

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
 Data File : BF098682.D
 Acq On : 22 Sep 2017 4:23
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 05:08:16 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	150864	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	641184	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	290904	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	506271	20.00	ng	0.00
75) Chrysene-d12	14.09	240	339012	20.00	ng	0.00
86) Perylene-d12	15.58	264	282374	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1475268	145.72	ng	0.00
7) Phenol-d6	6.56	99	1769883	137.62	ng	0.01
23) Nitrobenzene-d5	7.50	82	1517149	134.91	ng	0.01
41) 2,4,6-Tribromophenol	10.76	330	420523	204.62	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	2380723	138.13	ng	0.00
78) Terphenyl-d14	13.04	244	2280557	144.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	368476	71.303	ng	99
3) Pyridine	3.55	79	1011922	73.511	ng	97
4) n-Nitrosodimethylamine	3.52	42	441663	66.877	ng	97
6) Aniline	6.60	93	1240498	76.102	ng	99
8) 2-Chlorophenol	6.72	128	794014	71.260	ng	96
9) Benzaldehyde	6.49	77	441504	53.490	ng	98
10) Phenol	6.57	94	986204	66.519	ng	99
11) bis(2-Chloroethyl)ether	6.67	93	776674	69.578	ng	99
12) 1,3-Dichlorobenzene	6.87	146	845106	74.772	ng	99
13) 1,4-Dichlorobenzene	6.95	146	846058	73.178	ng	99
14) 1,2-Dichlorobenzene	7.10	146	765439	72.184	ng	100
15) Benzyl Alcohol	7.07	79	637287	73.321	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1220906	66.542	ng	99
17) 2-Methylphenol	7.17	107	680920	74.861	ng	99
18) Hexachloroethane	7.45	117	305672	70.092	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	559711	69.352	ng	97
20) 3+4-Methylphenols	7.33	107	801667	69.397	ng	90
22) Acetophenone	7.35	105	1102247	66.936	ng	# 97
24) Nitrobenzene	7.52	77	850369	66.303	ng	94
25) Isophorone	7.76	82	1589017	69.466	ng	99
26) 2-Nitrophenol	7.83	139	409929	79.812	ng	97
27) 2,4-Dimethylphenol	7.86	122	760508	75.348	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	963502	68.976	ng	99
29) 2,4-Dichlorophenol	8.07	162	670589	79.771	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	647650	71.456	ng	98
31) Naphthalene	8.24	128	2141297	67.843	ng	99
32) Benzoic acid	8.02	122	572996	97.231	ng	97
33) 4-Chloroaniline	8.28	127	909256	70.804	ng	99
34) Hexachlorobutadiene	8.35	225	347334	74.150	ng	99
35) Caprolactam	8.68	113	178885	61.778	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	754011	73.026	ng	94
37) 2-Methylnaphthalene	8.93	142	1390568	72.180	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	612411	67.884	ng	99
40) Hexachlorocyclopentadiene	9.07	237	314875	135.596	ng	99

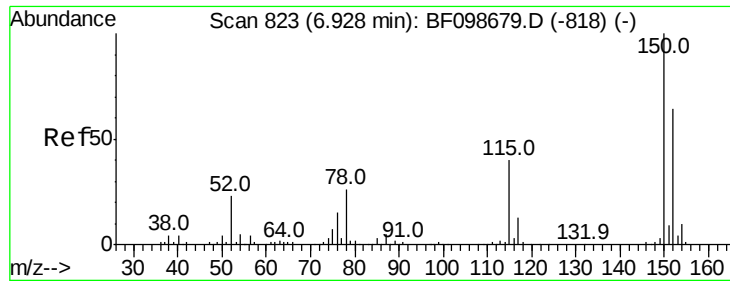
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	462057	85.873	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	451542	80.379	nq	96
45) 1,1'-Biphenyl	9.39	154	1729998	66.638	nq	99
46) 2-Chloronaphthalene	9.42	162	1343582	72.042	nq	99
47) 2-Nitroaniline	9.51	65	434461	63.182	nq	98
48) Acenaphthylene	9.83	152	2068017	73.965	nq	98
49) Dimethylphthalate	9.70	163	1594255	70.926	nq	100
50) 2,6-Dinitrotoluene	9.76	165	370734	80.407	nq	90
51) Acenaphthene	10.01	154	1298157	73.369	nq	99
52) 3-Nitroaniline	9.93	138	426990	76.910	nq	95
53) 2,4-Dinitrophenol	10.02	184	150423	89.811	nq	95
54) Dibenzofuran	10.18	168	1726488	73.683	nq	99
55) 4-Nitrophenol	10.07	139	372401	108.848	nq	98
56) 2,4-Dinitrotoluene	10.16	165	482669	84.974	nq	99
57) Fluorene	10.52	166	1320612	68.367	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	331142	86.916	nq	98
59) Diethylphthalate	10.39	149	1563034	72.688	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	582008	65.729	nq	97
61) 4-Nitroaniline	10.55	138	412132	73.707	nq	94
62) Azobenzene	10.67	77	1413387	62.259	nq	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	224411	81.288	nq	80
65) n-Nitrosodiphenylamine	10.63	169	1266661	76.427	nq	100
66) 4-Bromophenyl-phenylether	11.00	248	380621	78.505	nq	97
67) Hexachlorobenzene	11.06	284	443500	88.489	nq	96
68) Atrazine	11.16	200	387771	76.136	nq	99
69) Pentachlorophenol	11.25	266	288233	138.239	nq	98
70) Phenanthrene	11.48	178	1909583	70.707	nq	99
71) Anthracene	11.53	178	1952654	70.739	nq	99
72) Carbazole	11.69	167	1923494	73.985	nq	99
73) Di-n-butylphthalate	12.01	149	2298049	74.311	nq	100
74) Fluoranthene	12.67	202	1890577	70.209	nq	99
76) Benzidine	12.79	184	955301	64.439	nq	# 93
77) Pyrene	12.90	202	1947814	73.154	nq	100
79) Butylbenzylphthalate	13.51	149	900661	78.596	nq	96
80) Benzo(a)anthracene	14.08	228	1508046	75.325	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	528561	68.956	nq	97
82) Chrysene	14.12	228	1435913	71.740	nq	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1148658	78.852	nq	99
84) Di-n-octyl phthalate	14.68	149	1756848	72.192	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	1339681	94.025	nq	100
87) Benzo(b)fluoranthene	15.14	252	1240493	70.210	nq	98
88) Benzo(k)fluoranthene	15.17	252	1202310	72.942	nq	98
89) Benzo(a)pyrene	15.52	252	1148976	73.132	nq	97
90) Dibenzo(a,h)anthracene	17.12	278	1075795	91.352	nq	98
91) Benzo(g,h,i)perylene	17.56	276	1123920	94.519	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

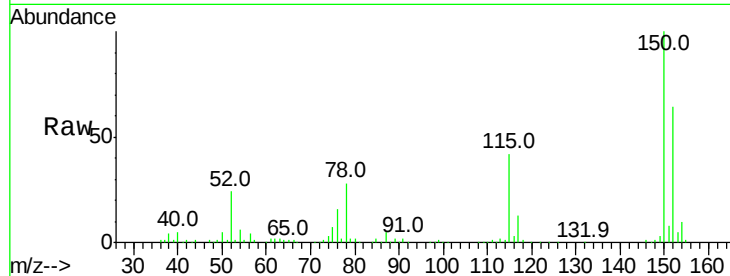
Tot Ion:152 Resp: 150864

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

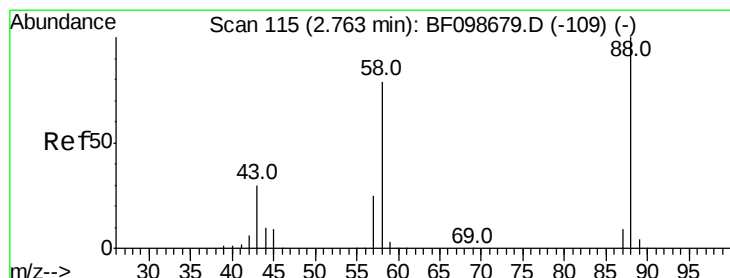
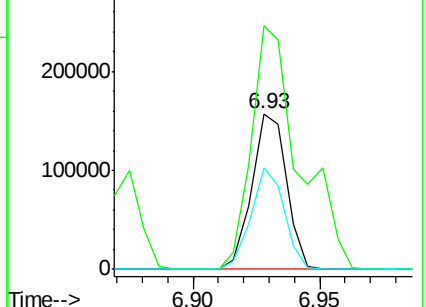
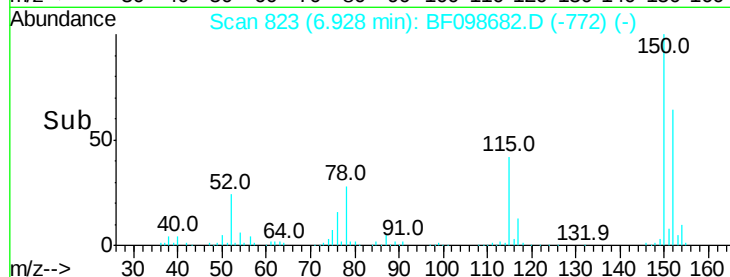
115 65.2 50.1 75.1



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: 71.303 ng

RT: 2.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

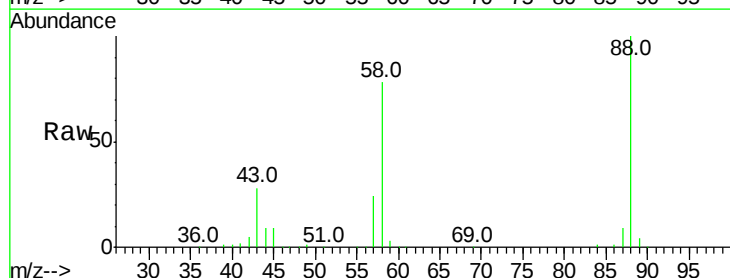
Tgt Ion: 88 Resp: 368476

Ion Ratio Lower Upper

88 100

58 78.8 62.6 93.8

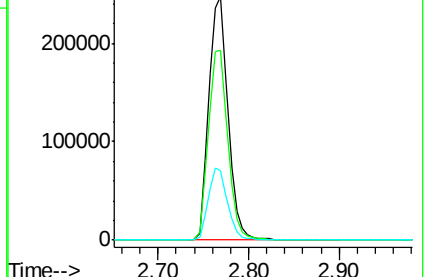
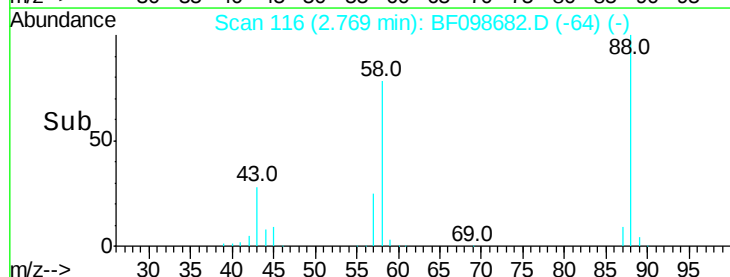
43 29.6 24.6 37.0

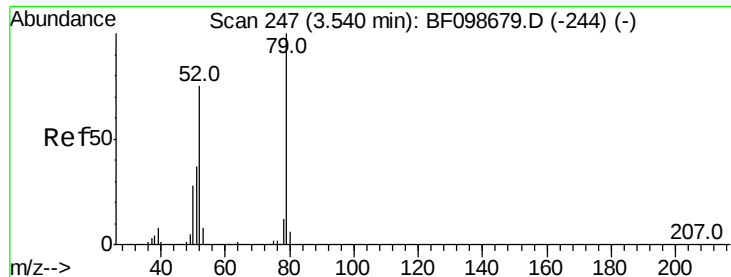


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

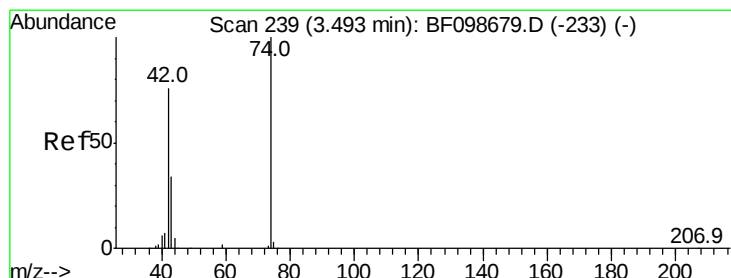
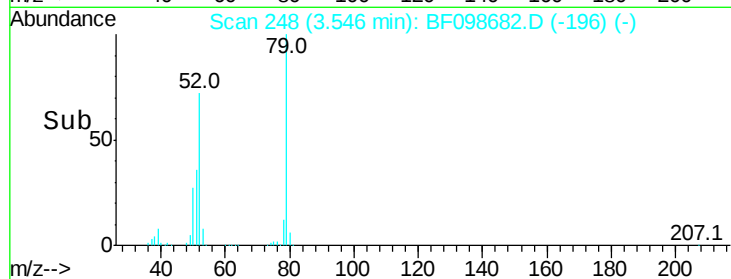
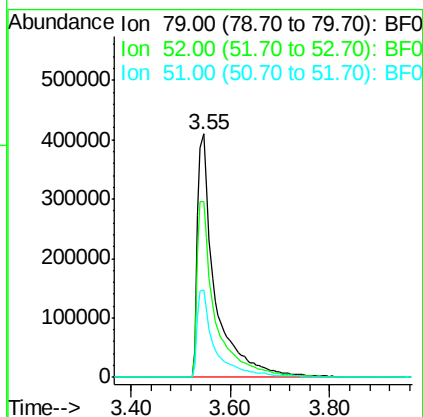
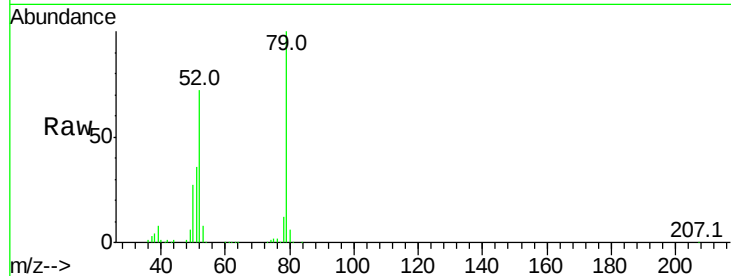




#3
 Pvridine
 Concen: 73.511 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

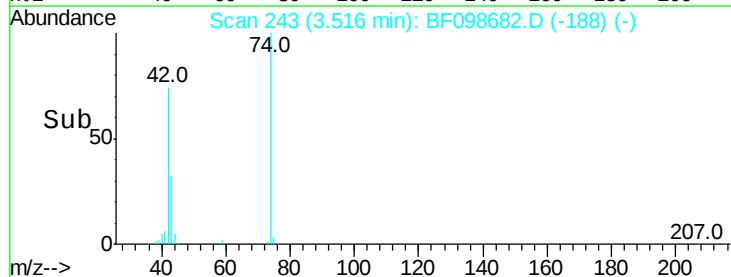
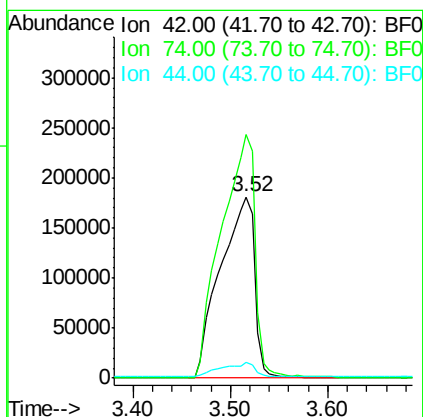
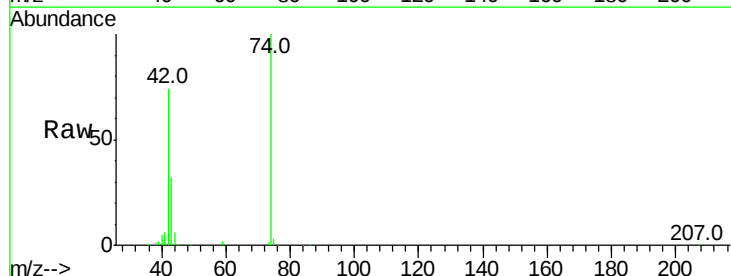
Instrument :
 BNA_F
 ClientSampleId :

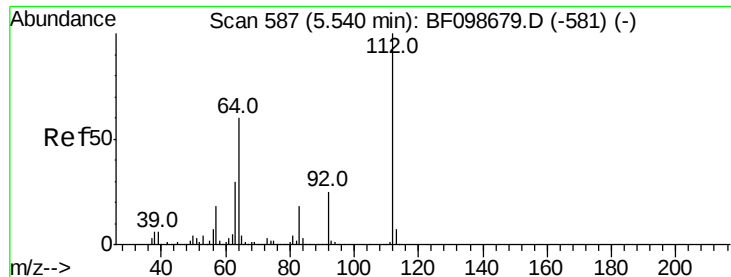
Tot Ion: 79 Resp: 1011922
 Ion Ratio Lower Upper
 79 100
 52 72.4 59.8 89.6
 51 35.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 66.877 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.02 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion: 42 Resp: 441663
 Ion Ratio Lower Upper
 42 100
 74 134.6 104.9 157.3
 44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 145.719 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

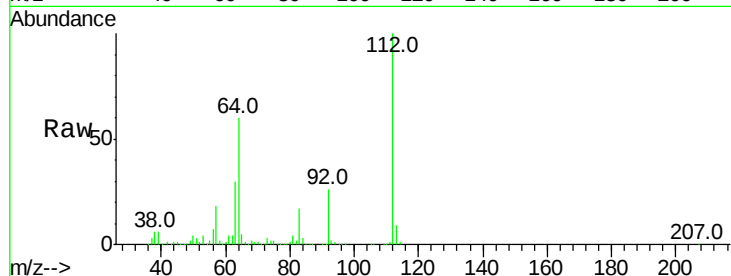
Tot Ion:112 Resp: 1475268

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

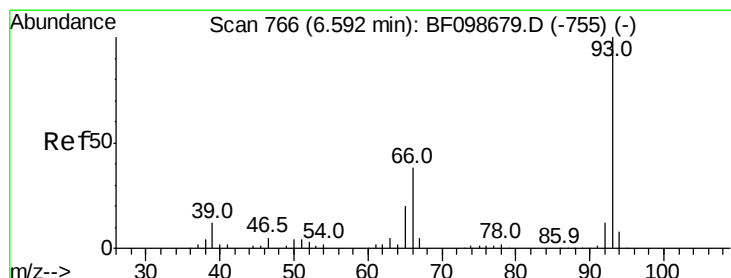
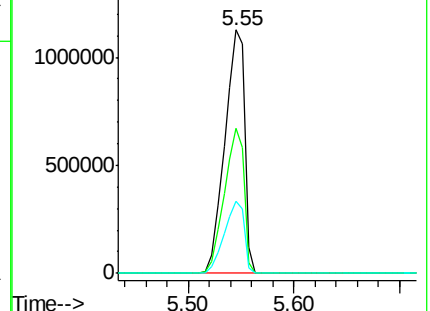
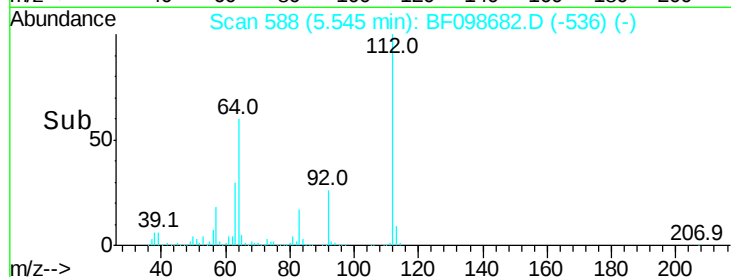
63 29.6 23.7 35.5



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: 76.102 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

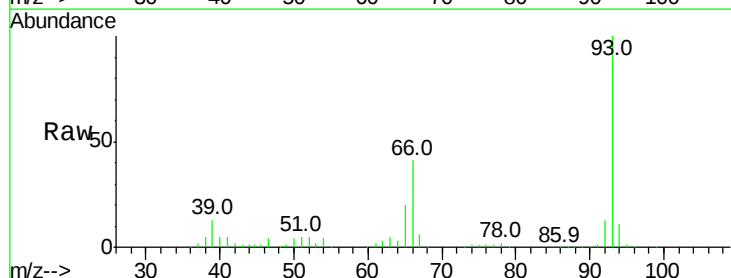
Tgt Ion: 93 Resp: 1240498

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

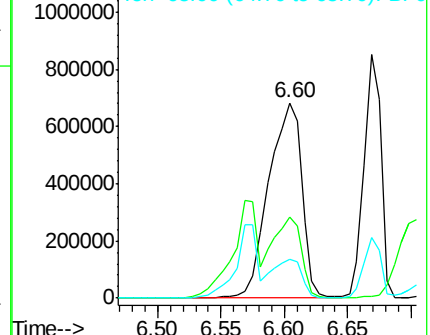
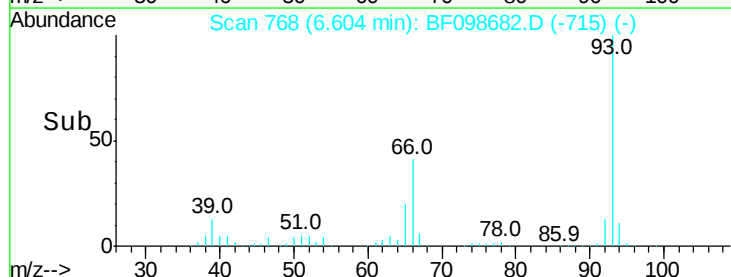
65 20.2 16.4 24.6



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: 137.620 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

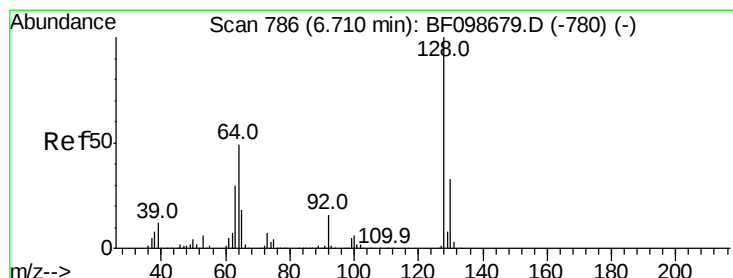
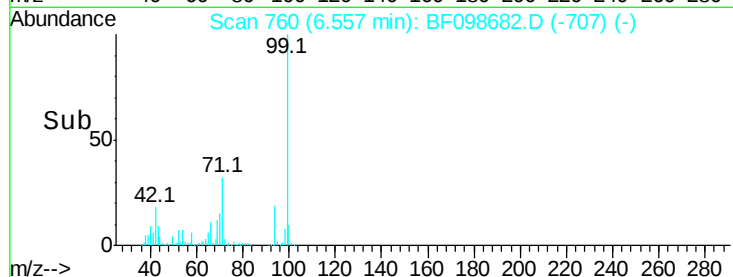
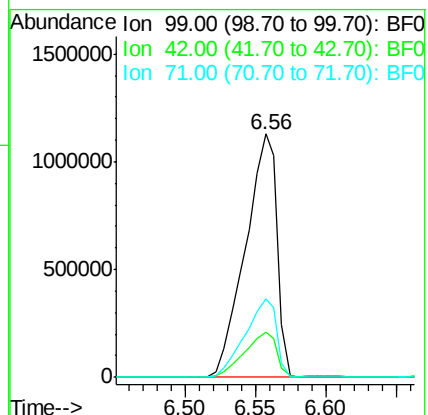
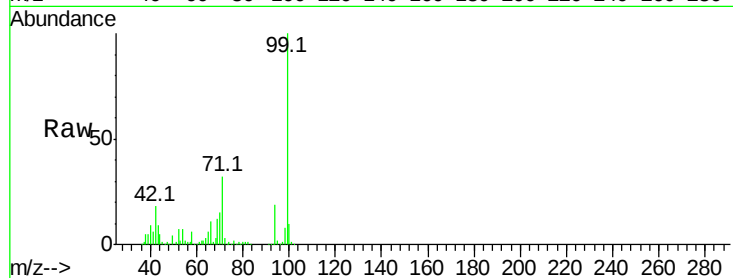
Tot Ion: 99 Resp: 1769883

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 71.260 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

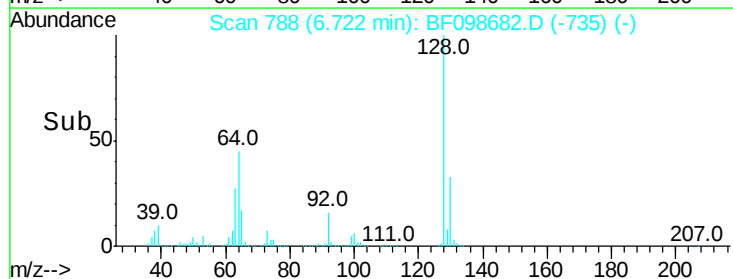
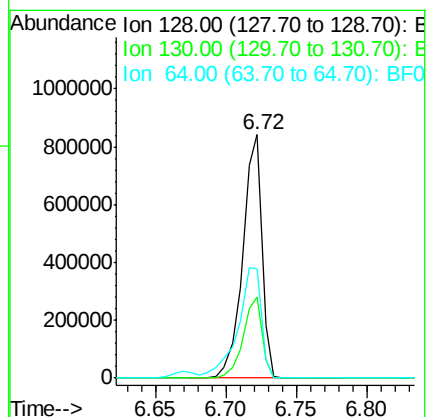
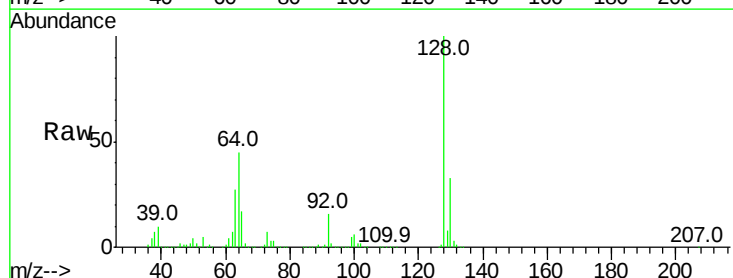
Tgt Ion: 128 Resp: 794014

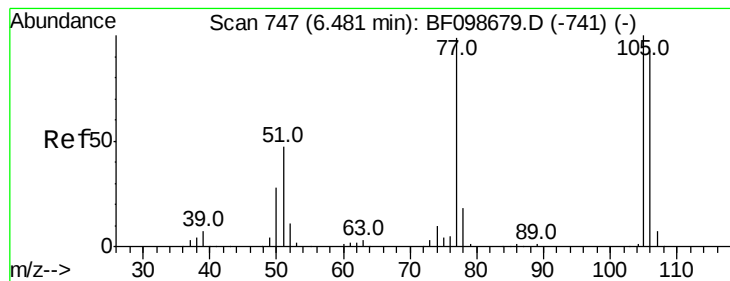
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 53.490 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

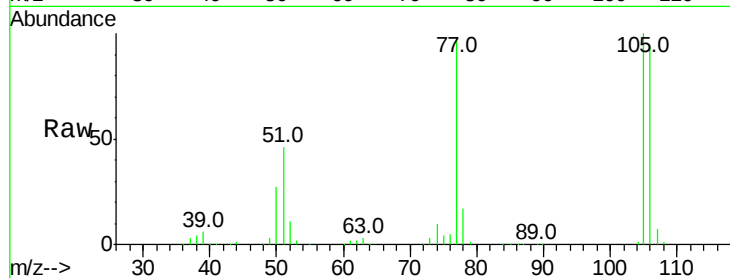
Tot Ion: 77 Resp: 441504

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

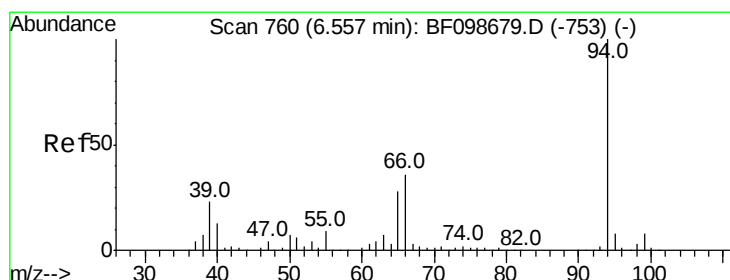
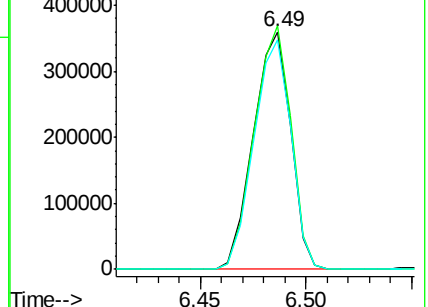
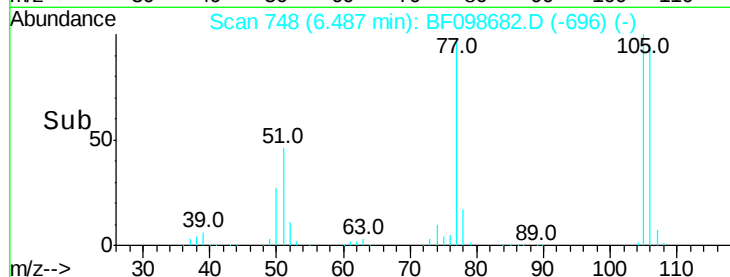
106 96.7 74.5 114.5



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: 66.519 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

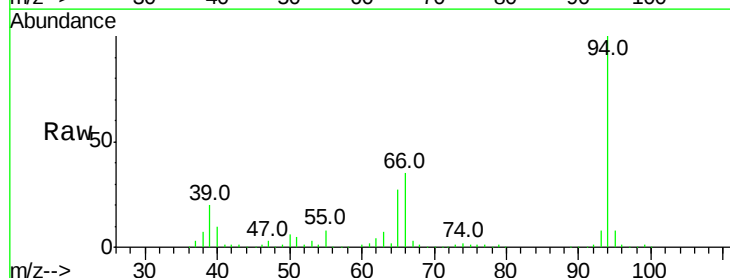
Tgt Ion: 94 Resp: 986204

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

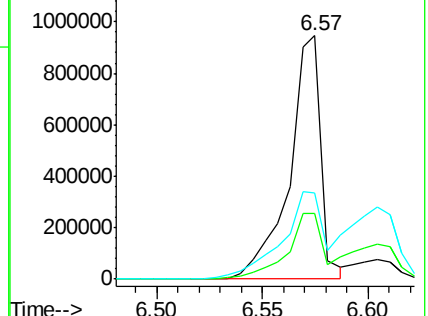
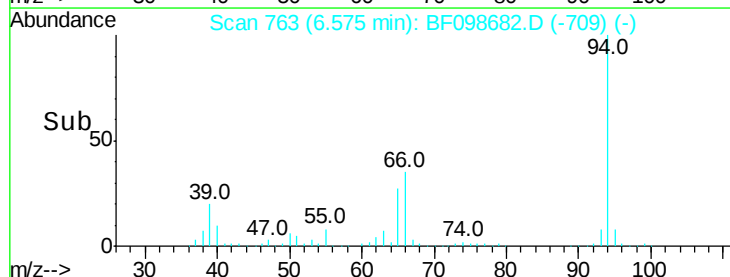
66 35.5 16.2 56.2

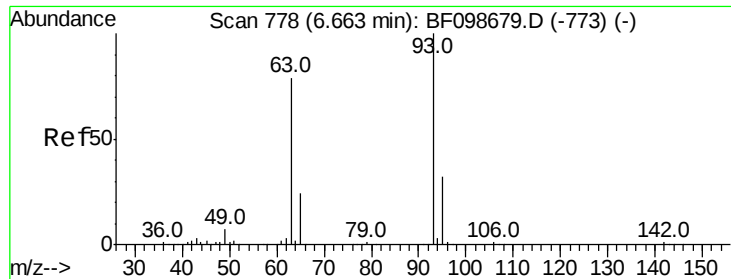


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 69.578 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

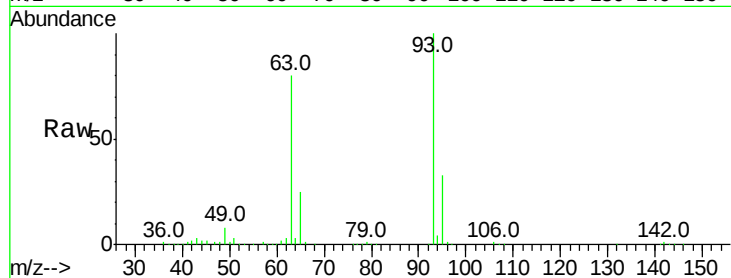
Tot Ion: 93 Resp: 776674

Ion Ratio Lower Upper

93 100

63 79.8 58.6 98.6

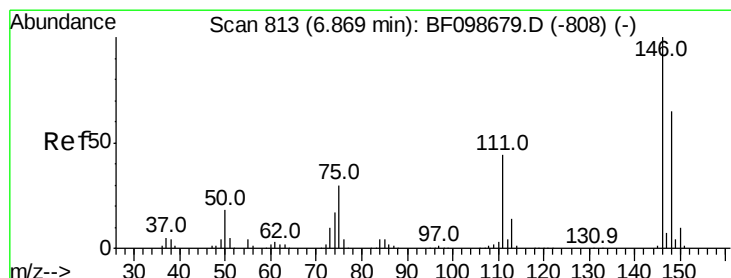
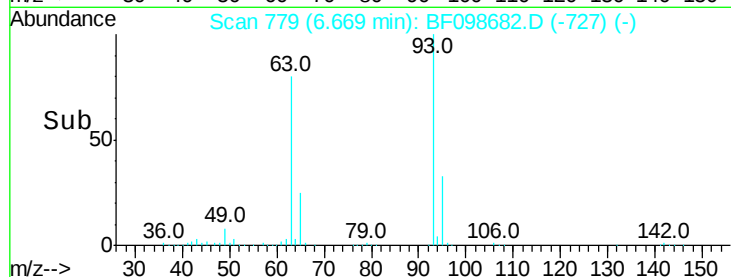
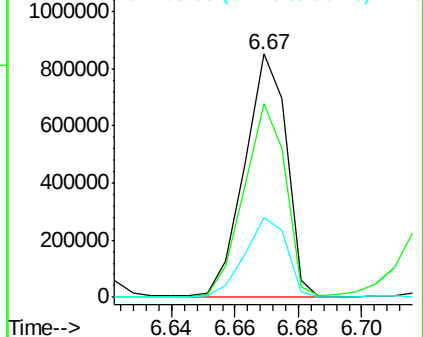
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 74.772 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

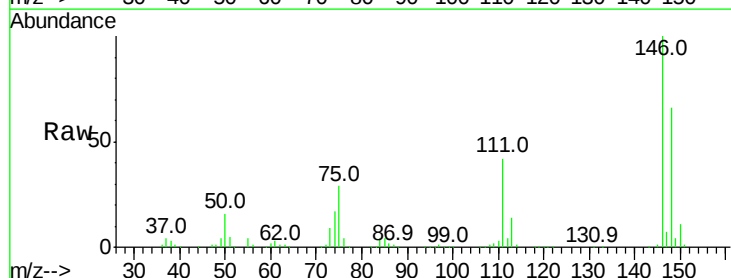
Tgt Ion: 146 Resp: 845106

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

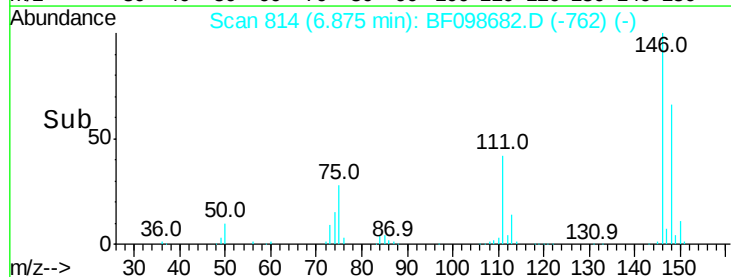
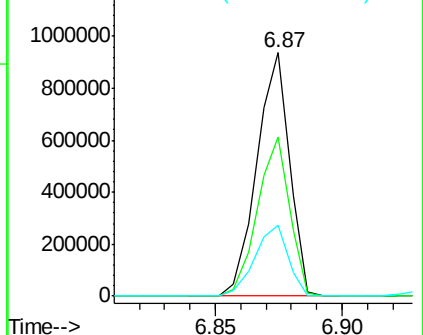
75 29.3 24.2 36.4

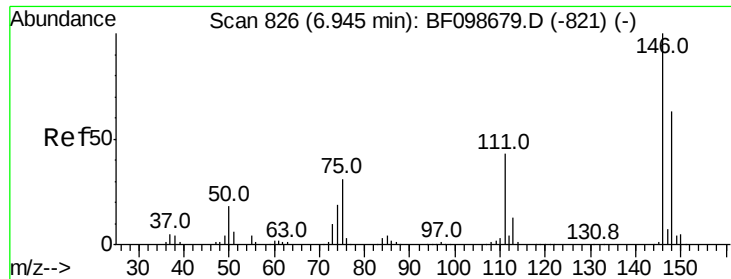


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

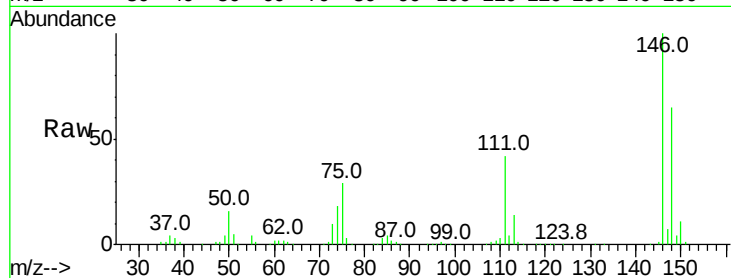




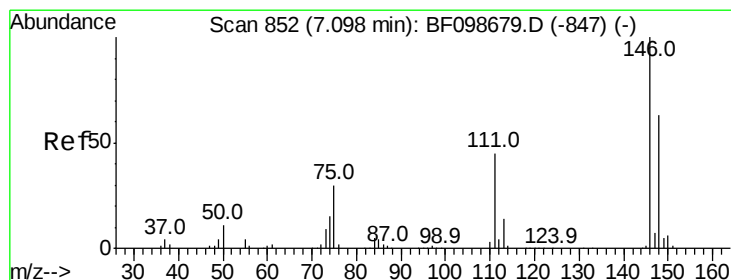
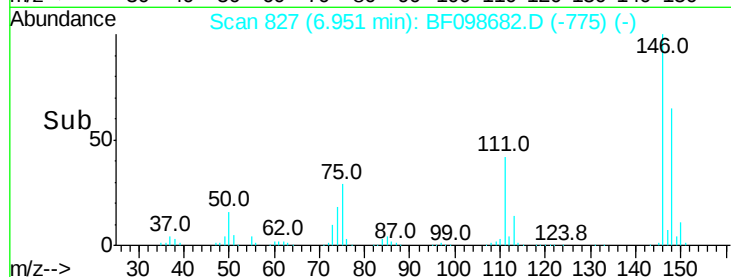
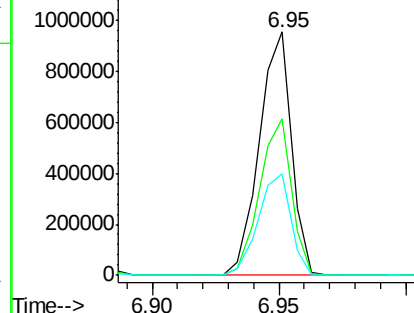
#13
 1,4-Dichlorobenzene
 Concen: 73.178 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 846058
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.8 34.2 51.2

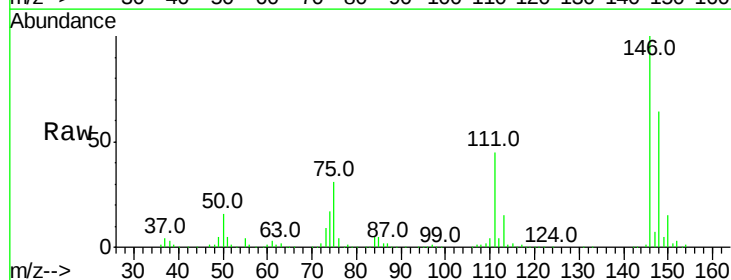


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

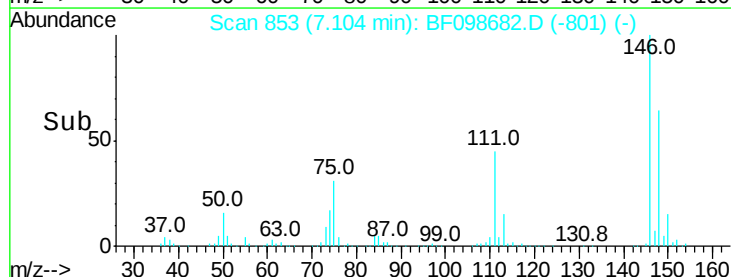
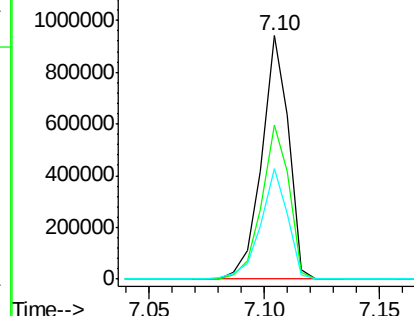


#14
 1,2-Dichlorobenzene
 Concen: 72.184 ng
 RT: 7.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:146 Resp: 765439
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 73.321 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

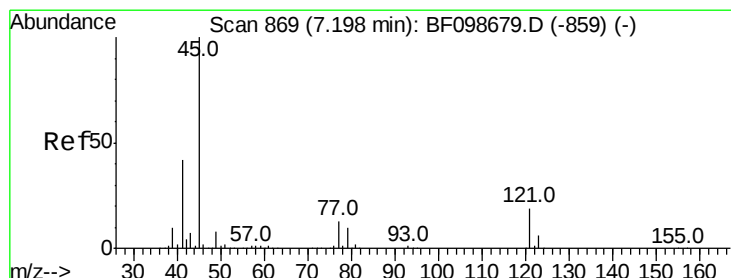
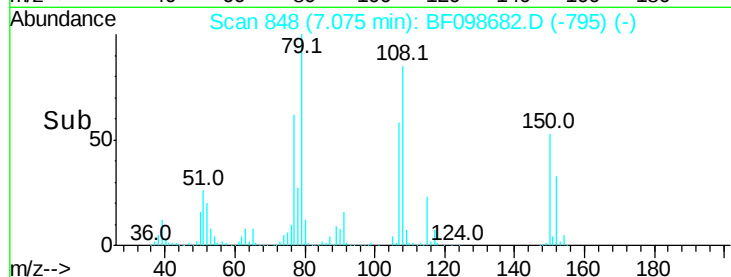
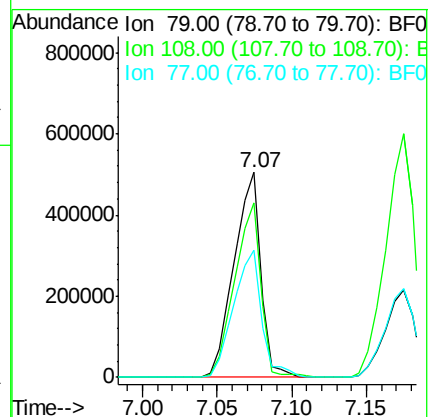
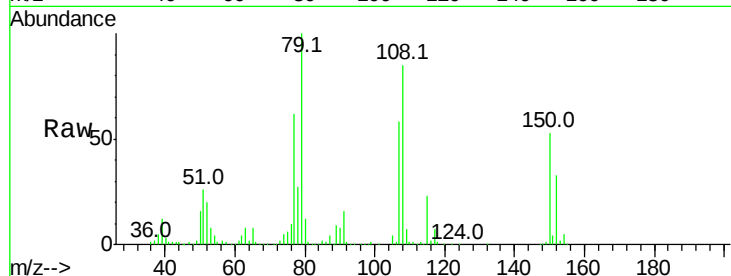
Tot Ion: 79 Resp: 637287

Ion Ratio Lower Upper

79 100

108 85.3 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 66.542 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

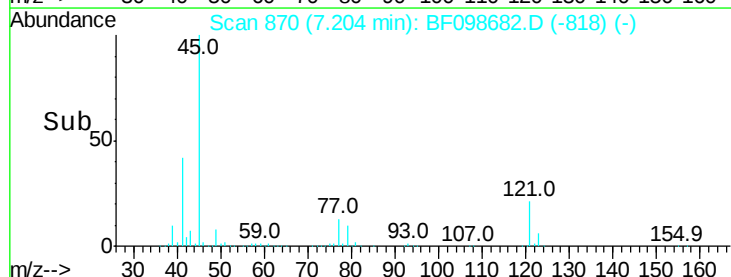
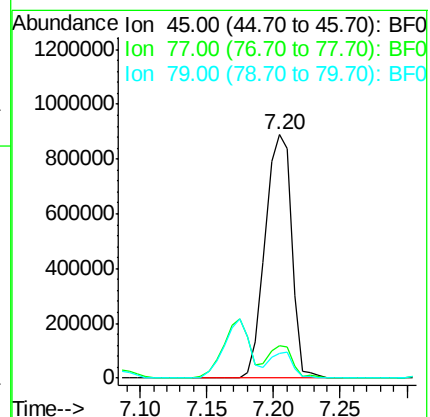
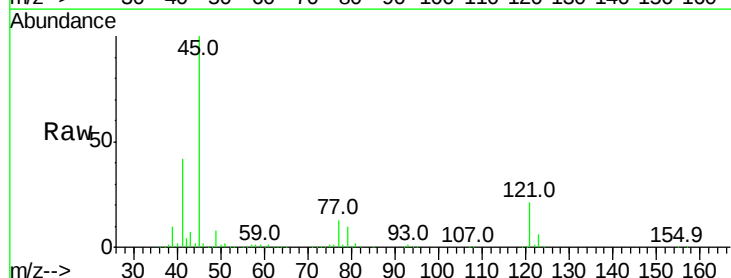
Tgt Ion: 45 Resp: 1220906

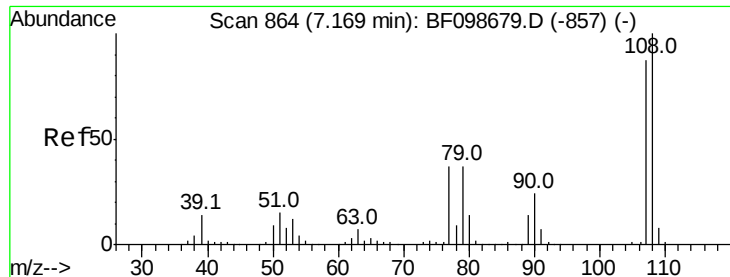
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.2 0.0 29.6

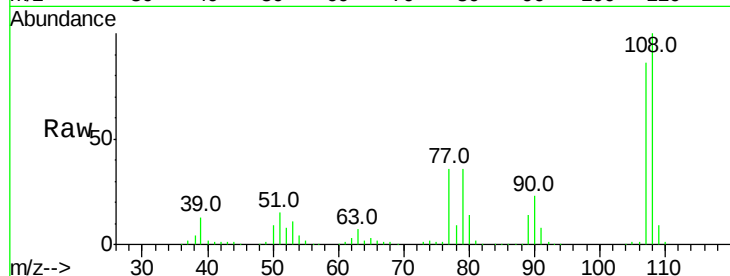




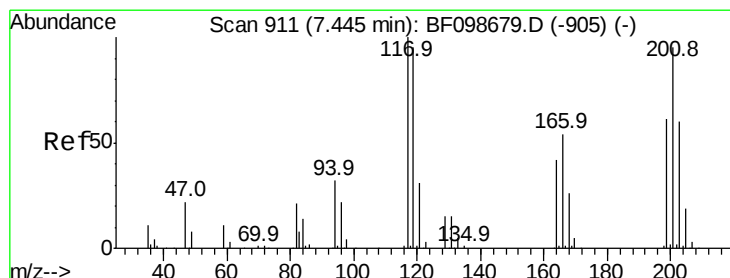
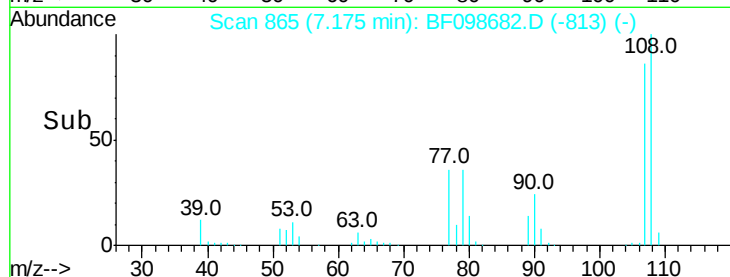
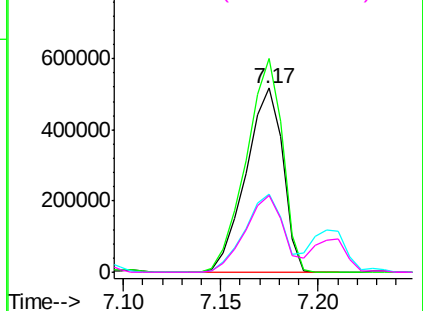
#17
2-Methylphenol
Concen: 74.861 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 680920
Ion Ratio Lower Upper
107 100
108 116.2 91.7 137.5
77 42.3 33.8 50.8
79 41.9 33.8 50.8

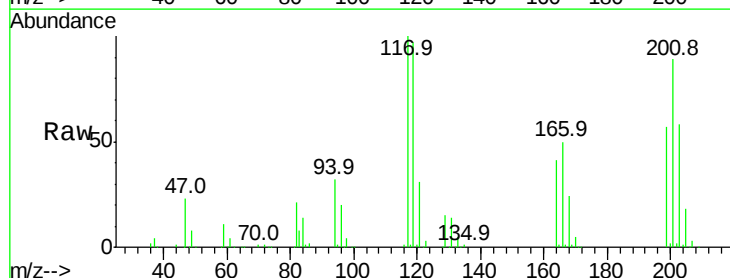


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

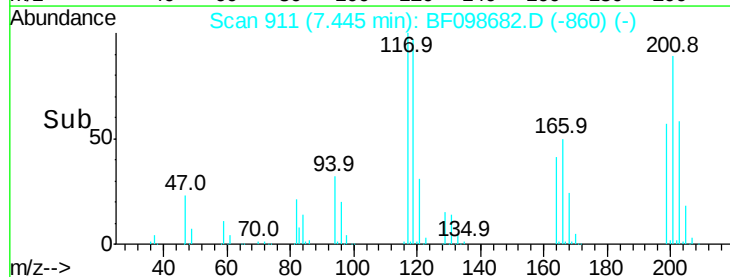
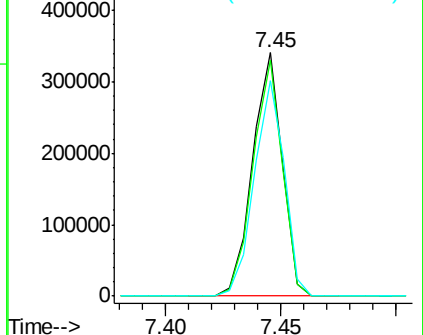


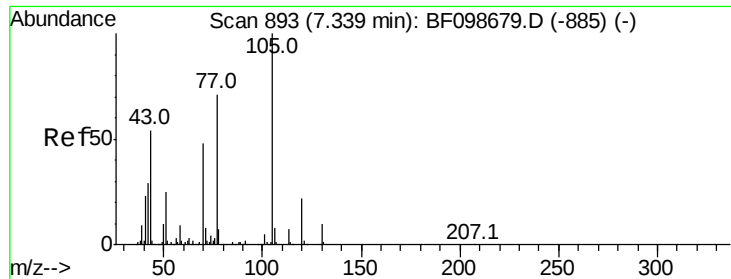
#18
Hexachloroethane
Concen: 70.092 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:117 Resp: 305672
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 88.7 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

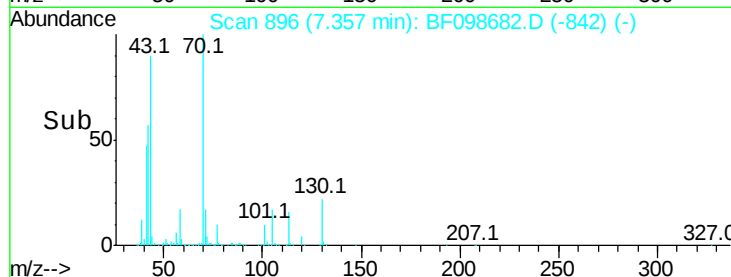
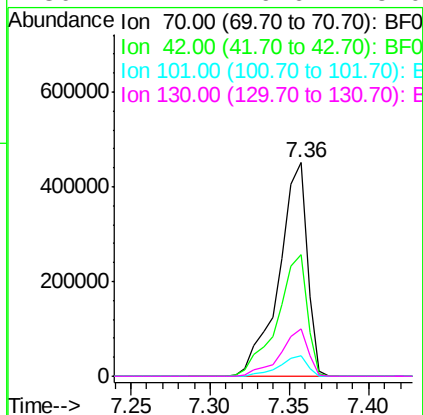
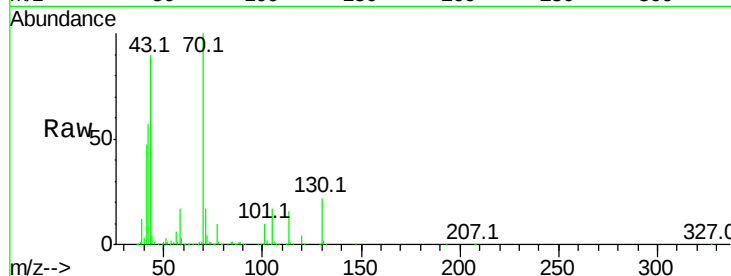




#19
n-Nitroso-di-n-propylamine
Concen: 69.352 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

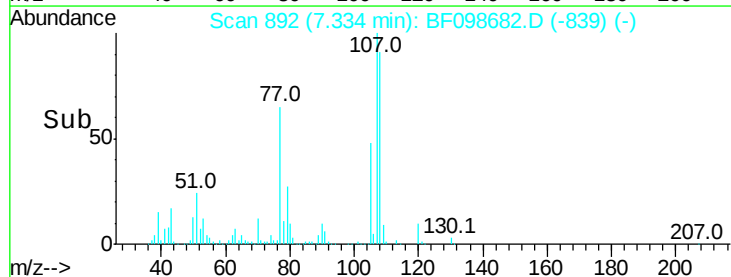
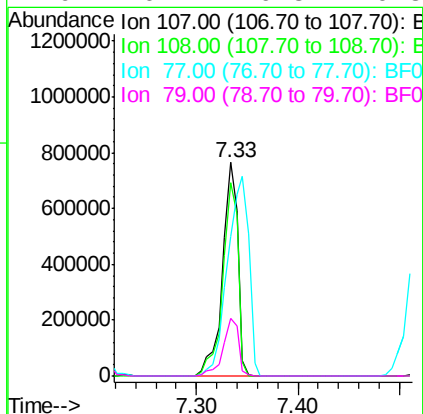
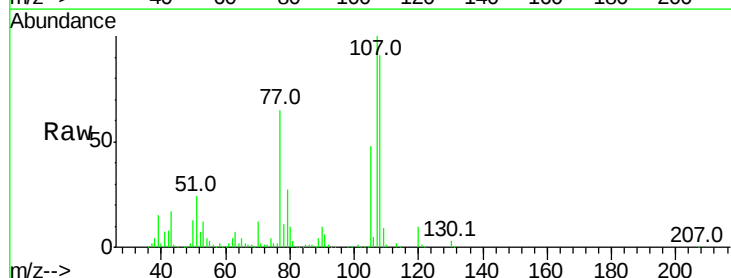
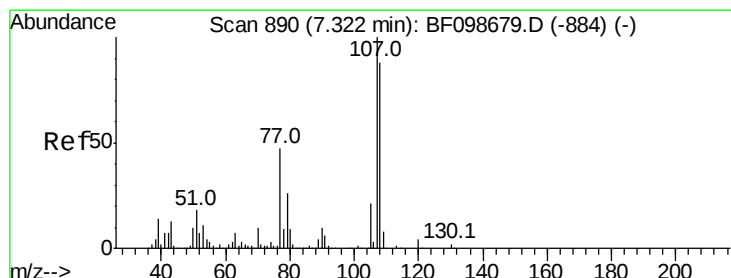
Instrument :
BNA_F
ClientSampleId :

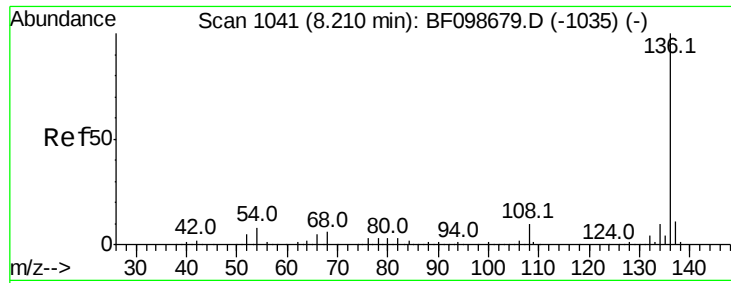
Tot Ion:	70	Resp:	559711
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	9.7	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 69.397 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:	107	Resp:	801667
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	65.3	26.7	66.7
79	26.7	6.3	46.3

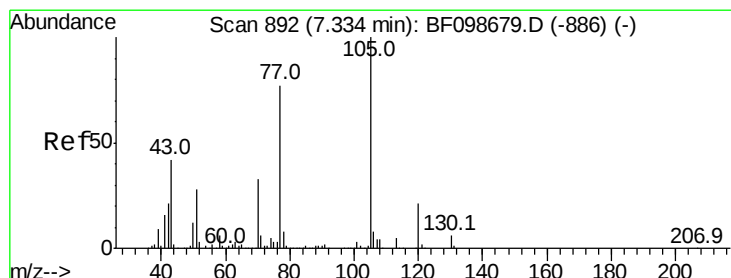
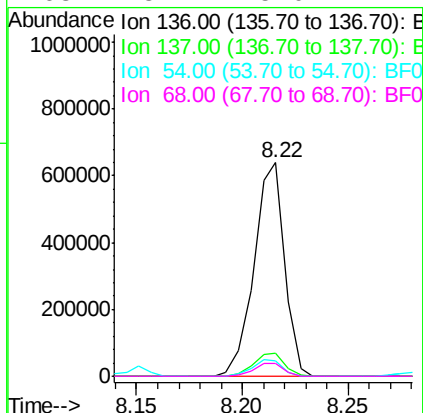
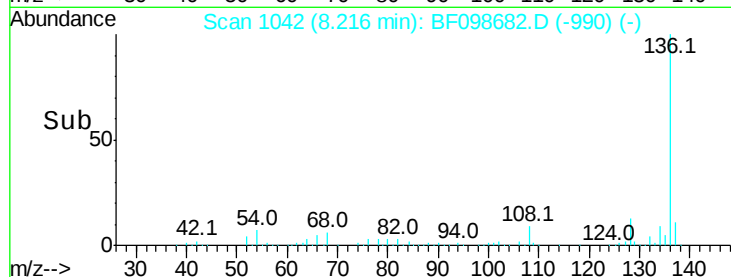
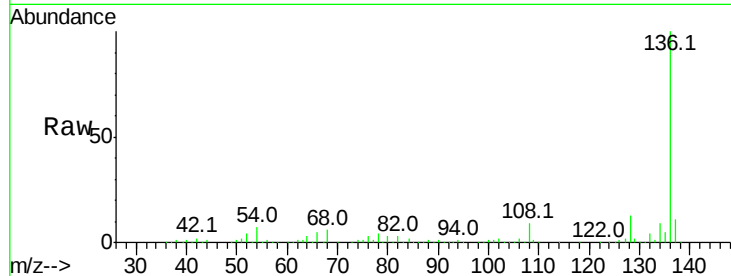




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

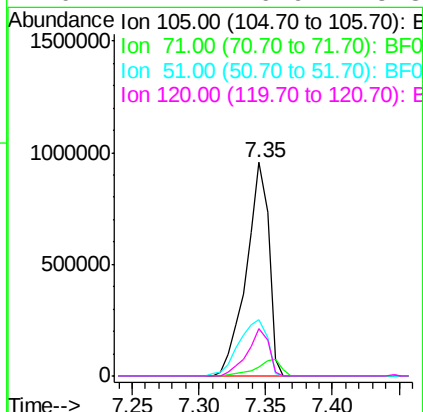
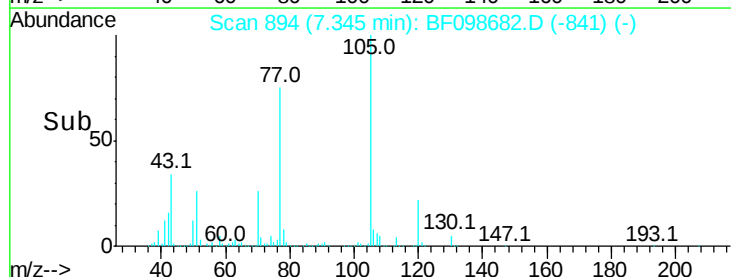
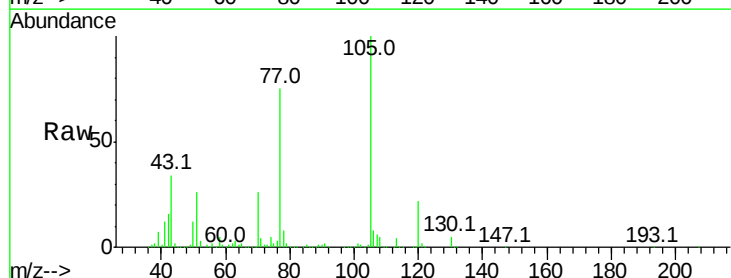
Instrument :
BNA_F
ClientSampleId :

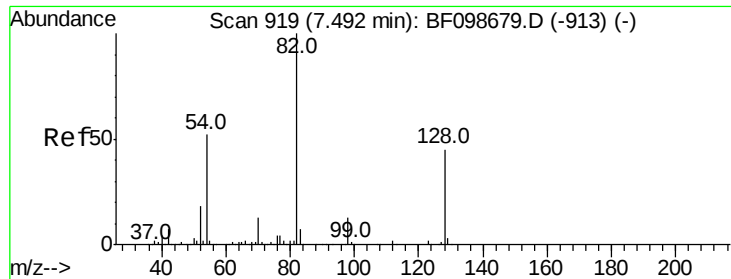
Tot Ion:136	Resp: 641184
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 7.5	6.6 9.8
68 5.7	5.0 7.4



#22
Acetophenone
Concen: 66.936 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt	Ion:105	Resp:	1102247
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.4	6.6#
51	26.4	22.3	33.5
120	22.2	16.9	25.3



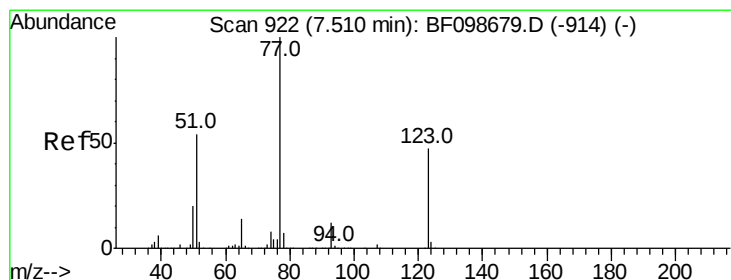
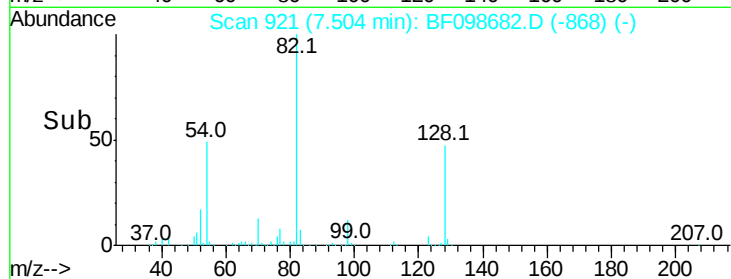
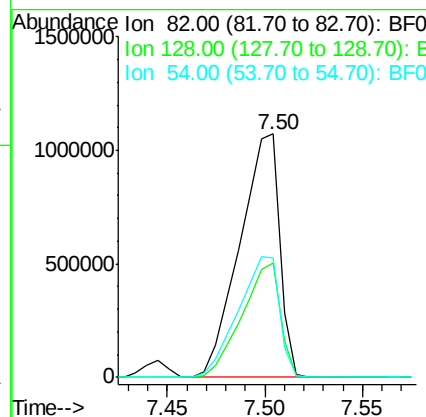
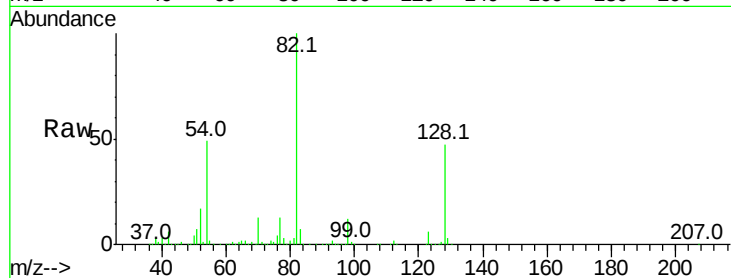


#23
 Nitrobenzene-d5
 Concen: 134.910 ng
 RT: 7.50 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1517149

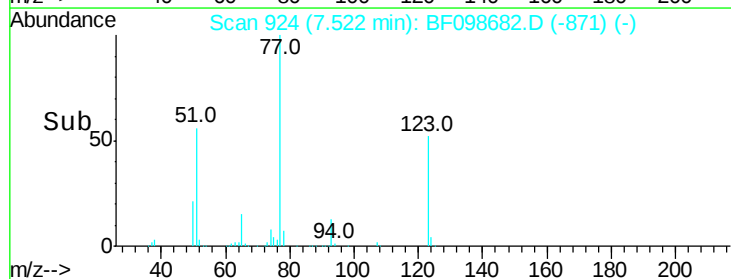
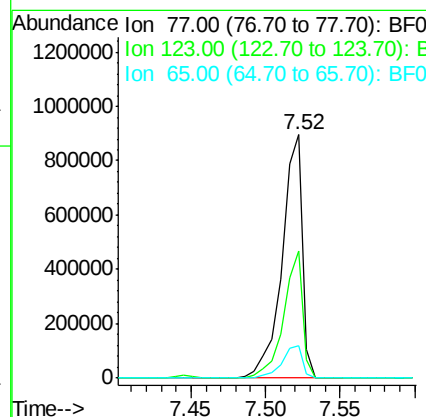
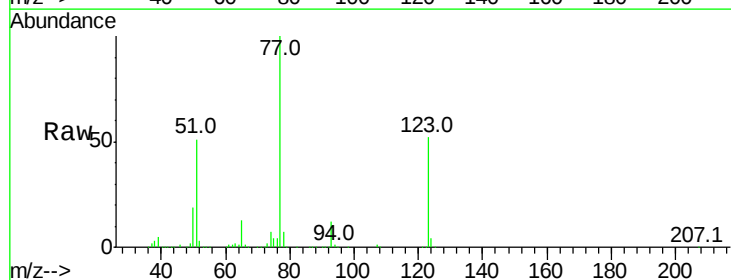
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	49.2	41.4	62.2

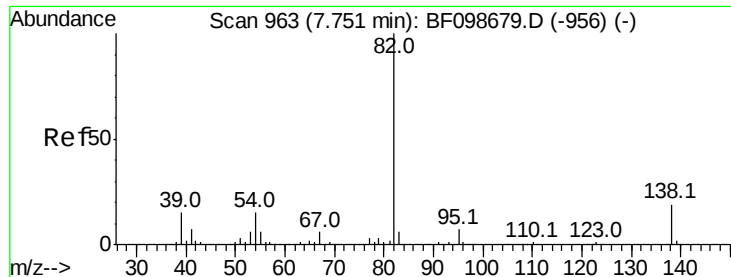


#24
 Nitrobenzene
 Concen: 66.303 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion: 77 Resp: 850369

Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 69.466 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

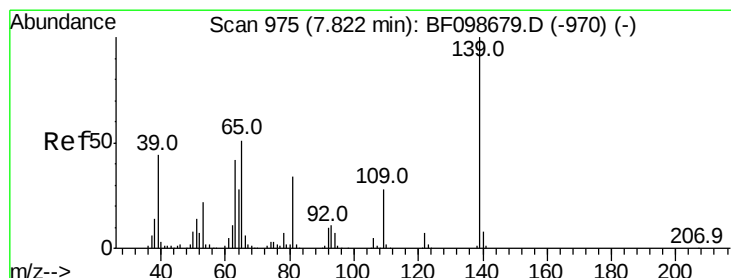
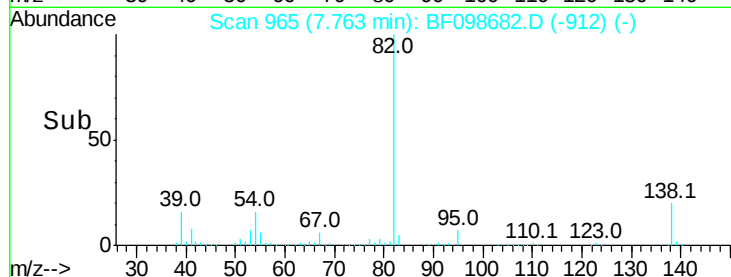
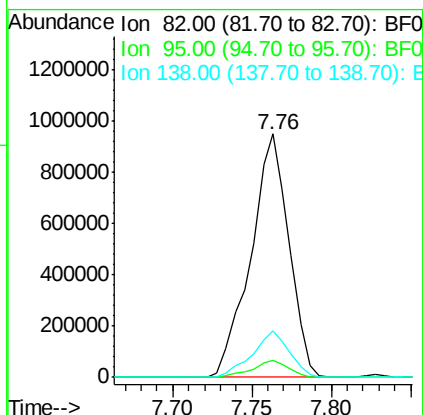
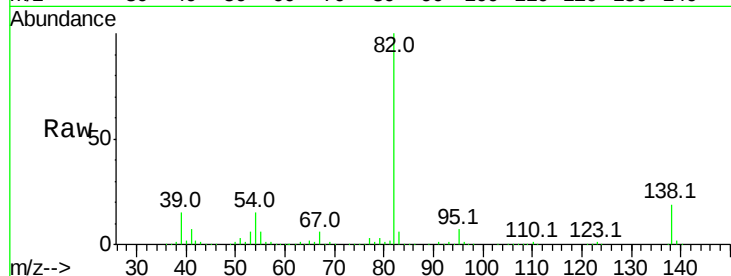
Tot Ion: 82 Resp: 1589017

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 79.812 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

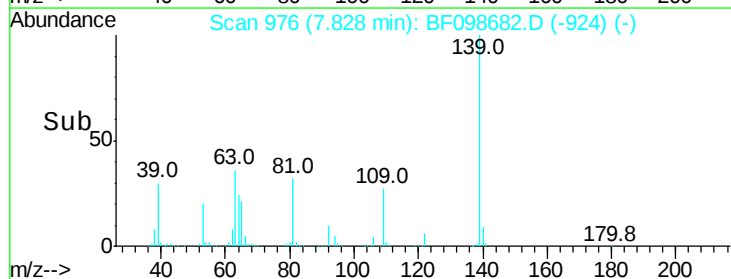
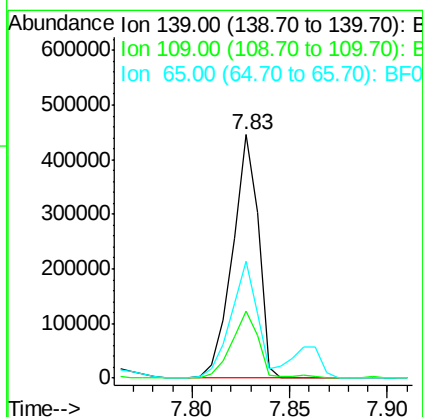
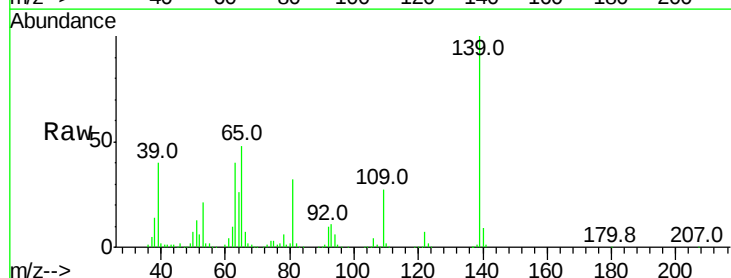
Tgt Ion: 139 Resp: 409929

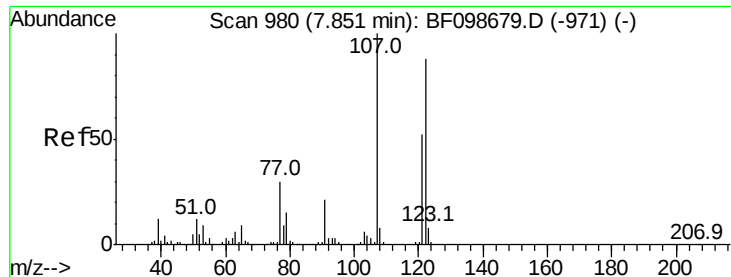
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 75.348 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

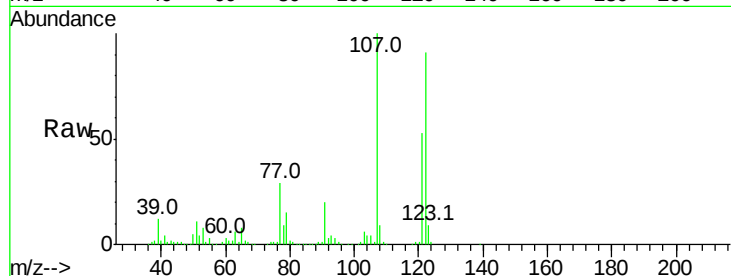
Tot Ion:122 Resp: 760508

Ion Ratio Lower Upper

122 100

107 109.7 91.2 136.8

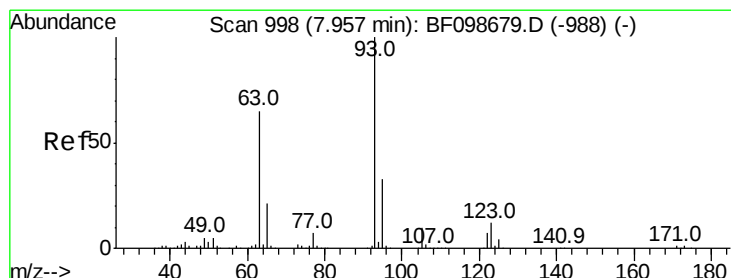
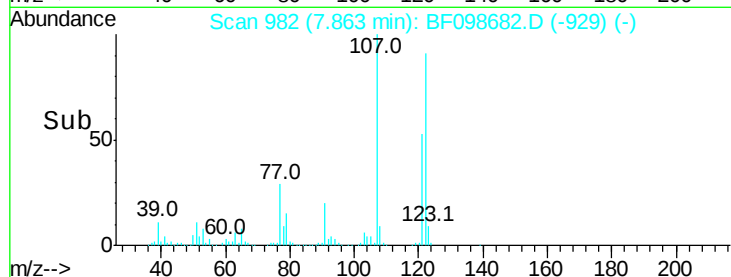
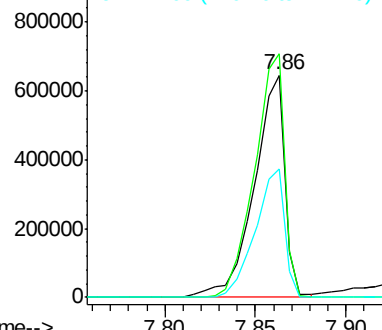
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 68.976 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

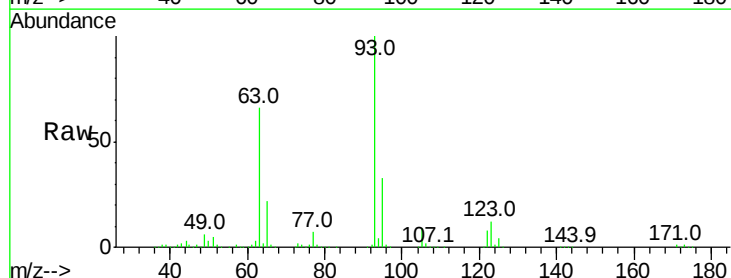
Tgt Ion: 93 Resp: 963502

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

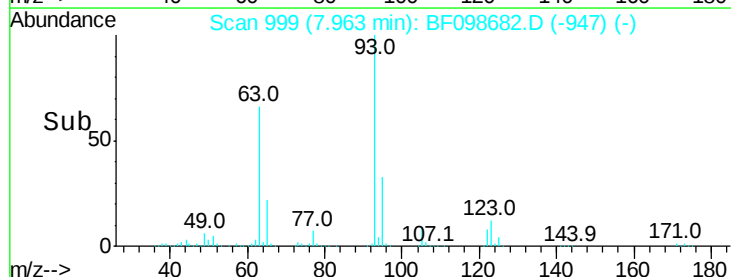
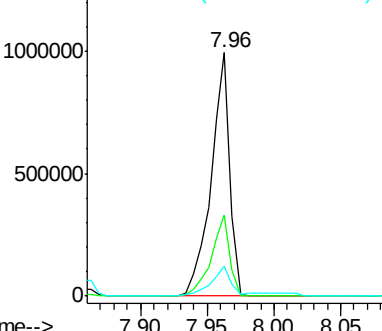
123 12.0 9.8 14.6

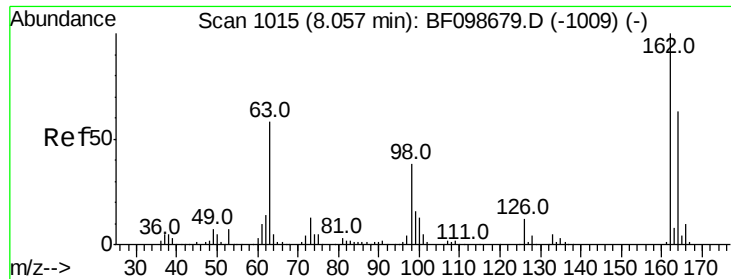


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

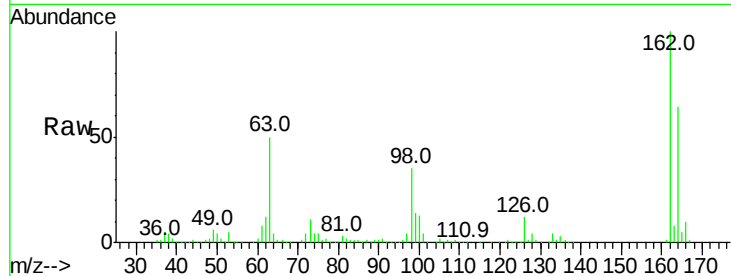




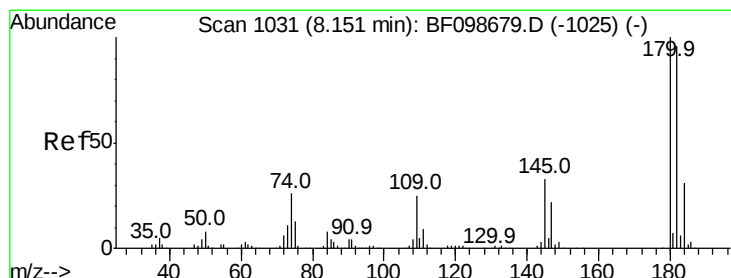
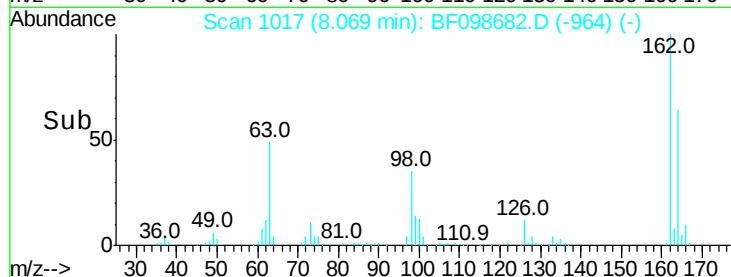
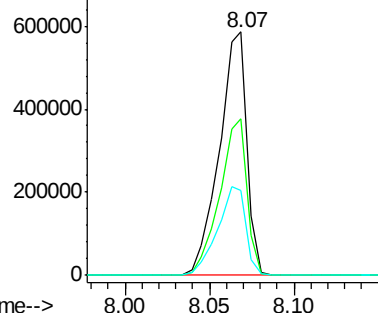
#29
 2,4-Dichlorophenol
 Concen: 79.771 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	35.1	18.1	58.1

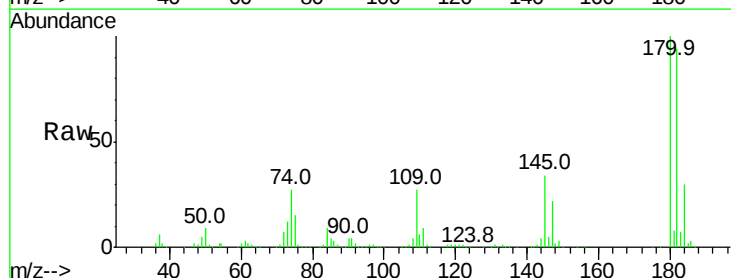


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

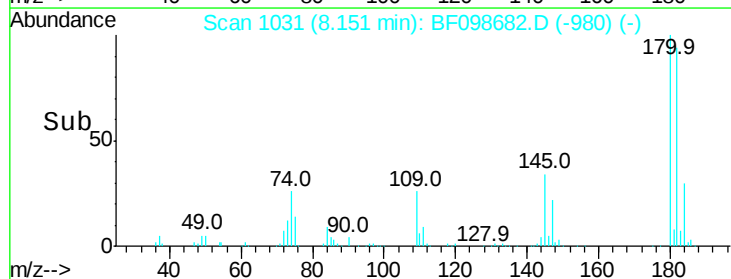
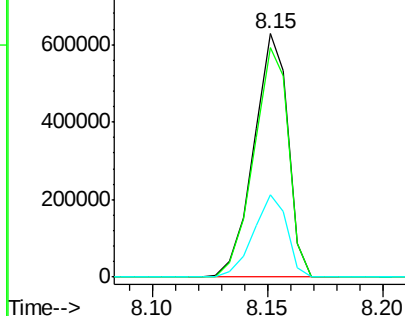


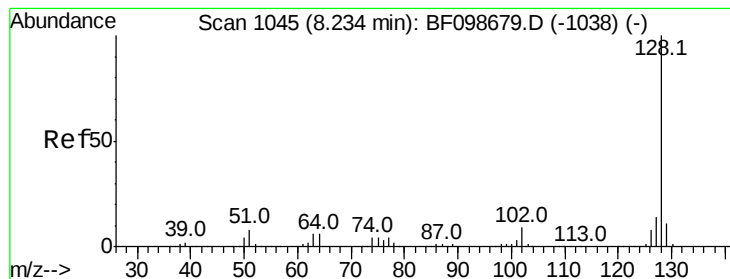
#30
 1,2,4-Trichlorobenzene
 Concen: 71.456 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	33.8	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: 67.843 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

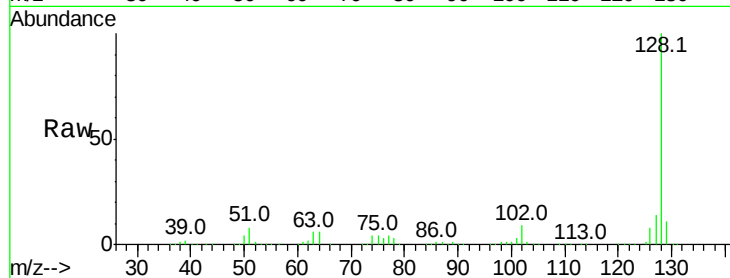
Instrument :

BNA_F

ClientSampled :

Tot Ion:128 Resp: 2141297

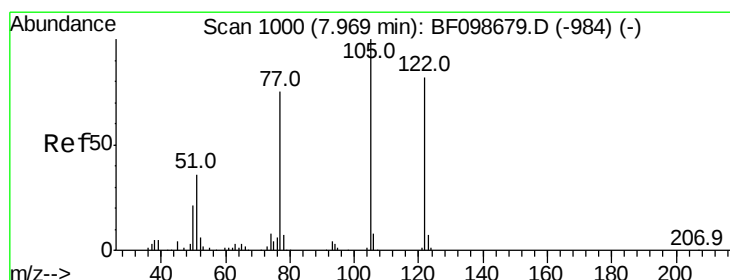
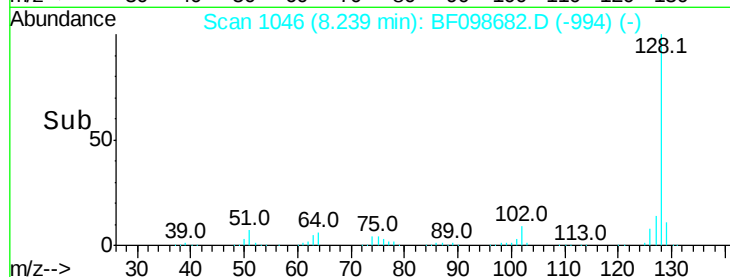
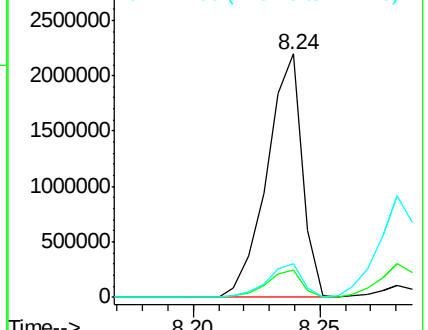
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.9	16.3



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: 97.231 ng

RT: 8.02 min Scan# 1008

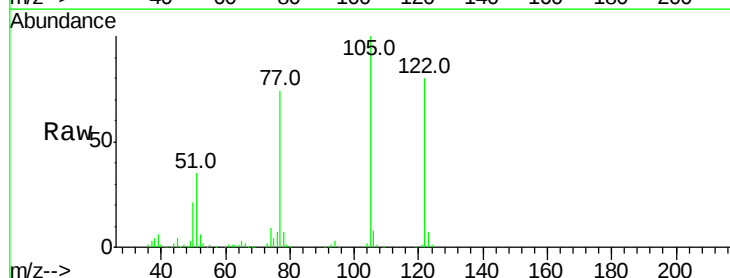
Delta R.T. 0.05 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:122 Resp: 572996

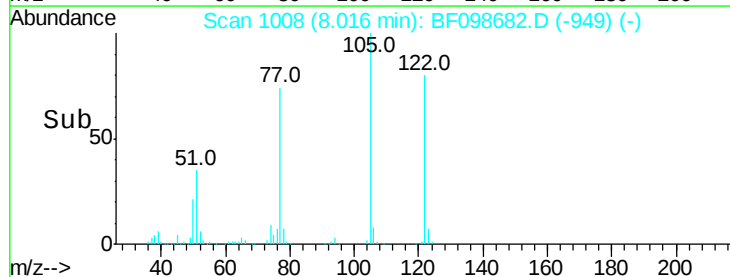
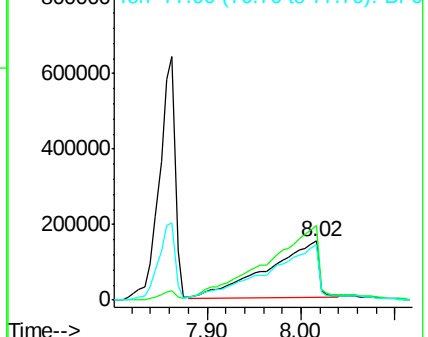
Ion	Ratio	Lower	Upper
122	100		
105	125.3	101.1	141.1
77	92.9	70.7	110.7

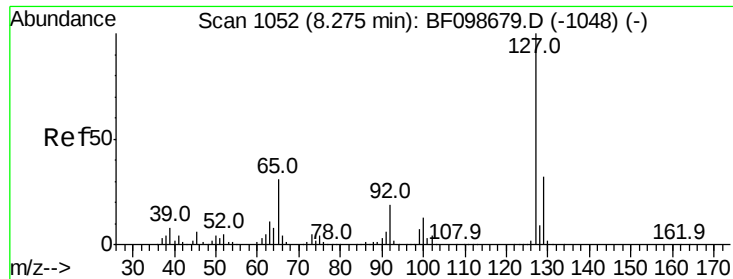


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

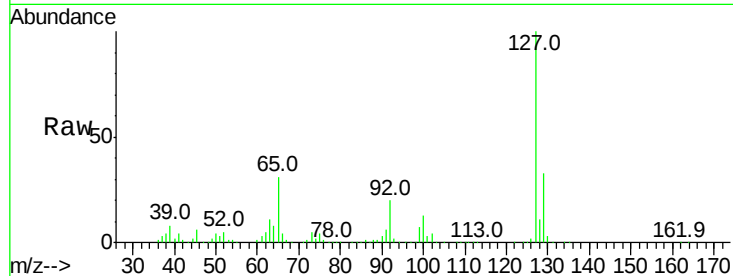




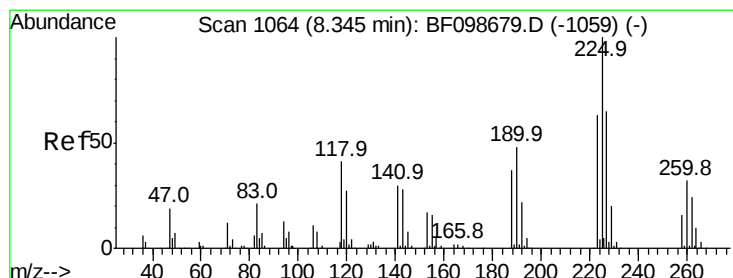
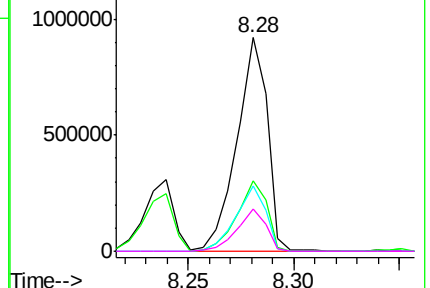
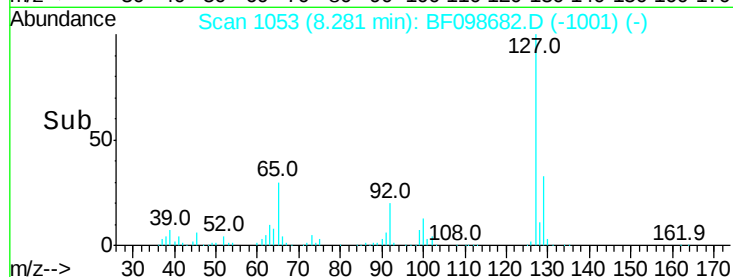
#33
4-Chloroaniline
Concen: 70.804 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	909256
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.6	25.0	37.4
92	19.7	15.2	22.8

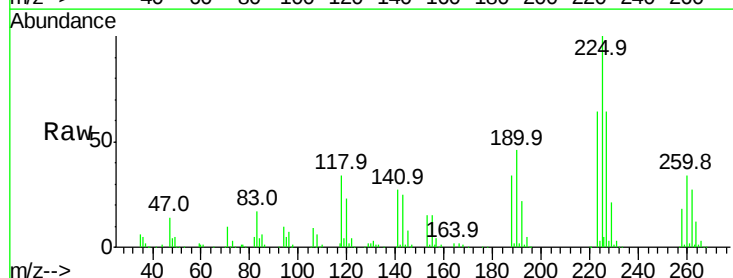


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

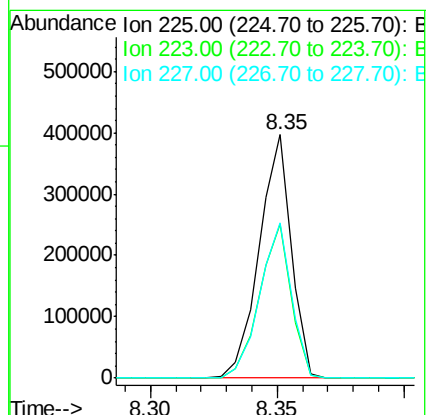
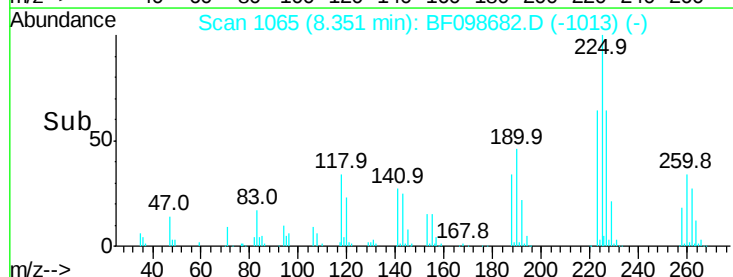


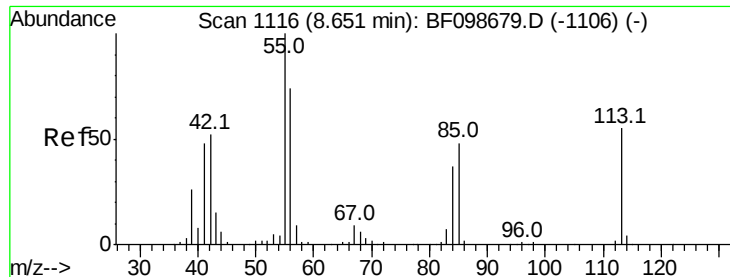
#34
Hexachlorobutadiene
Concen: 74.150 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:	225	Resp:	347334
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.6	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

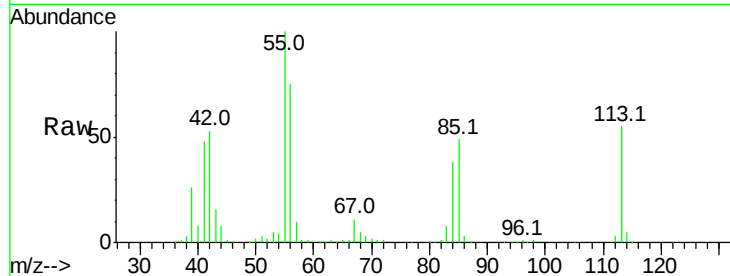




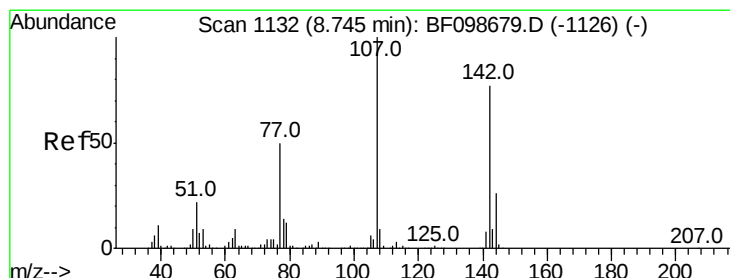
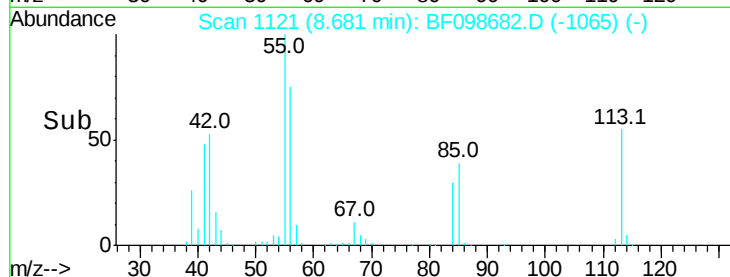
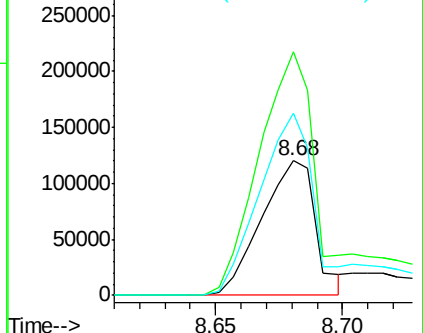
#35
 Caprolactam
 Concen: 61.778 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.03 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 178885
 Ion Ratio Lower Upper
 113 100
 55 181.3 163.3 203.3
 56 135.3 115.7 155.7

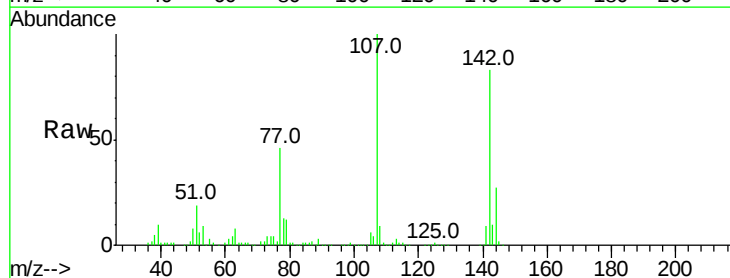


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

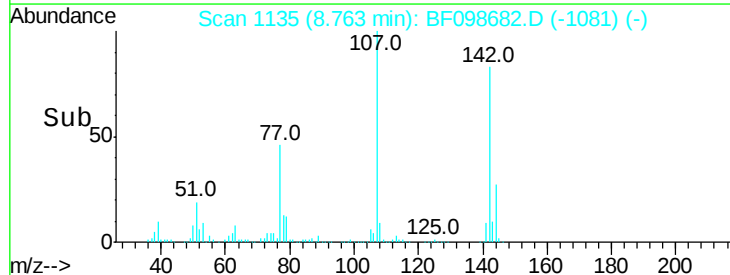
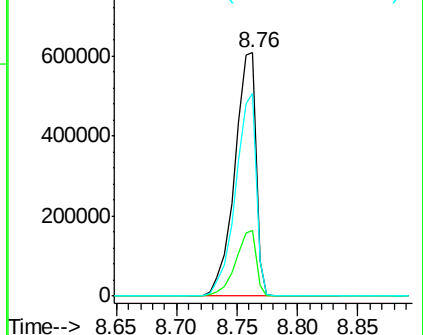


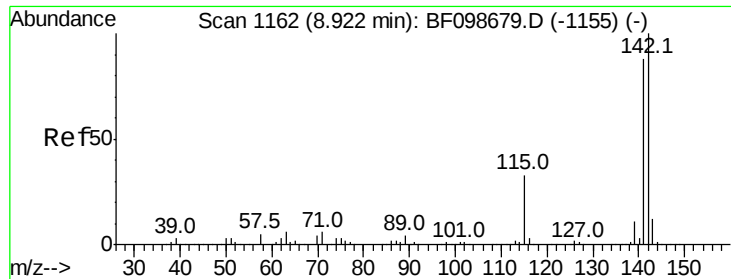
#36
 4-Chloro-3-methylphenol
 Concen: 73.026 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.02 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:107 Resp: 754011
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 83.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

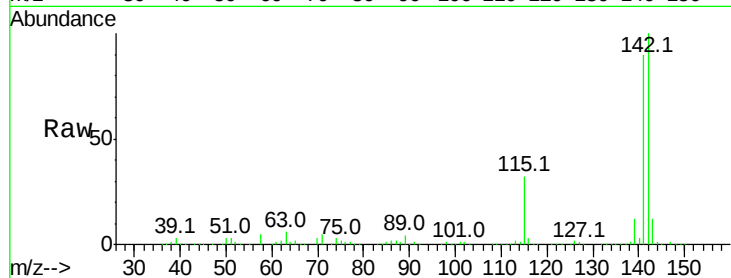




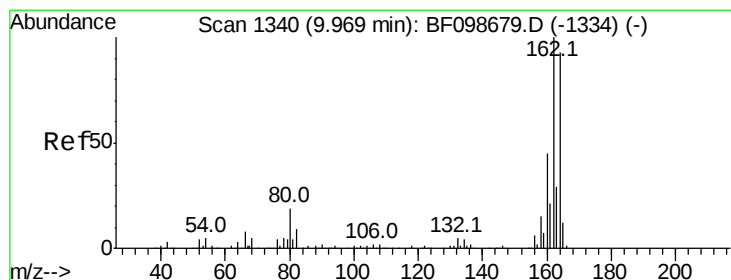
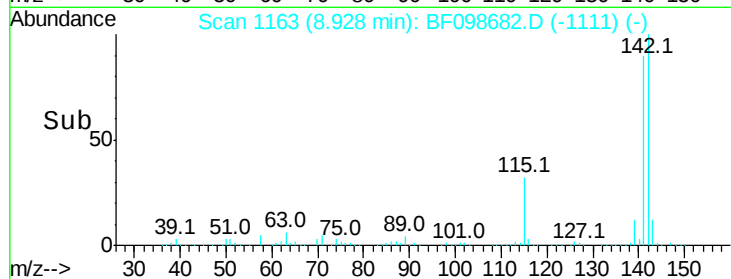
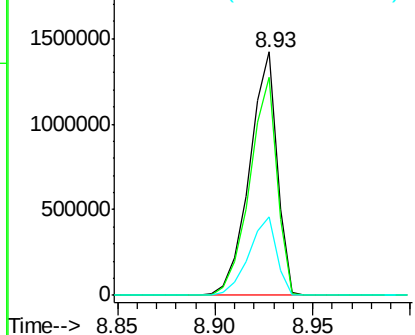
#37
 2-Methylnaphthalene
 Concen: 72.180 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1390568
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 32.1 26.1 39.1

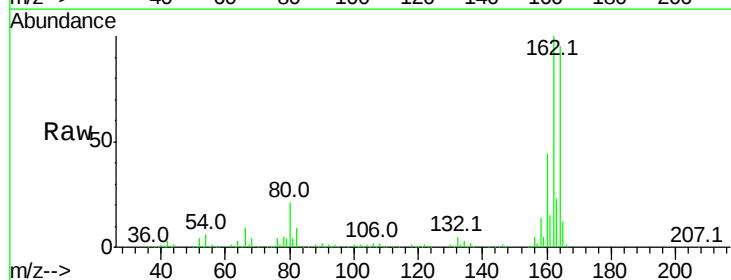


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

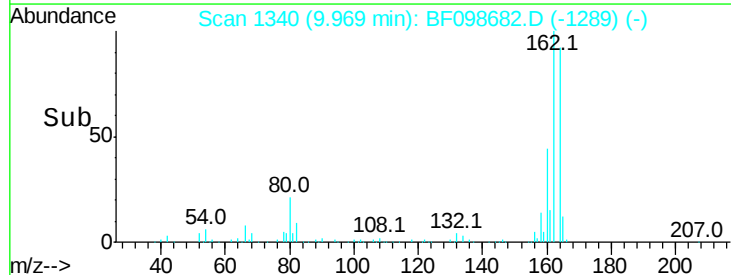
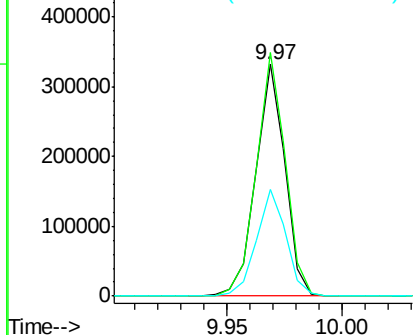


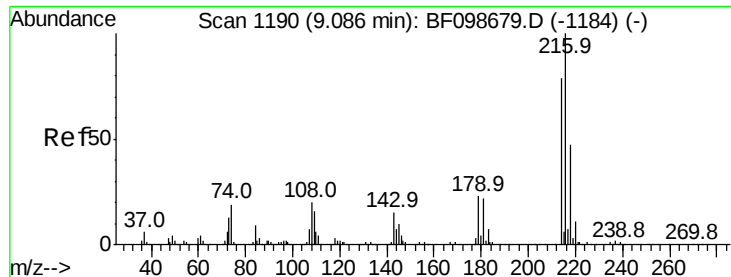
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:164 Resp: 290904
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.9 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

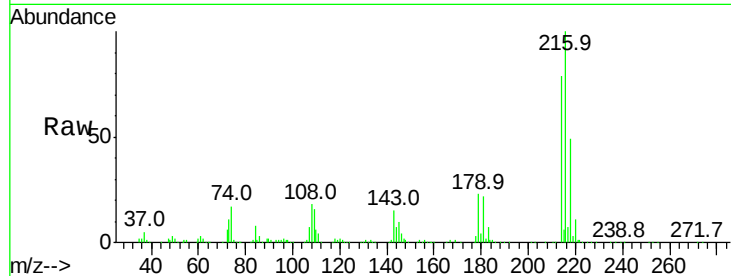




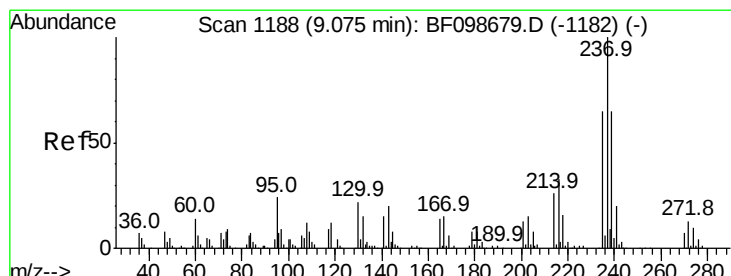
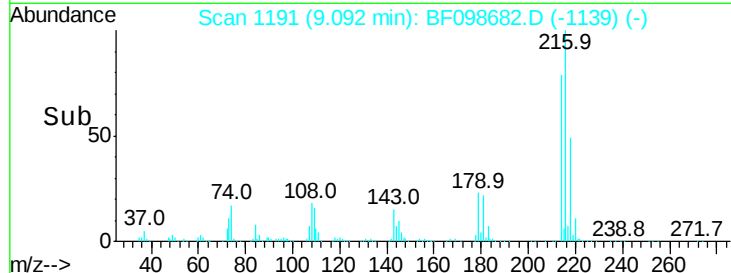
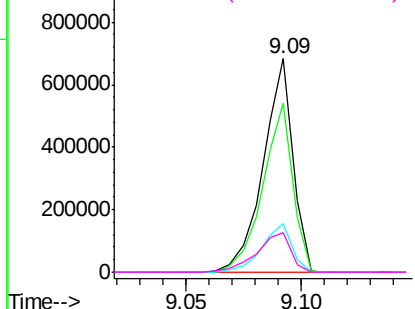
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 67.884 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	612411
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.9	18.1	27.1
108	21.3	17.2	25.8

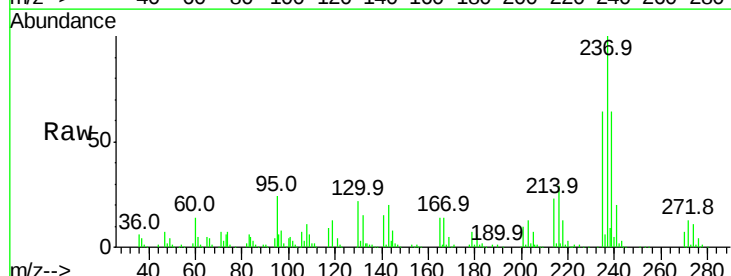


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

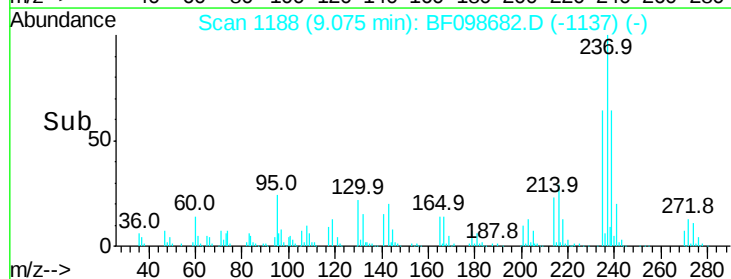
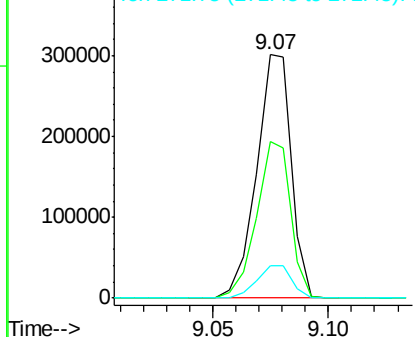


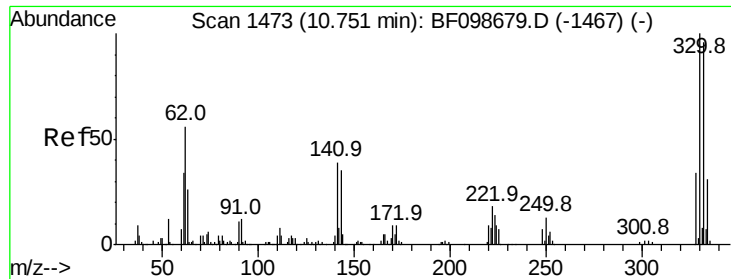
#40
 Hexachlorocyclopentadiene
 Concen: 135.596 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:	237	Resp:	314875
Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.8	84.8
272	13.4	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

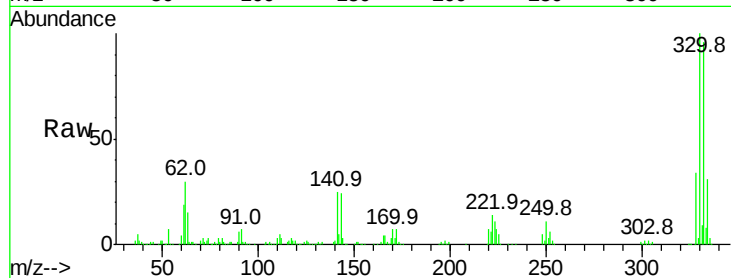




#41
 2,4,6-Tribromophenol
 Concen: 204.616 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.9	29.9	44.9

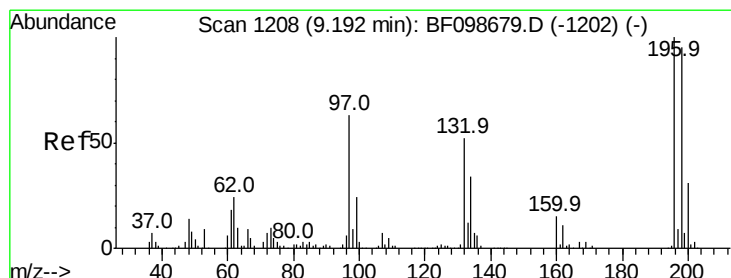
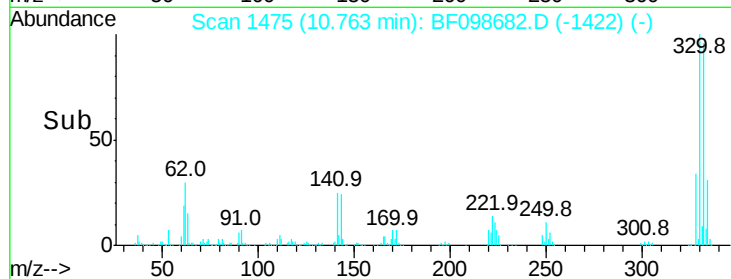
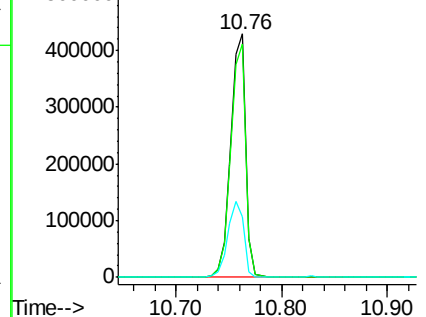


Abundance

Ion 329.80 (329.50 to 330.50): E

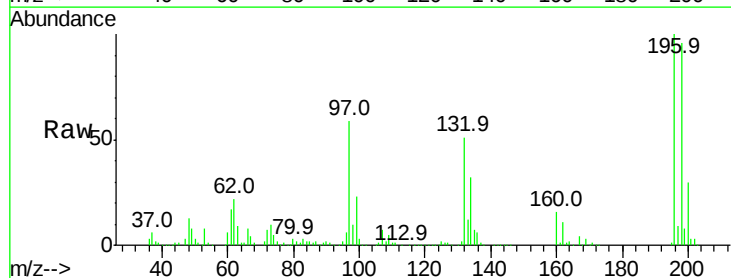
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 85.873 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.4	24.5	36.7

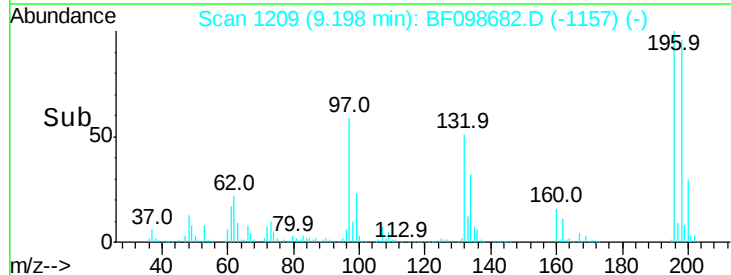
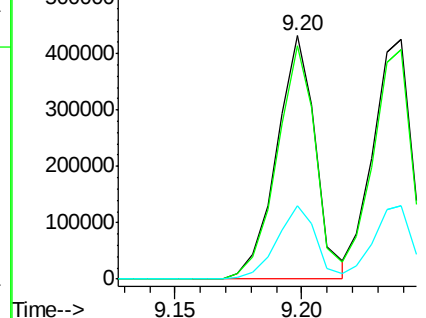


Abundance

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

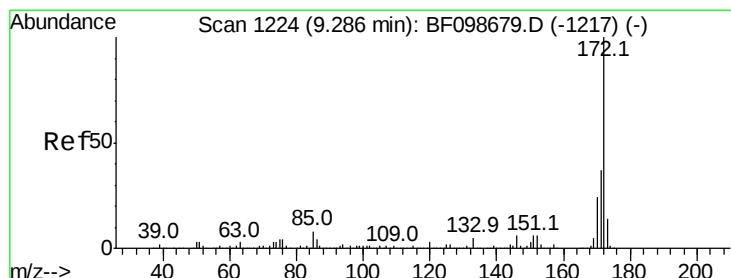
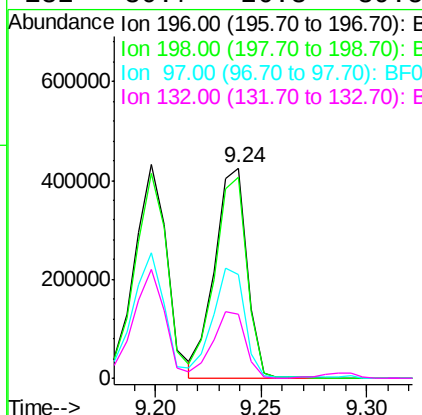
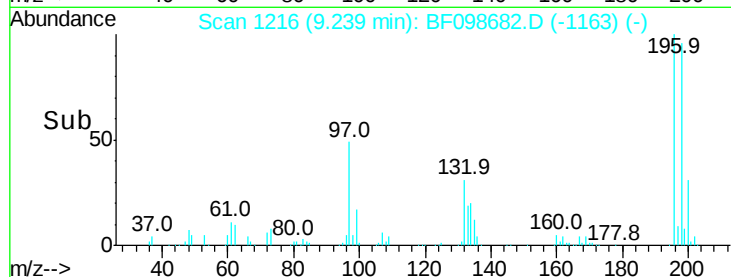
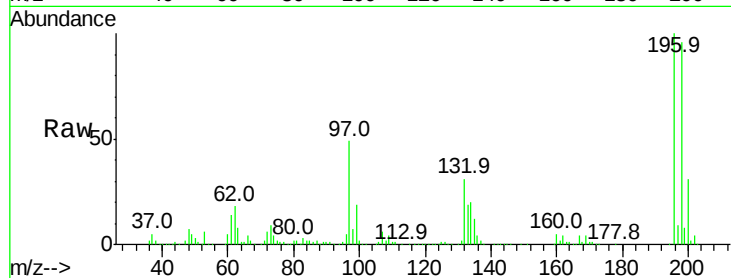




#43
 2,4,5-Trichlorophenol
 Concen: 80.379 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

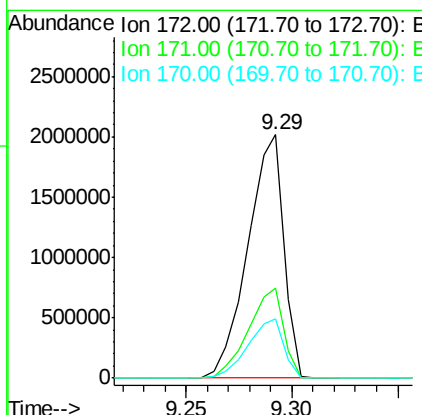
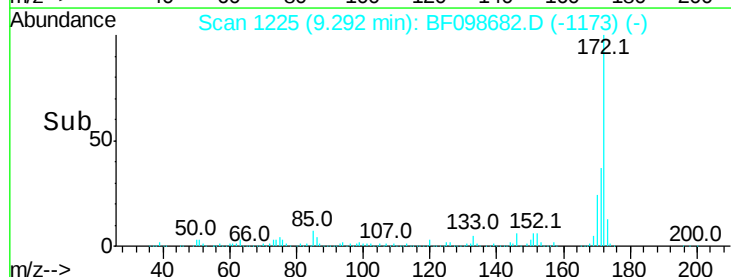
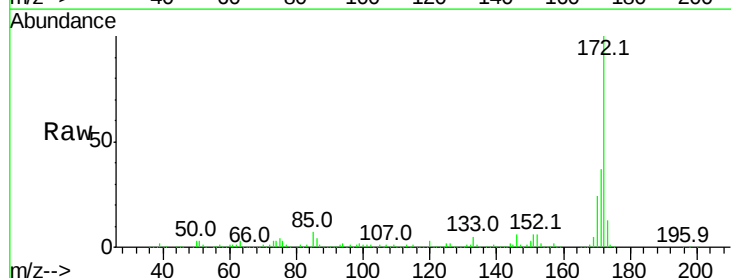
Instrument :
 BNA_F
 ClientSampled :

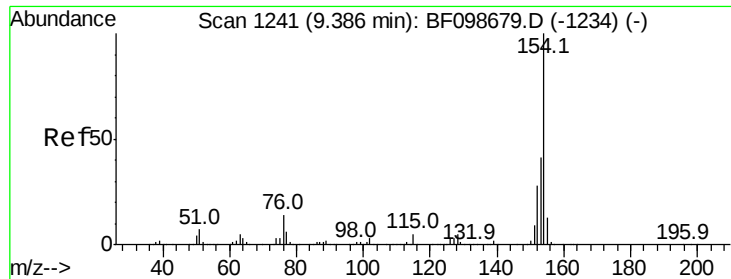
Tot Ion:	196	Resp:	451542
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	49.5	42.9	64.3
132	30.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 138.134 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:	172	Resp:	2380723
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 66.638 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

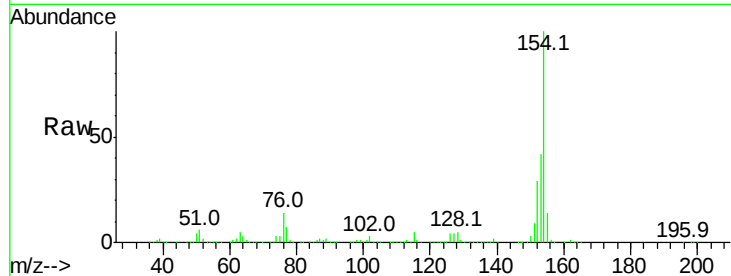
Tot Ion:154 Resp: 1729998

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

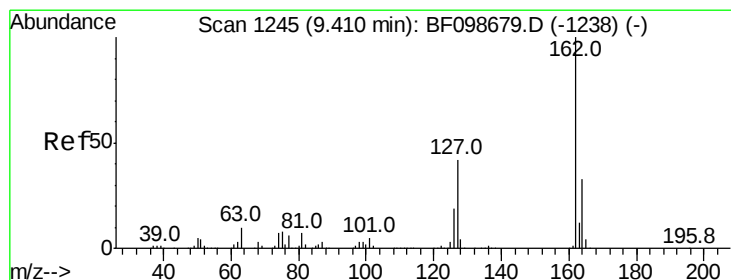
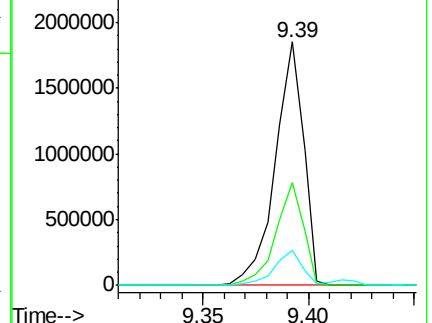
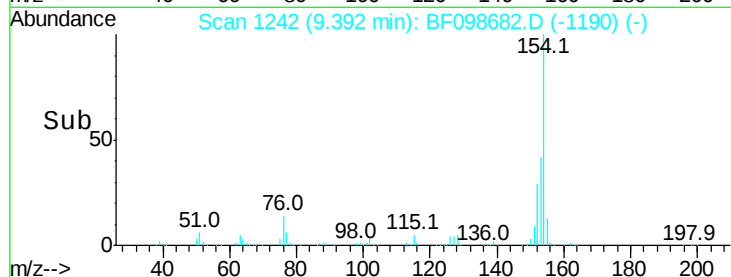
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 72.042 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

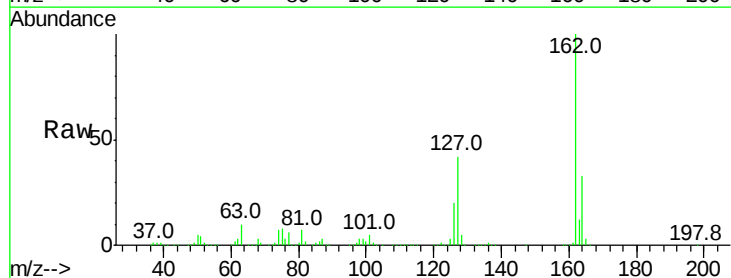
Tgt Ion:162 Resp: 1343582

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

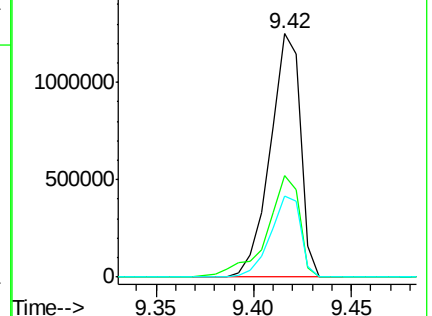
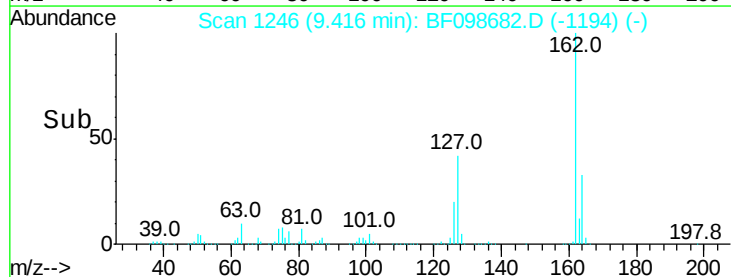
164 33.3 26.5 39.7



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

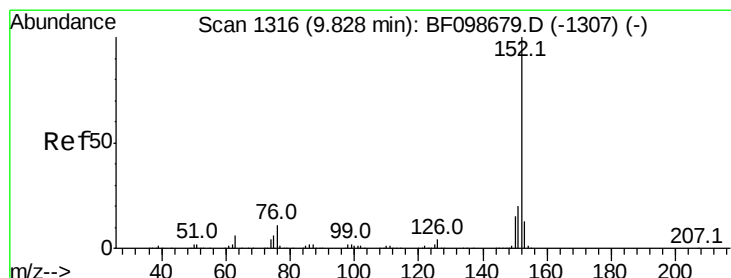
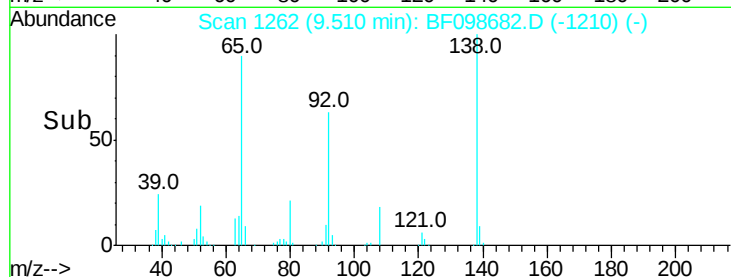
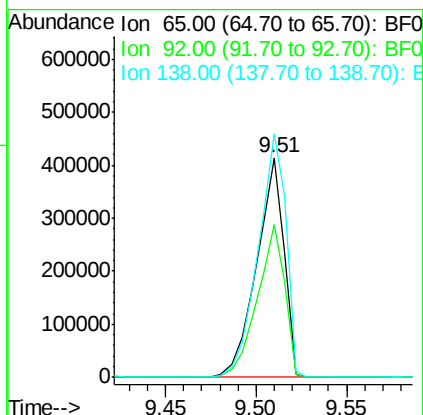
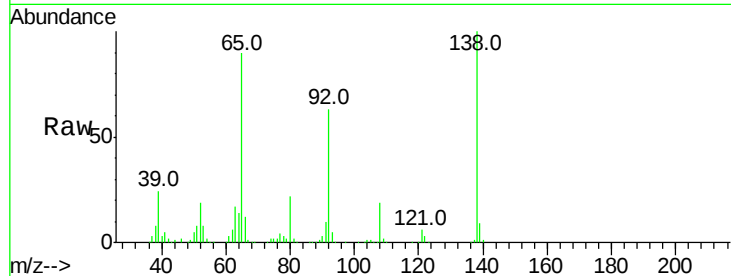




#47
2-Nitroaniline
Concen: 63.182 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

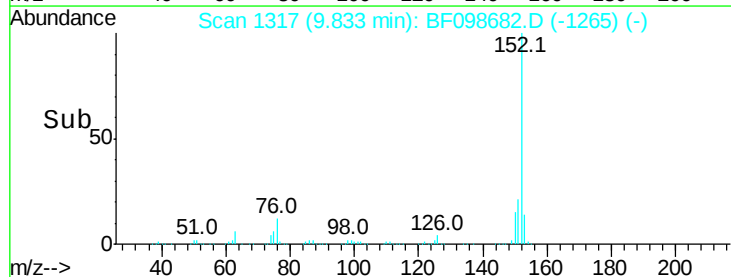
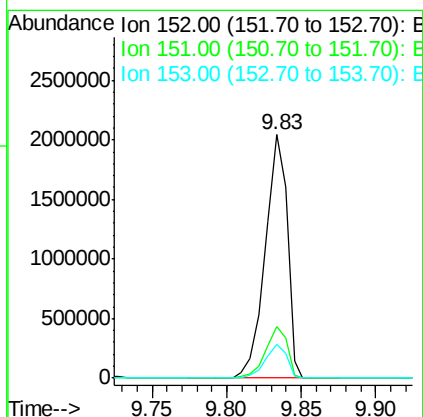
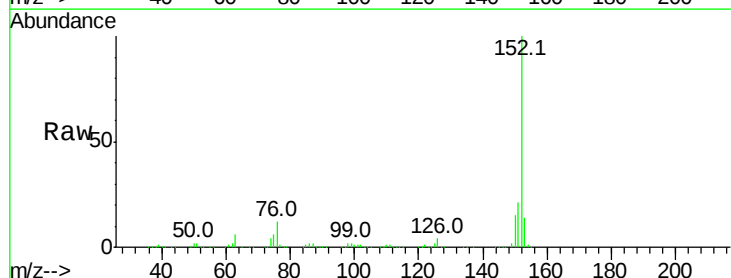
Instrument :
BNA_F
ClientSampleId :

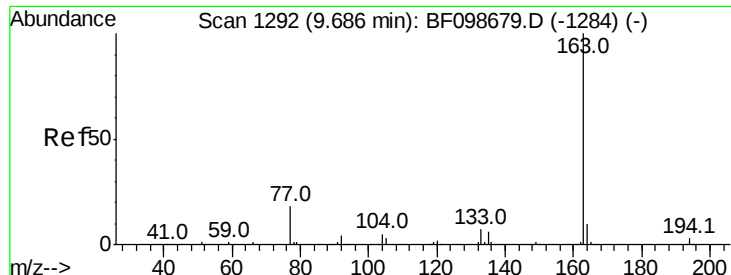
Tot Ion: 65 Resp: 434461
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 110.7 91.2 136.8



#48
Acenaphthylene
Concen: 73.965 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion: 152 Resp: 2068017
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.8 10.7 16.1

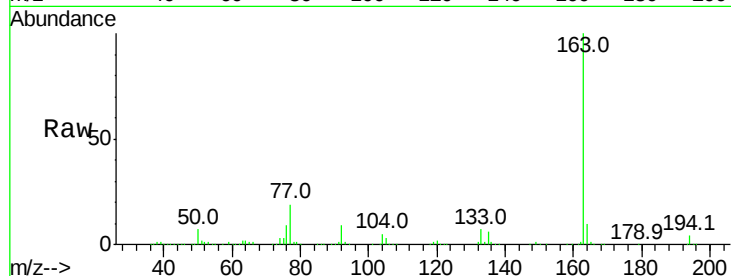




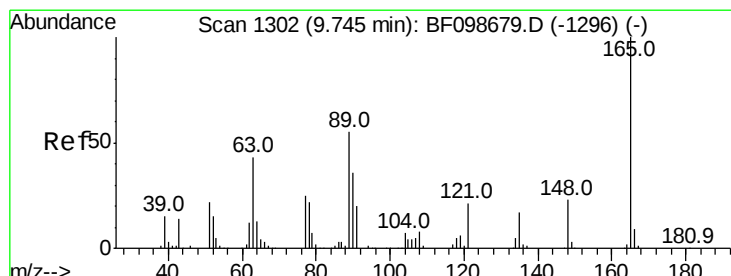
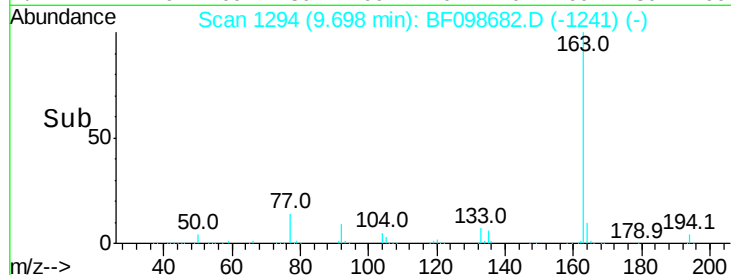
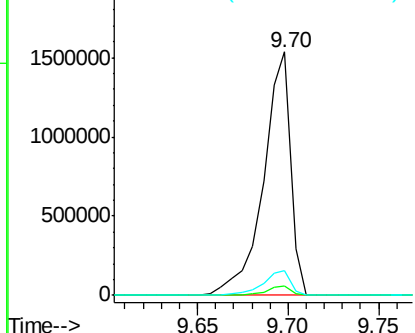
#49
Dimethylphthalate
Concen: 70.926 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1594255
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

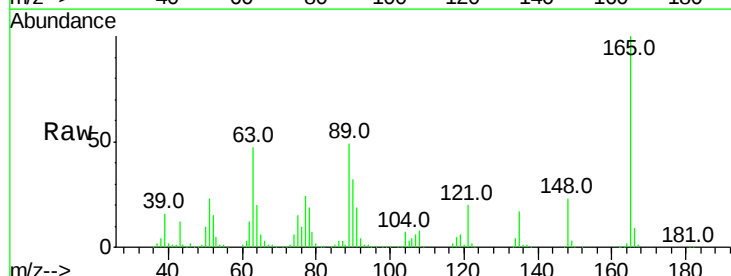


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

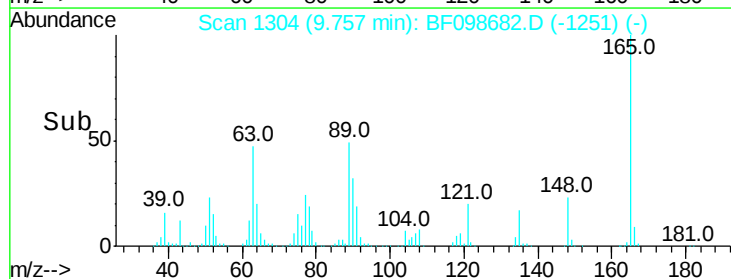
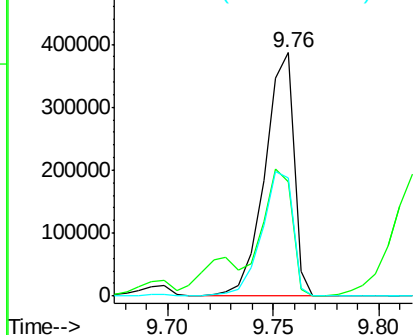


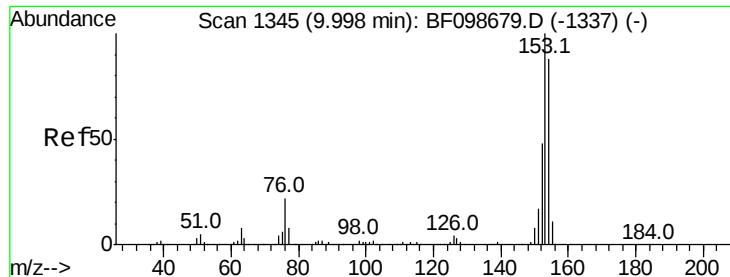
#50
2,6-Dinitrotoluene
Concen: 80.407 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:165 Resp: 370734
Ion Ratio Lower Upper
165 100
63 47.2 44.7 67.1
89 48.7 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: 73.369 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

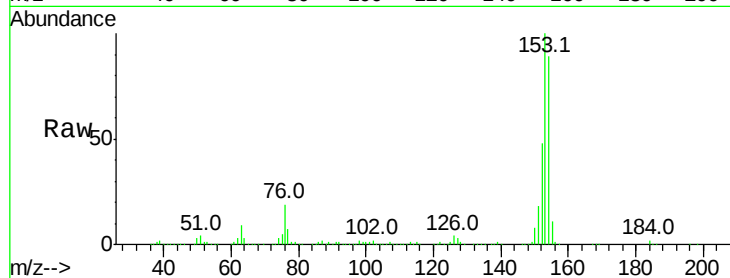
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1298157

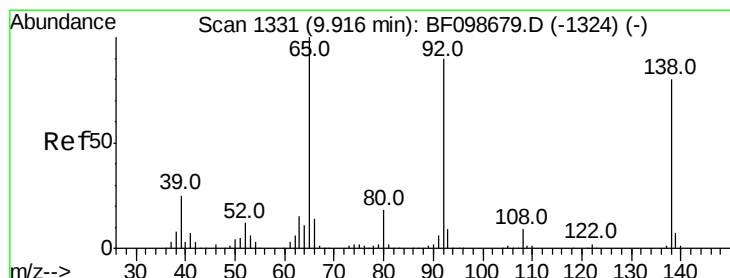
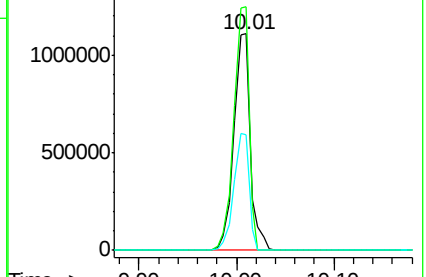
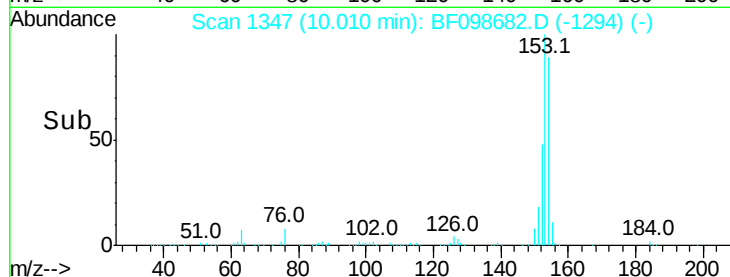
Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	53.8	43.8	65.8



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: 76.910 ng

RT: 9.93 min Scan# 1333

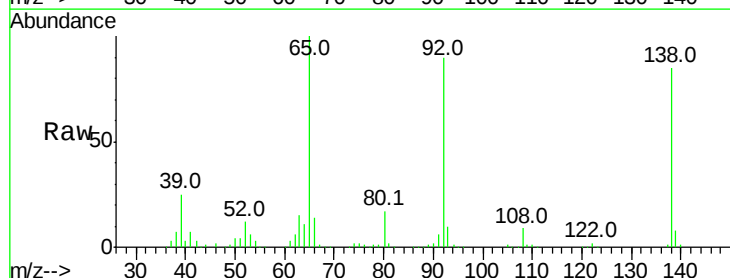
Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:138 Resp: 426990

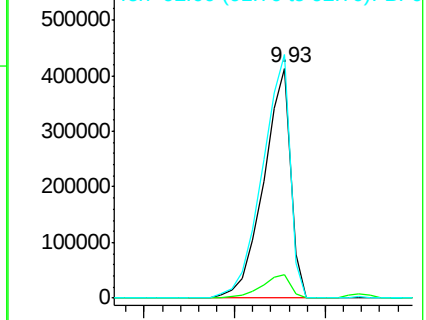
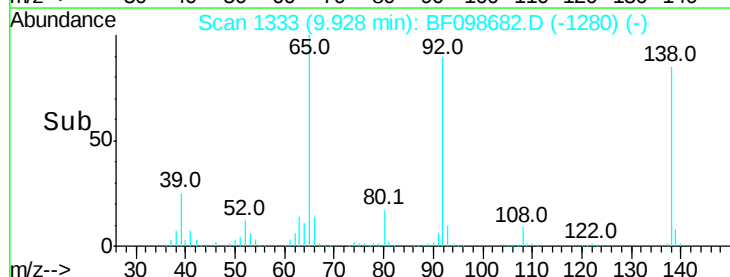
Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	105.8	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

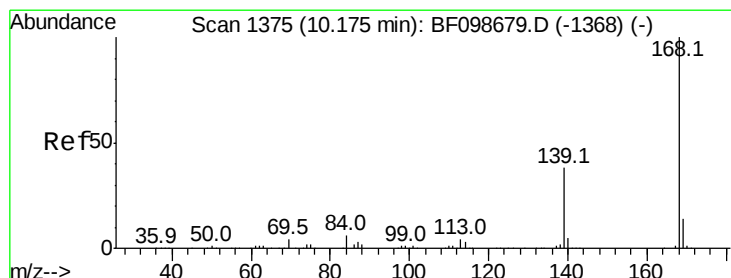
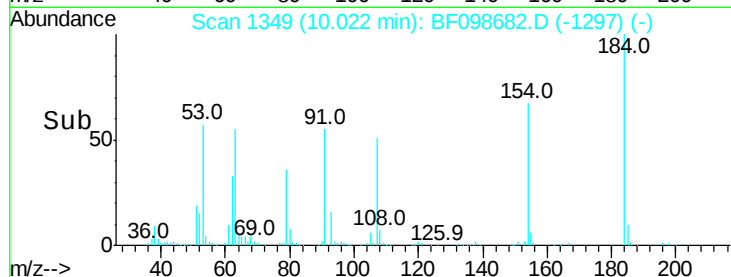
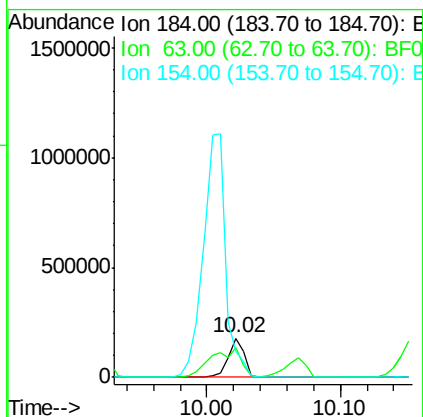
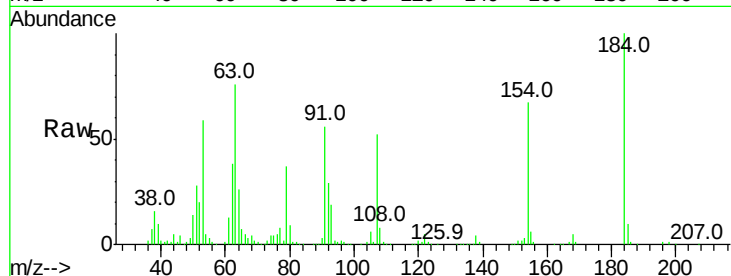




#53
 2,4-Dinitrophenol
 Concen: 89.811 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

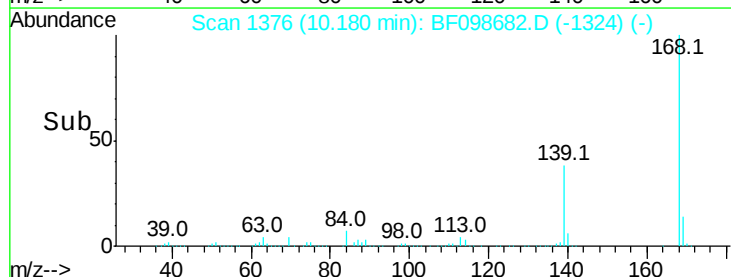
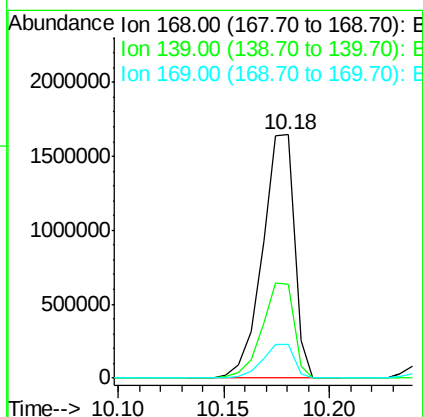
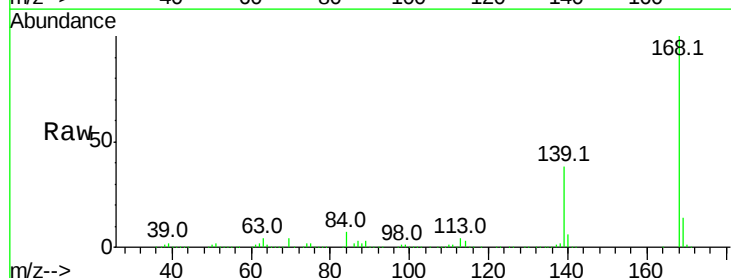
Instrument :
 BNA_F
 ClientSampled :

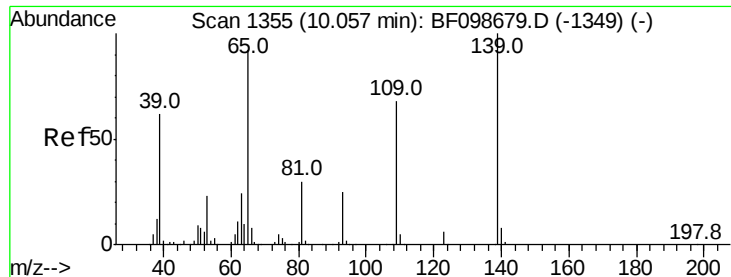
Tot Ion:184 Resp: 150423
 Ion Ratio Lower Upper
 184 100
 63 75.8 54.2 81.2
 154 67.3 53.5 80.3



#54
 Dibenzofuran
 Concen: 73.683 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:168 Resp: 1726488
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.8 10.9 16.3

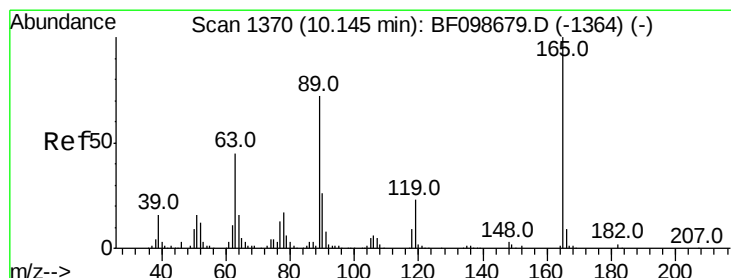
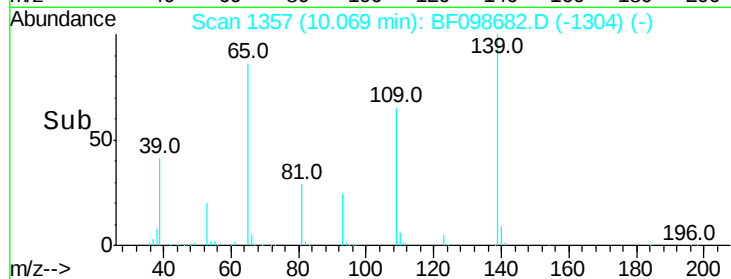
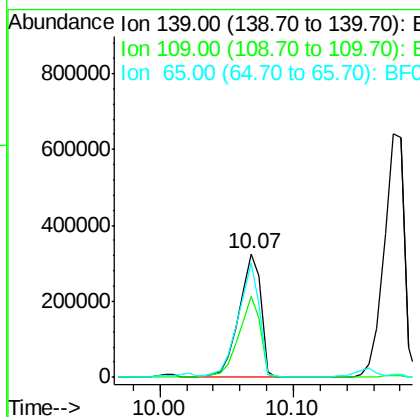
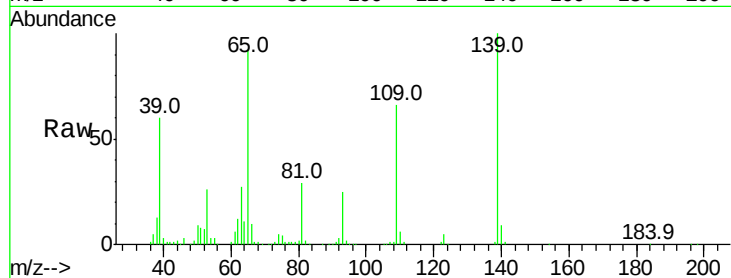




#55
4-Nitrophenol
Concen: 108.848 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

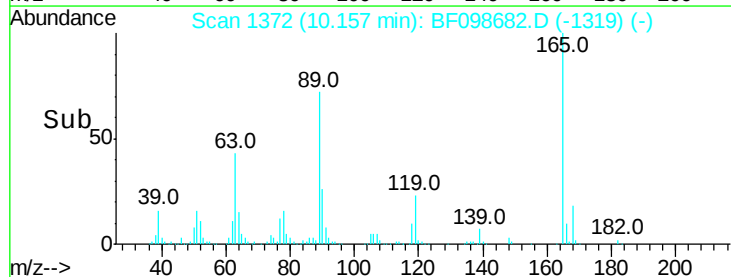
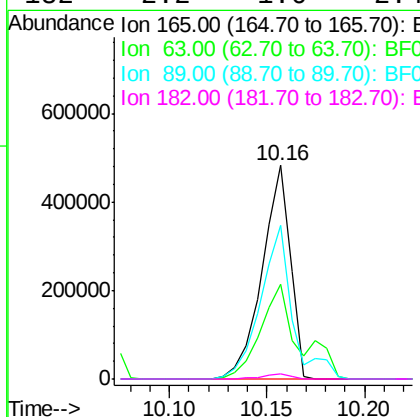
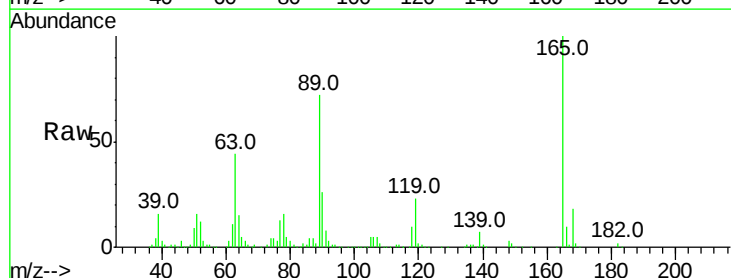
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 372401
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 92.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 84.974 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:165 Resp: 482669
Ion Ratio Lower Upper
165 100
63 44.4 36.4 54.6
89 71.8 57.8 86.6
182 2.2 1.6 2.4

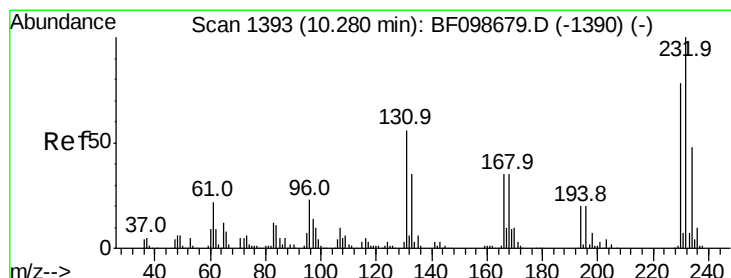
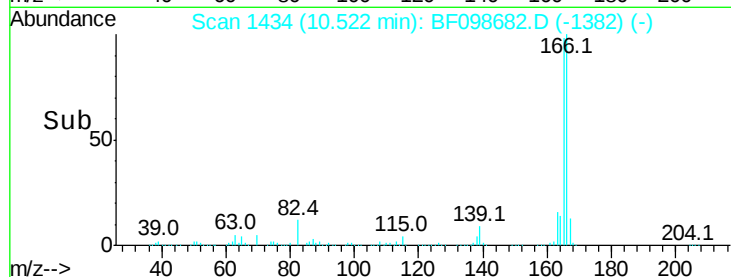
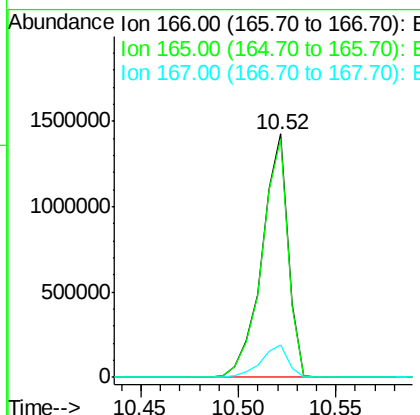
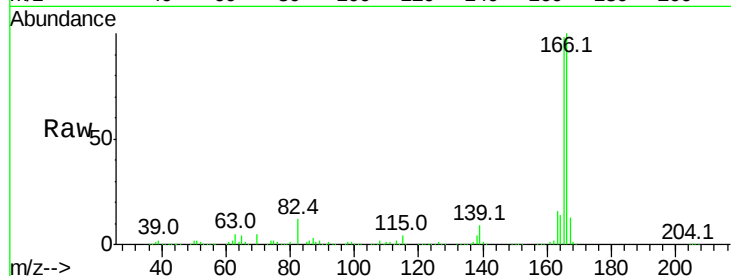




#57
 Fluorene
 Concen: 68.367 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

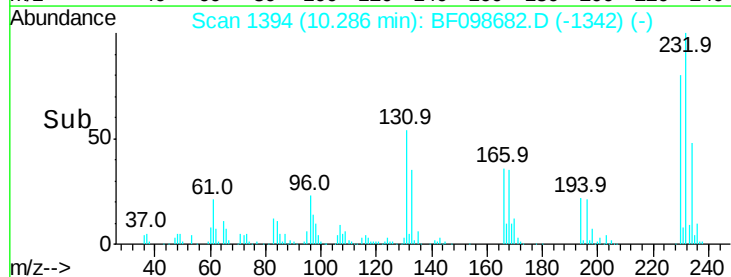
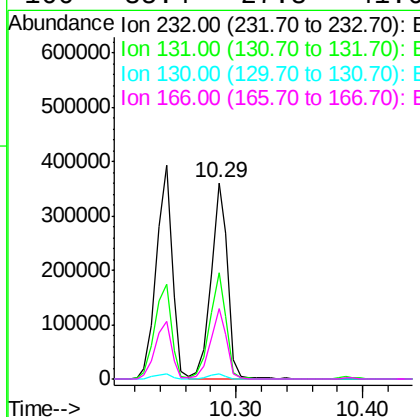
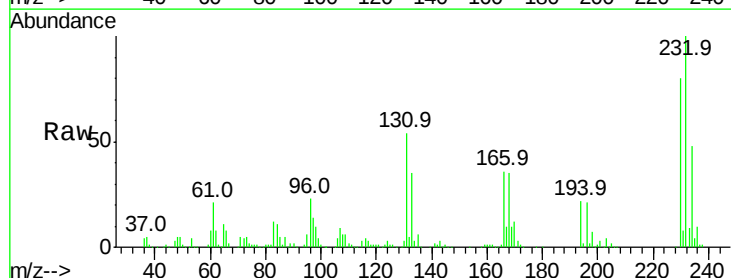
Instrument :
 BNA_F
 ClientSampleId :

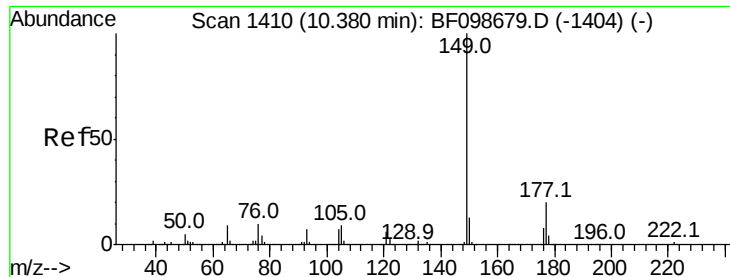
Tot Ion:166 Resp: 1320612
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 86.916 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:232 Resp: 331142
 Ion Ratio Lower Upper
 232 100
 131 53.0 43.8 65.8
 130 2.6 2.1 3.1
 166 35.4 27.8 41.6

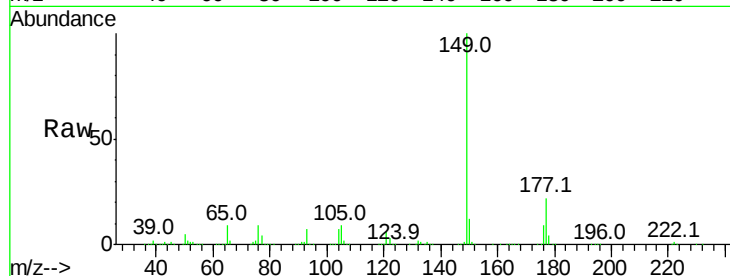




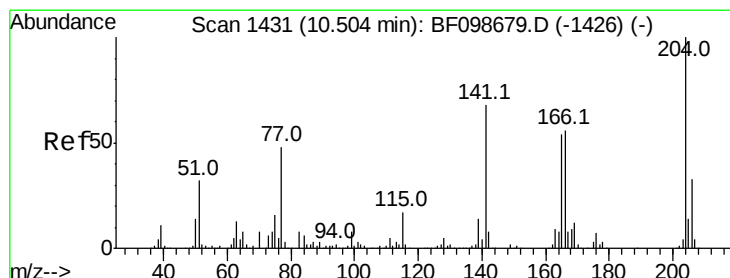
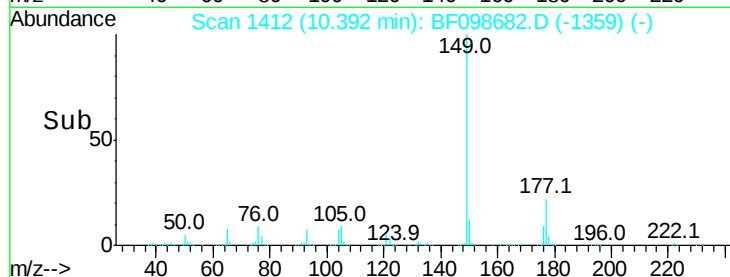
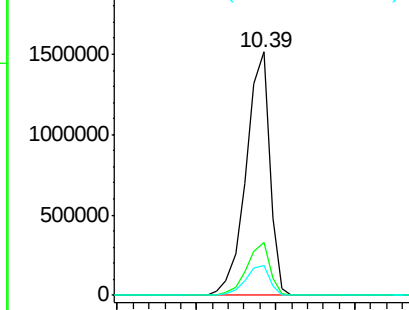
#59
Diethylphthalate
Concen: 72.688 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1563034
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.2 10.1 15.1

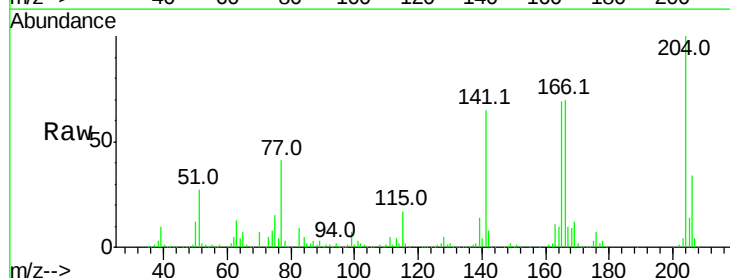


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

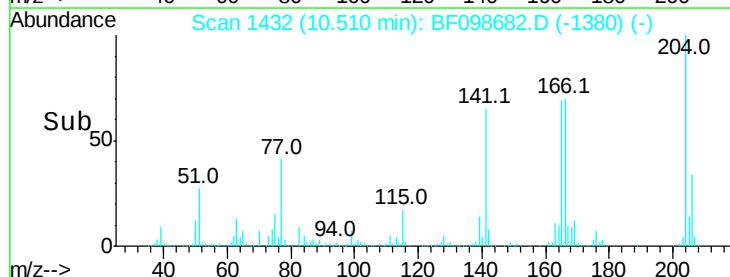
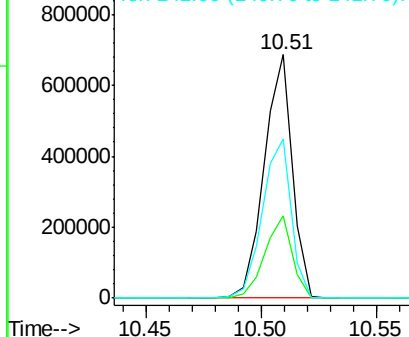


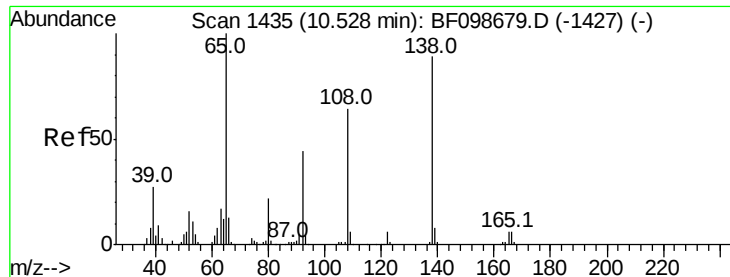
#60
4-Chlorophenyl-phenylether
Concen: 65.729 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:204 Resp: 582008
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 65.2 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

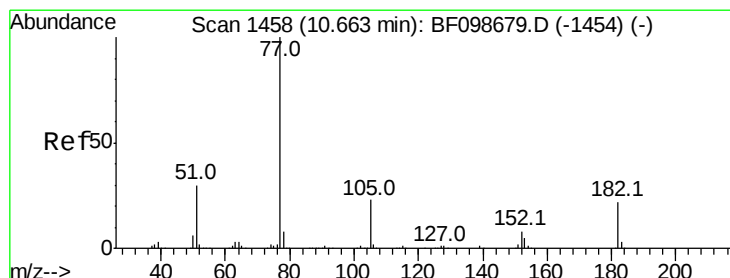
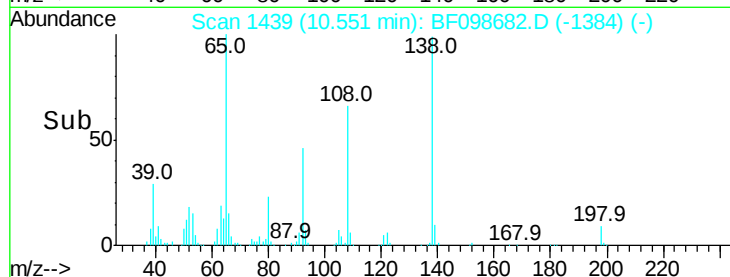
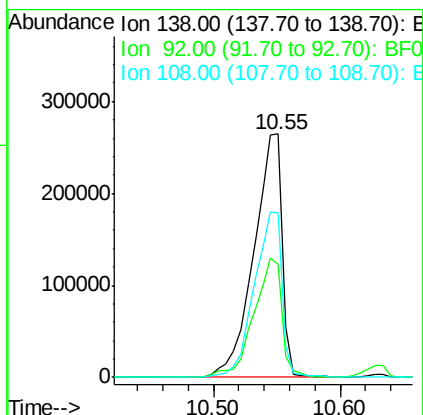
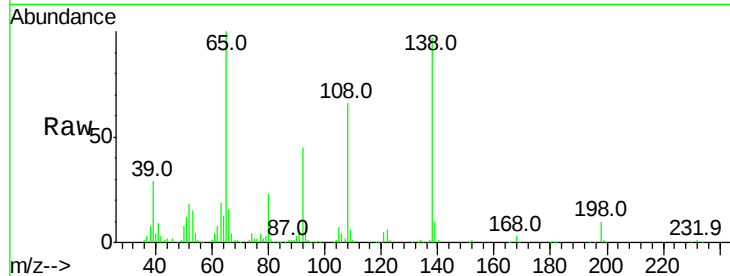




#61
4-Nitroaniline
Concen: 73.707 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

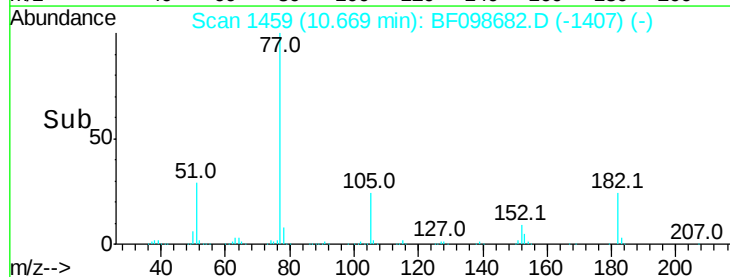
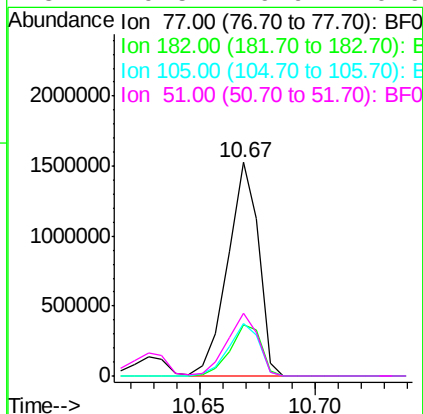
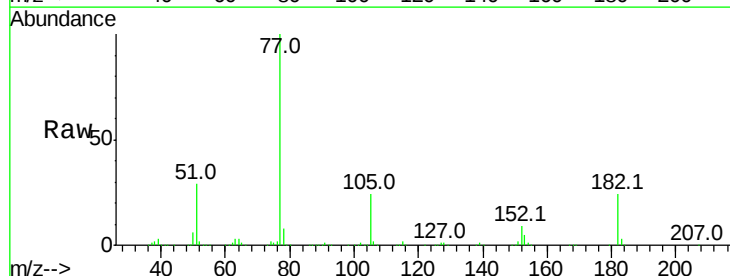
Instrument :
BNA_F
ClientSampled :

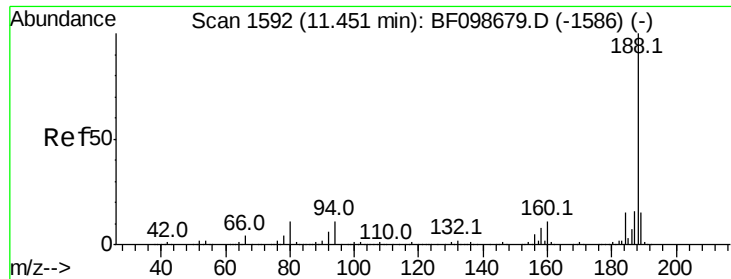
Tot Ion:138 Resp: 412132
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 67.3 52.5 92.5



#62
Azobenzene
Concen: 62.259 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion: 77 Resp: 1413387
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 24.4 3.0 43.0
51 29.5 9.9 49.9

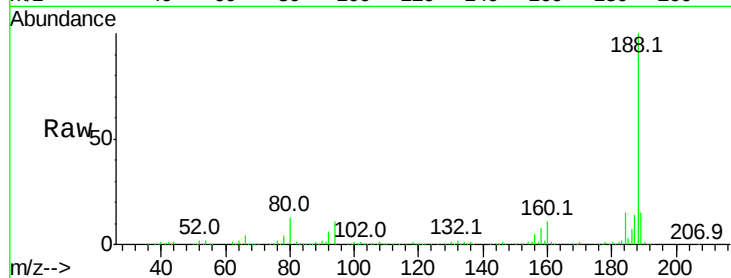




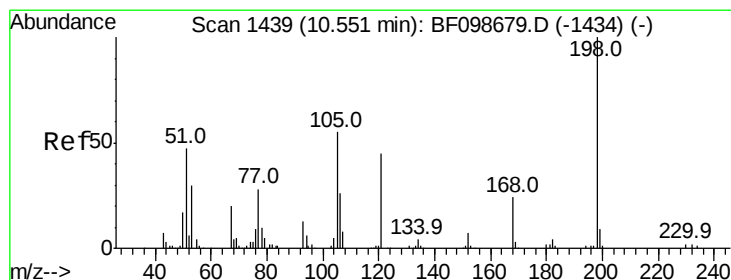
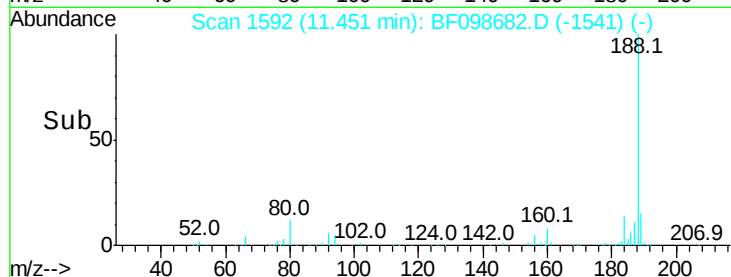
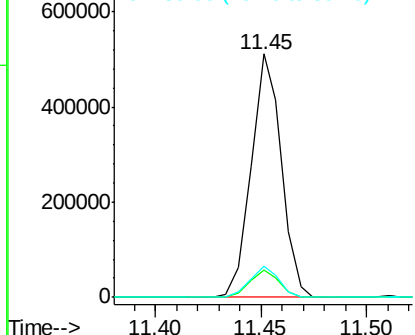
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.8	9.2	13.8

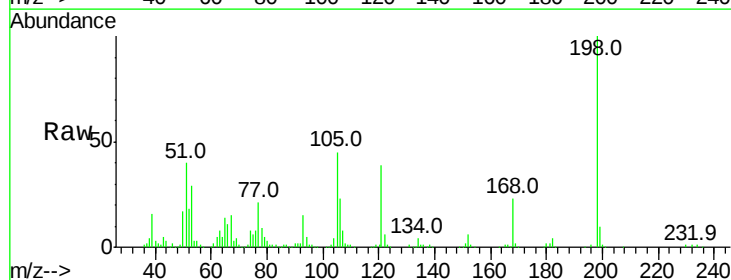


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

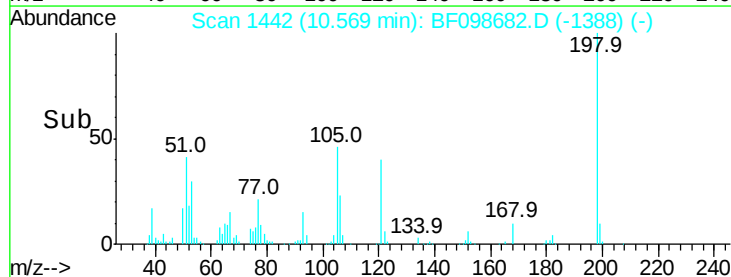
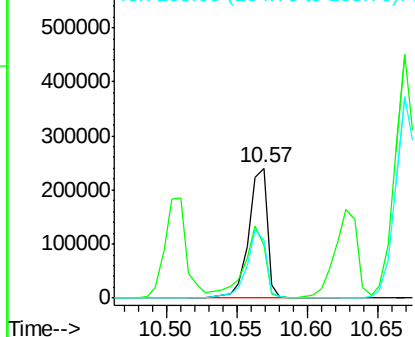


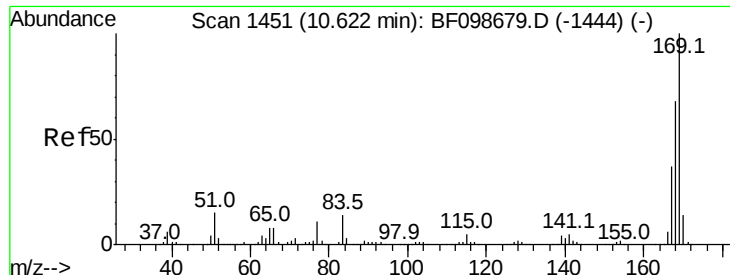
#64
 4,6-Dinitro-2-methylphenol
 Concen: 81.288 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.3	37.7	77.7
105	44.5	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

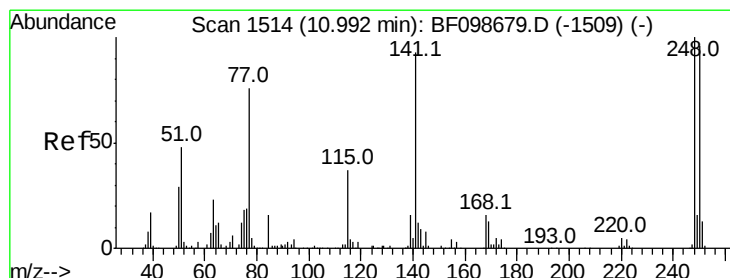
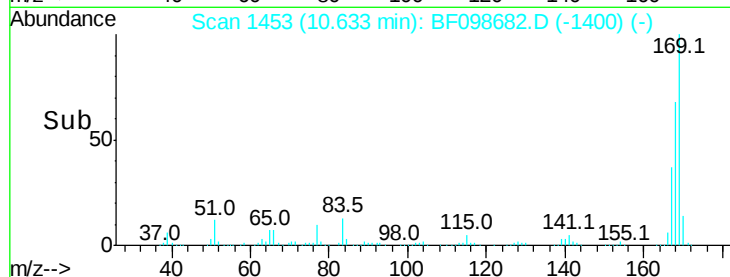
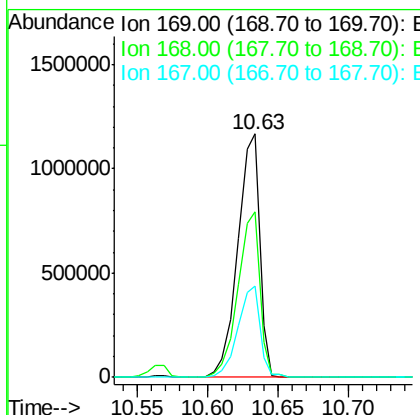
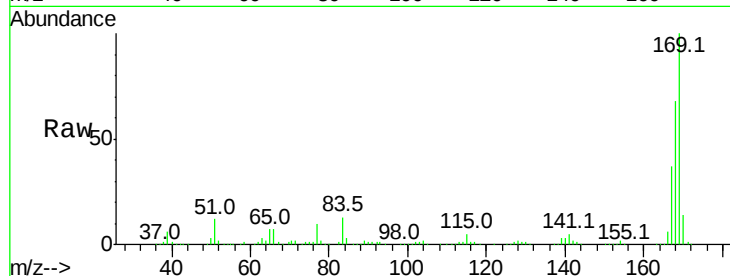




#65
 n-Nitrosodiphenylamine
 Concen: 76.427 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

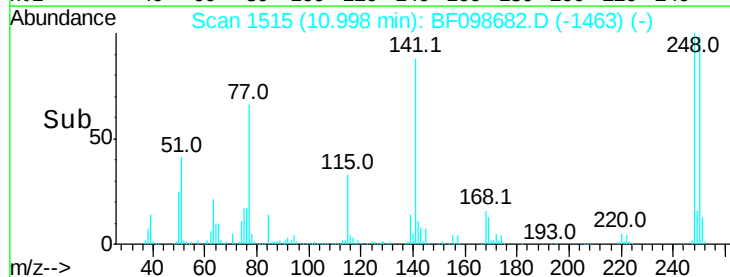
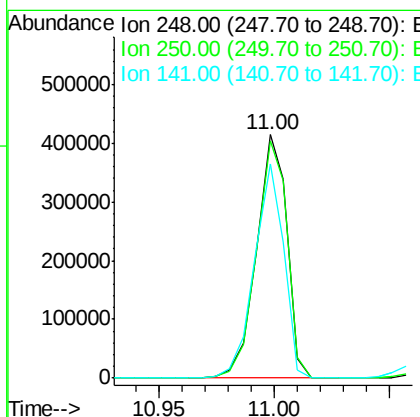
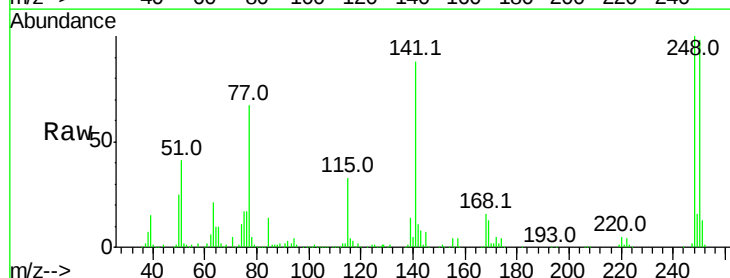
Instrument :
 BNA_F
 ClientSampleId :

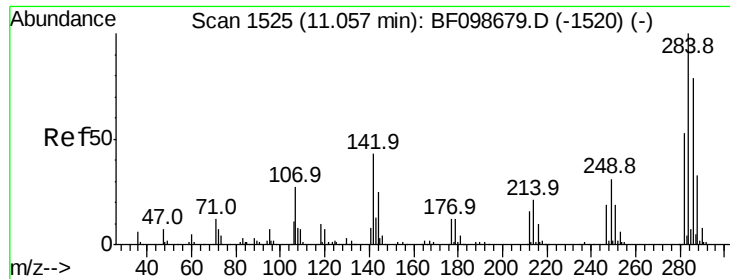
Tot Ion:169 Resp: 1266661
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 78.505 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:248 Resp: 380621
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 87.9 74.4 111.6

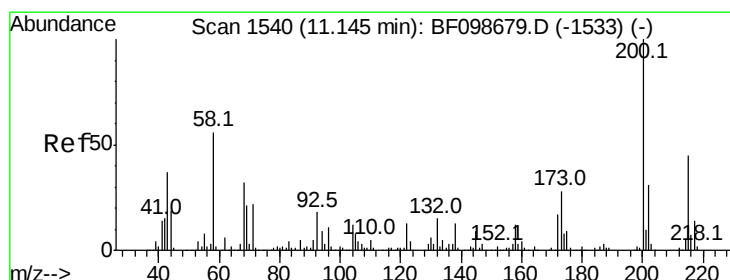
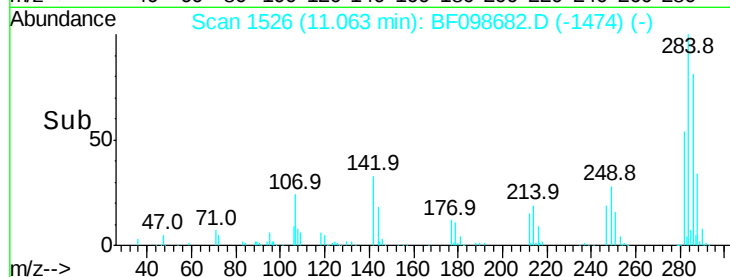
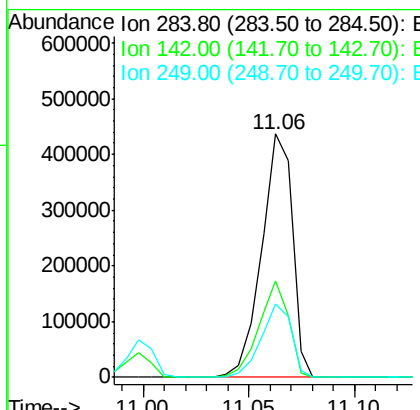
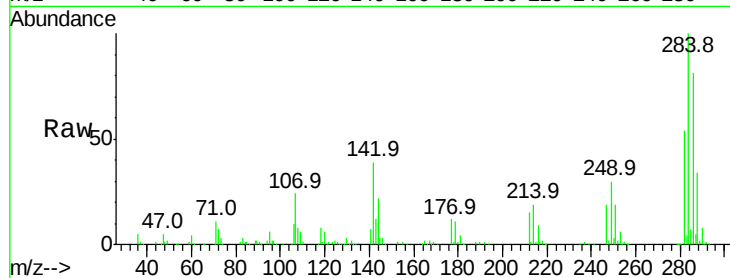




#67
Hexachlorobenzene
Concen: 88.489 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

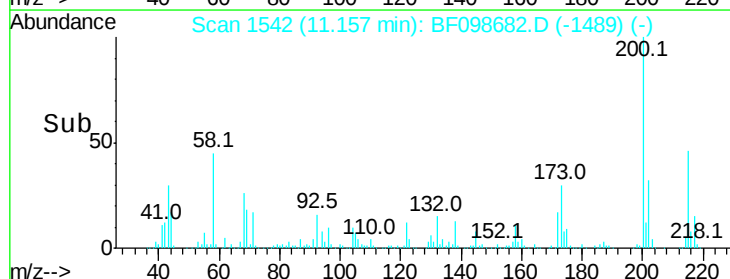
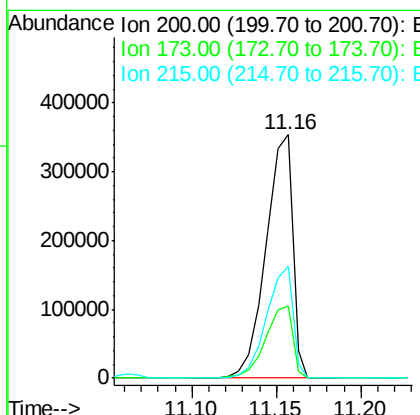
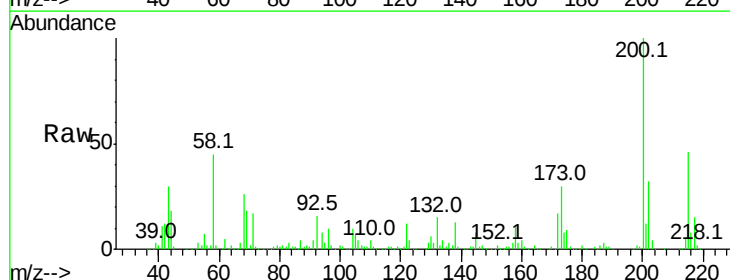
Instrument :
BNA_F
ClientSampled :

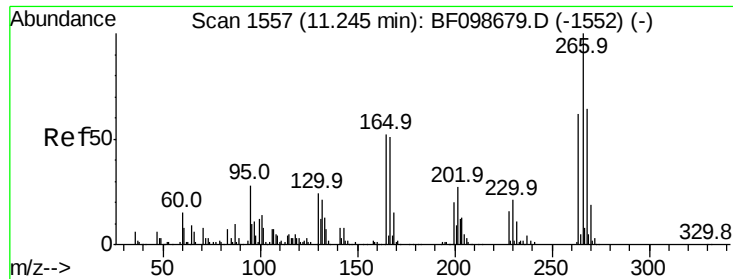
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.4	34.6	52.0
249	30.0	24.8	37.2



#68
Atrazine
Concen: 76.136 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	46.0	25.1	65.1

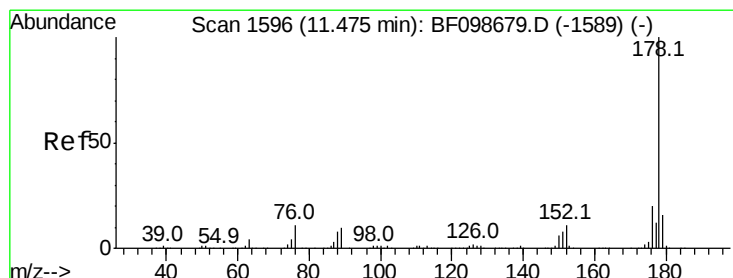
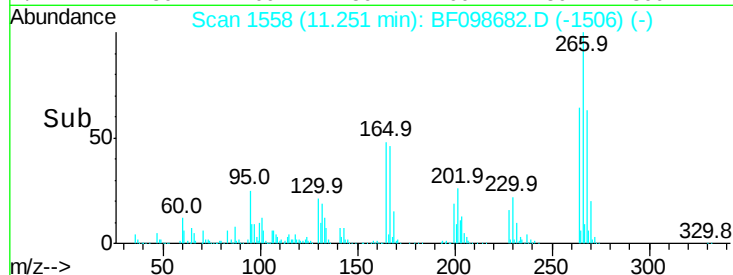
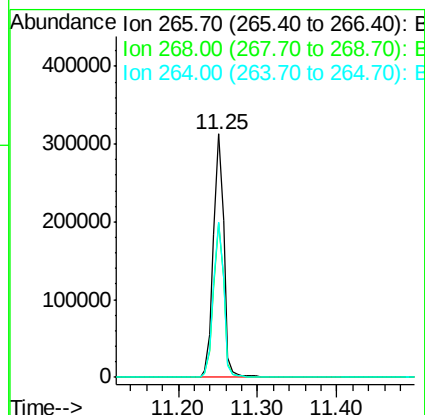
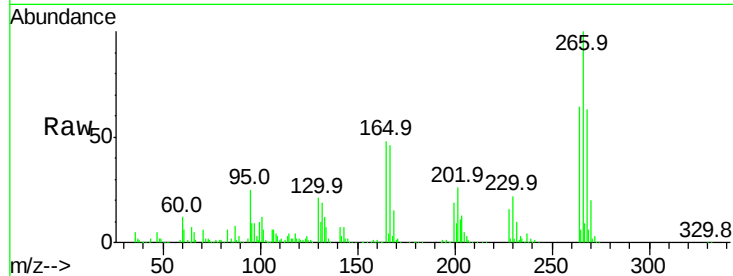




#69
 Pentachlorophenol
 Concen: 138.239 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

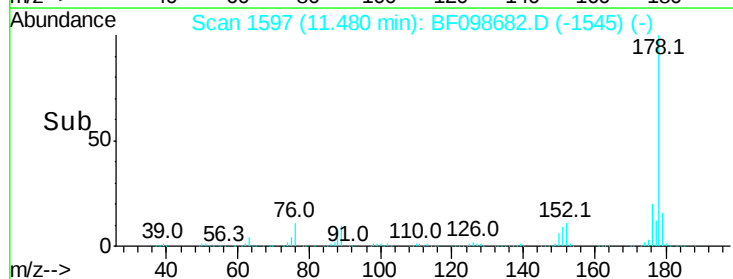
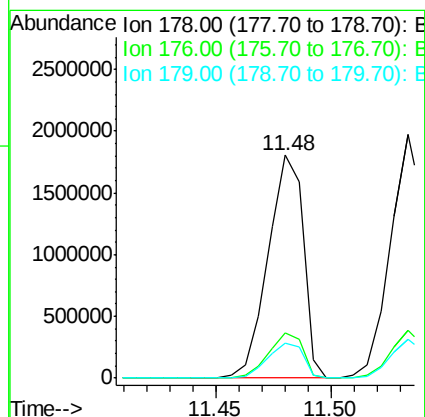
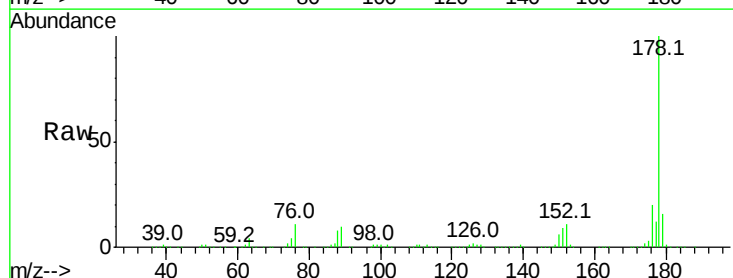
Instrument :
 BNA_F
 ClientSampleId :

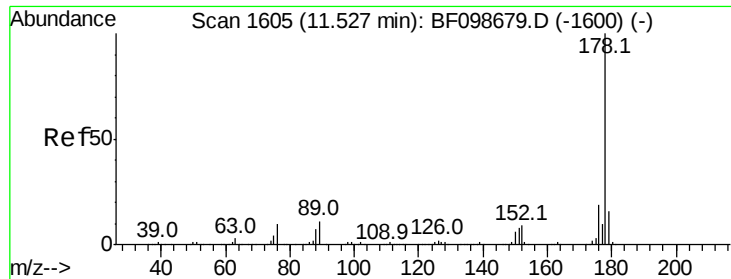
Tot Ion:266 Resp: 288233
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 70.707 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:178 Resp: 1909583
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 16.0 13.0 19.6



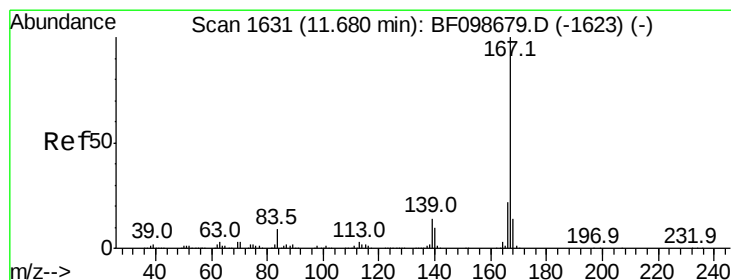
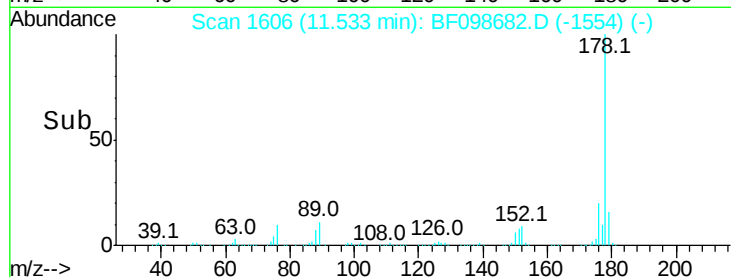
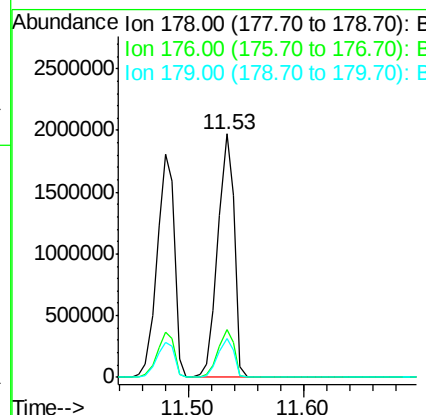
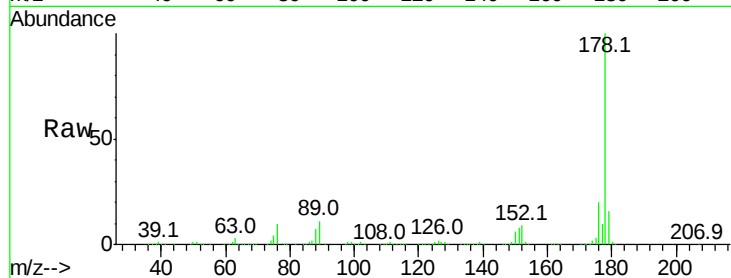


#71
 Anthracene
 Concen: 70.739 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1952654

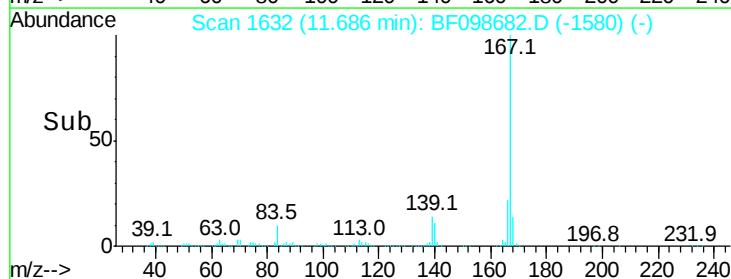
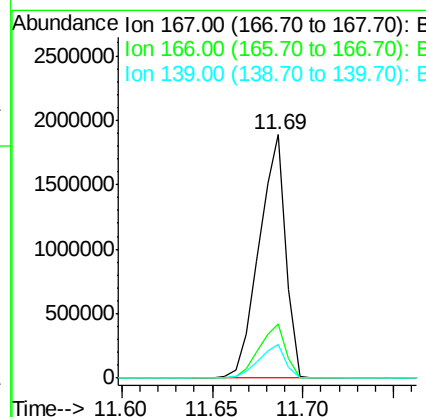
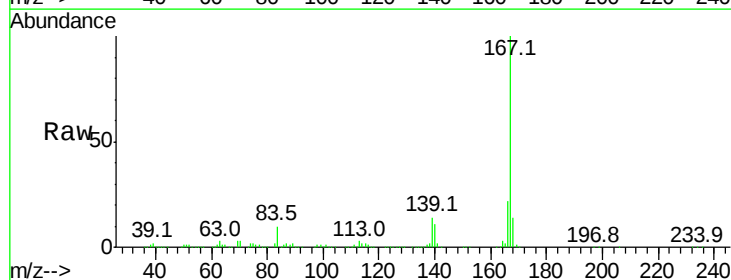
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.6	19.0

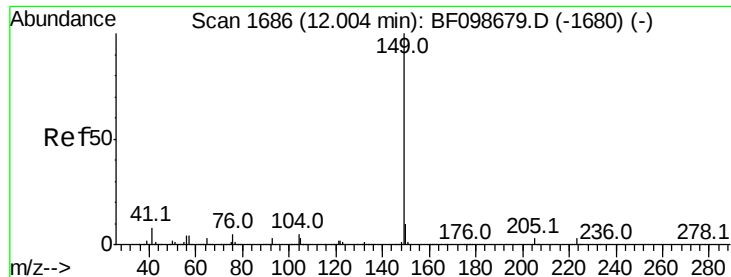


#72
 Carbazole
 Concen: 73.985 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:167 Resp: 1923494

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.0	10.9	16.3

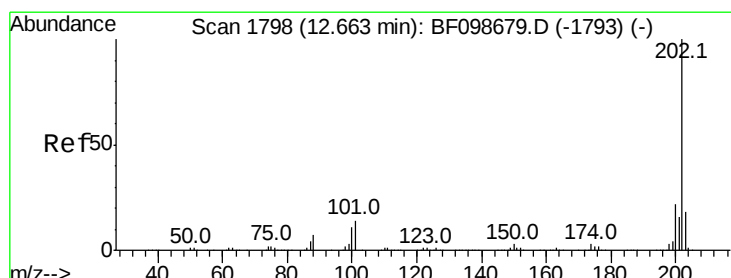
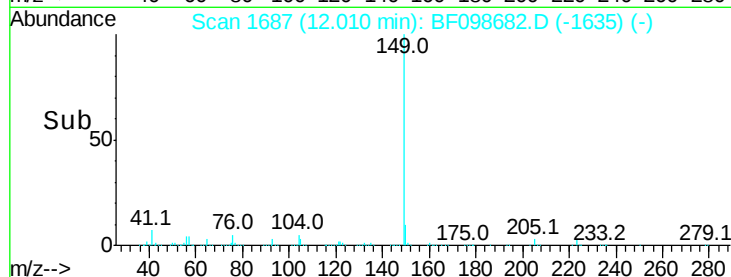
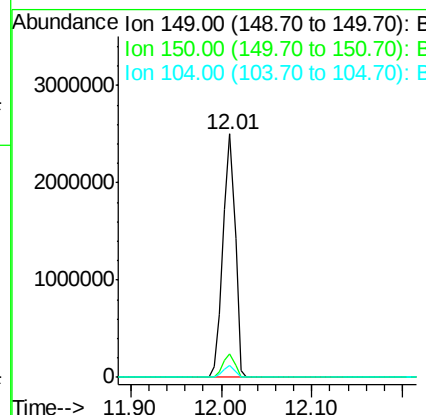
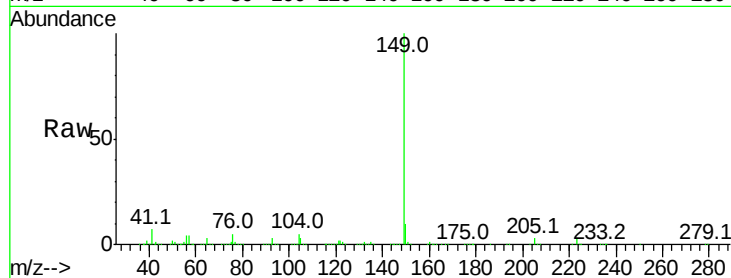




#73
Di-n-butylphthalate
Concen: 74.311 ng
RT: 12.01 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

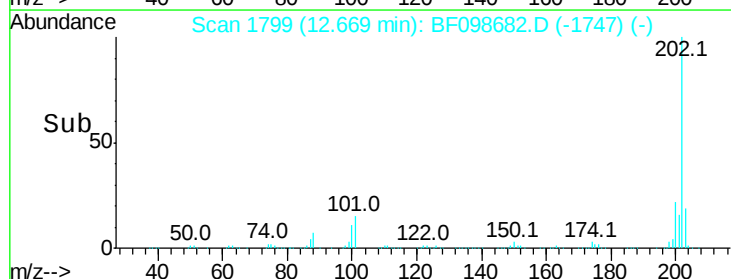
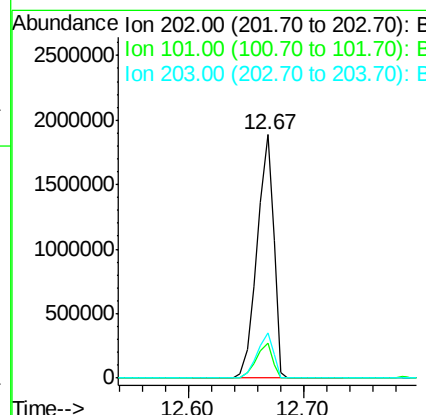
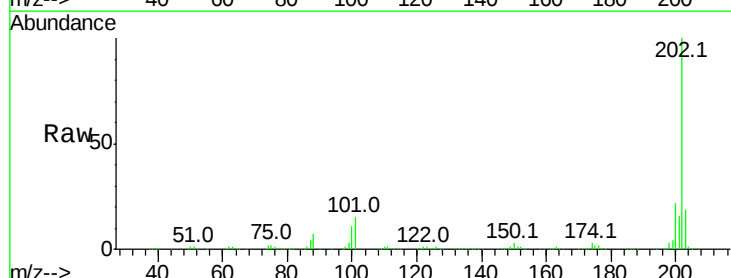
Instrument :
BNA_F
ClientSampleId :

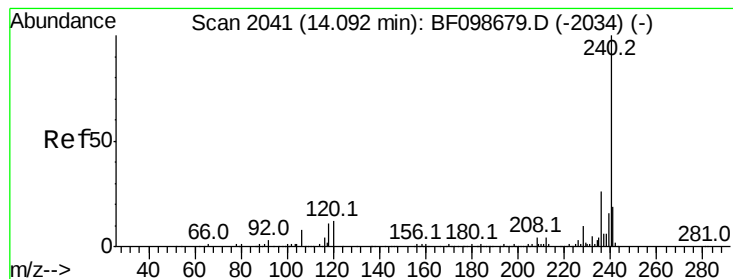
Tot Ion:149 Resp: 2298049
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 70.209 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:202 Resp: 1890577
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 18.6 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: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

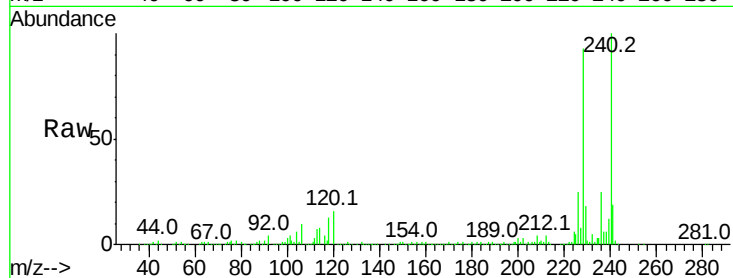
Tot Ion:240 Resp: 339012

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

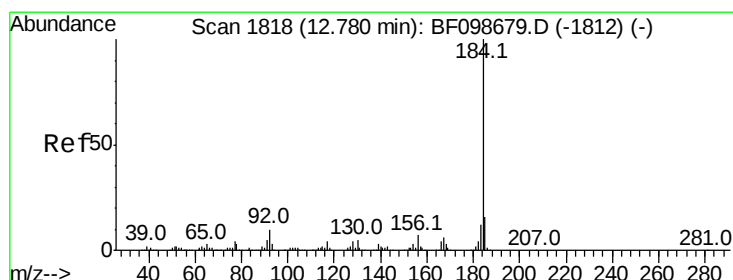
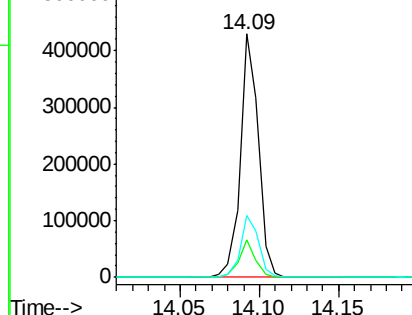
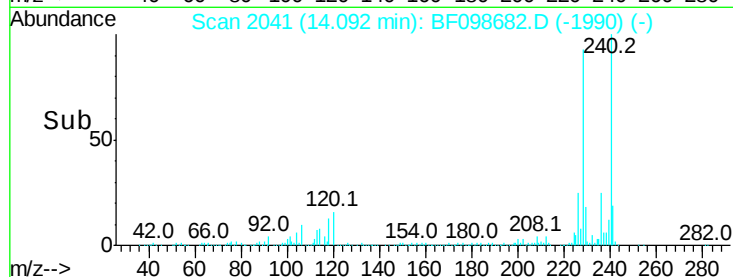
236 25.2 20.7 31.1



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: 64.439 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

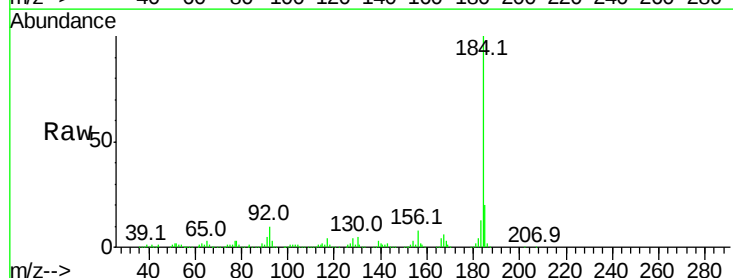
Tgt Ion:184 Resp: 955301

Ion Ratio Lower Upper

184 100

185 20.1 12.6 18.8#

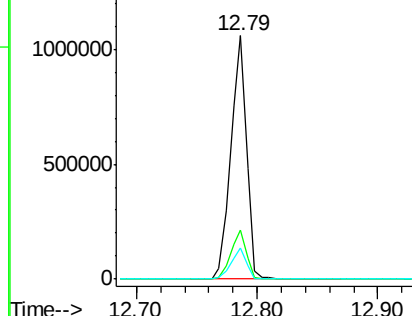
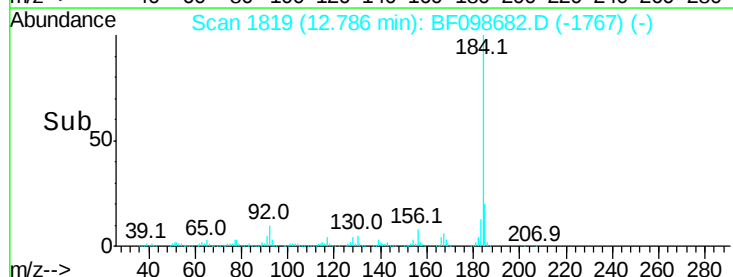
183 12.8 9.3 13.9



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: 73.154 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

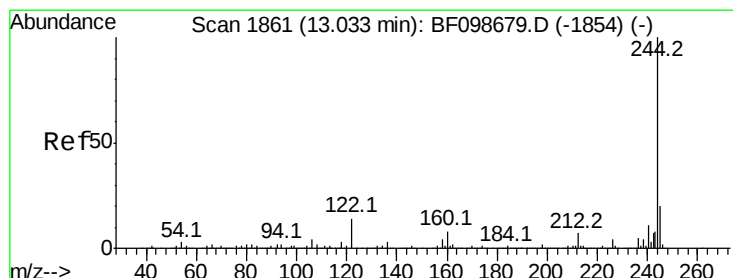
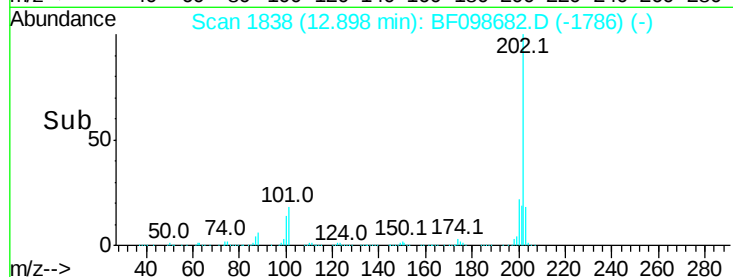
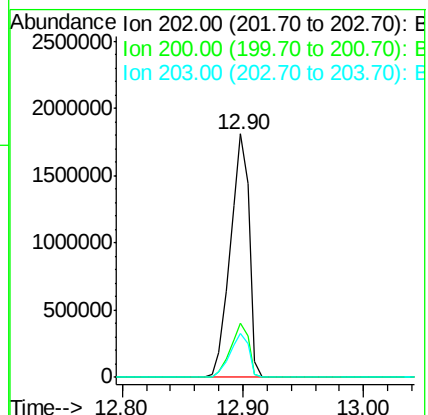
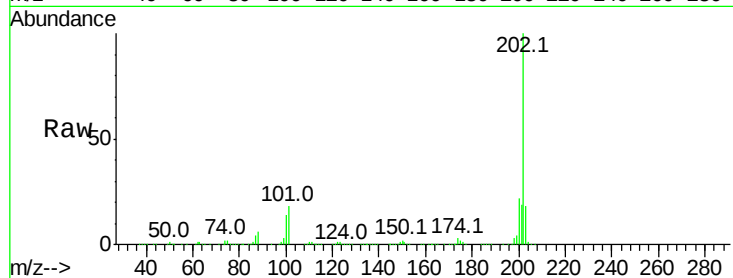
Tot Ion:202 Resp: 1947814

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.9 14.3 21.5



#78

Terphenyl-d14

Concen: 144.307 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

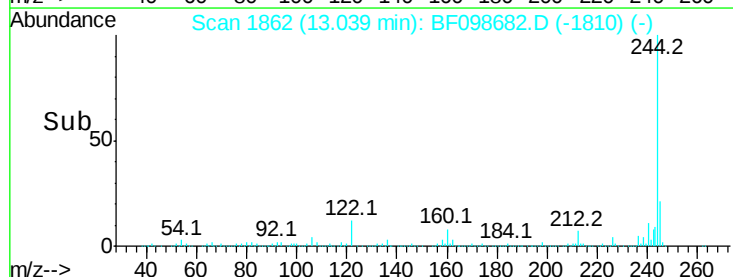
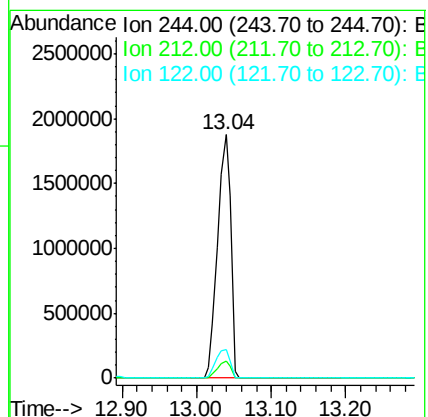
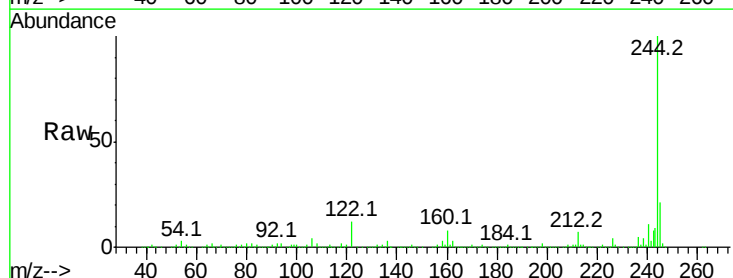
Tgt Ion:244 Resp: 2280557

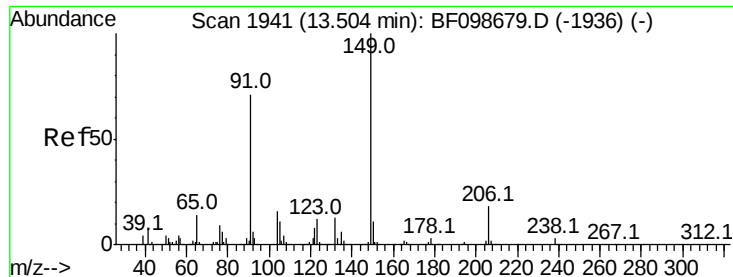
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.0 11.0 16.4

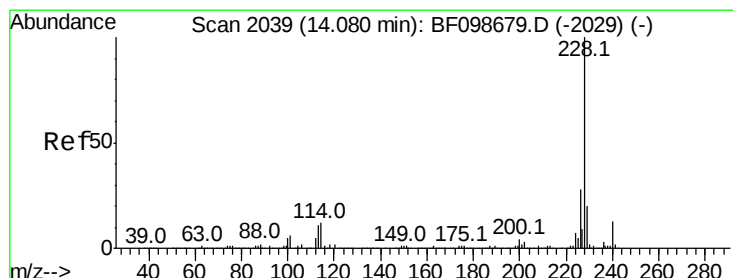
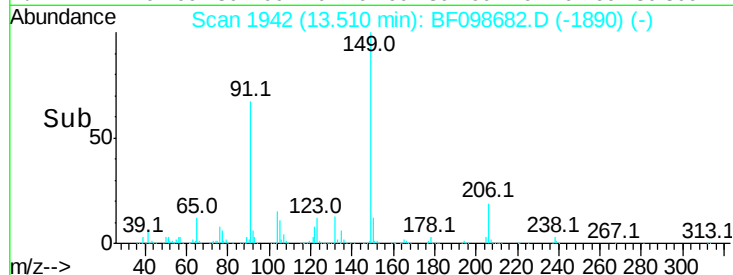
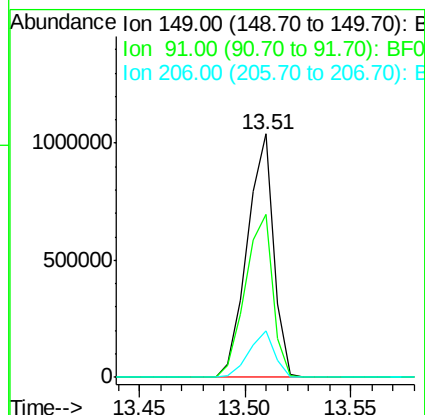
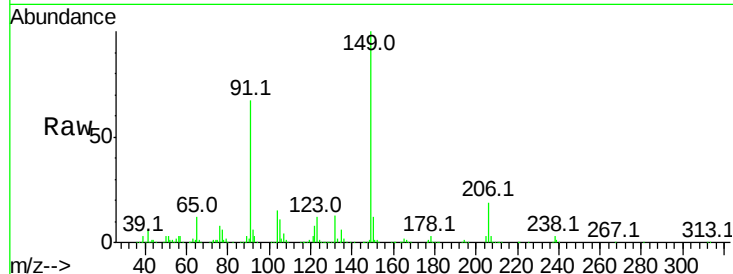




#79
Butylbenzylphthalate
Concen: 78.596 ng
RT: 13.51 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

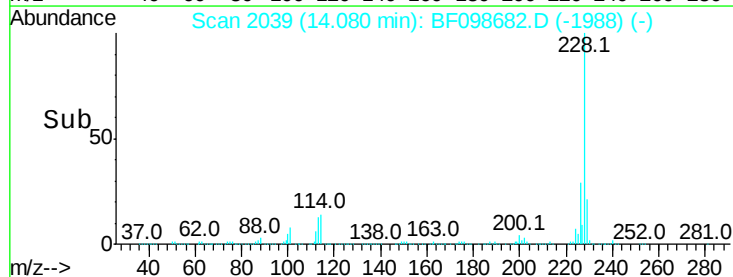
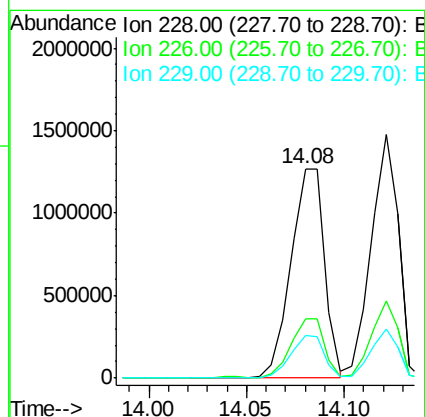
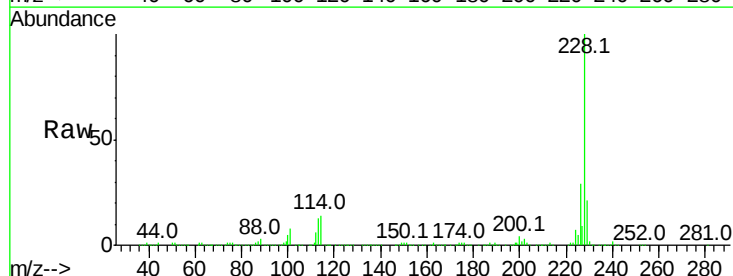
Instrument :
BNA_F
ClientSampleId :

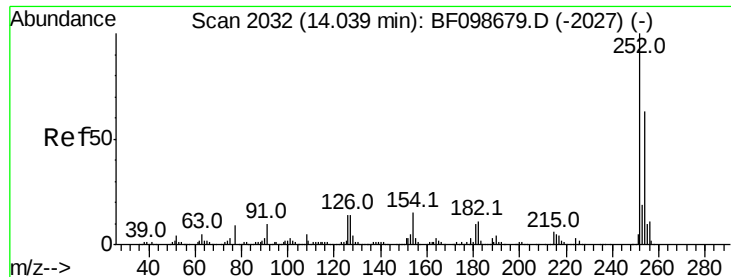
Tot Ion:149 Resp: 900661
Ion Ratio Lower Upper
149 100
91 67.0 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 75.325 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:228 Resp: 1508046
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.6 15.8 23.6

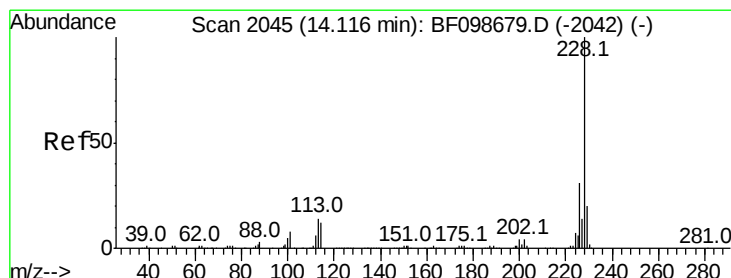
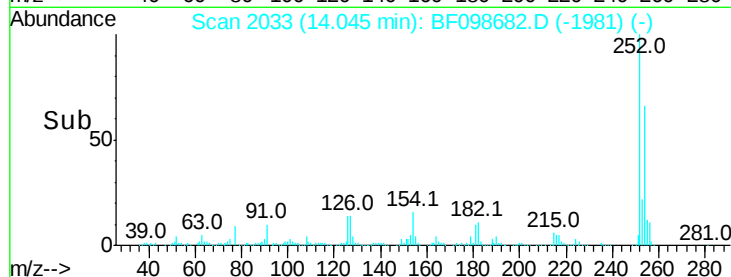
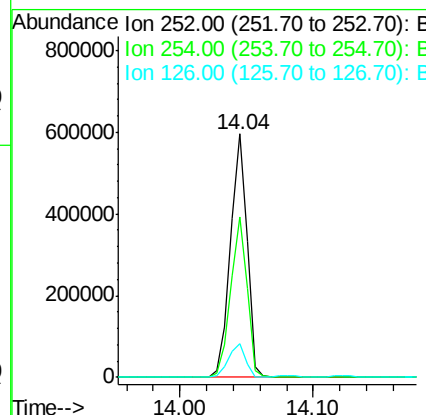
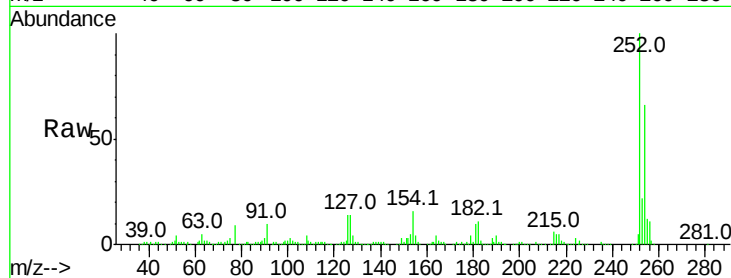




#81
 3,3'-Dichlorobenzidine
 Concen: 68.956 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

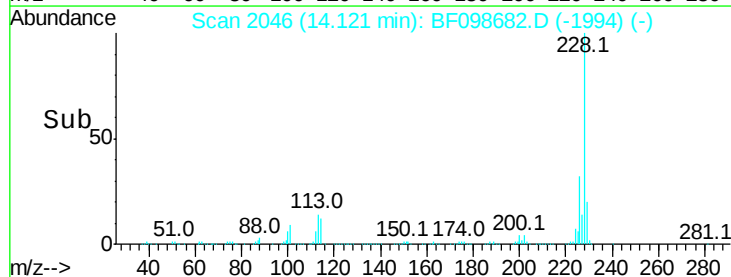
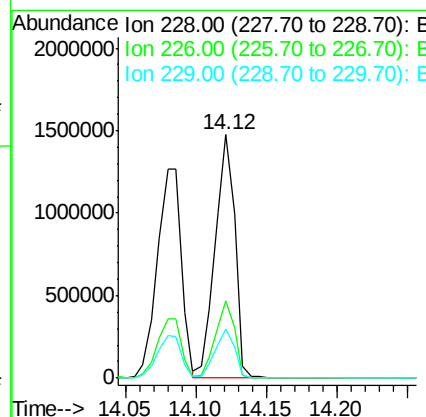
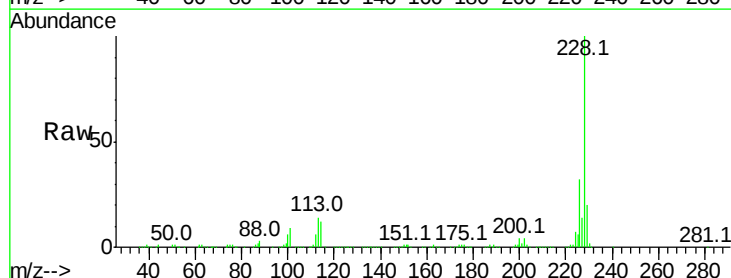
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	13.9	11.3	16.9



#82
 Chrysene
 Concen: 71.740 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.3	16.2	24.4

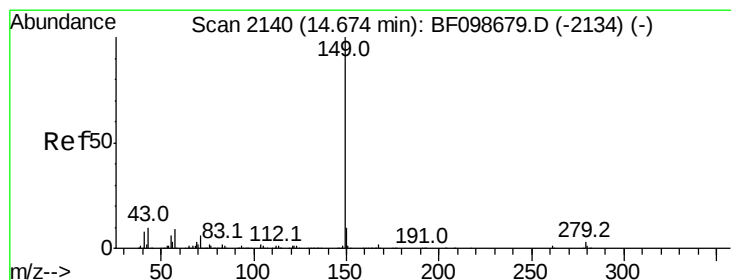
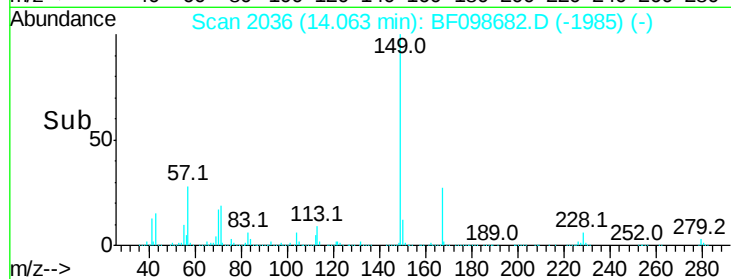
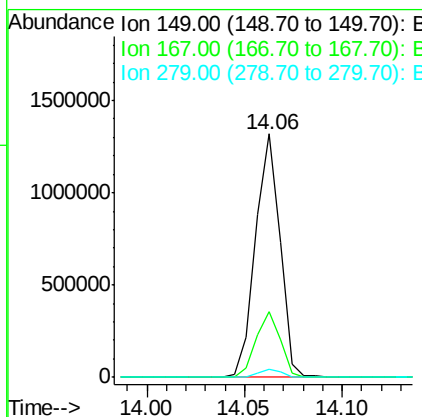
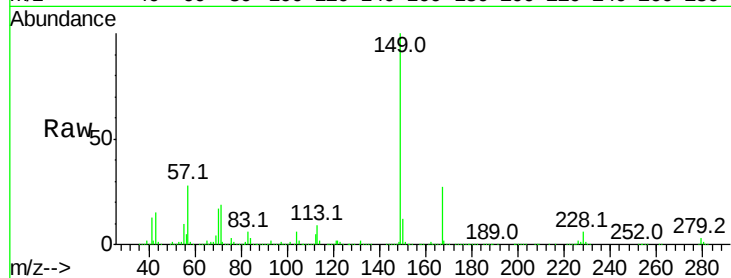




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.852 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

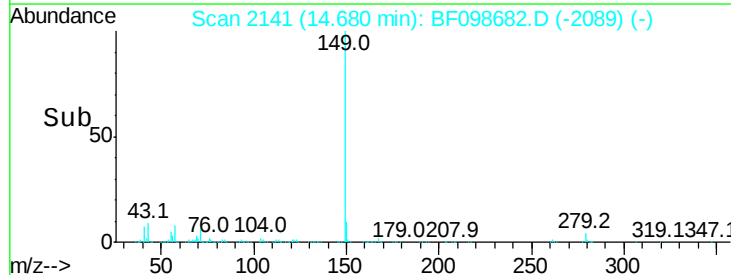
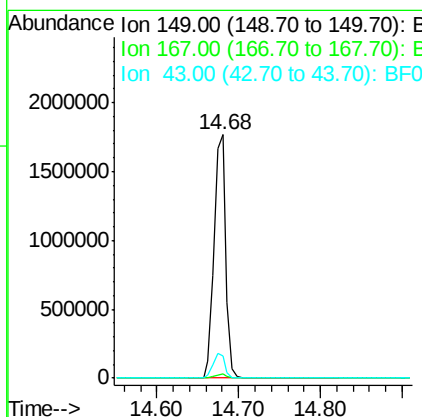
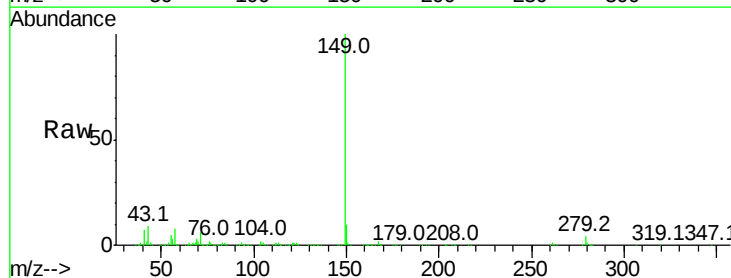
Instrument :
 BNA_F
 ClientSampleId :

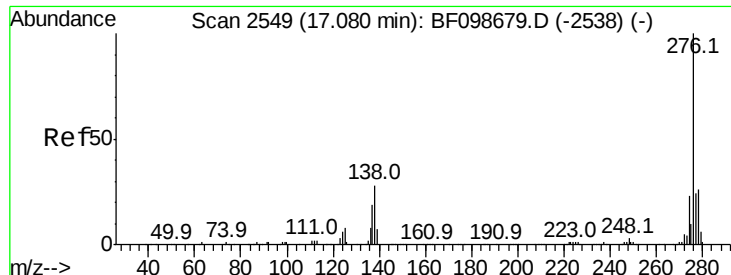
Tot Ion:149 Resp: 1148658
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 72.192 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:149 Resp: 1756848
 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: 94.025 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

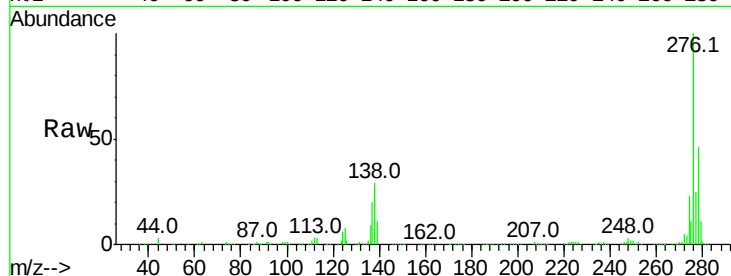
Tot Ion:276 Resp: 1339681

Ion Ratio Lower Upper

276 100

138 31.2 25.0 37.6

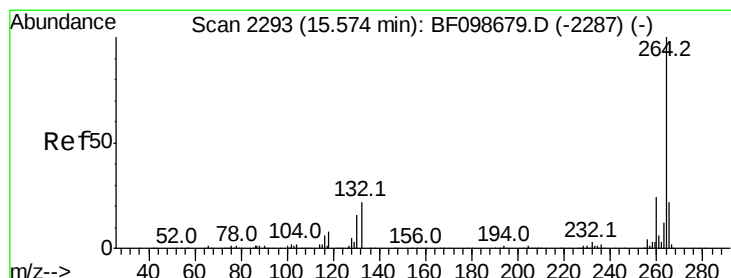
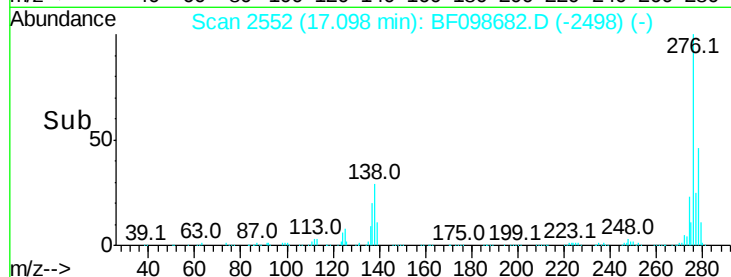
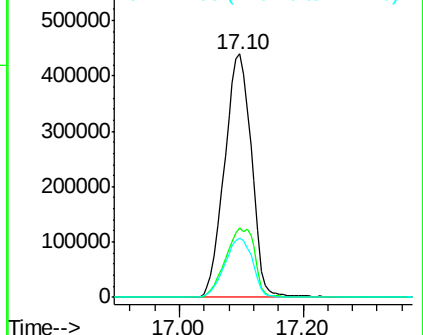
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

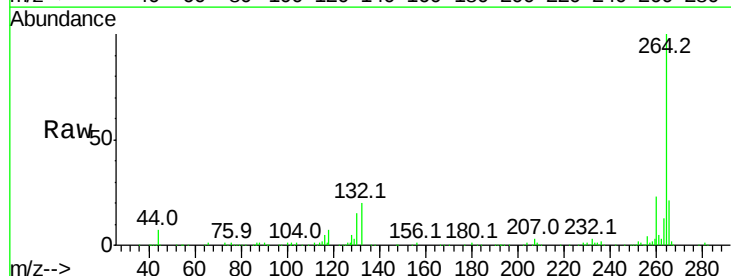
Tgt Ion:264 Resp: 282374

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

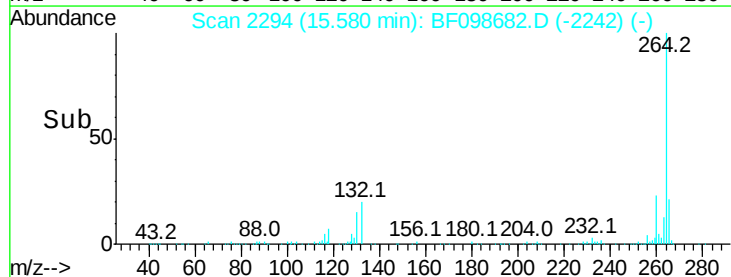
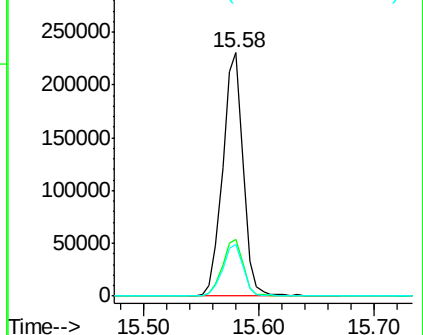
265 21.2 17.5 26.3

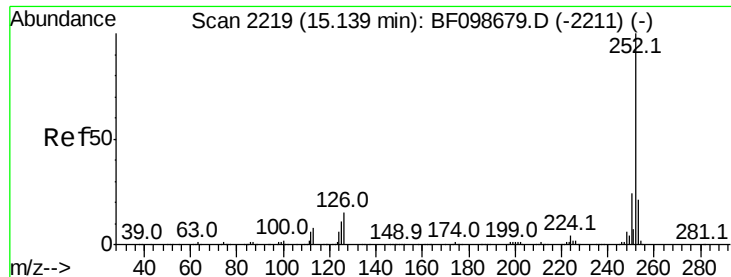


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.210 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

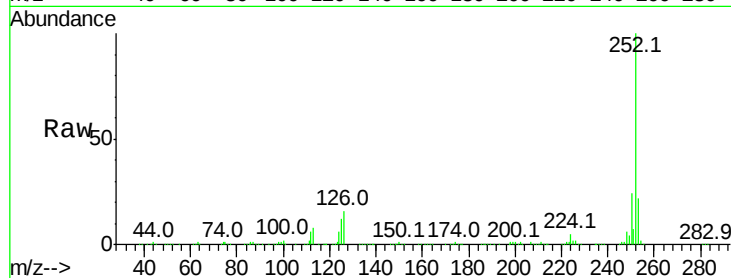
Tot Ion:252 Resp: 1240493

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

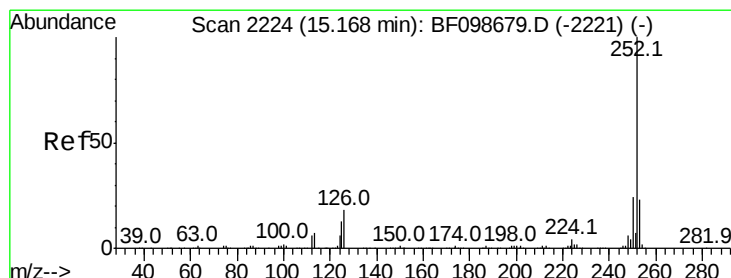
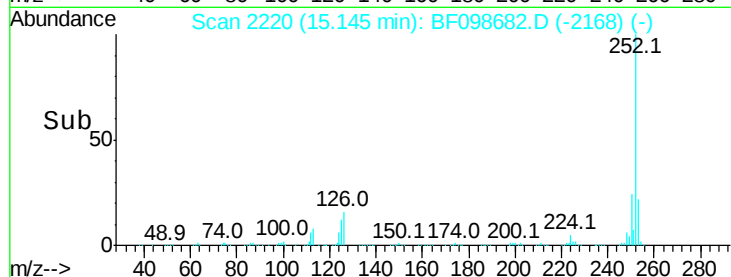
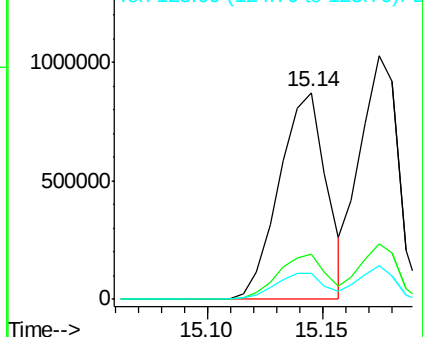
125 12.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 72.942 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

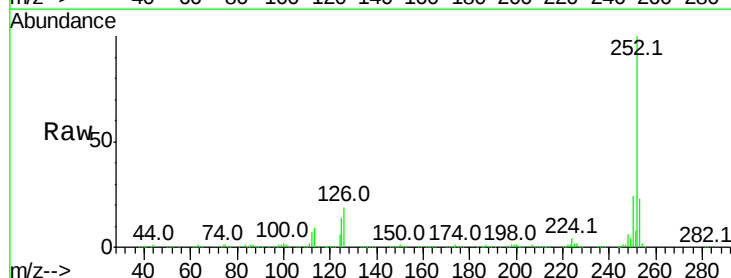
Tgt Ion:252 Resp: 1202310

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

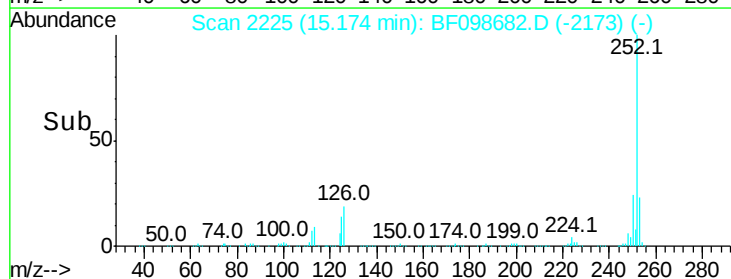
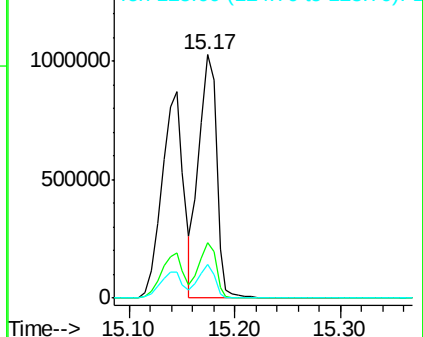
125 14.0 10.2 15.2

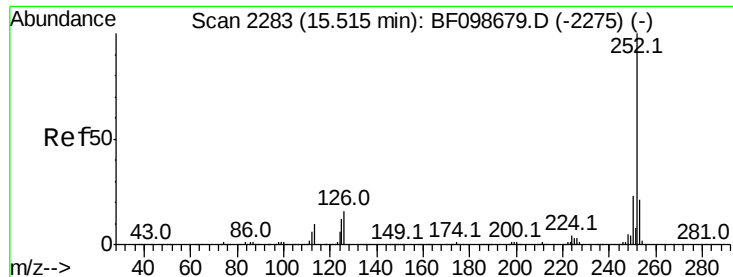


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

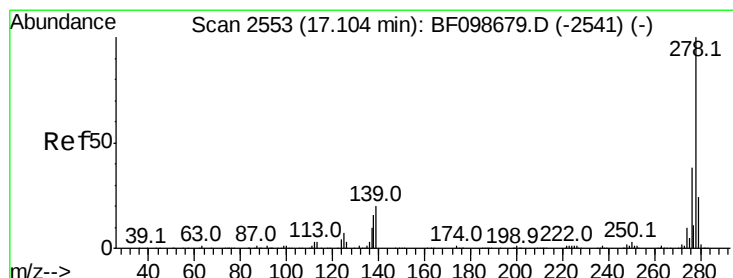
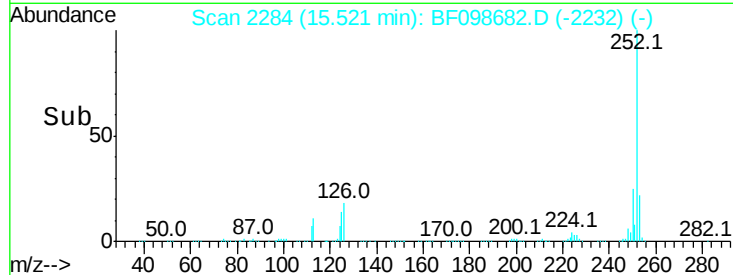
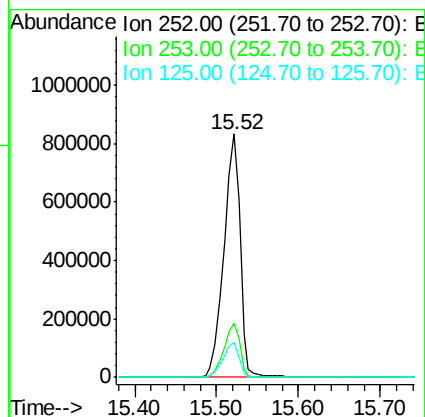
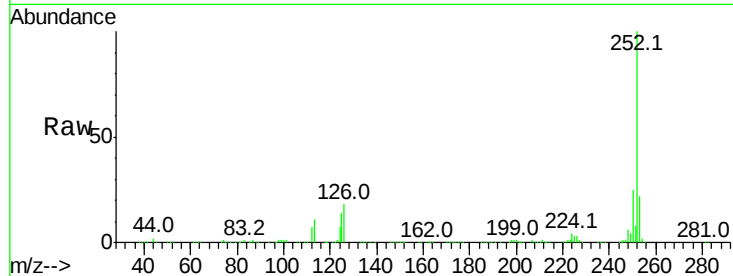




#89
Benzo(a)pyrene
Concen: 73.132 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

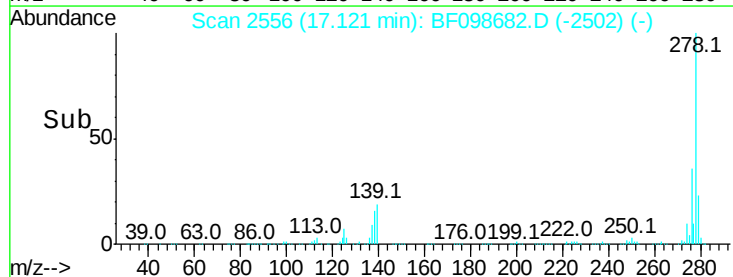
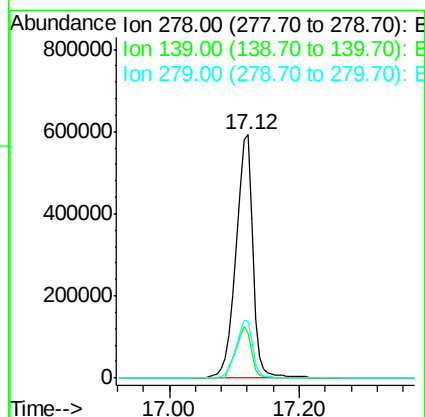
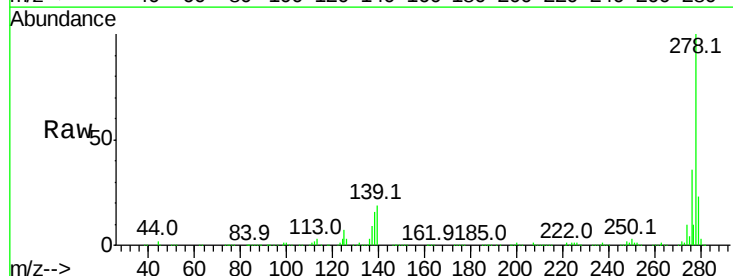
Instrument :
BNA_F
ClientSampleId :

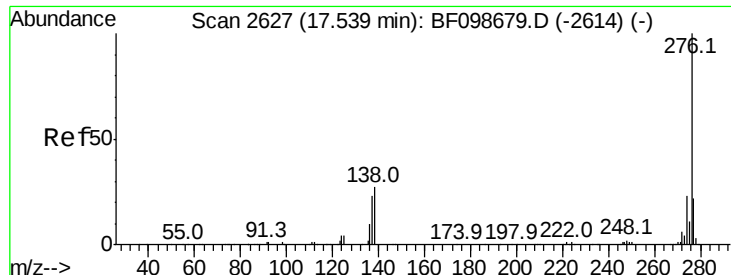
Tot Ion:252 Resp: 1148976
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 91.352 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion:278 Resp: 1075795
Ion Ratio Lower Upper
278 100
139 18.8 15.9 23.9
279 23.2 19.0 28.4



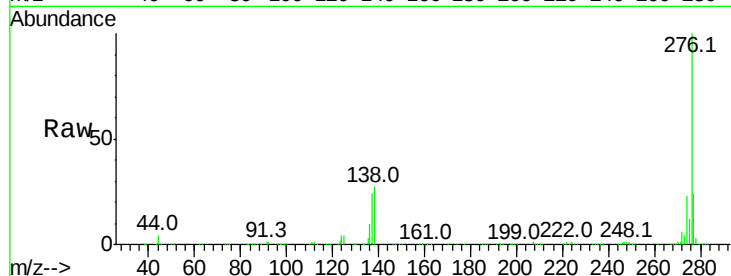


#91
 Benzo(a,h,i)perylene
 Concen: 94.519 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1123920

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.2	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

