: 190351

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

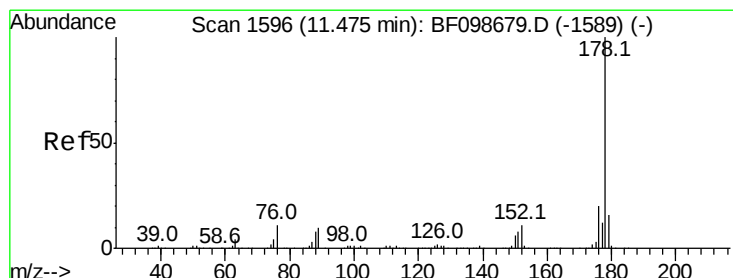
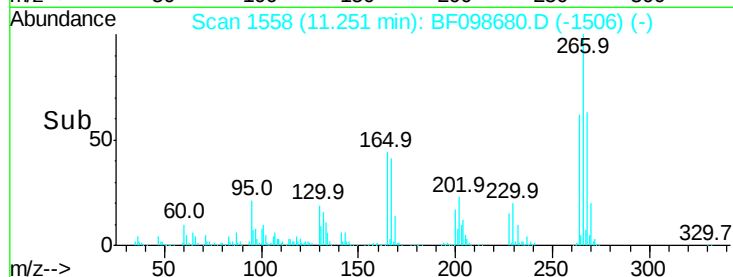
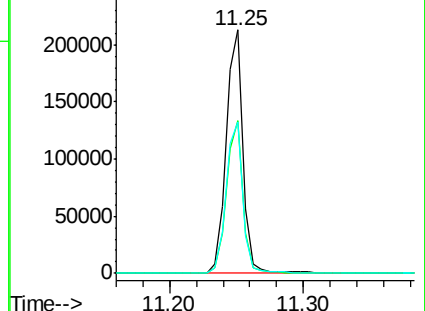
264 62.3 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 47.706 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

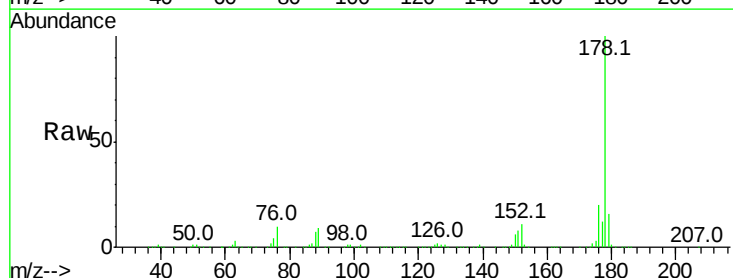
Tgt Ion:178 Resp: 1349988

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

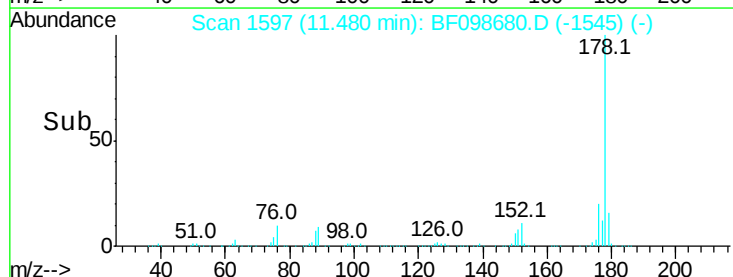
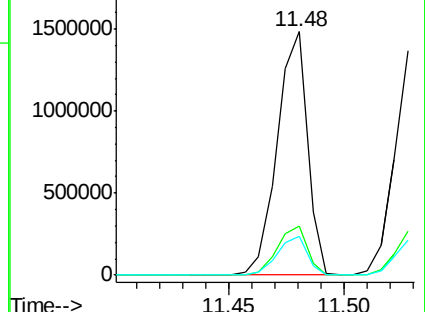
179 15.8 13.0 19.6

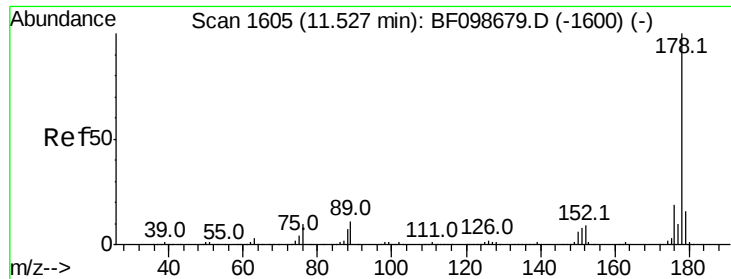


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

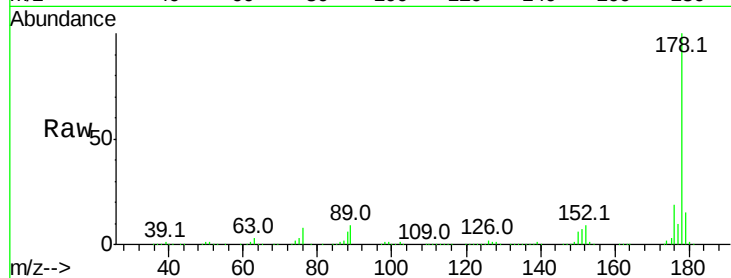




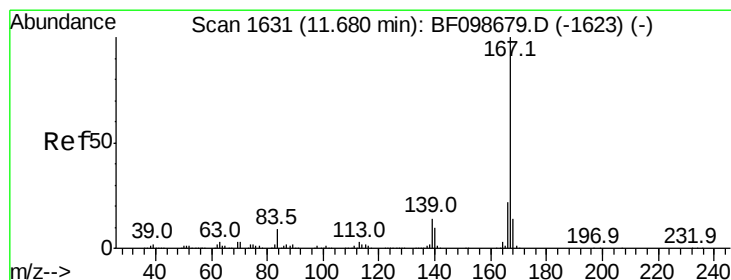
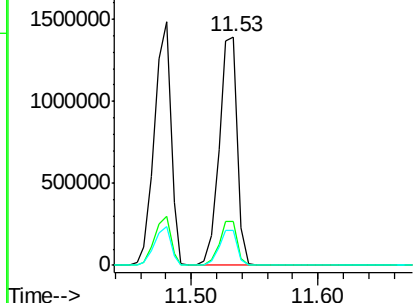
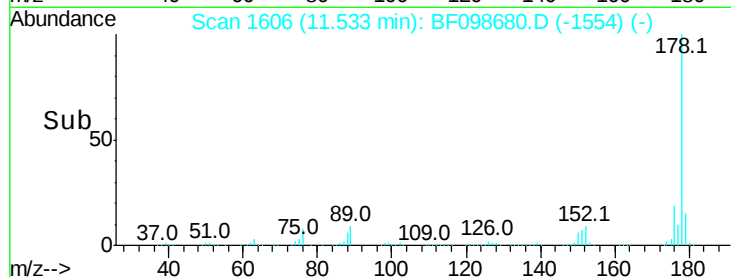
#71
 Anthracene
 Concen: 47.993 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1388131
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0

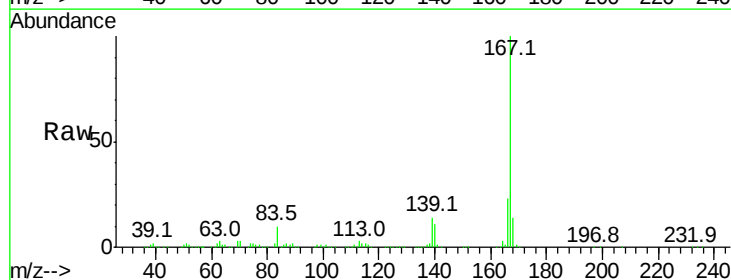


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

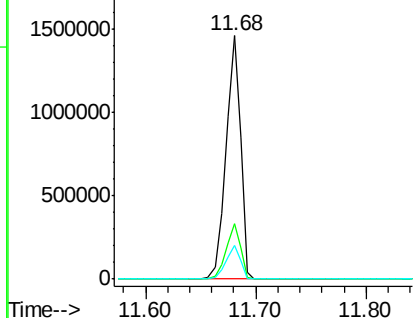
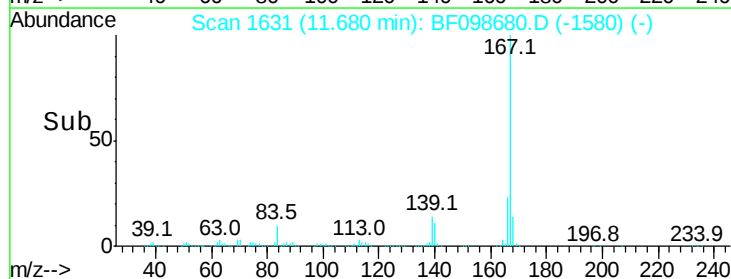


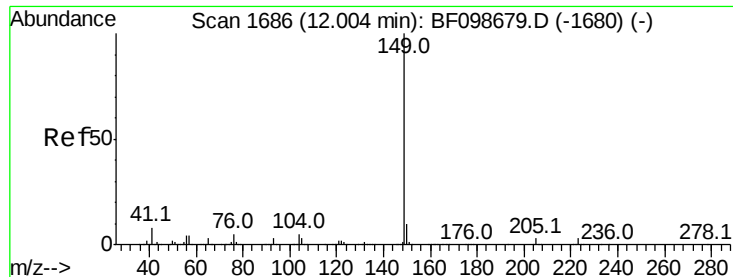
#72
 Carbazole
 Concen: 49.532 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion:167 Resp: 1349317
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

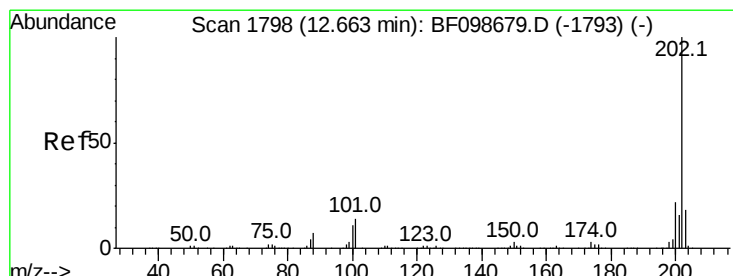
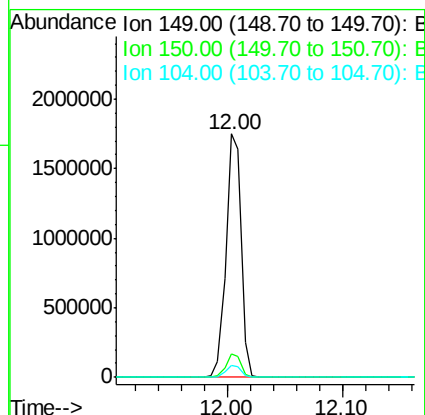
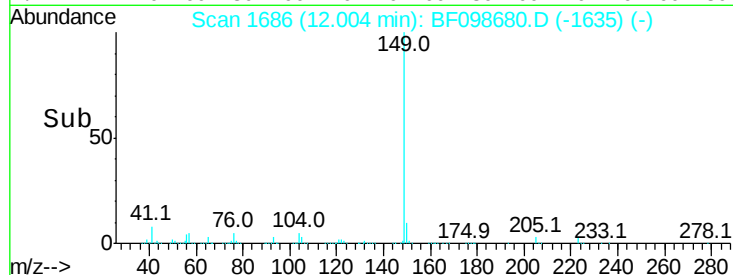
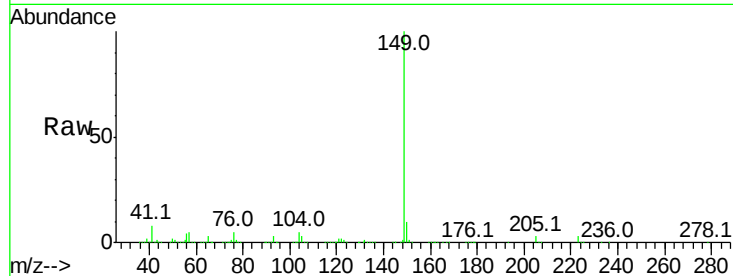




#73
Di-n-butylphthalate
Concen: 49.034 ng
RT: 12.00 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

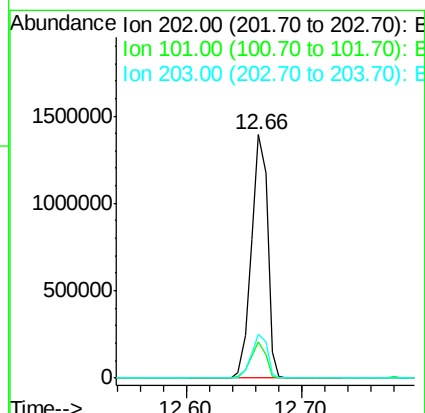
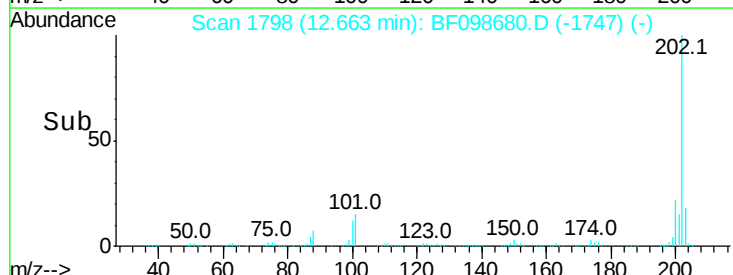
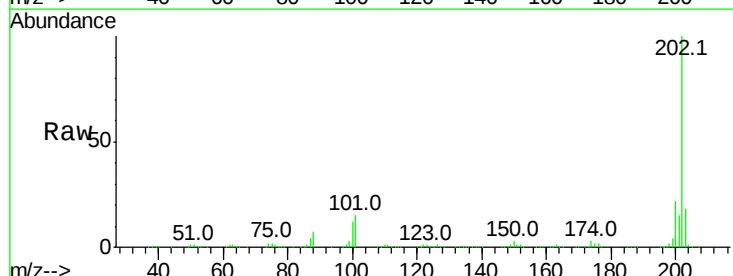
Instrument :
BNA_F
ClientSampleId :

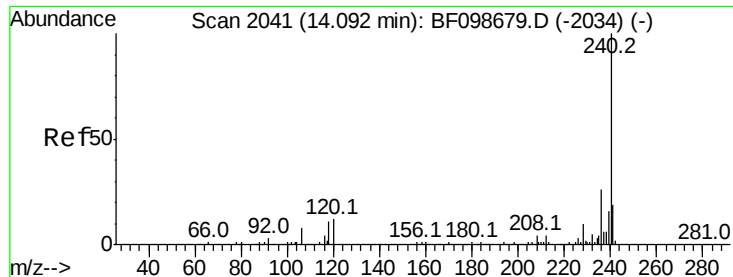
Tot Ion:149 Resp: 1588855
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 47.830 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:202 Resp: 1349539
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

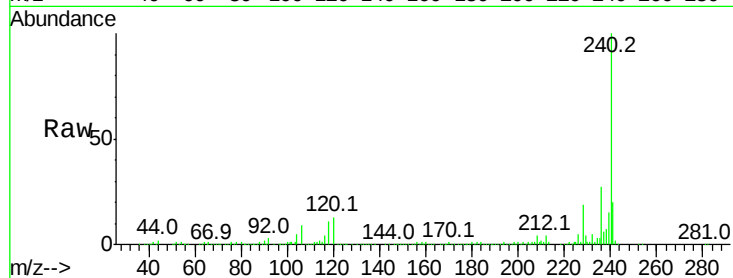
Tot Ion:240 Resp: 381463

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

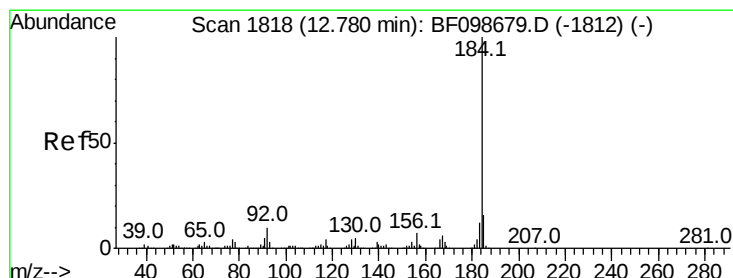
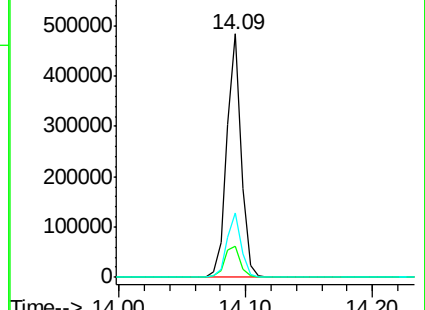
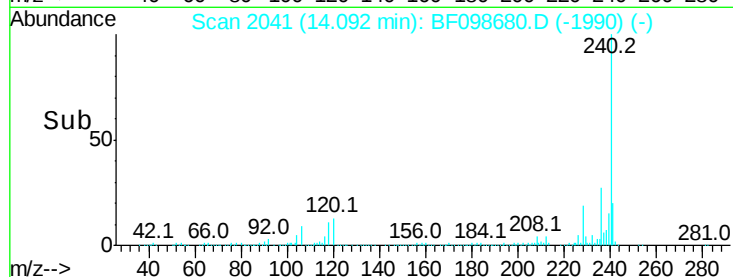
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.085 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

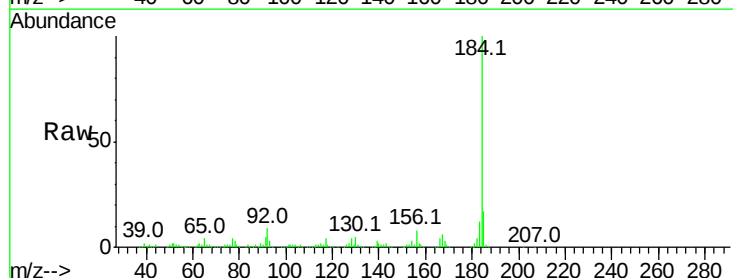
Tgt Ion:184 Resp: 735399

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

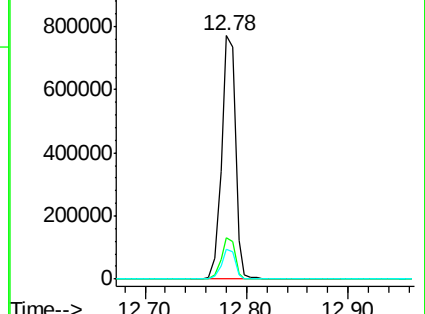
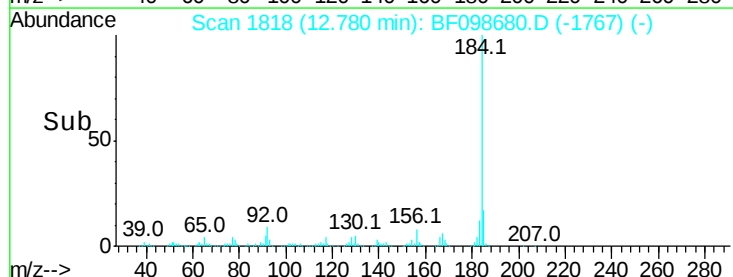
183 12.0 9.3 13.9

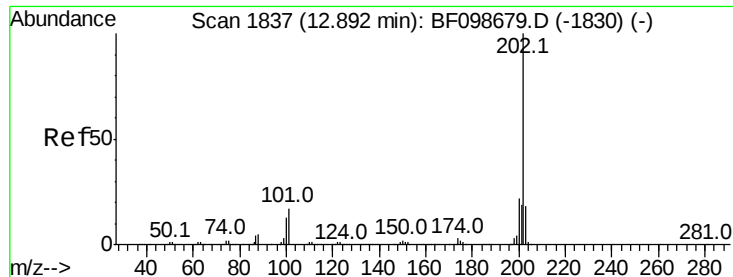


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.599 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

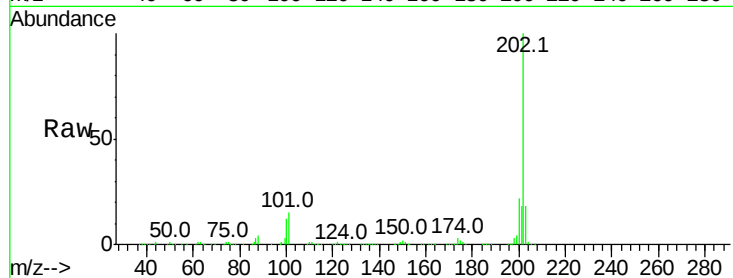
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1396103

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.0	14.3	21.5

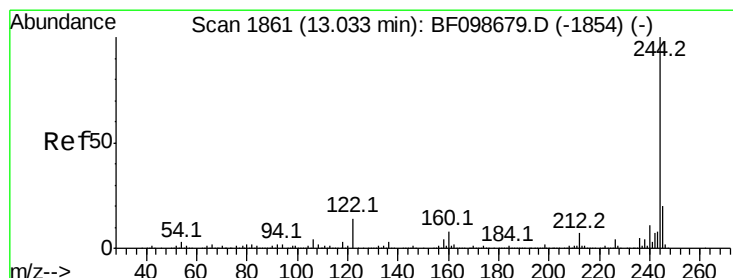
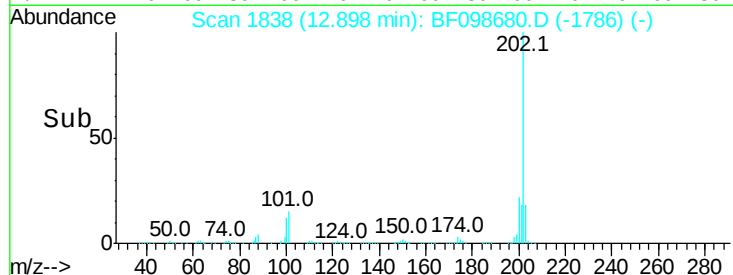
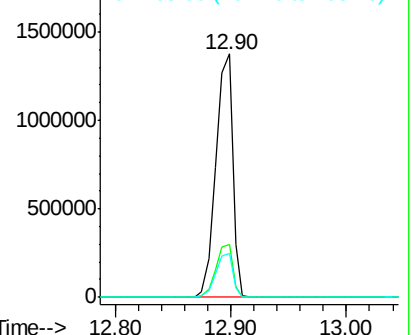


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.970 ng

RT: 13.03 min Scan# 1861

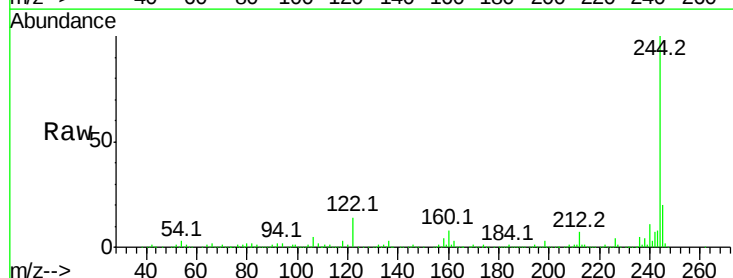
Delta R.T. 0.00 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Tgt Ion:244 Resp: 1688787

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4

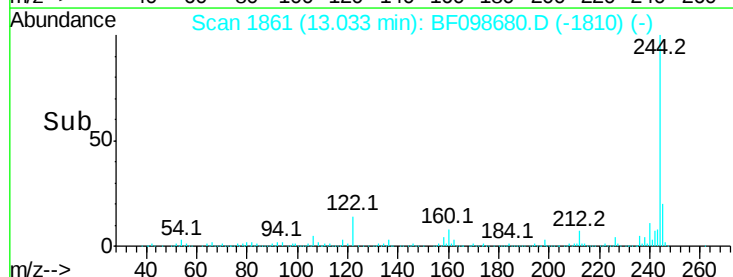
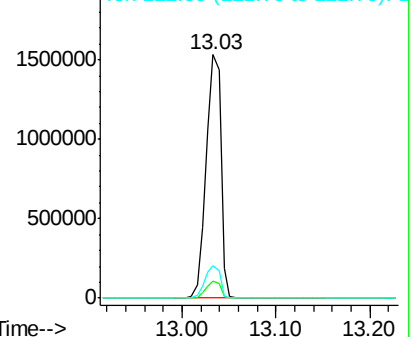


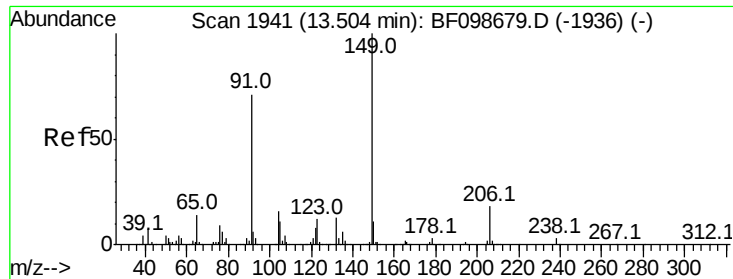
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

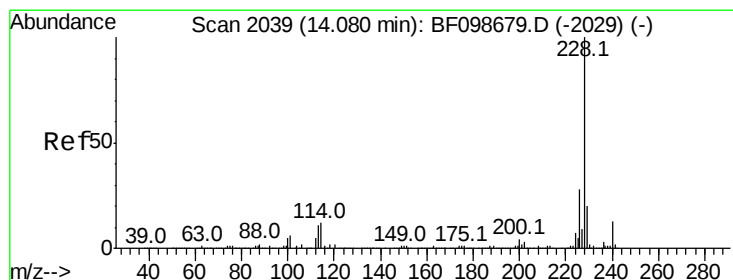
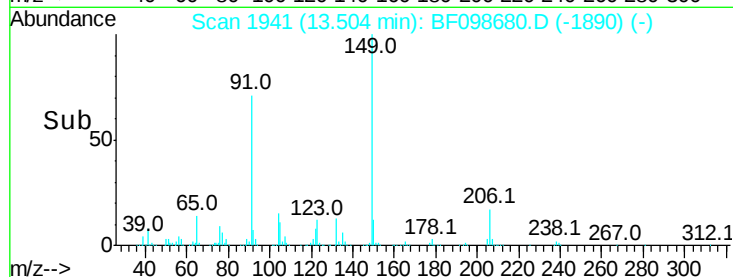
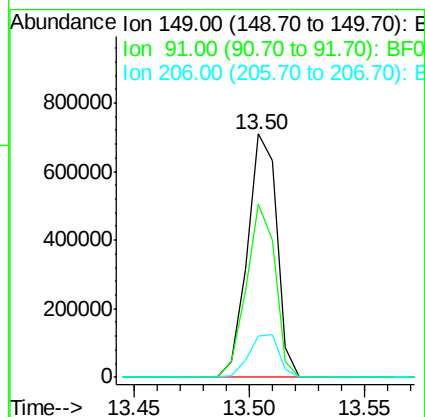
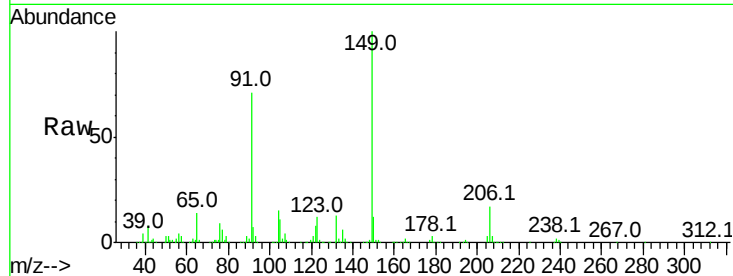




#79
Butylbenzylphthalate
Concen: 49.182 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

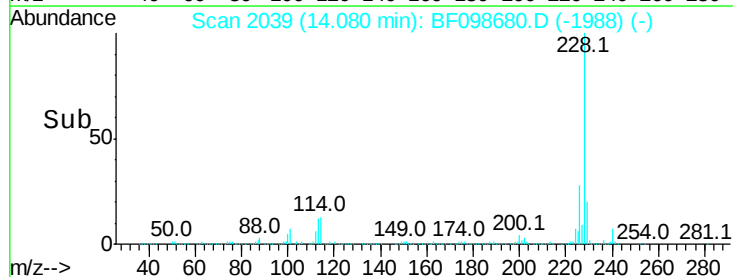
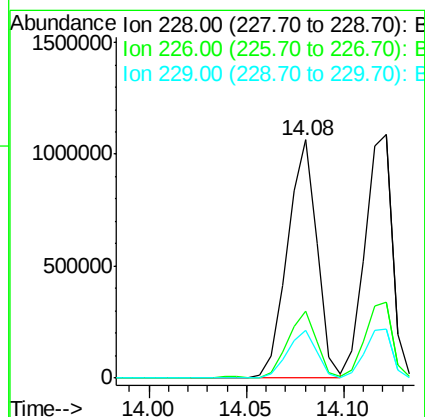
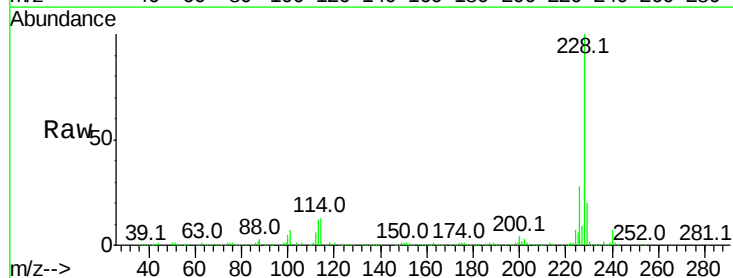
Instrument :
BNA_F
ClientSampleId :

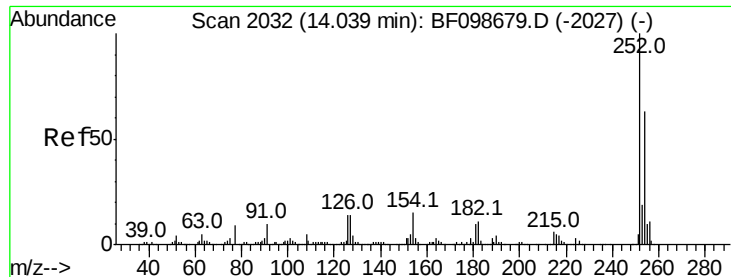
Tot Ion:149 Resp: 634162
Ion Ratio Lower Upper
149 100
91 71.1 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 49.224 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion:228 Resp: 1108896
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6

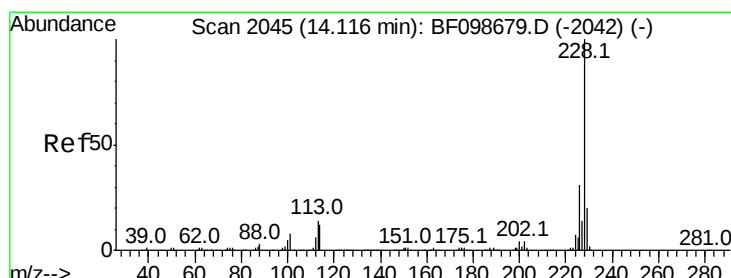
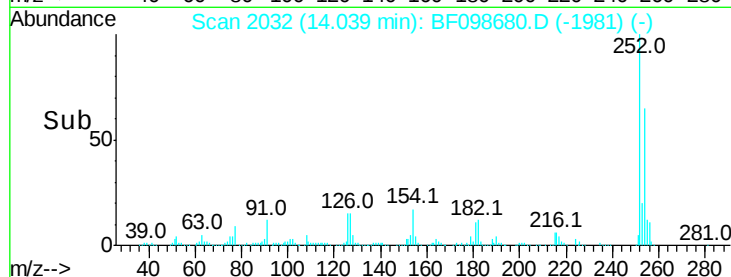
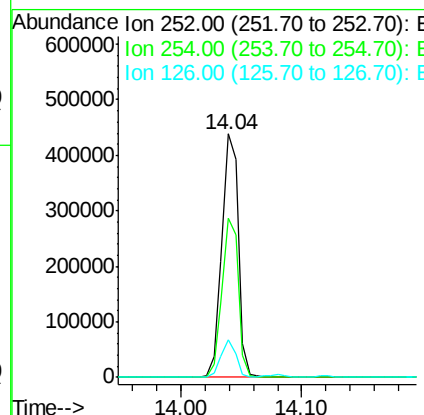
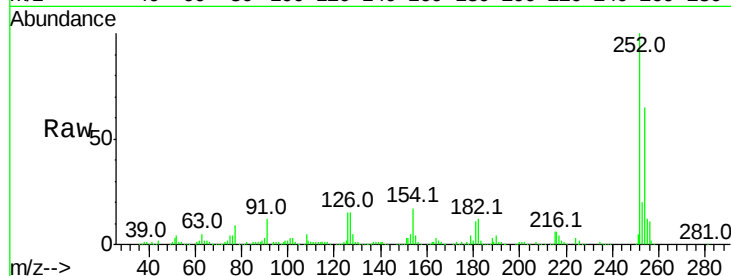




#81
 3,3'-Dichlorobenzidine
 Concen: 47.268 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

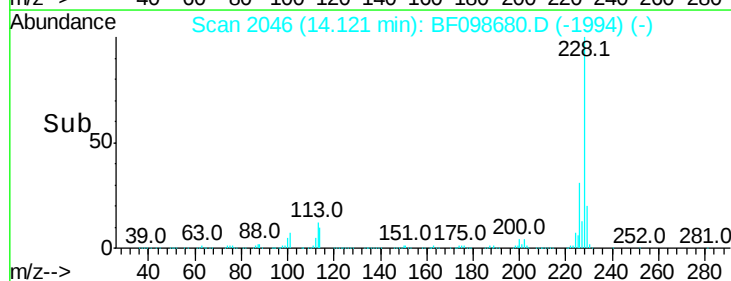
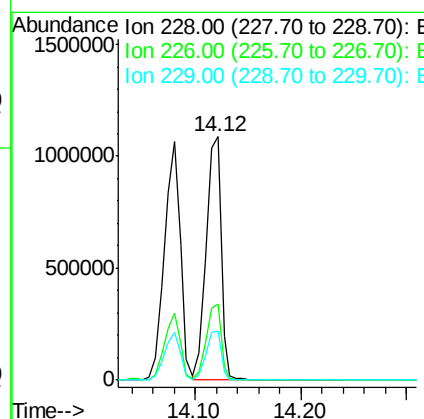
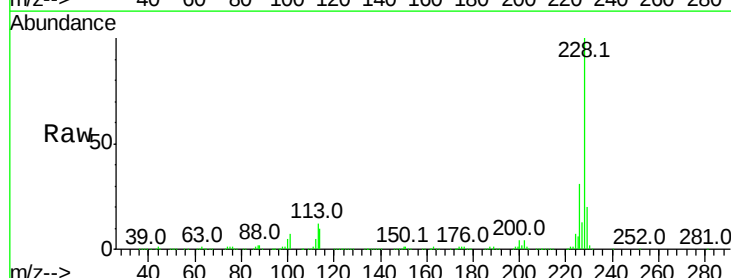
Instrument :
 BNA_F
 ClientSampled :

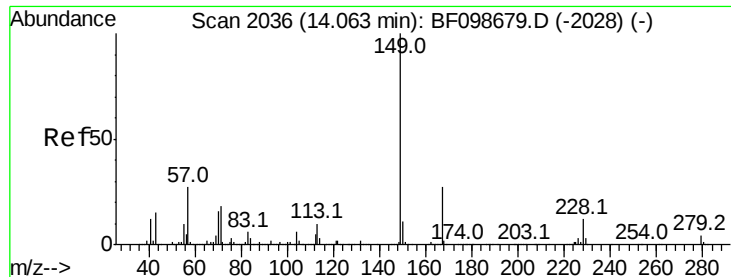
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	15.3	11.3	16.9



#82
 Chrysene
 Concen: 47.132 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4

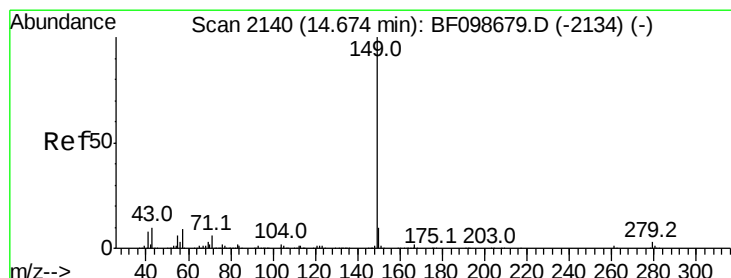
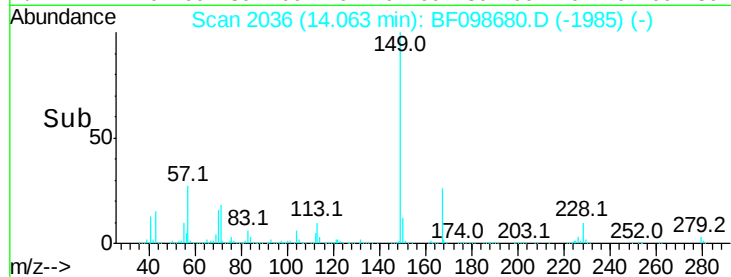
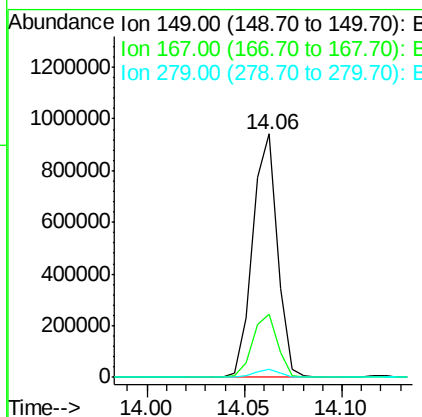
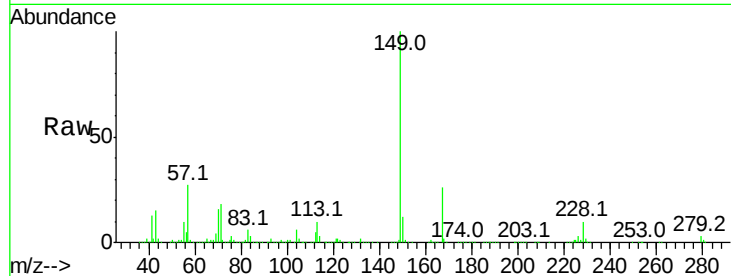




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.660 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

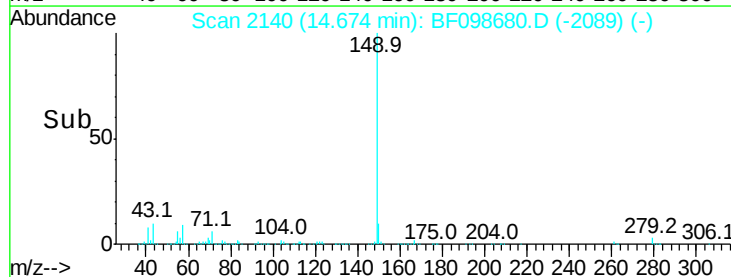
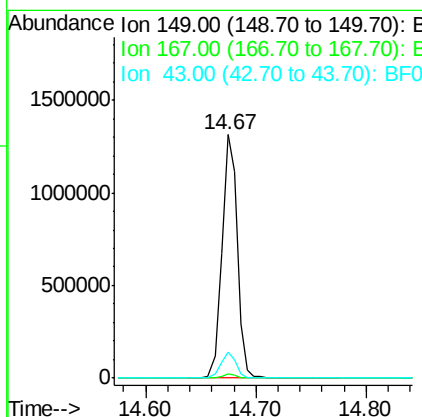
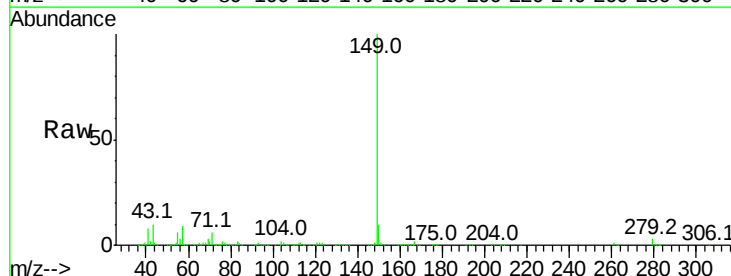
Instrument :
 BNA_F
 ClientSampleId :

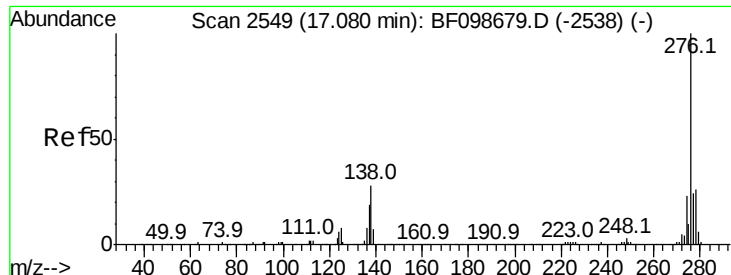
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 46.226 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.4	12.6

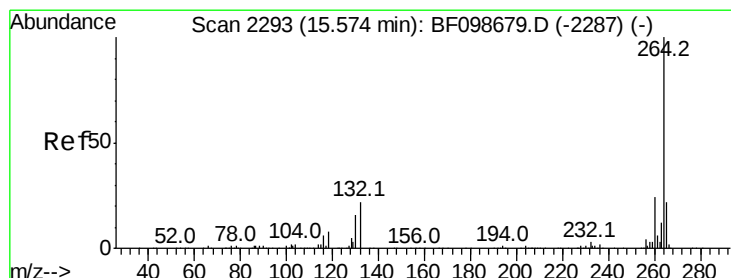
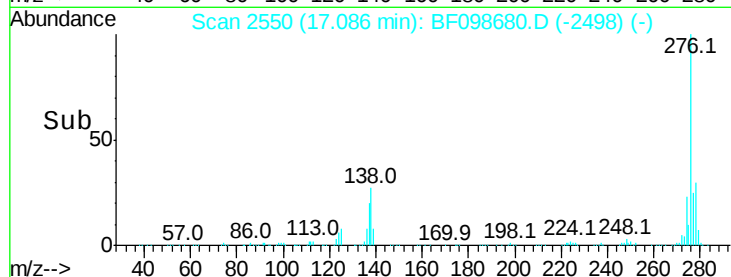
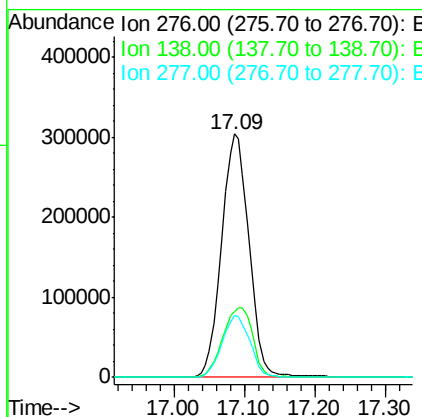
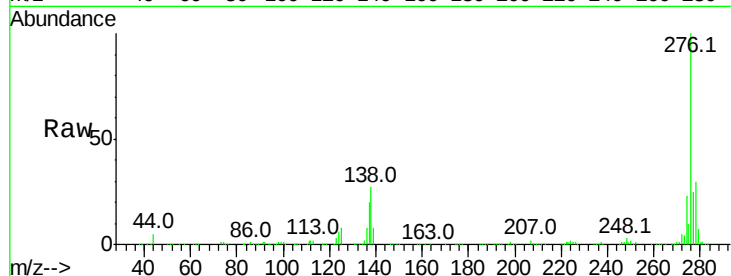




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.298 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.01 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

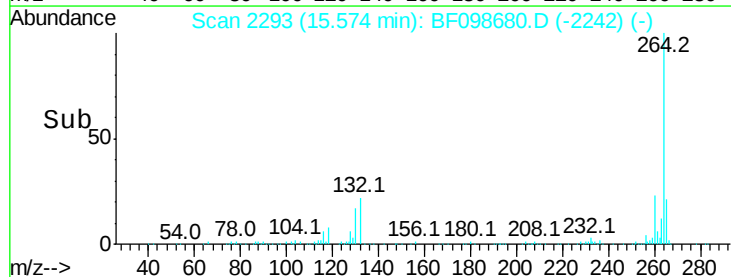
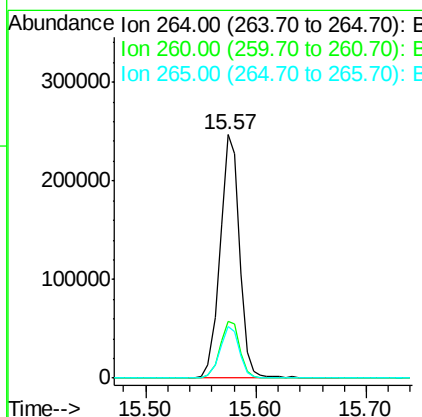
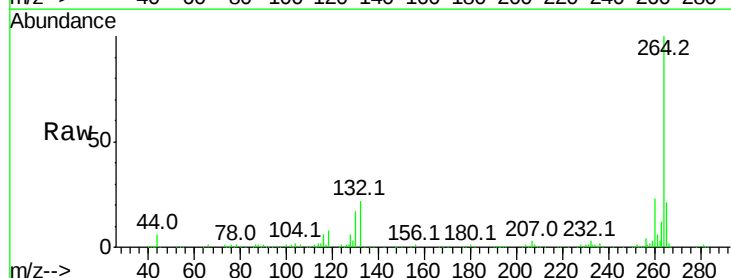
Instrument :
 BNA_F
 ClientSampleId :

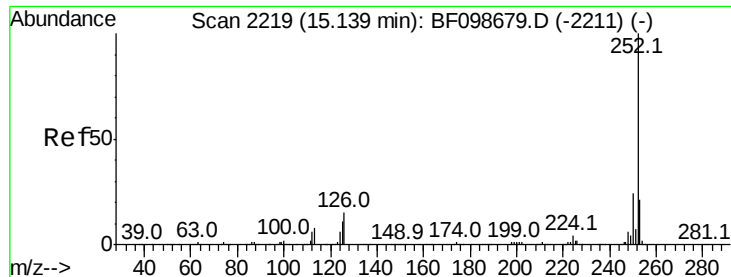
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.0	37.6
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098680.D
 Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.281 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

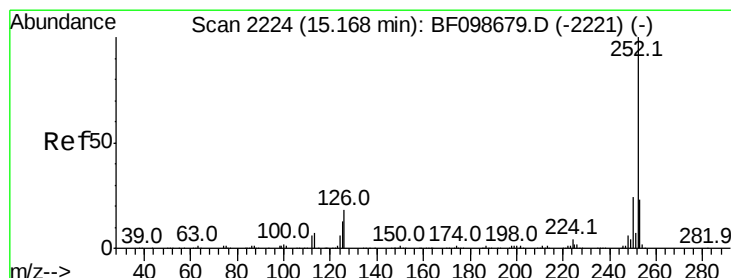
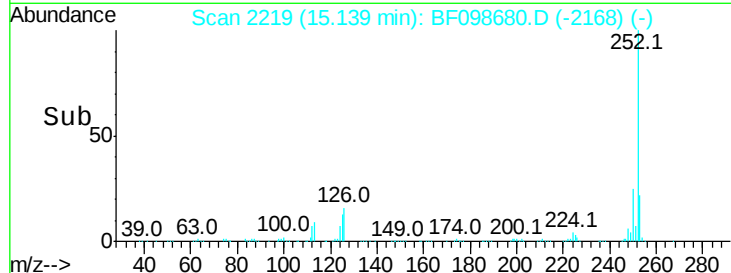
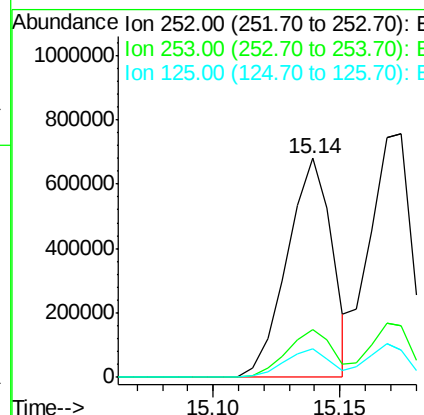
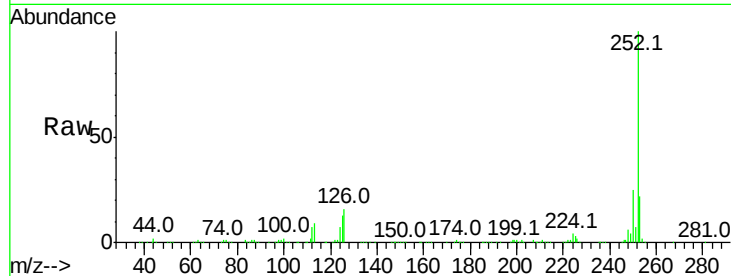
Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 841285

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 49.944 ng

RT: 15.17 min Scan# 2225

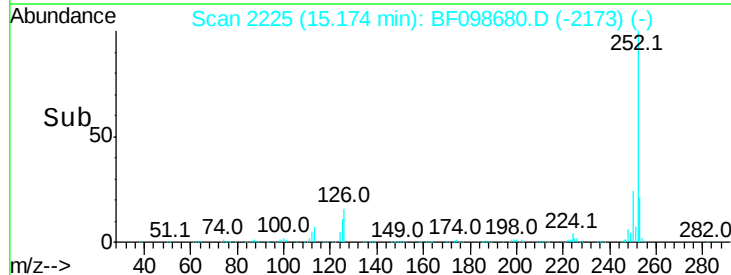
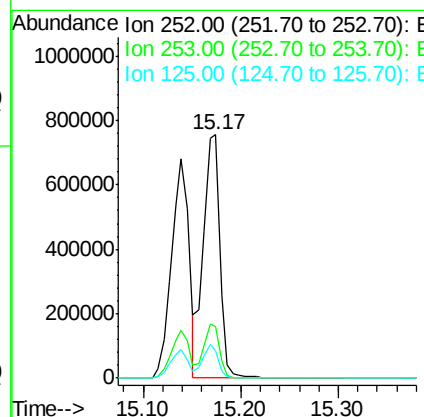
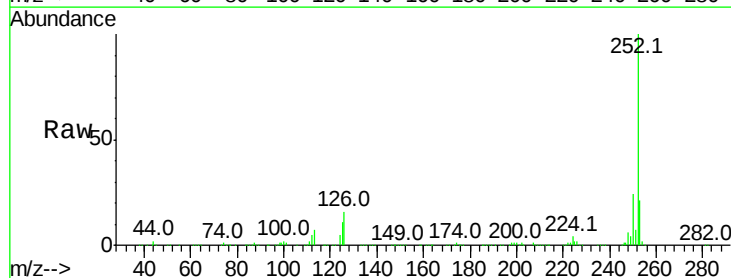
Delta R.T. 0.01 min

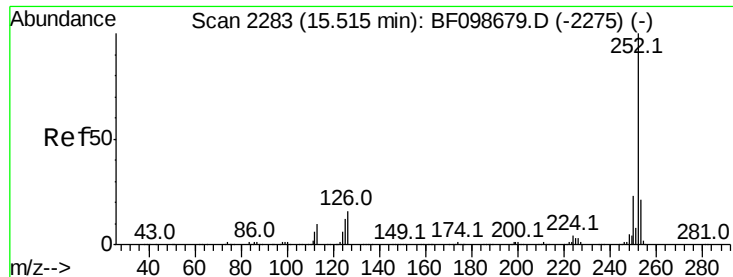
Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Tgt Ion:252 Resp: 885215

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	11.1	10.2	15.2

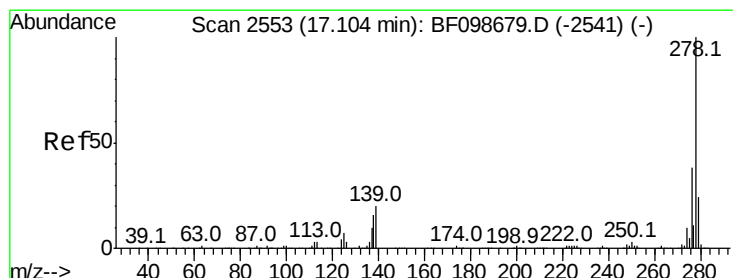
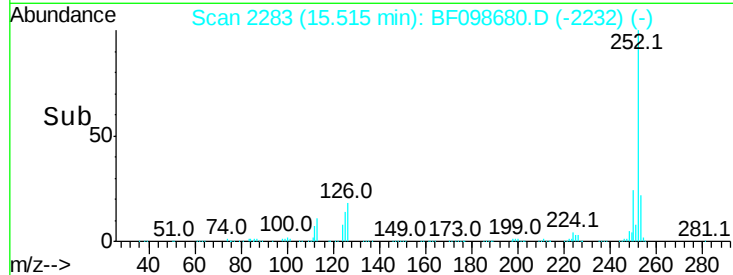
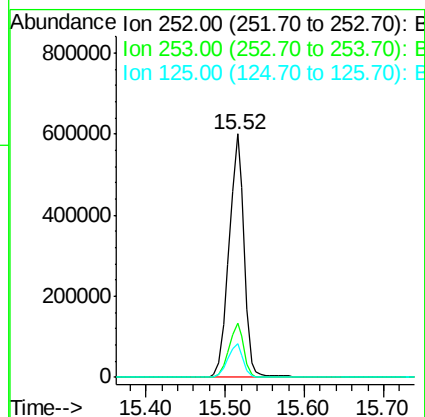
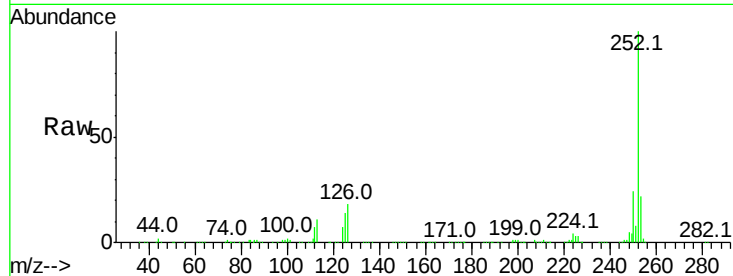




#89
Benzo(a)pyrene
Concen: 46.884 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

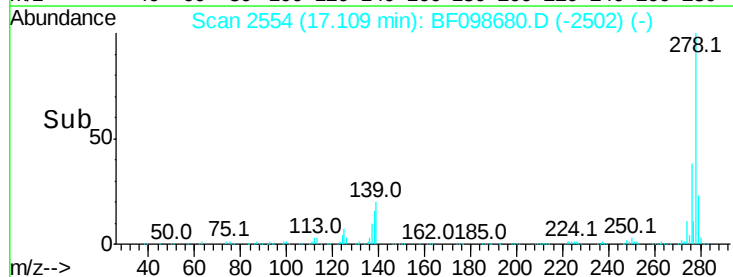
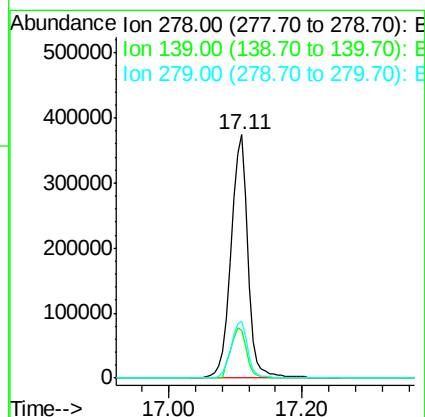
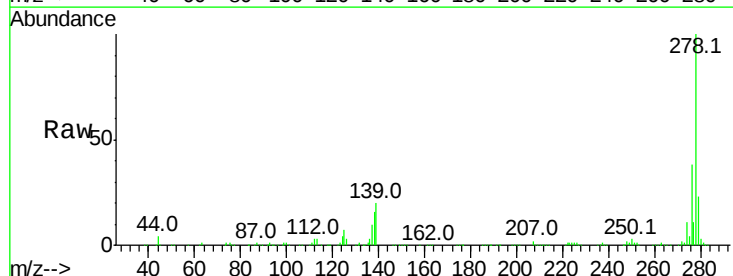
Instrument :
BNA_F
ClientSampleId :

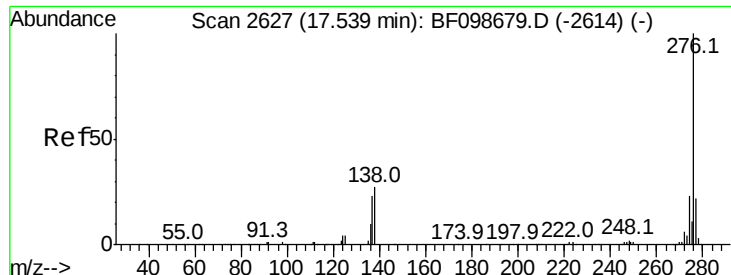
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 53.327 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098680.D
Acq: 22 Sep 2017 3:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 53.392 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF098680.D

Acq: 22 Sep 2017 3:26

Instrument :

BNA_F

ClientSampleId :

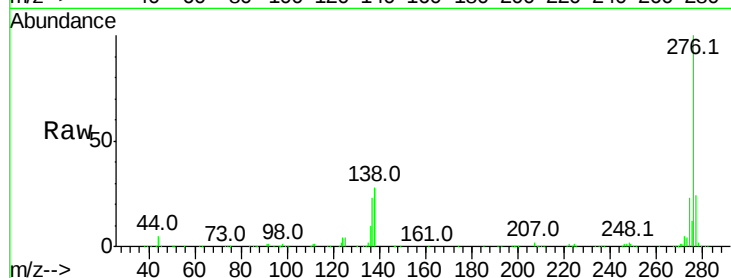
Tot Ion:276 Resp: 682684

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 28.3 21.8 32.8



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

