

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
 Data File : BF098681.D
 Acq On : 22 Sep 2017 3:54
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 05:07:44 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	153386	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	640589	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	293983	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	512990	20.00	ng	0.00
75) Chrysene-d12	14.09	240	345329	20.00	ng	0.00
86) Perylene-d12	15.57	264	289471	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1145005	111.24	ng	0.00
7) Phenol-d6	6.55	99	1403808	107.36	ng	0.00
23) Nitrobenzene-d5	7.50	82	1167499	103.91	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	327268	157.57	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1974732	113.38	ng	0.00
78) Terphenyl-d14	13.04	244	1862374	115.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	279711	53.237	ng	99
3) Pyridine	3.54	79	773304	55.253	ng	99
4) n-Nitrosodimethylamine	3.51	42	336751	50.152	ng	97
6) Aniline	6.60	93	953236	57.517	ng	100
8) 2-Chlorophenol	6.72	128	630375	55.644	ng	97
9) Benzaldehyde	6.48	77	374336	44.607	ng	98
10) Phenol	6.57	94	773537	51.317	ng	95
11) bis(2-Chloroethyl)ether	6.67	93	602007	53.044	ng	99
12) 1,3-Dichlorobenzene	6.87	146	673002	58.566	ng	97
13) 1,4-Dichlorobenzene	6.95	146	674454	57.376	ng	100
14) 1,2-Dichlorobenzene	7.10	146	616937	57.223	ng	98
15) Benzyl Alcohol	7.07	79	504831	57.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	955173	51.203	ng	99
17) 2-Methylphenol	7.17	107	523917	56.653	ng	99
18) Hexachloroethane	7.45	117	239763	54.075	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	435768	53.107	ng	97
20) 3+4-Methylphenols	7.33	107	649735	55.320	ng	94
22) Acetophenone	7.34	105	881478	53.579	ng	99
24) Nitrobenzene	7.52	77	655876	51.186	ng	98
25) Isophorone	7.76	82	1215020	53.166	ng	100
26) 2-Nitrophenol	7.83	139	303533	59.152	ng	94
27) 2,4-Dimethylphenol	7.86	122	589294	58.439	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	750530	53.779	ng	99
29) 2,4-Dichlorophenol	8.06	162	518768	61.768	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	511899	56.531	ng	99
31) Naphthalene	8.23	128	1723013	54.641	ng	99
32) Benzoic acid	7.99	122	464237	78.849	ng	99
33) 4-Chloroaniline	8.28	127	715295	55.752	ng	98
34) Hexachlorobutadiene	8.35	225	272509	58.230	ng	99
35) Caprolactam	8.67	113	165778	57.304	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	585185	56.728	ng	96
37) 2-Methylnaphthalene	8.92	142	1115490	57.955	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	487788	53.504	ng	99
40) Hexachlorocyclopentadiene	9.07	237	239867	102.213	ng	98

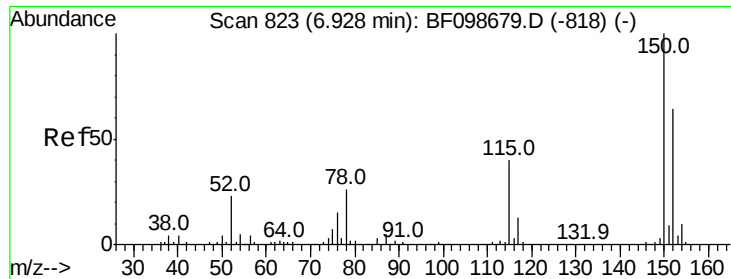
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	352011	64.736	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	362936	63.929	ng	98
45) 1,1'-Biphenyl	9.39	154	1391086	53.022	ng	99
46) 2-Chloronaphthalene	9.42	162	1072499	56.905	ng	98
47) 2-Nitroaniline	9.50	65	332581	47.859	ng	96
48) Acenaphthylene	9.83	152	1642232	58.121	ng	99
49) Dimethylphthalate	9.69	163	1253466	55.181	ng	100
50) 2,6-Dinitrotoluene	9.75	165	280137	60.121	ng	96
51) Acenaphthene	10.00	154	1019235	57.001	ng	98
52) 3-Nitroaniline	9.92	138	323685	57.692	ng	98
53) 2,4-Dinitrophenol	10.02	184	103287	61.022	ng #	79
54) Dibenzofuran	10.17	168	1380324	58.293	ng	98
55) 4-Nitrophenol	10.06	139	280115	81.017	ng	98
56) 2,4-Dinitrotoluene	10.15	165	367777	64.069	ng	100
57) Fluorene	10.52	166	1089782	55.826	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	253528	65.847	ng	99
59) Diethylphthalate	10.39	149	1222343	56.249	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	473300	52.892	ng	98
61) 4-Nitroaniline	10.54	138	315798	55.887	ng	97
62) Azobenzene	10.67	77	1126398	49.098	ng	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	163551	58.467	ng	98
65) n-Nitrosodiphenylamine	10.63	169	995148	59.258	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	299642	60.994	ng	93
67) Hexachlorobenzene	11.06	284	344680	67.871	ng	94
68) Atrazine	11.15	200	301902	58.500	ng	99
69) Pentachlorophenol	11.25	266	221206	104.703	ng	99
70) Phenanthrene	11.48	178	1523857	55.685	ng	99
71) Anthracene	11.53	178	1566097	55.992	ng	99
72) Carbazole	11.68	167	1542930	58.570	ng	98
73) Di-n-butylphthalate	12.01	149	1826809	58.299	ng	99
74) Fluoranthene	12.67	202	1522477	55.799	ng	98
76) Benzidine	12.79	184	778774	51.571	ng	96
77) Pyrene	12.90	202	1557709	57.433	ng	100
79) Butylbenzylphthalate	13.50	149	708978	60.737	ng	99
80) Benzo(a)anthracene	14.08	228	1218722	59.760	ng	100
81) 3,3'-Dichlorobenzidine	14.04	252	435896	55.827	ng	97
82) Chrysene	14.12	228	1163742	57.078	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	926926	62.467	ng	100
84) Di-n-octyl phthalate	14.67	149	1386966	55.950	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	1019767	70.263	ng	99
87) Benzo(b)fluoranthene	15.14	252	1031965	56.975	ng	98
88) Benzo(k)fluoranthene	15.17	252	921288	54.522	ng	99
89) Benzo(a)pyrene	15.52	252	905326	56.211	ng #	96
90) Dibenzo(a,h)anthracene	17.11	278	825845	68.408	ng	100
91) Benzo(g,h,i)perylene	17.55	276	843184	69.171	ng	98

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

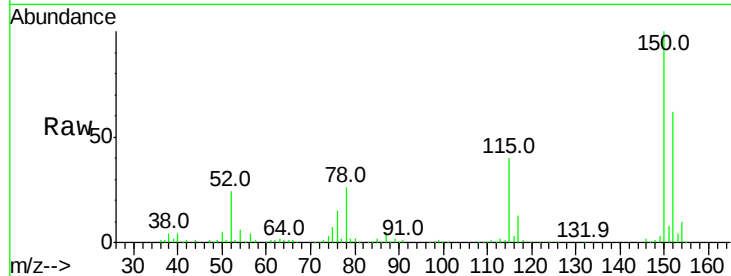


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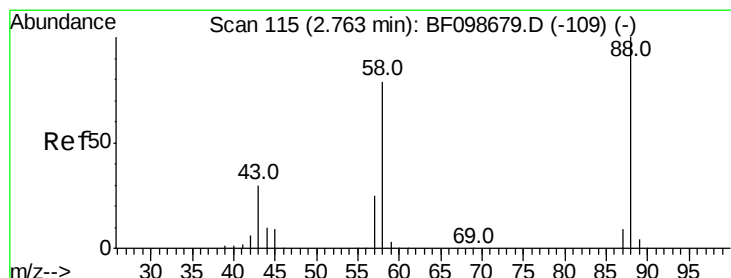
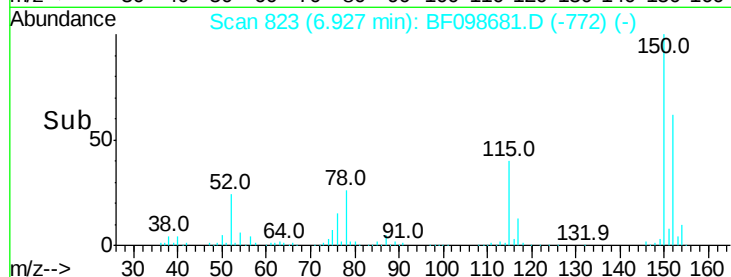
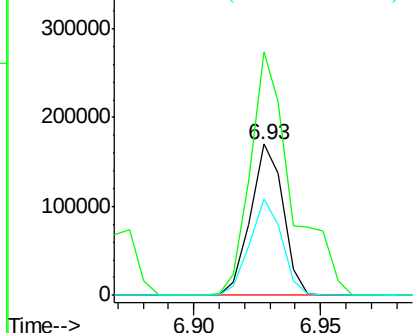
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153386
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 63.6 50.1 75.1



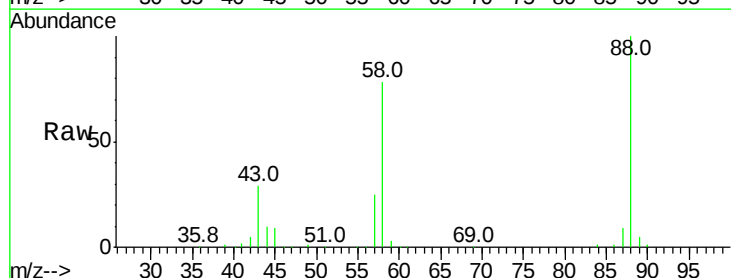
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



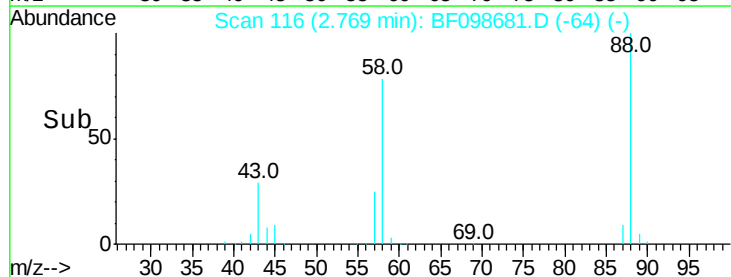
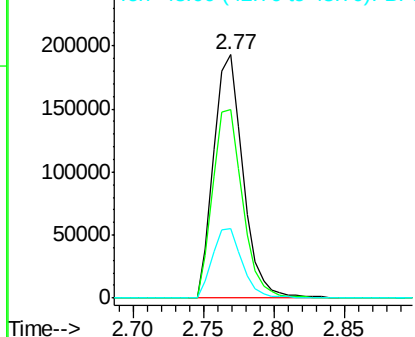
#2

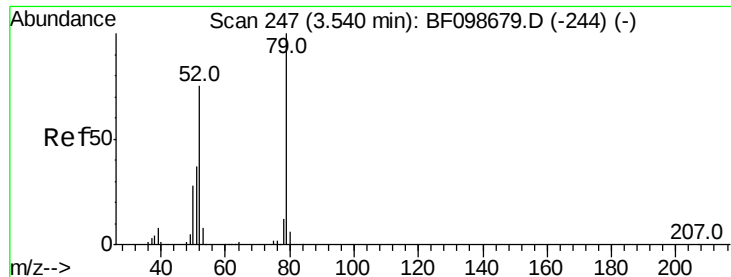
1,4-Dioxane
Concen: 53.237 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion: 88 Resp: 279711
Ion Ratio Lower Upper
88 100
58 79.1 62.6 93.8
43 29.4 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: 55.253 ng

RT: 3.54 min Scan# 247

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampled :

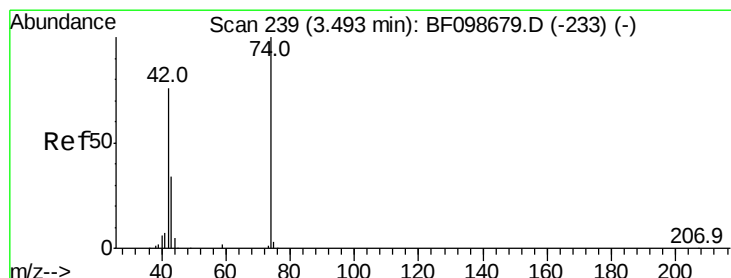
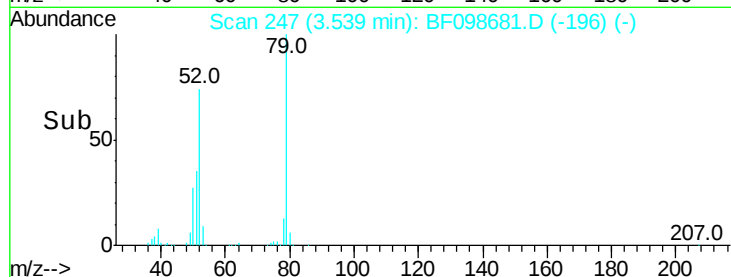
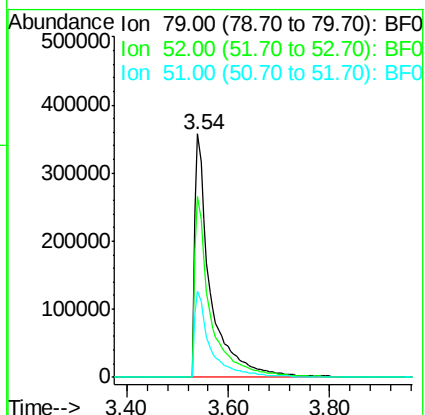
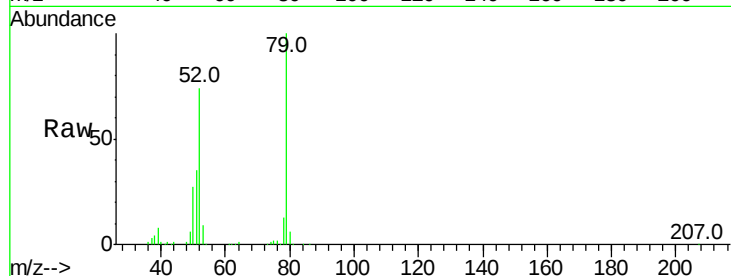
Tot Ion: 79 Resp: 773304

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 35.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 50.152 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.02 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

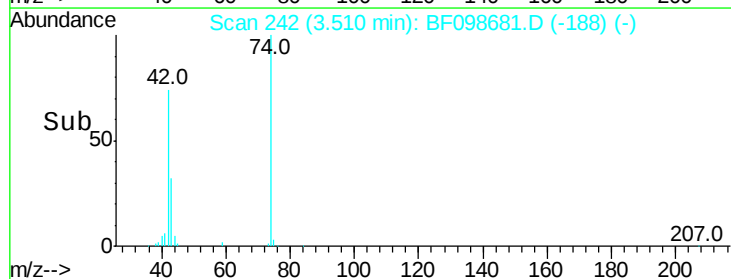
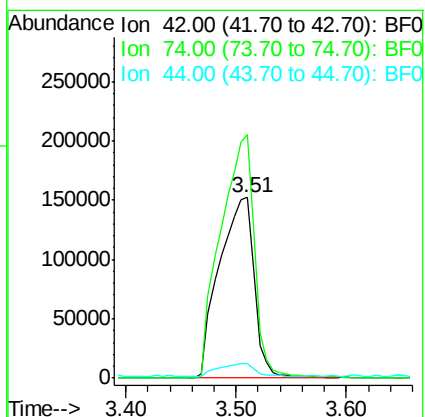
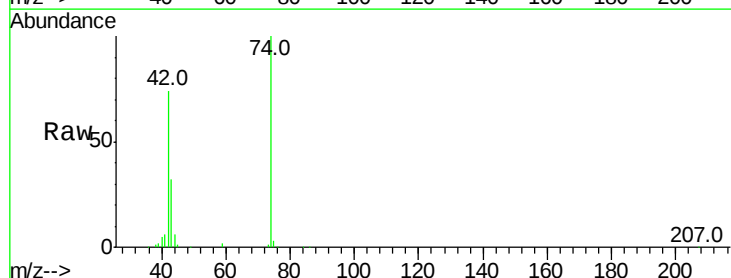
Tgt Ion: 42 Resp: 336751

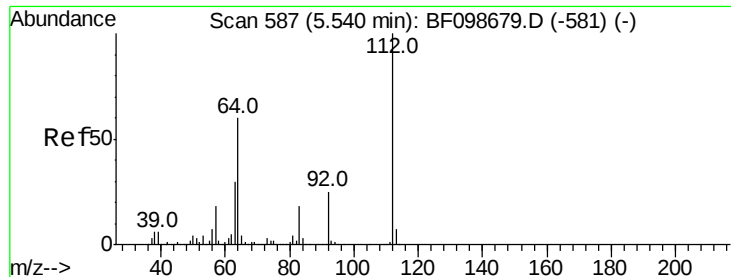
Ion Ratio Lower Upper

42 100

74 134.7 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 111.238 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampled :

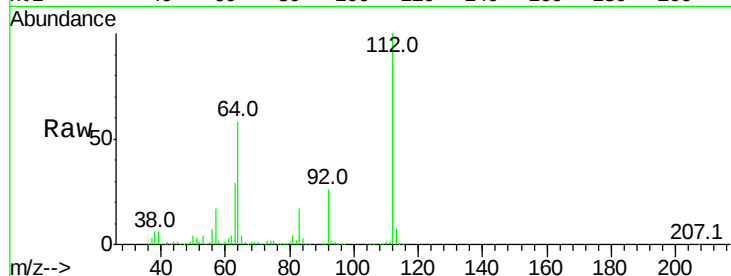
Tot Ion:112 Resp: 1145005

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

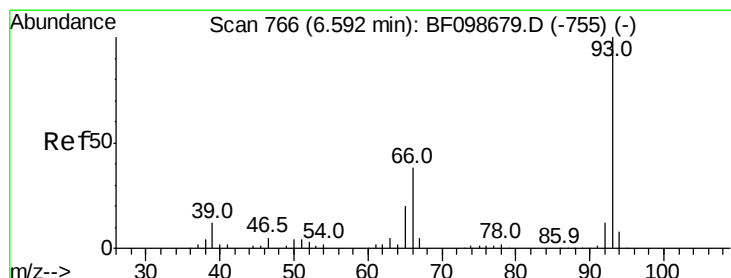
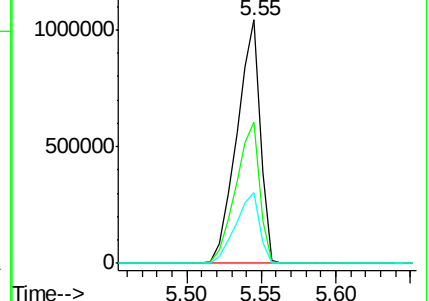
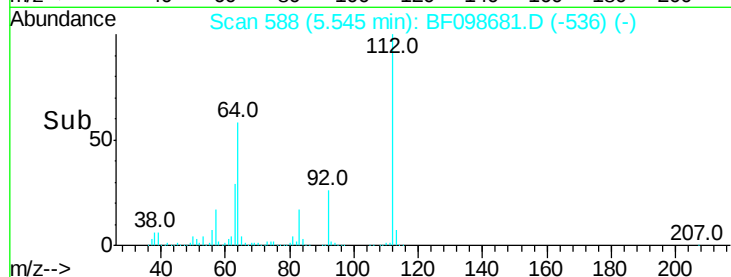
63 29.0 23.7 35.5



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: 57.517 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

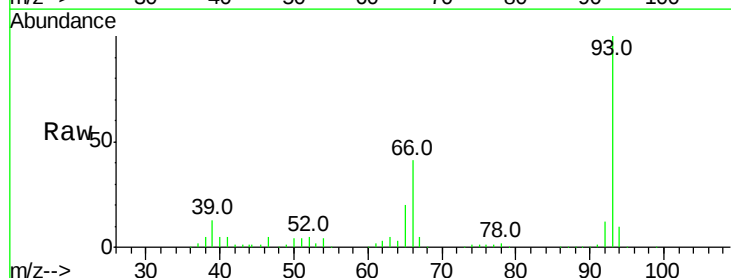
Tgt Ion: 93 Resp: 953236

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

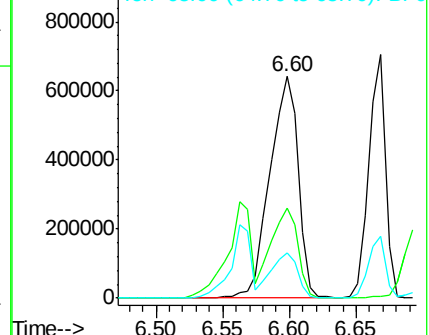
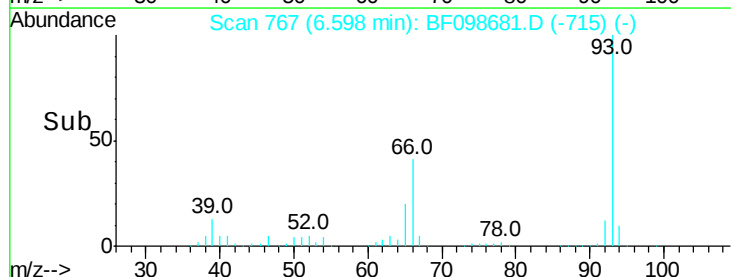
65 20.5 16.4 24.6



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: 107.360 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

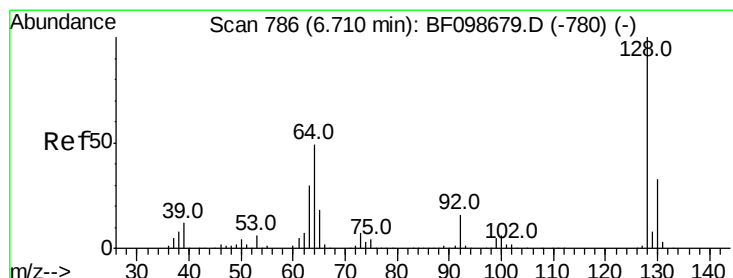
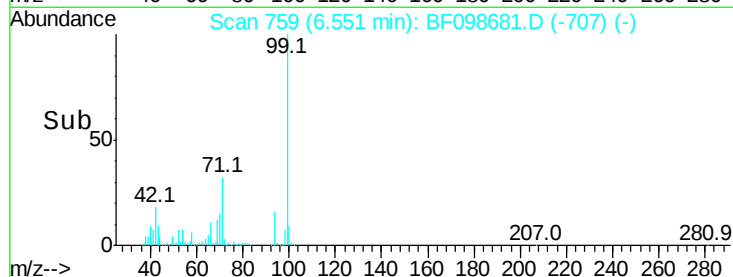
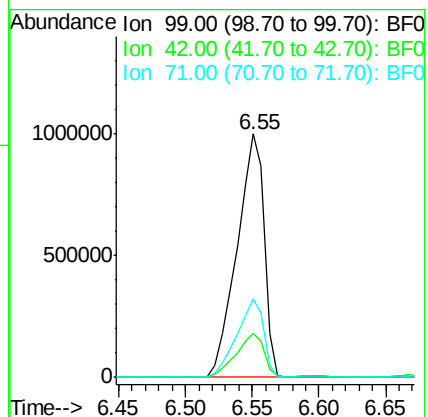
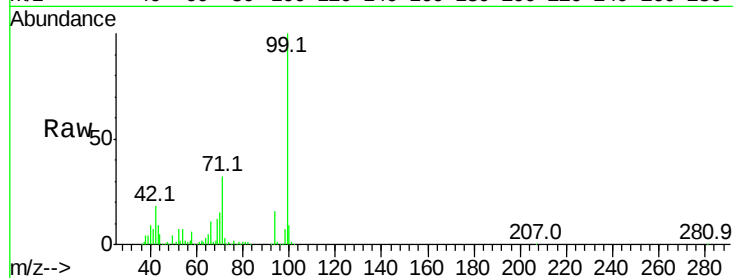
Tot Ion: 99 Resp: 1403808

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 32.3 25.4 38.0



#8

2-Chlorophenol

Concen: 55.644 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

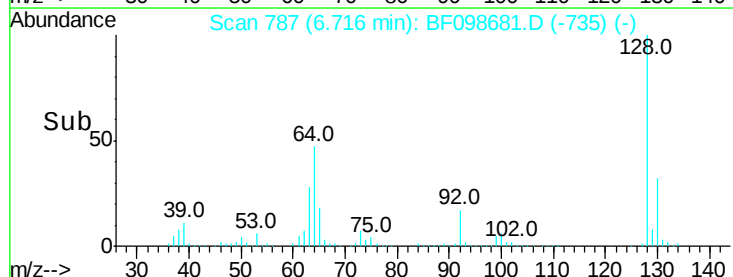
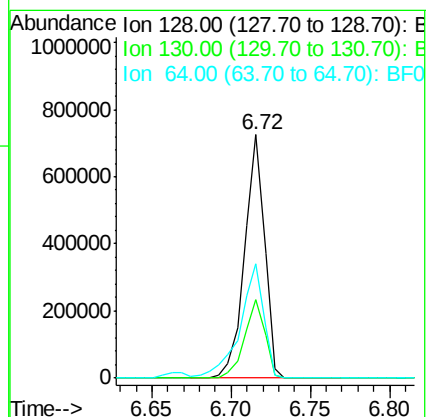
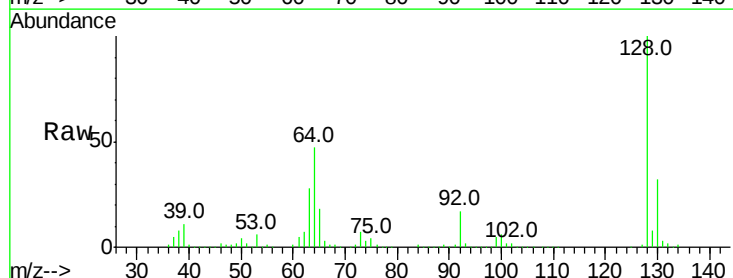
Tgt Ion: 128 Resp: 630375

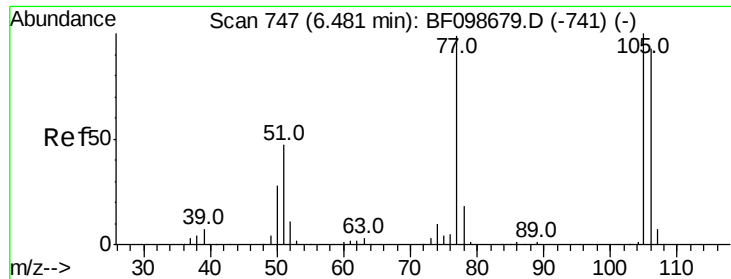
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 46.9 29.4 69.4





#9

Benzaldehyde

Concen: 44.607 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

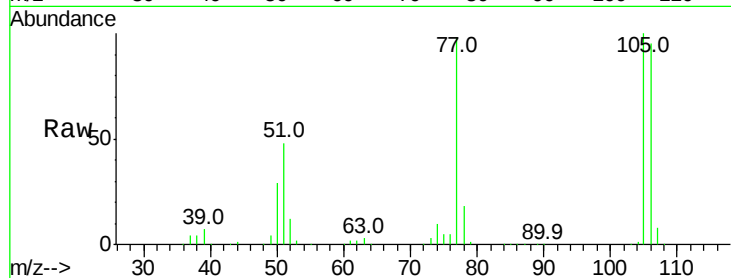
Tot Ion: 77 Resp: 374336

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

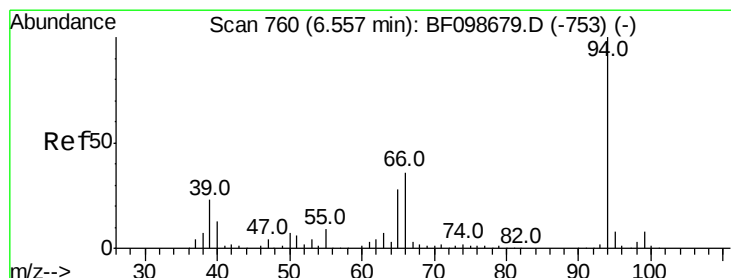
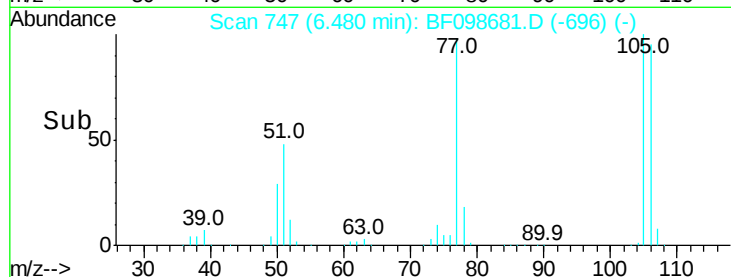
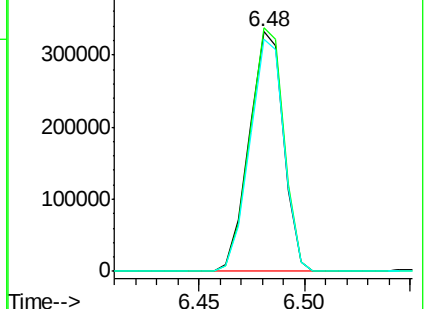
106 97.0 74.5 114.5



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: 51.317 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

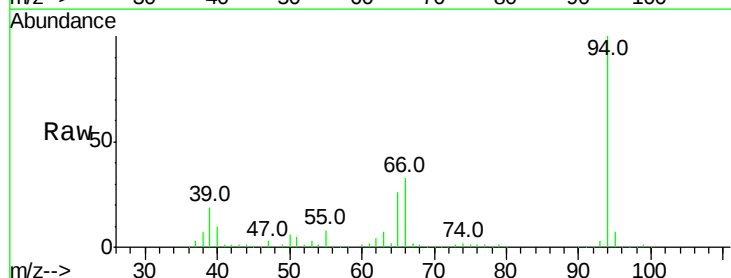
Tgt Ion: 94 Resp: 773537

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

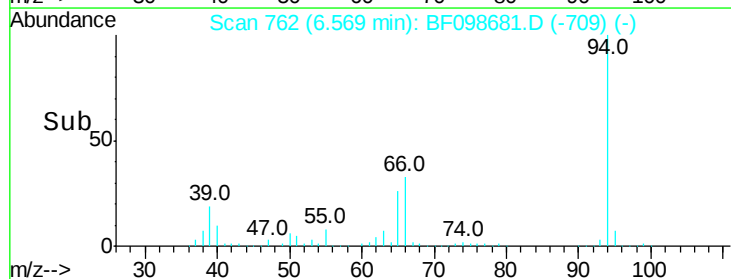
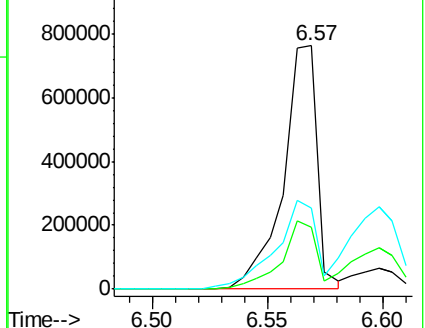
66 33.4 16.2 56.2

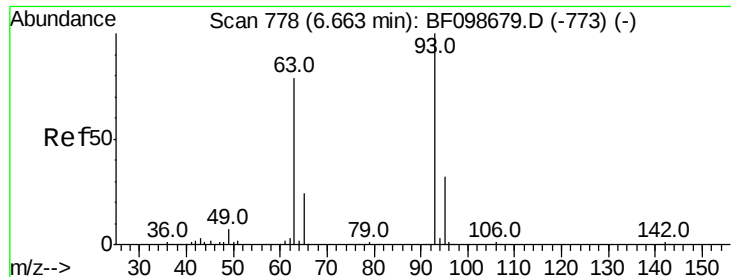


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

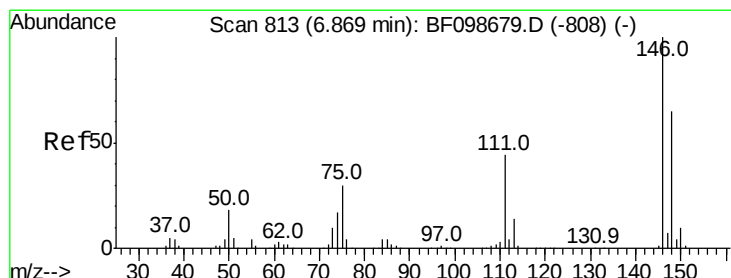
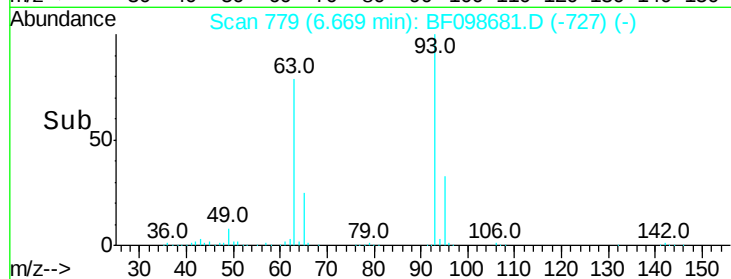
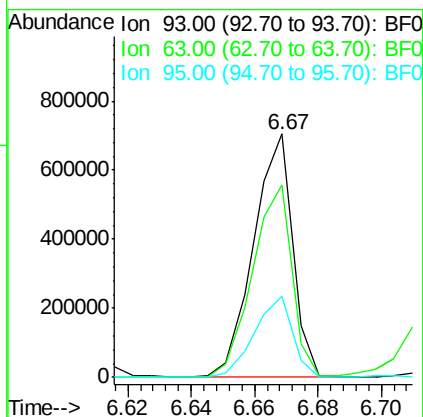
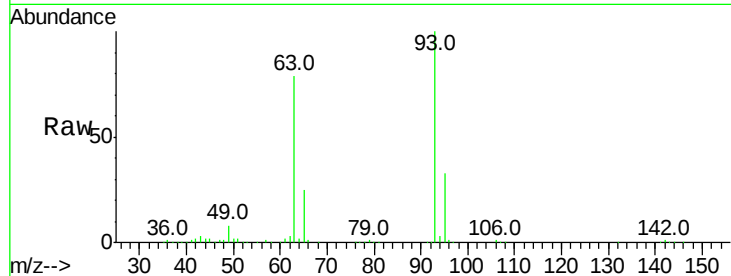




#11
bis(2-Chloroethyl)ether
Concen: 53.044 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

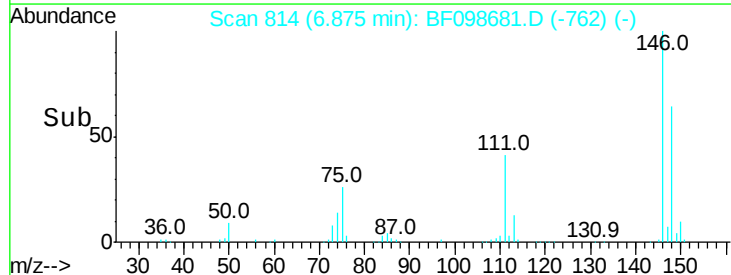
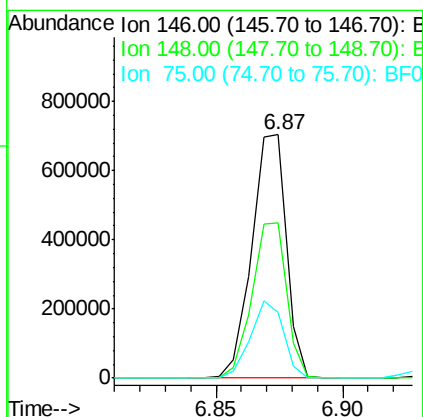
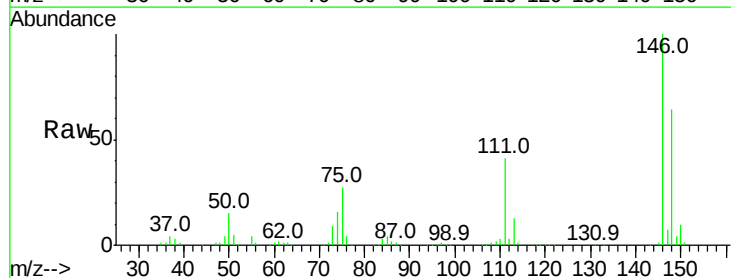
Instrument :
BNA_F
ClientSampleId :

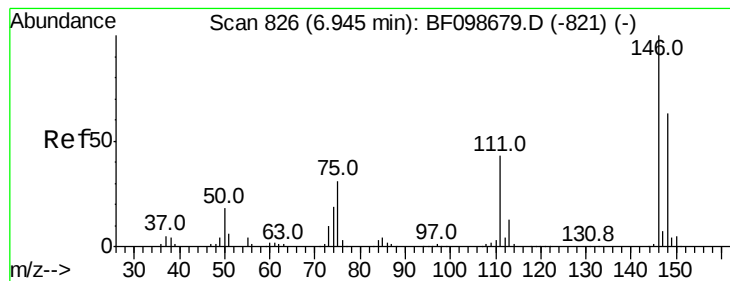
Tot Ion: 93 Resp: 602007
Ion Ratio Lower Upper
93 100
63 78.9 58.6 98.6
95 33.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 58.566 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion: 146 Resp: 673002
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 27.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 57.376 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

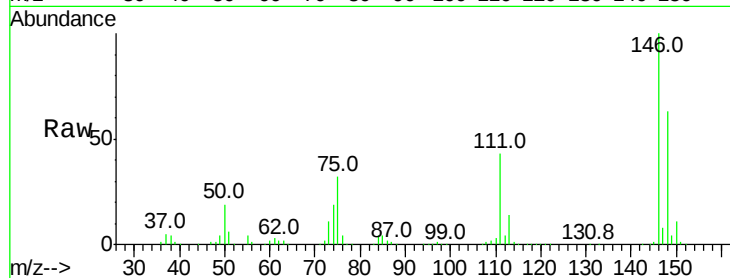
Tot Ion:146 Resp: 674454

Ion Ratio Lower Upper

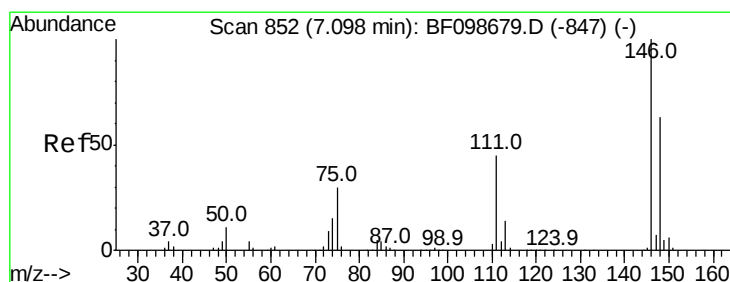
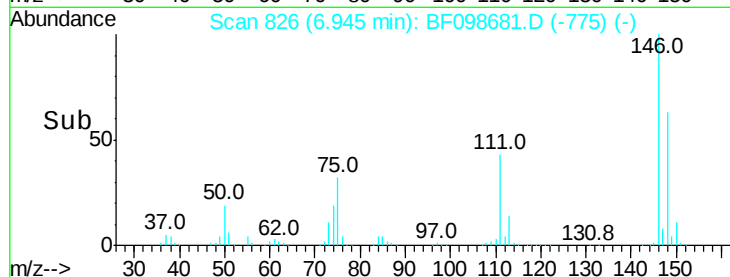
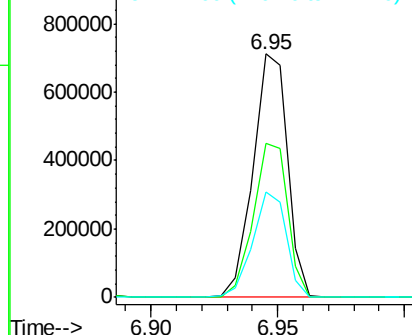
146 100

148 63.3 50.8 76.2

111 43.1 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: 57.223 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

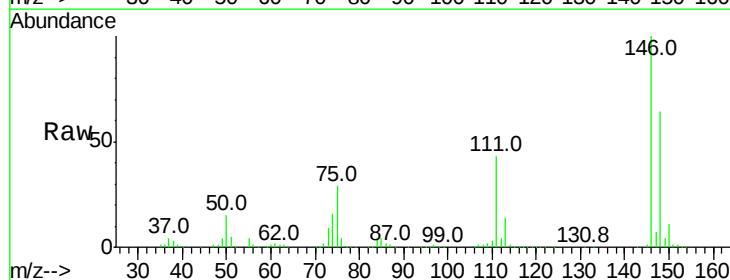
Tgt Ion:146 Resp: 616937

Ion Ratio Lower Upper

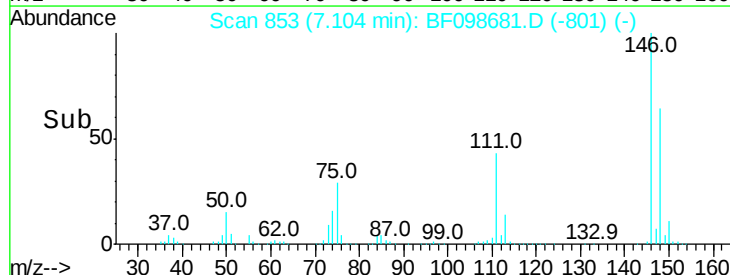
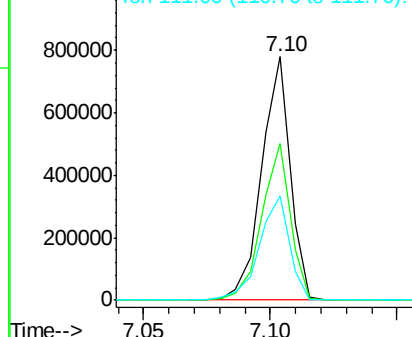
146 100

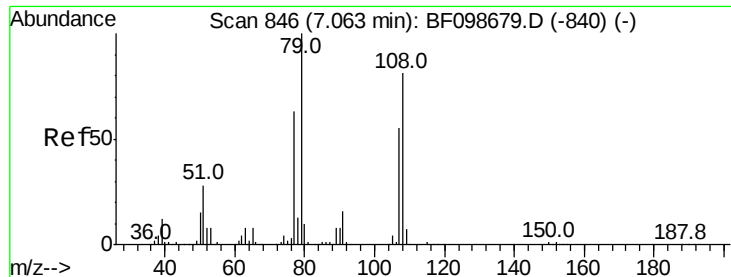
148 64.2 50.6 75.8

111 42.7 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: 57.127 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

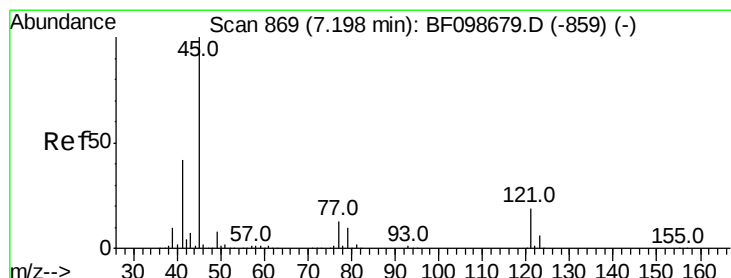
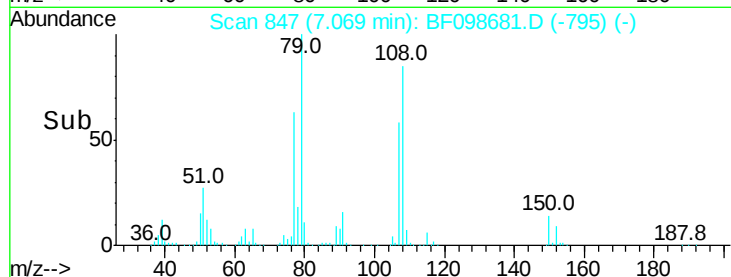
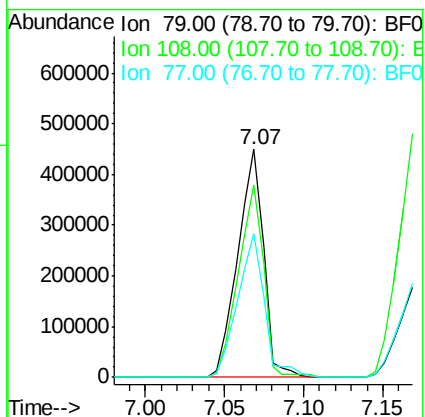
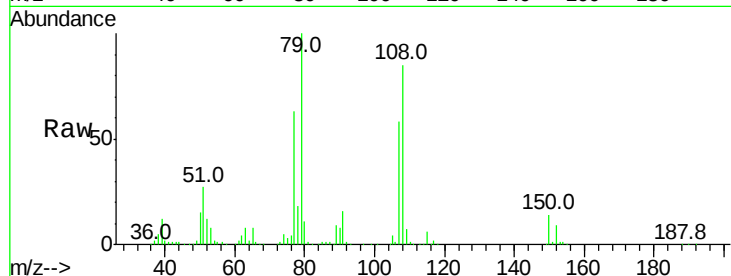
Tot Ion: 79 Resp: 504831

Ion Ratio Lower Upper

79 100

108 84.6 65.1 97.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.203 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

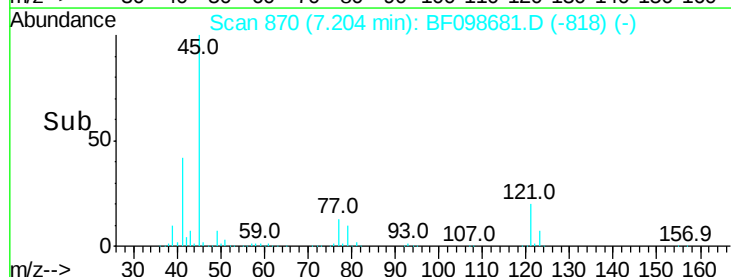
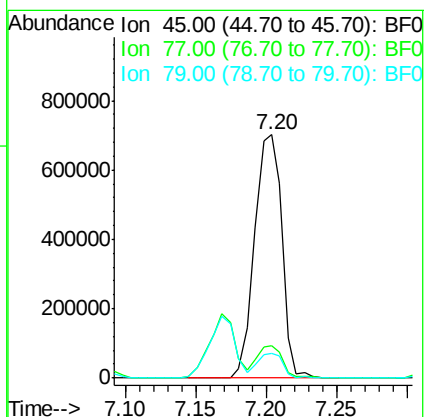
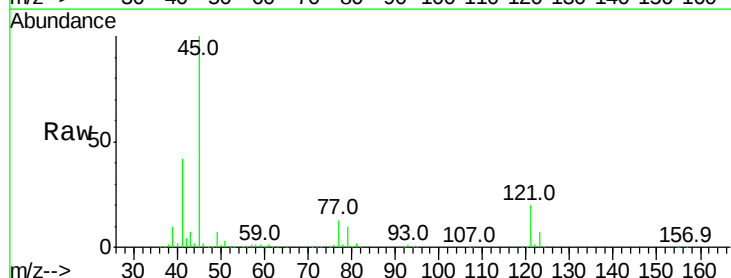
Tgt Ion: 45 Resp: 955173

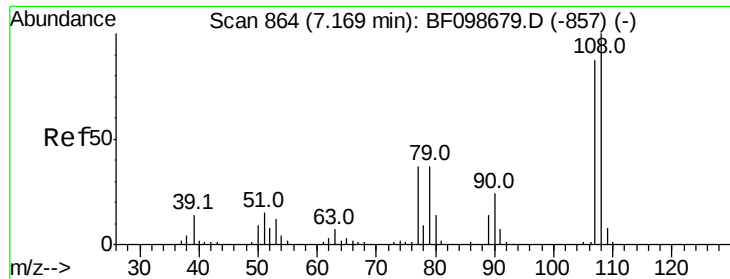
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.2 0.0 29.6

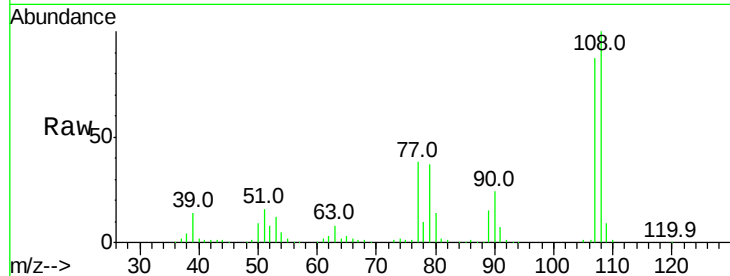




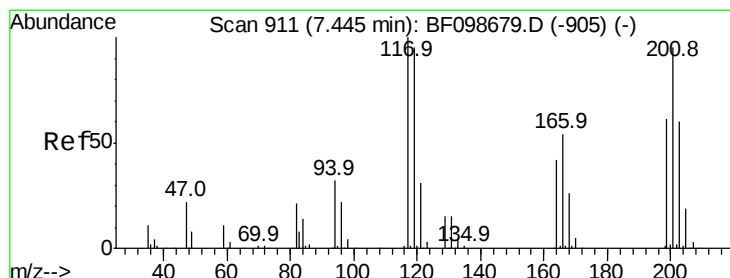
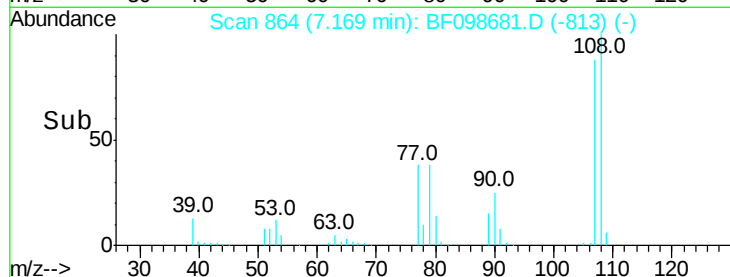
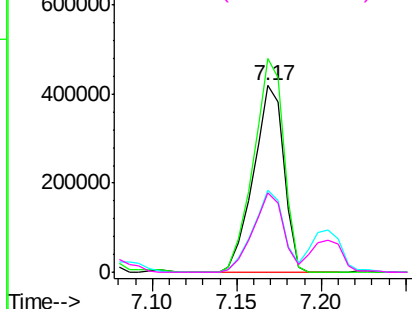
#17
2-Methylphenol
Concen: 56.653 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	44.0	33.8	50.8
79	42.6	33.8	50.8

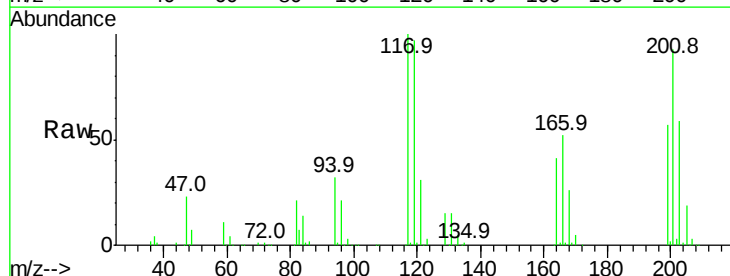


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

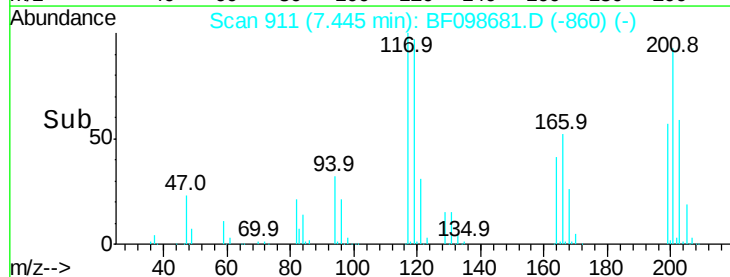
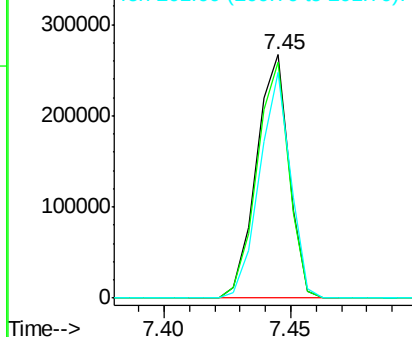


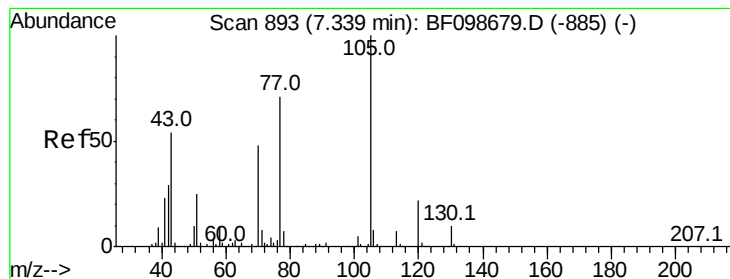
#18
Hexachloroethane
Concen: 54.075 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	92.7	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: 53.107 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 435768

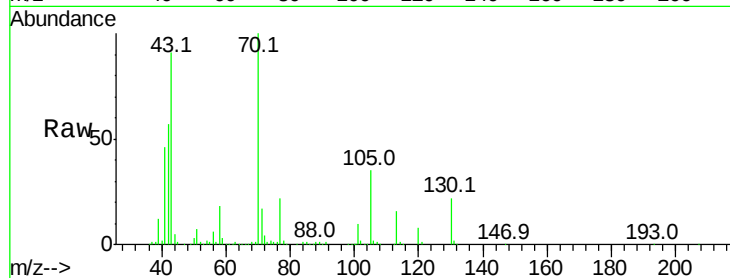
Ion Ratio Lower Upper

70 100

42 56.7 47.5 71.3

101 9.7 7.4 11.2

130 22.4 16.6 25.0

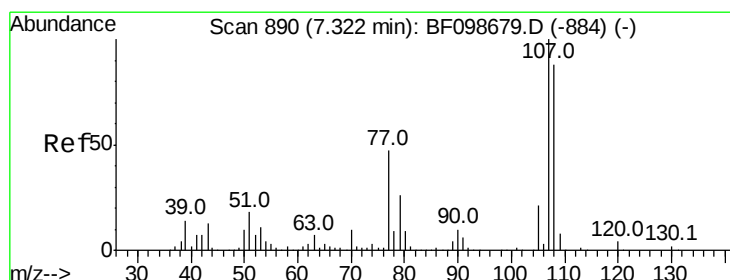
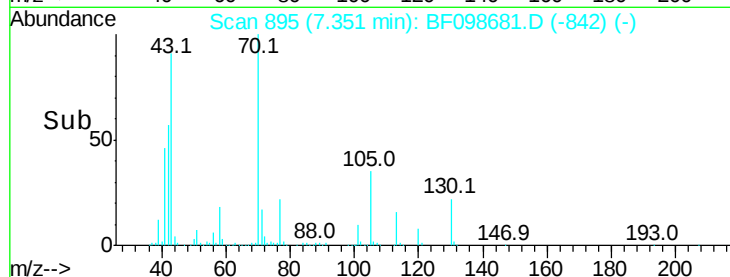
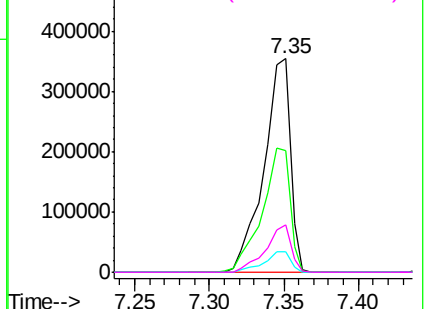


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 55.320 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Tgt Ion:107 Resp: 649735

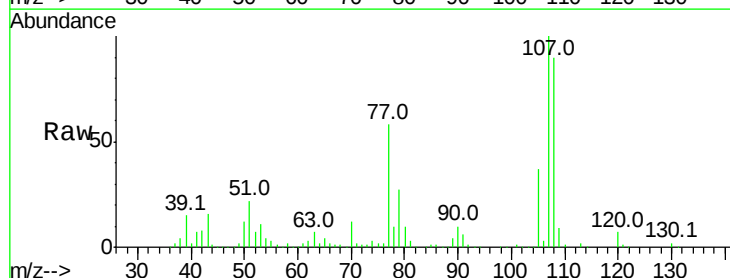
Ion Ratio Lower Upper

107 100

108 90.2 68.2 108.2

77 57.6 26.7 66.7

79 26.6 6.3 46.3

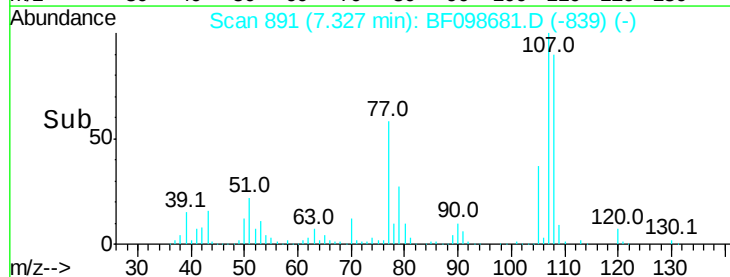
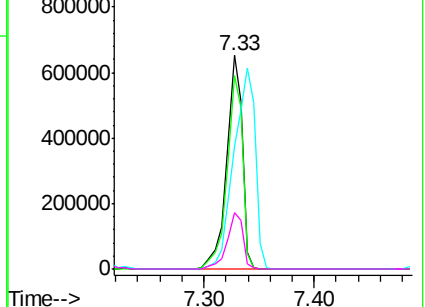


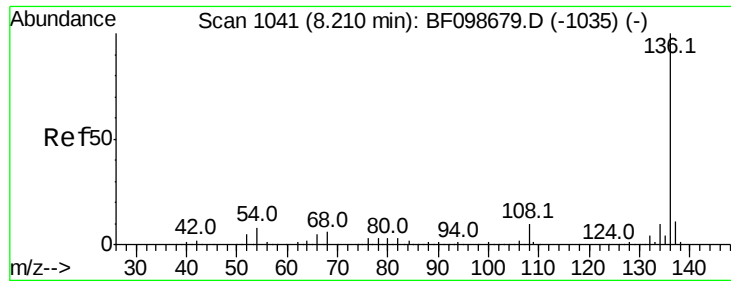
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

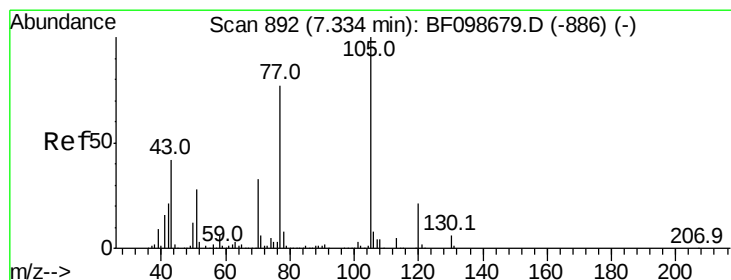
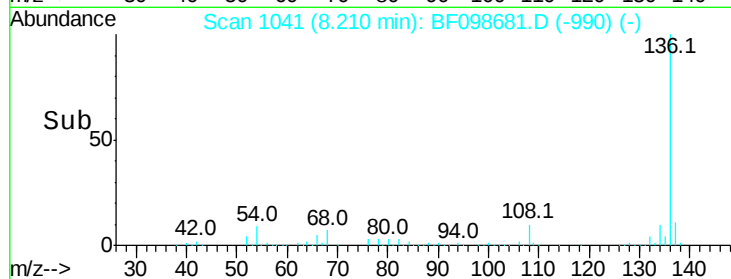
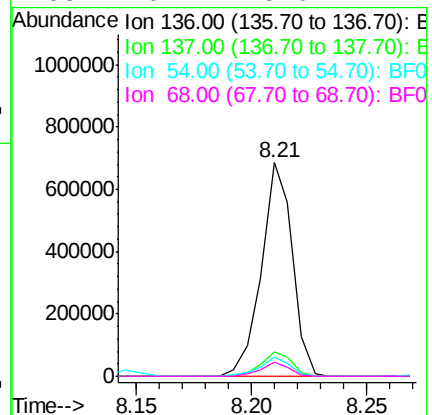
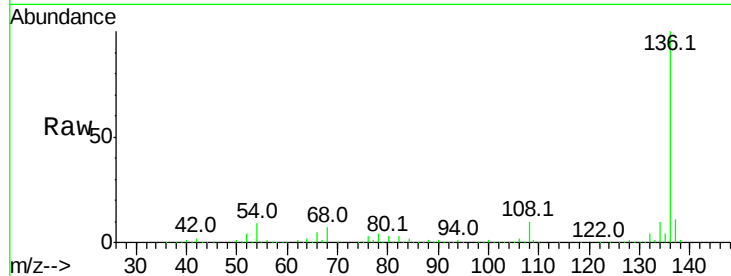




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

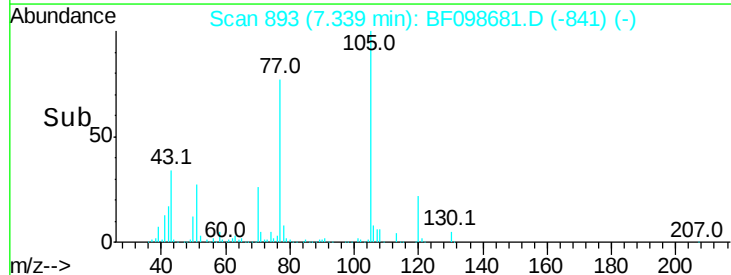
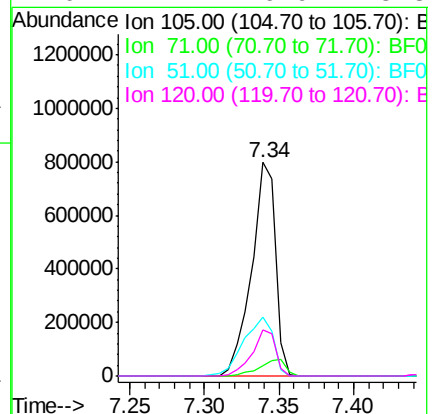
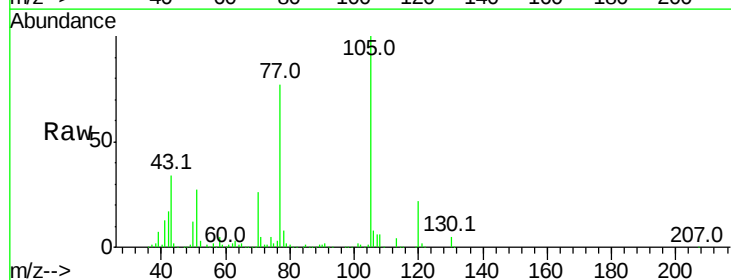
Instrument :
BNA_F
ClientSampleId :

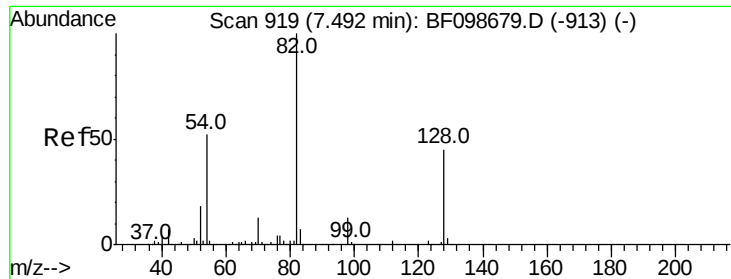
Tot Ion:136	Resp: 640589
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.9	6.6 9.8
68 6.7	5.0 7.4



#22
Acetophenone
Concen: 53.579 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt	Ion:105	Resp:	881478
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	27.4	22.3	33.5
120	21.7	16.9	25.3

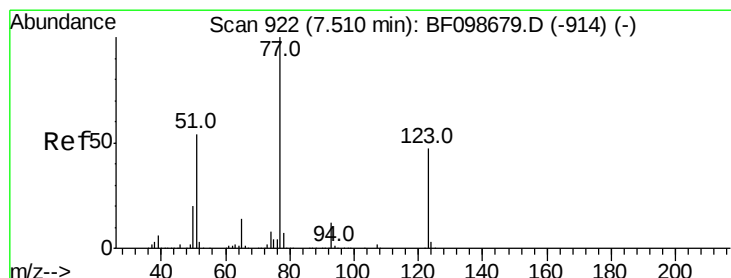
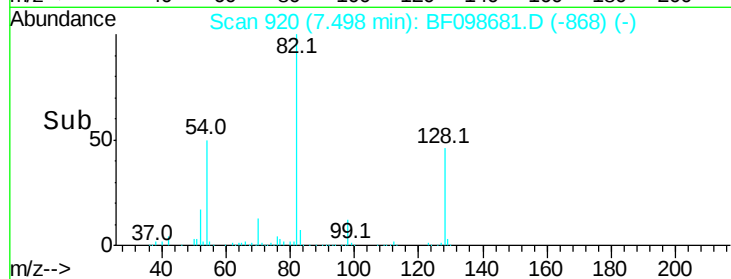
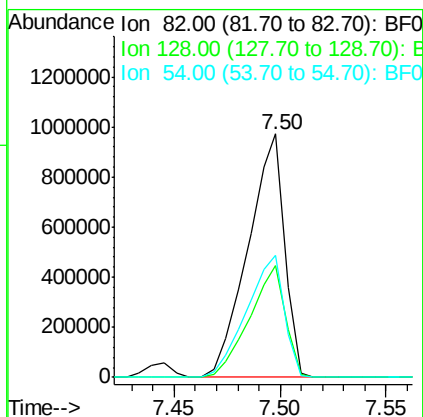
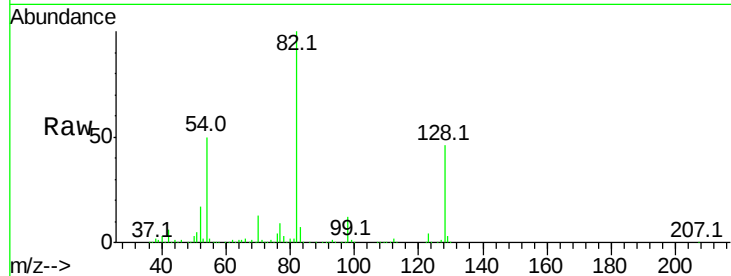




#23
 Nitrobenzene-d5
 Concen: 103.914 ng
 RT: 7.50 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

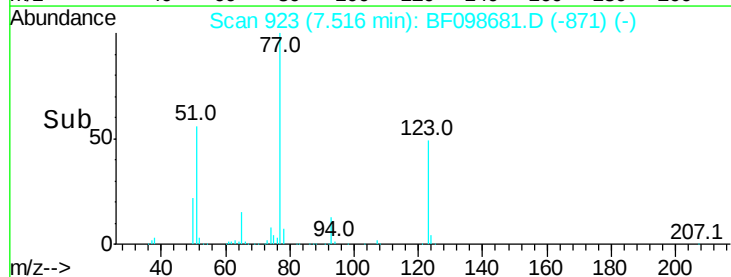
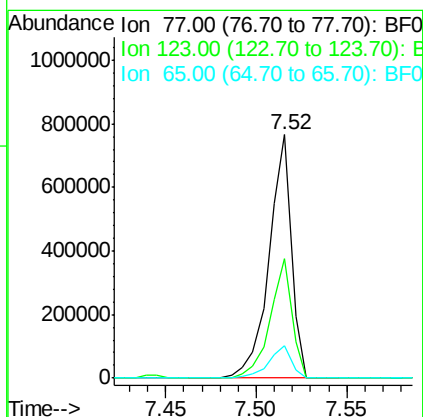
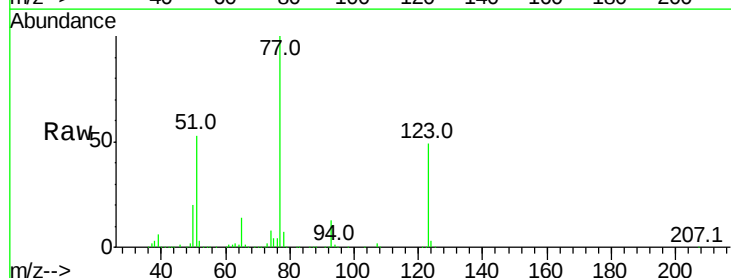
Instrument :
 BNA_F
 ClientSampleId :

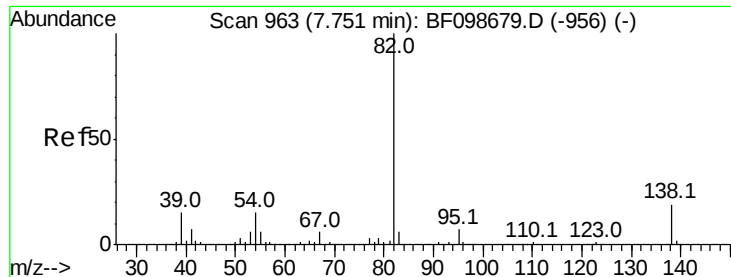
Tot Ion: 82 Resp: 1167499
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 50.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 51.186 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion: 77 Resp: 655876
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 53.166 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

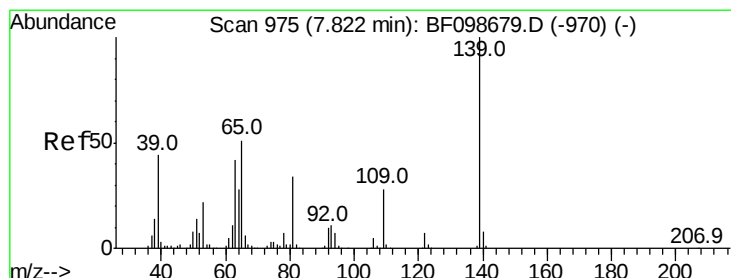
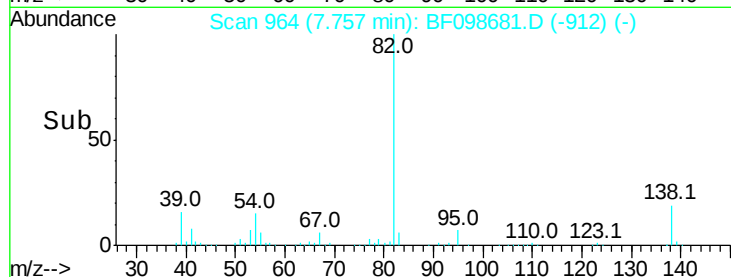
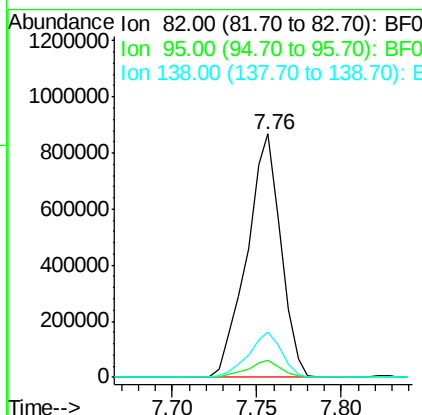
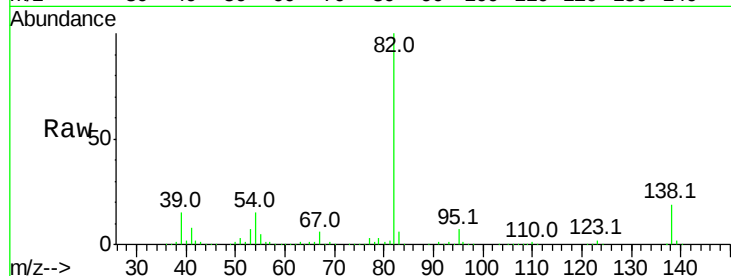
Tot Ion: 82 Resp: 1215020

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 59.152 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

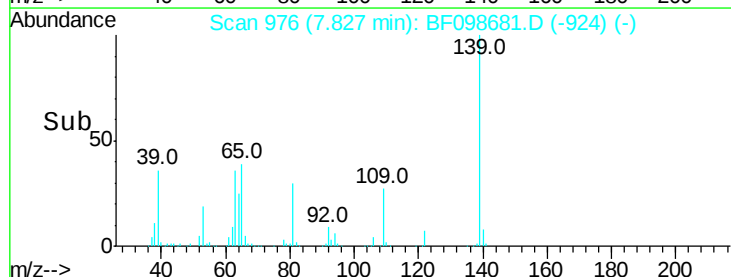
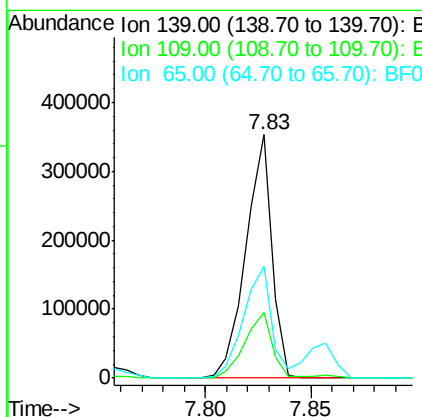
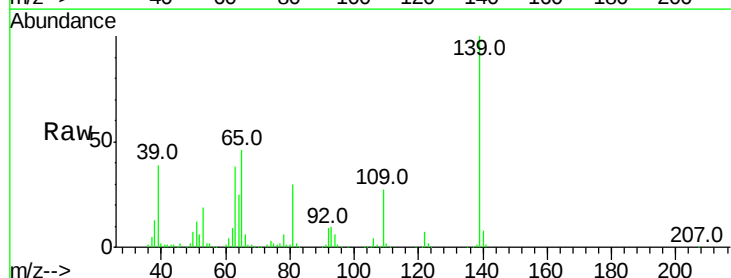
Tgt Ion: 139 Resp: 303533

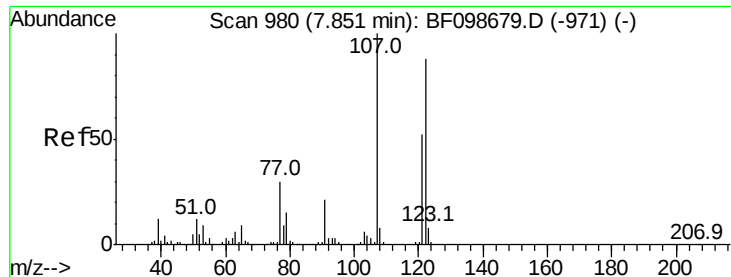
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 45.7 40.5 60.7

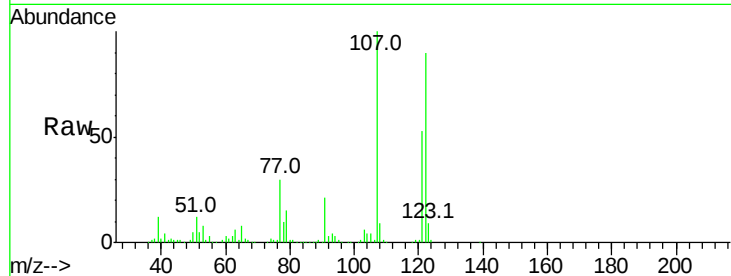




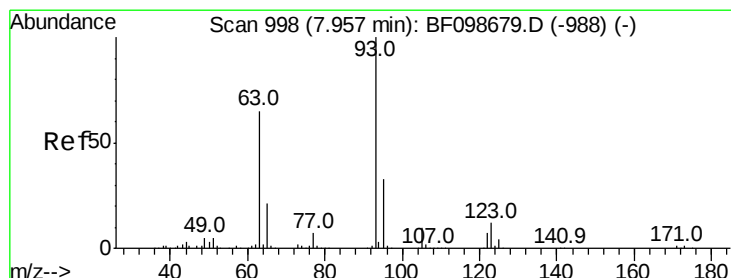
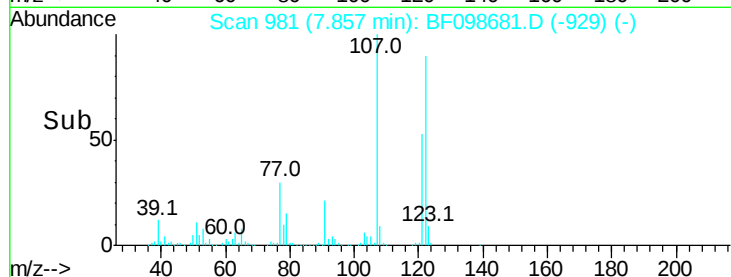
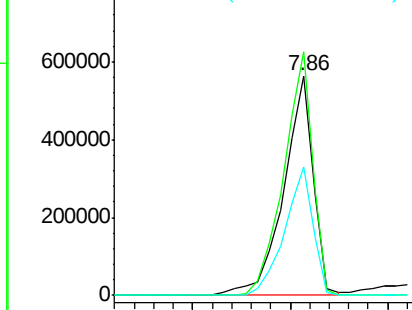
#27
 2,4-Dimethylphenol
 Concen: 58.439 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 589294
 Ion Ratio Lower Upper
 122 100
 107 110.7 91.2 136.8
 121 58.4 47.2 70.8

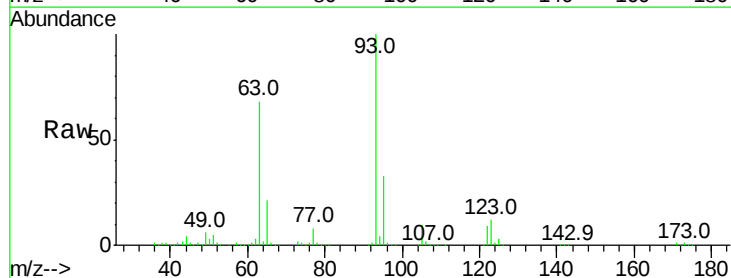


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

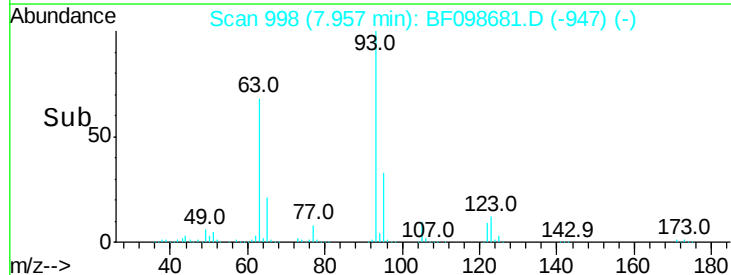
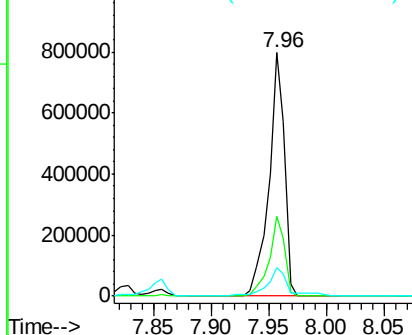


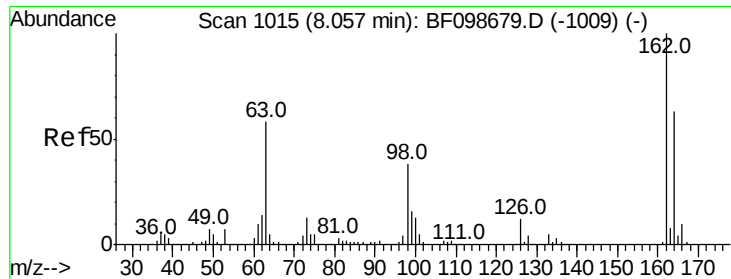
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.779 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion: 93 Resp: 750530
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.6 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

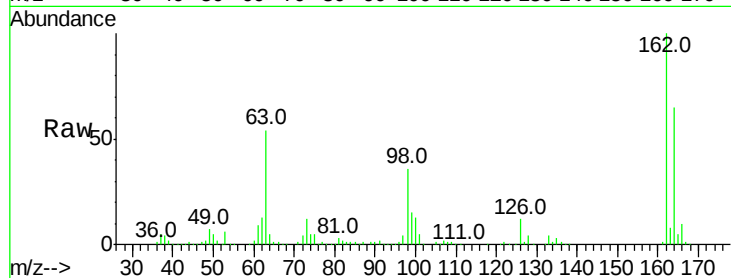




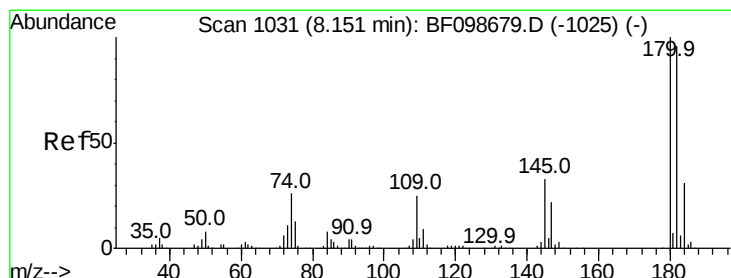
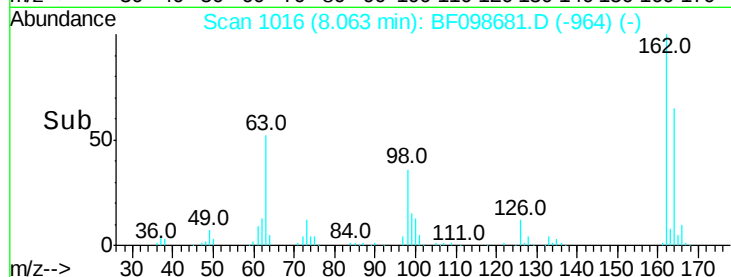
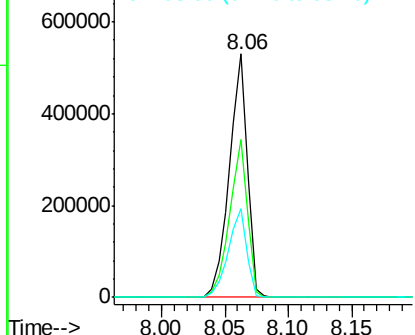
#29
2,4-Dichlorophenol
Concen: 61.768 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 518768
Ion Ratio Lower Upper
162 100
164 64.9 42.7 82.7
98 36.2 18.1 58.1

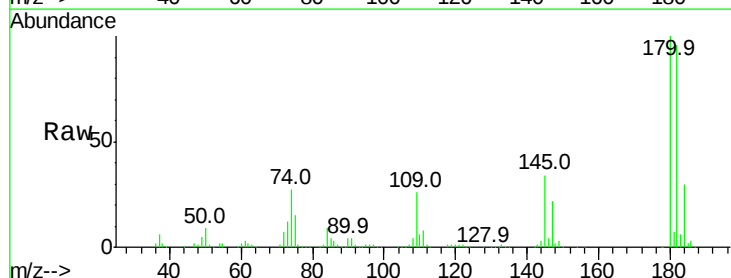


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

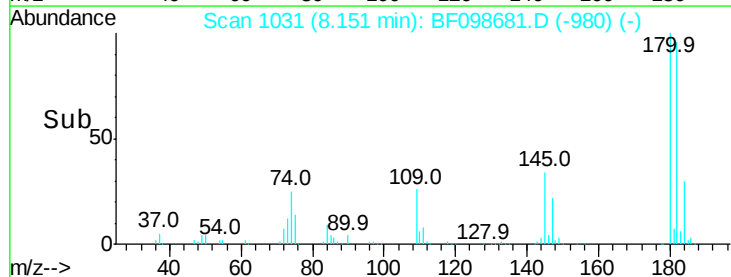
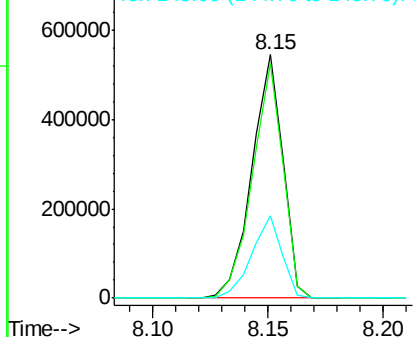


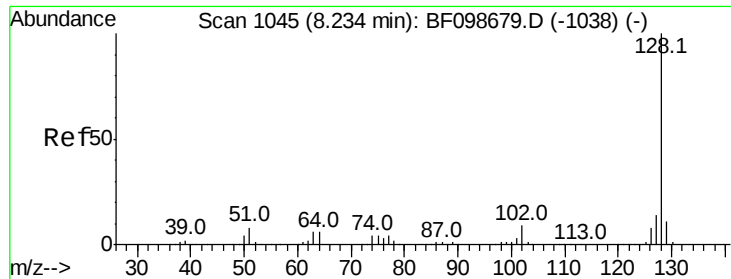
#30
1,2,4-Trichlorobenzene
Concen: 56.531 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:180 Resp: 511899
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 34.0 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

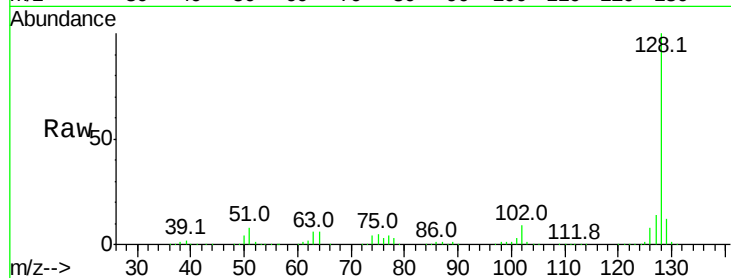




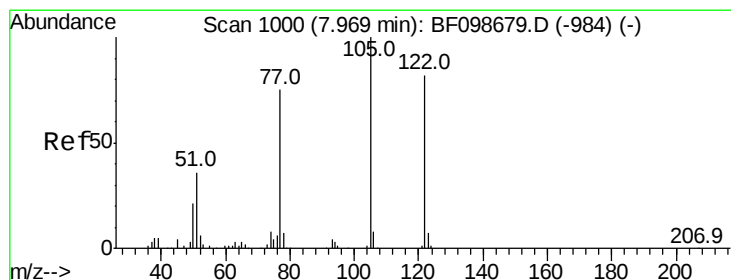
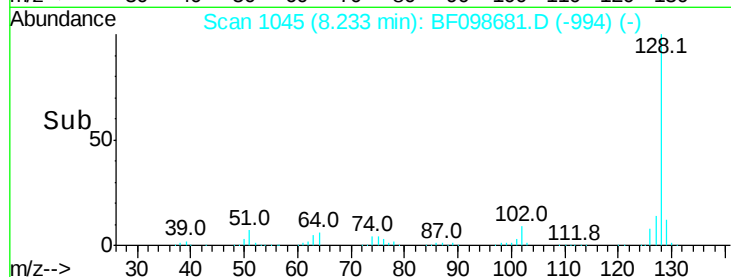
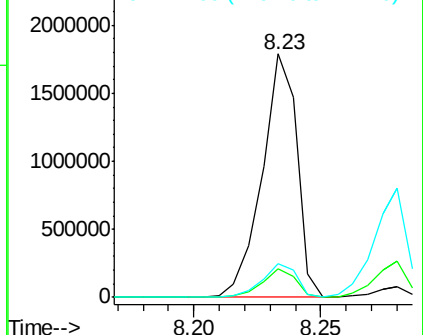
#31
Naphthalene
Concen: 54.641 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1723013
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

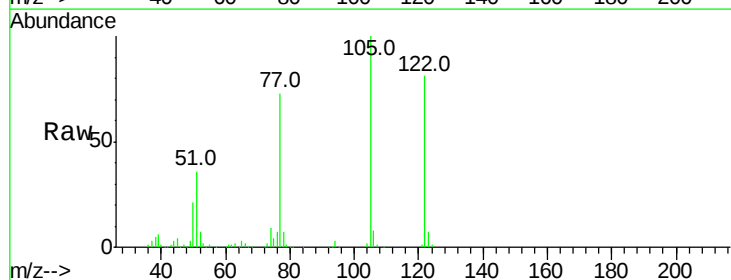


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

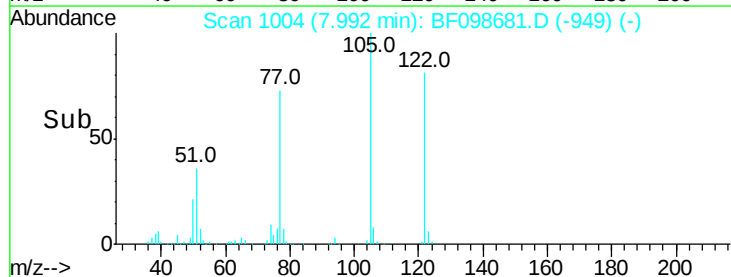
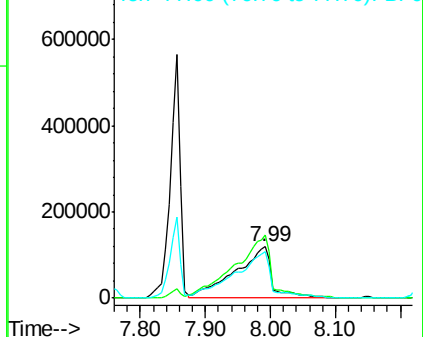


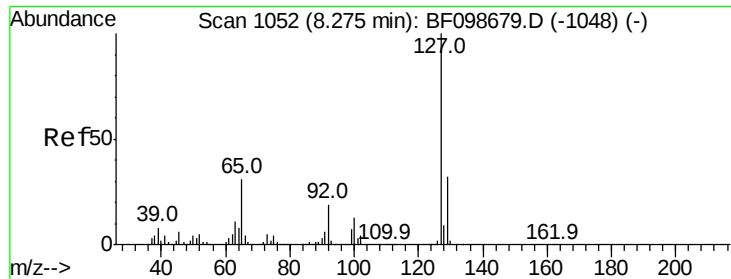
#32
Benzoic acid
Concen: 78.849 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:122 Resp: 464237
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 90.5 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

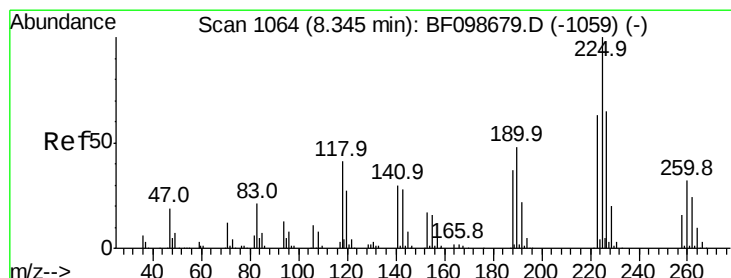
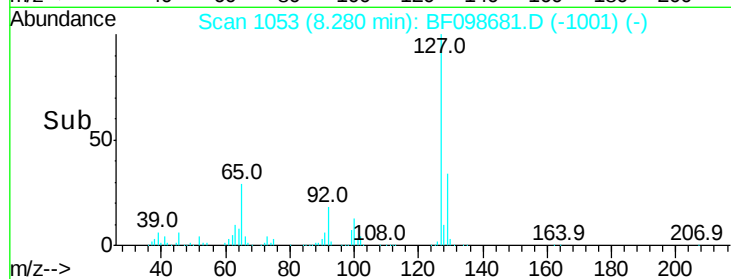
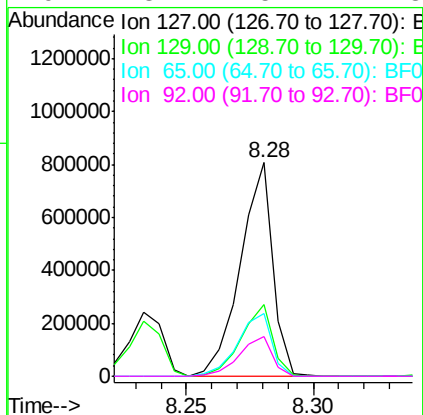
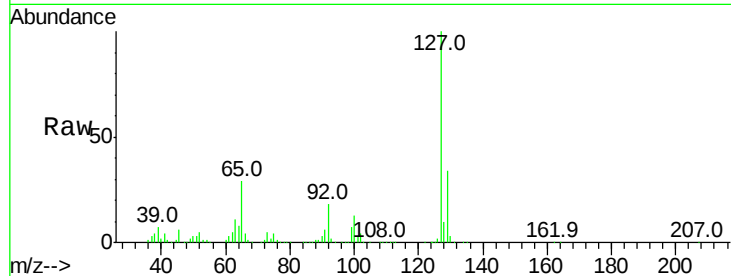




#33
 4-Chloroaniline
 Concen: 55.752 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

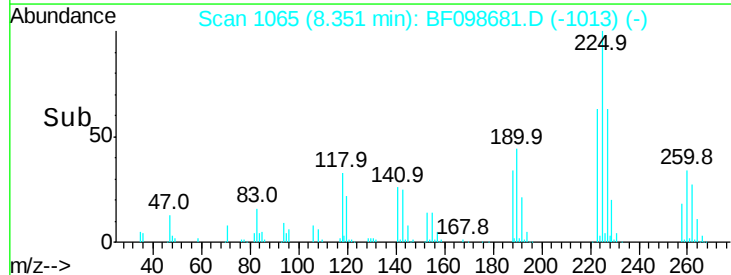
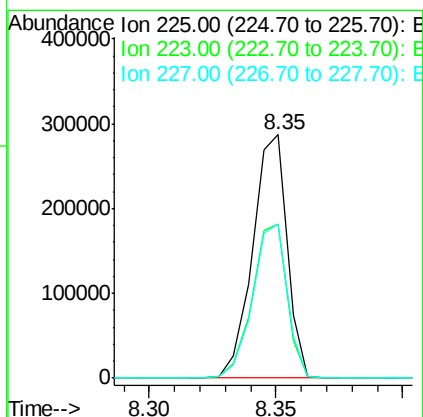
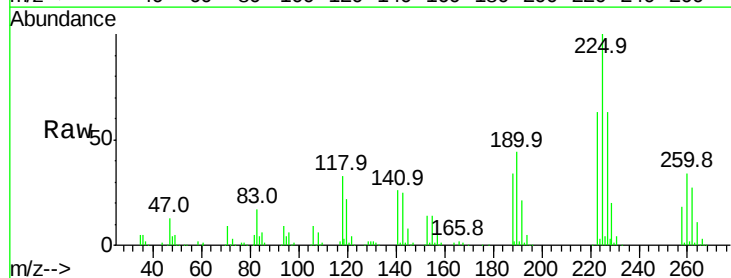
Instrument :
 BNA_F
 ClientSampleId :

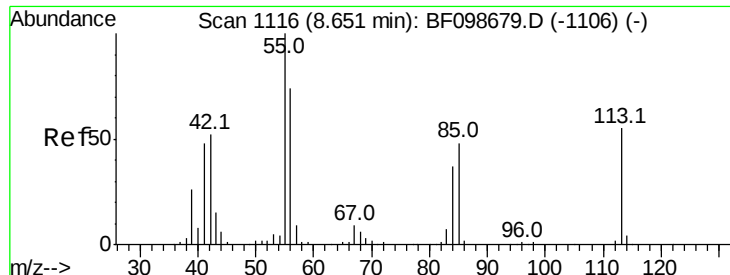
Tot Ion:	127	Resp:	715295
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	29.3	25.0	37.4
92	18.4	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 58.230 ng
 RT: 8.35 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:	225	Resp:	272509
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.2	51.9	77.9

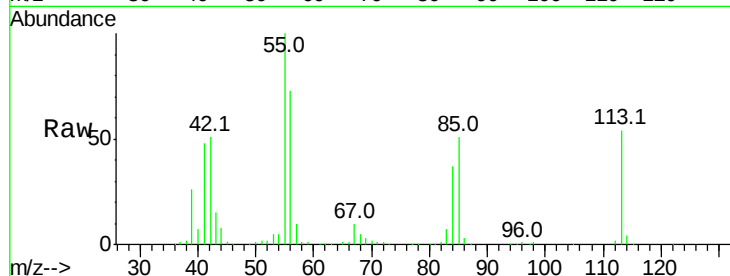




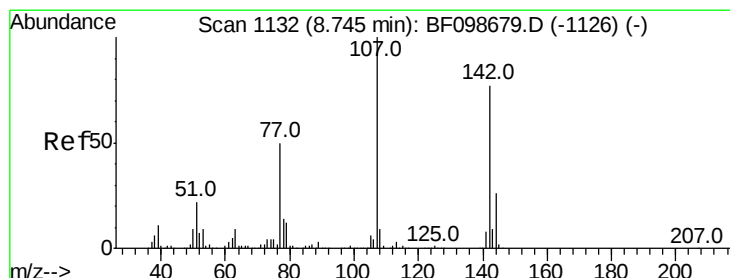
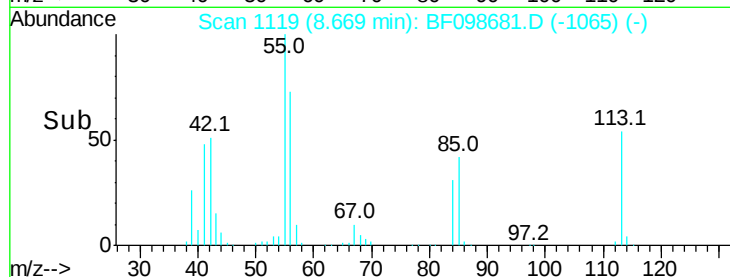
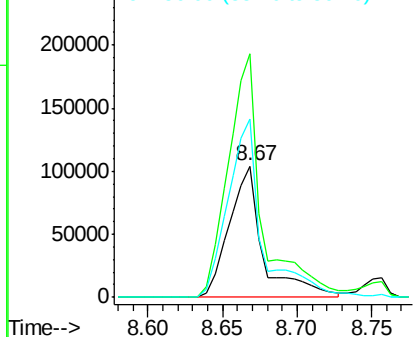
#35
Caprolactam
Concen: 57.304 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 165778
Ion Ratio Lower Upper
113 100
55 185.9 163.3 203.3
56 136.3 115.7 155.7

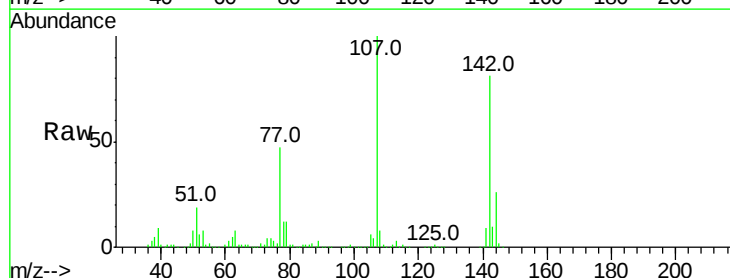


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

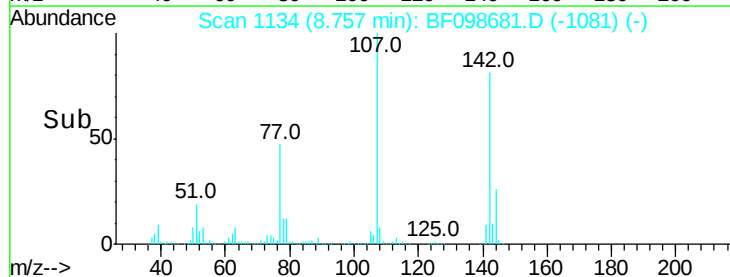
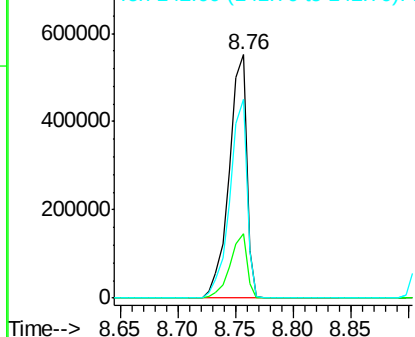


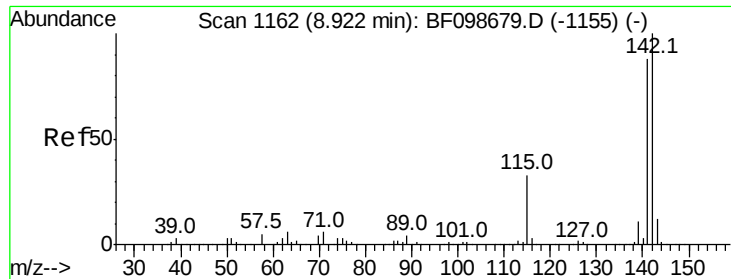
#36
4-Chloro-3-methylphenol
Concen: 56.728 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:107 Resp: 585185
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 81.4 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

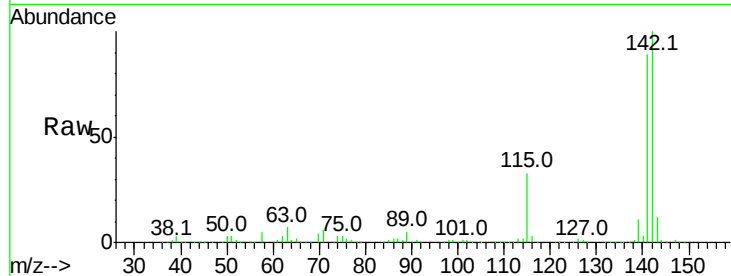




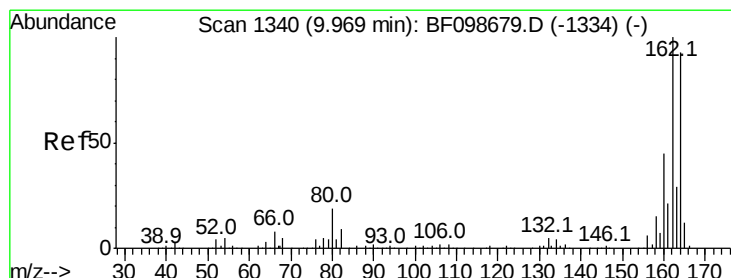
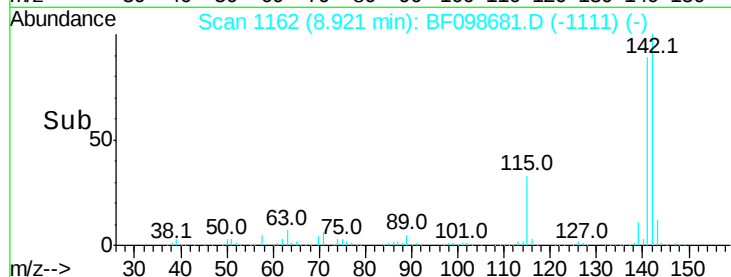
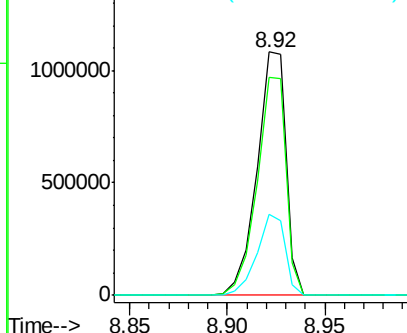
#37
 2-Methylnaphthalene
 Concen: 57.955 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 1115490
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 33.1 26.1 39.1

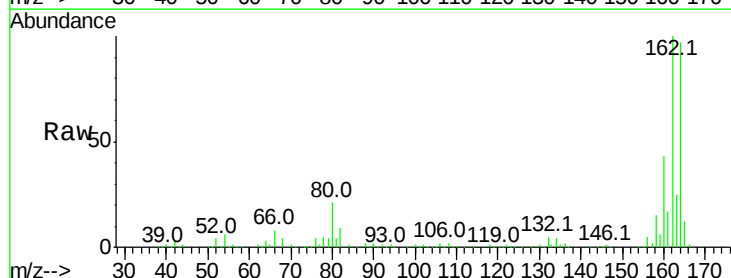


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

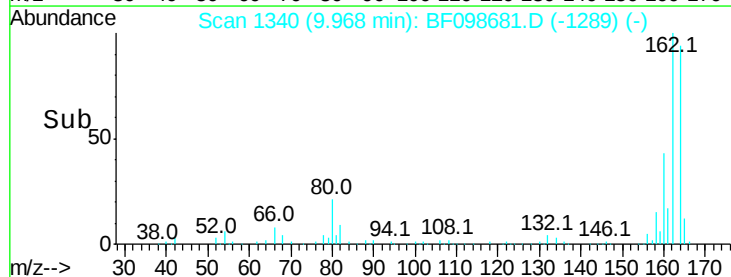
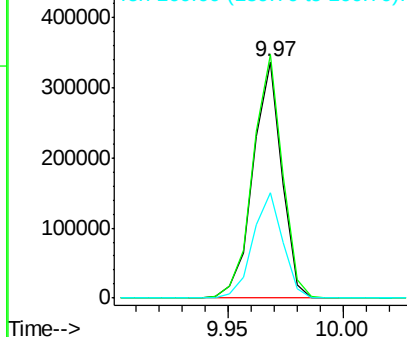


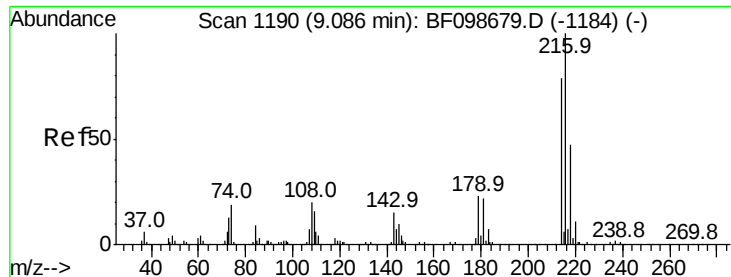
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:164 Resp: 293983
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 44.7 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

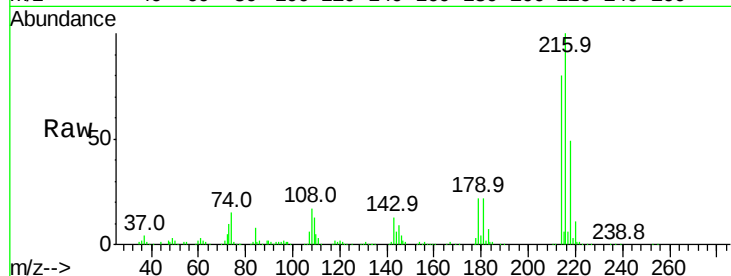




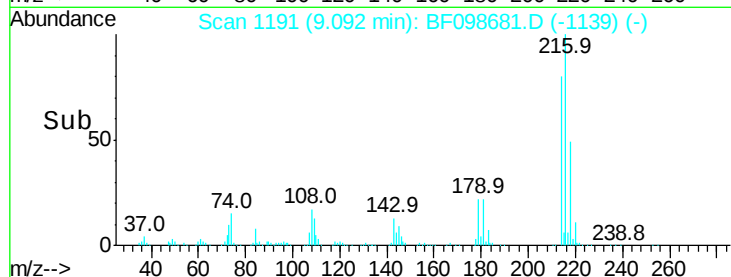
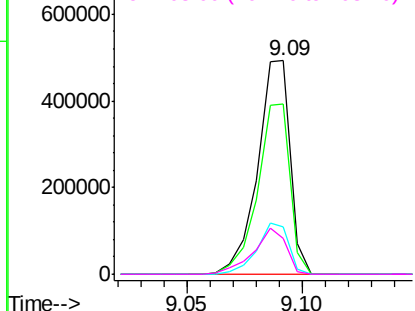
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.504 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	487788
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.1	18.1	27.1
108	21.7	17.2	25.8

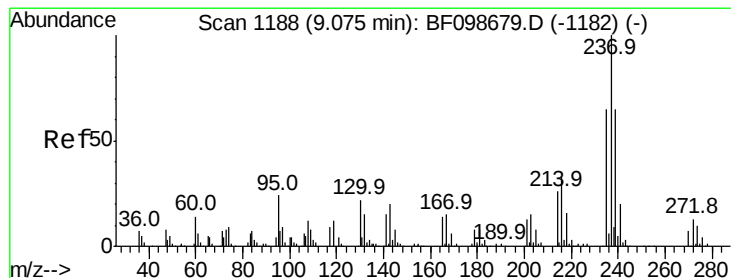


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

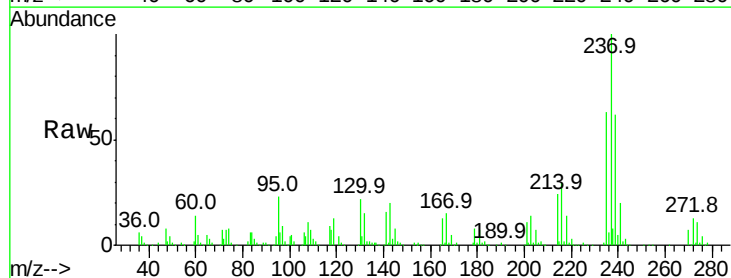
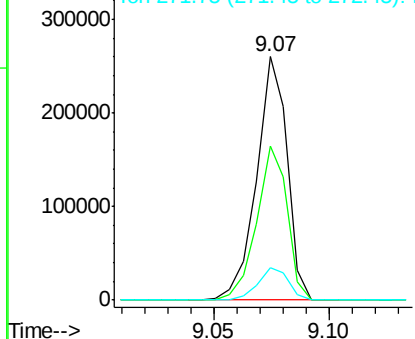


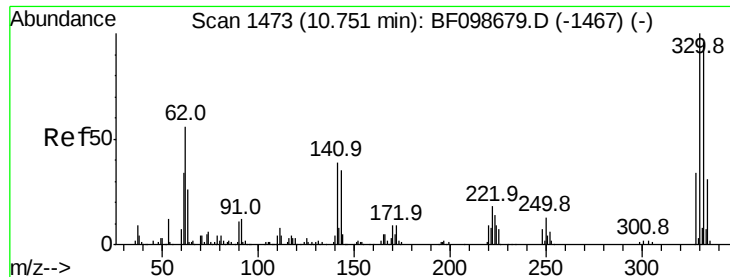
#40
 Hexachlorocyclopentadiene
 Concen: 102.213 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:	237	Resp:	239867
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.3	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

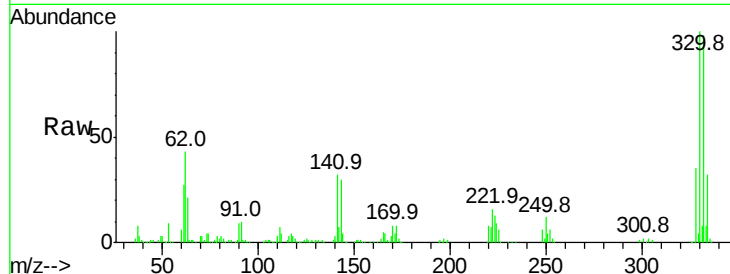




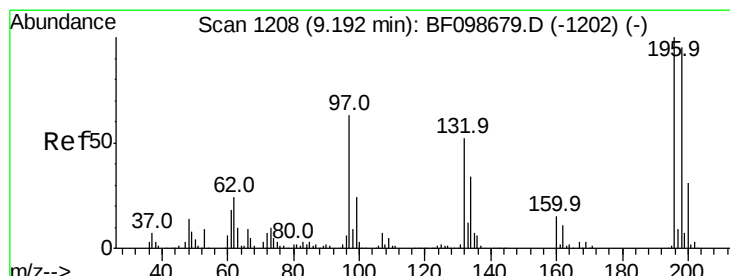
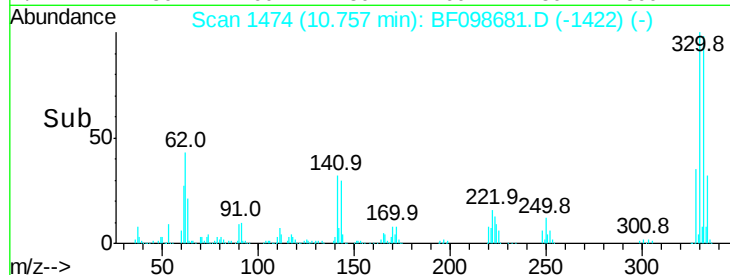
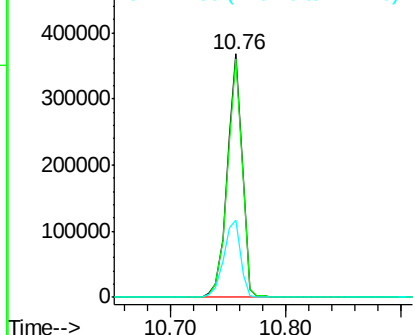
#41
 2,4,6-Tribromophenol
 Concen: 157.573 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.2	29.9	44.9

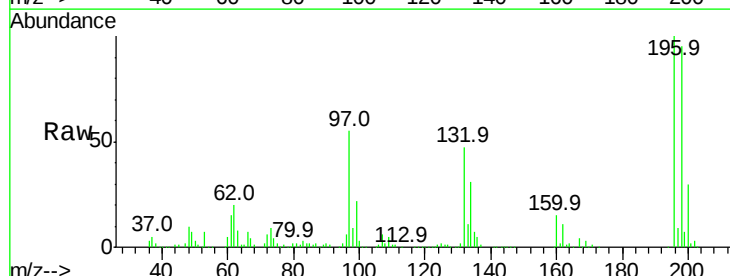


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

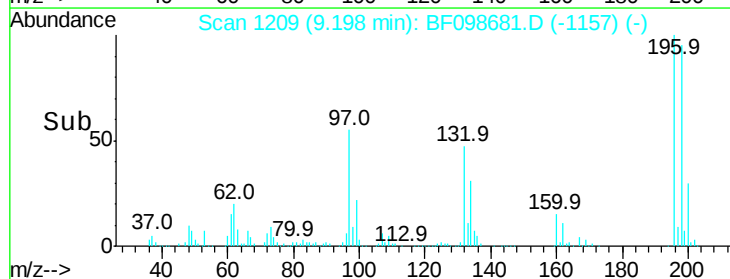
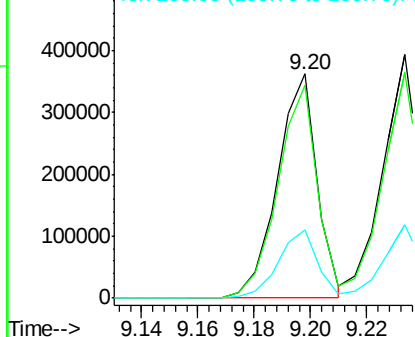


#42
 2,4,6-Trichlorophenol
 Concen: 64.736 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	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

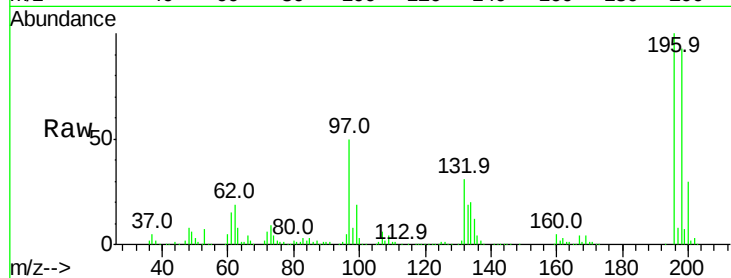




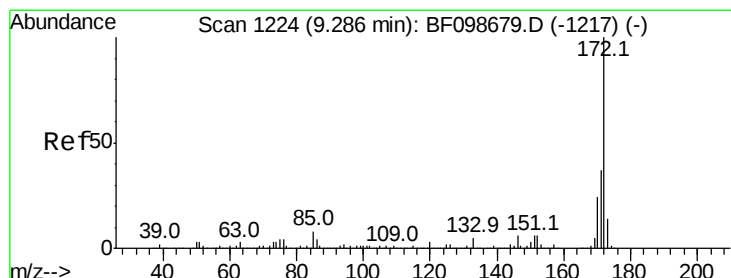
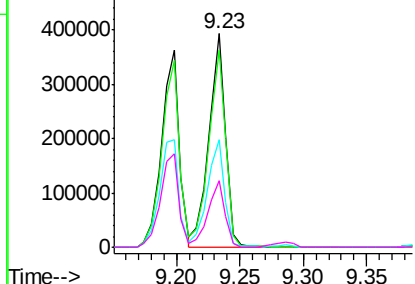
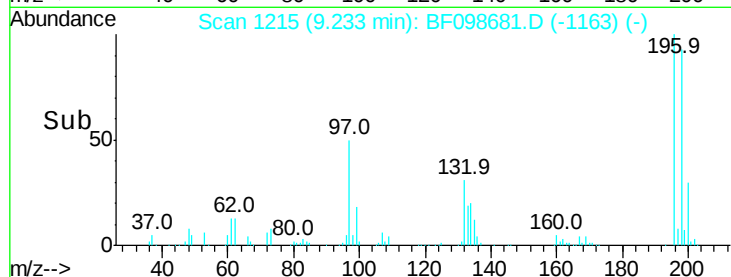
#43
 2,4,5-Trichlorophenol
 Concen: 63.929 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 362936
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.6 112.0
 97 50.4 42.9 64.3
 132 30.9 26.3 39.5

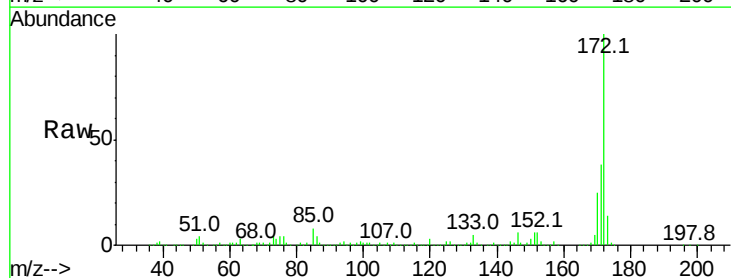


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

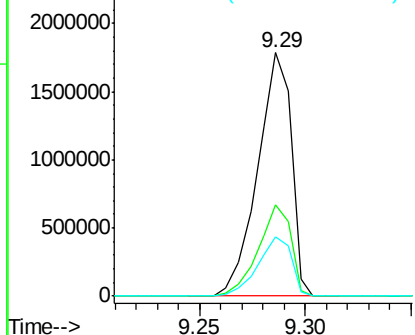
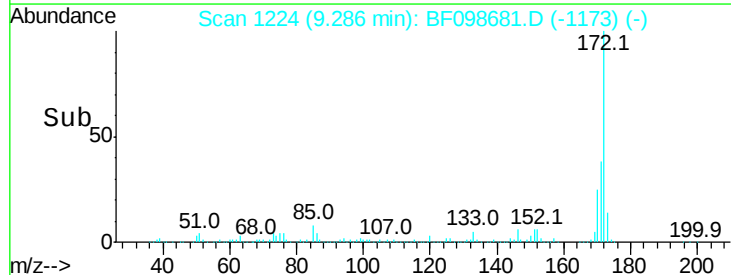


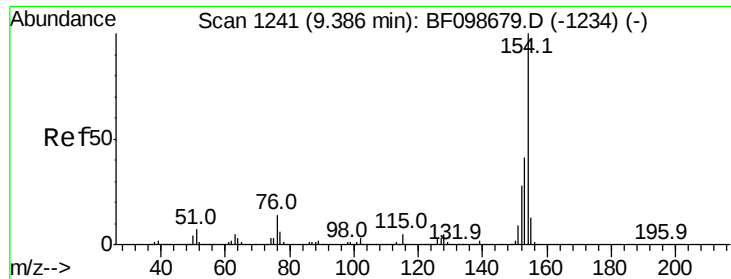
#44
 2-Fluorobiphenyl
 Concen: 113.378 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:172 Resp: 1974732
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 24.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 53.022 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

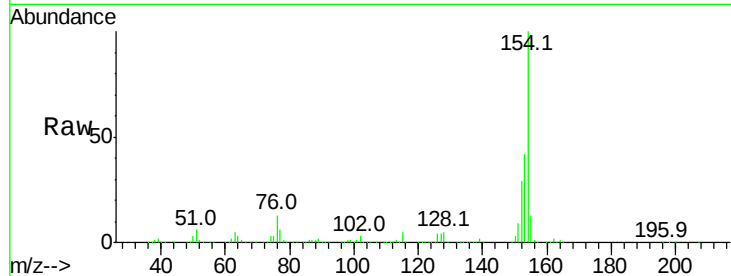
Tot Ion:154 Resp: 1391086

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

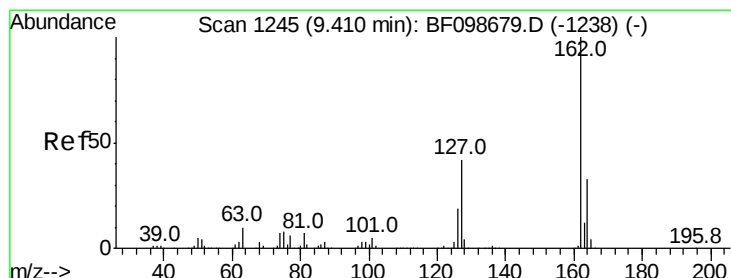
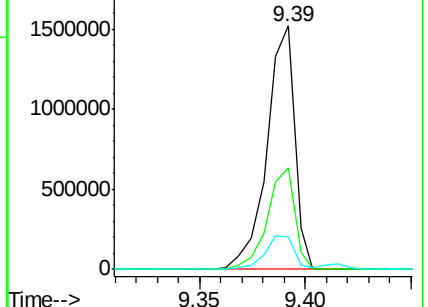
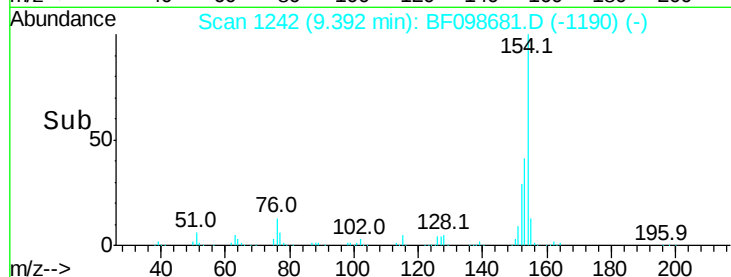
76 13.2 0.0 34.0



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: 56.905 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

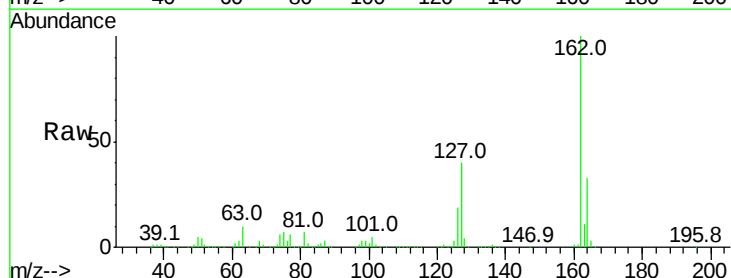
Tgt Ion:162 Resp: 1072499

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

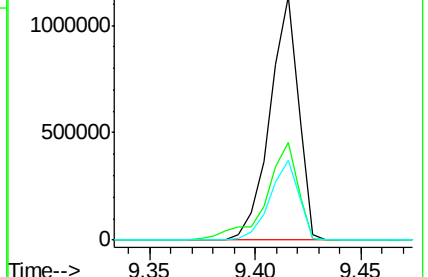
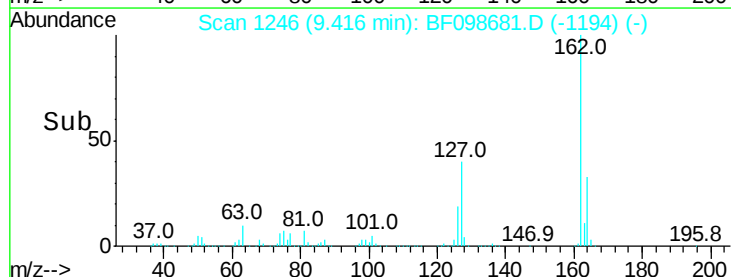
164 33.0 26.5 39.7



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

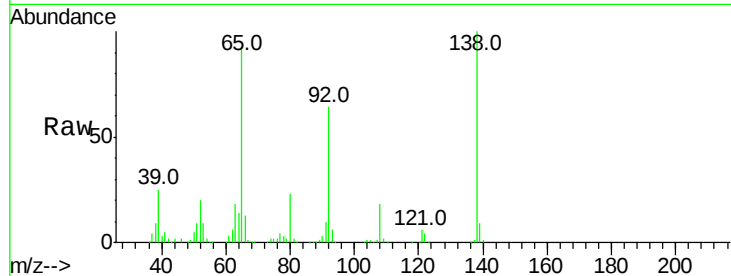




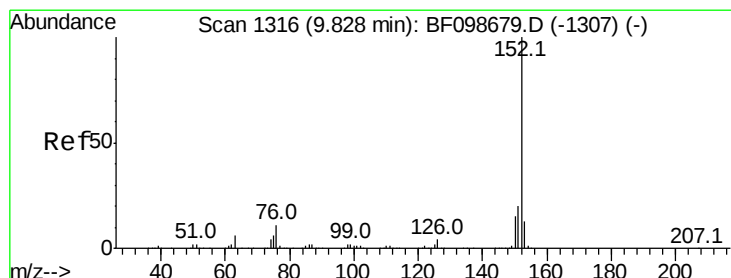
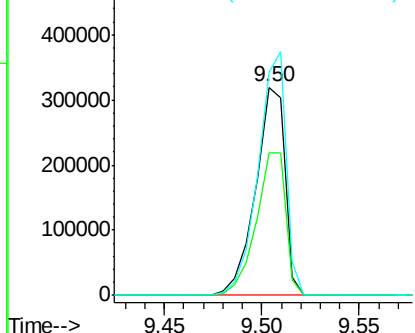
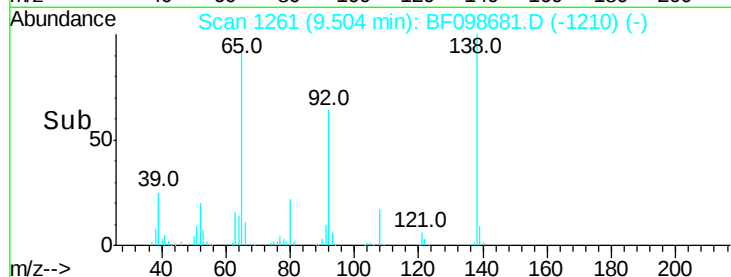
#47
2-Nitroaniline
Concen: 47.859 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 332581
Ion Ratio Lower Upper
65 100
92 68.3 55.8 83.6
138 107.4 91.2 136.8

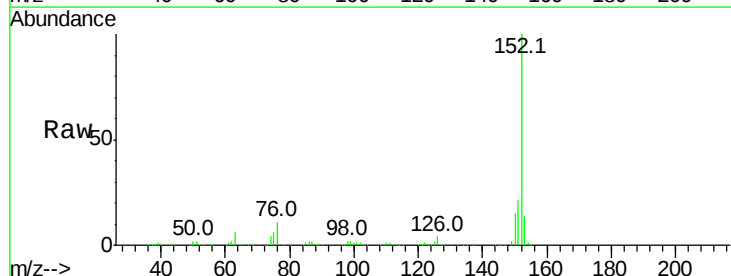


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

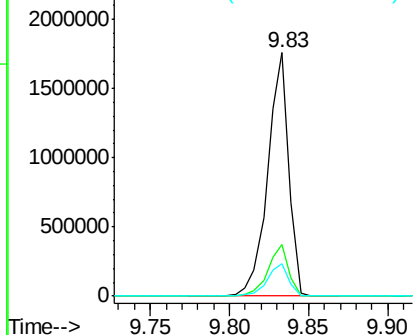
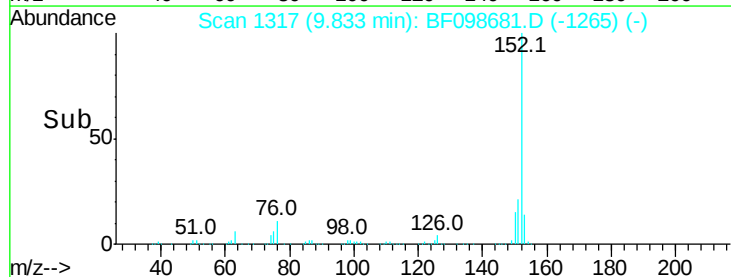


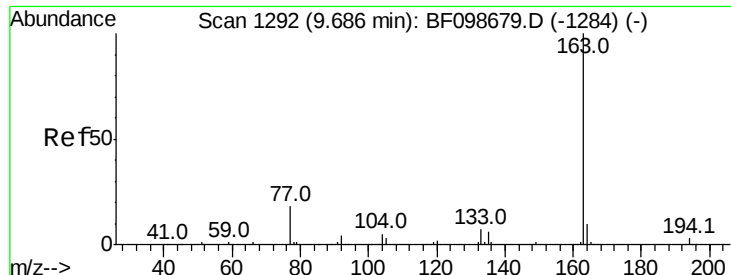
#48
Acenaphthylene
Concen: 58.121 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion: 152 Resp: 1642232
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 13.5 10.7 16.1



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

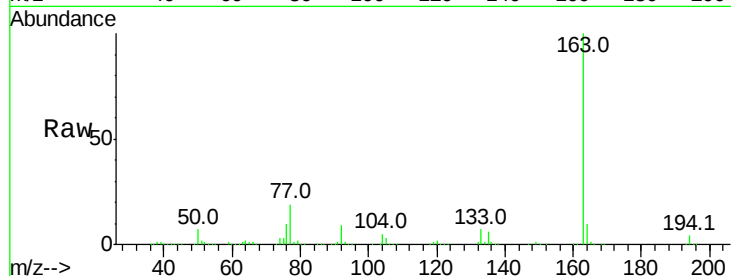




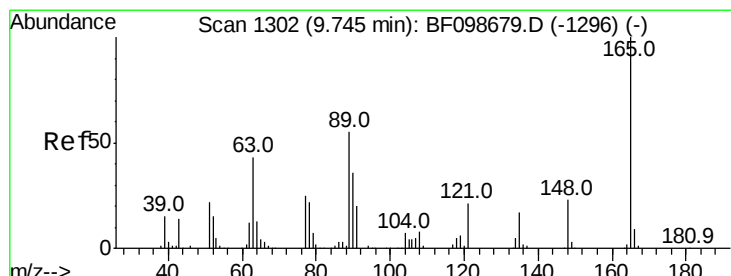
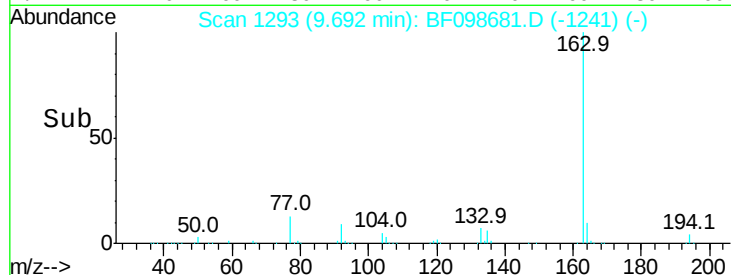
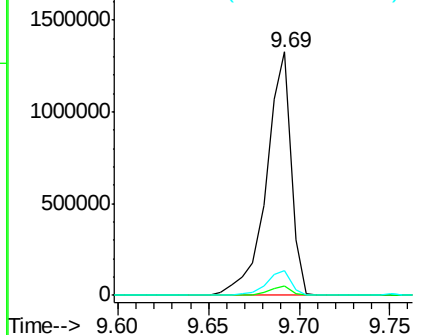
#49
 Dimethylphthalate
 Concen: 55.181 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 1253466
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.3 8.2 12.2

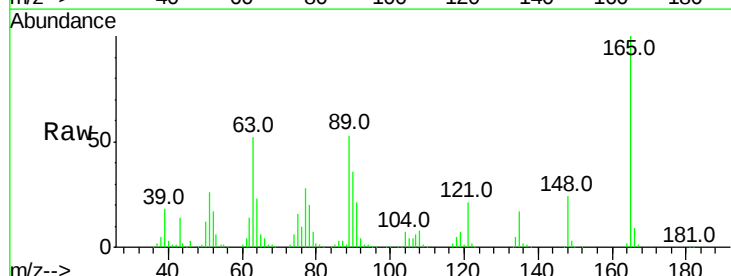


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

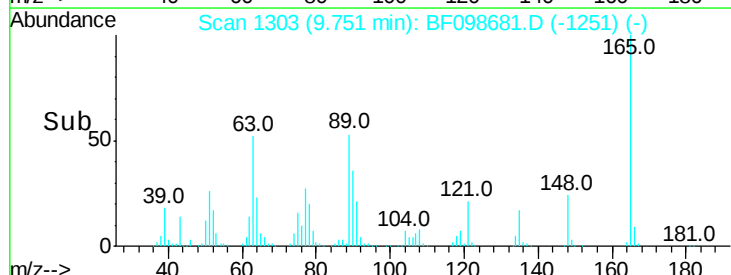
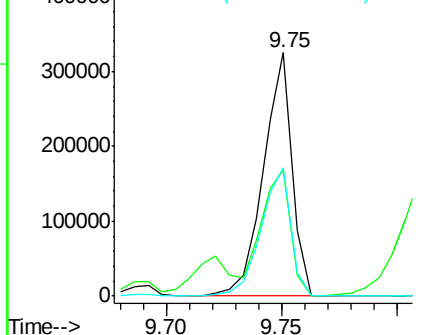


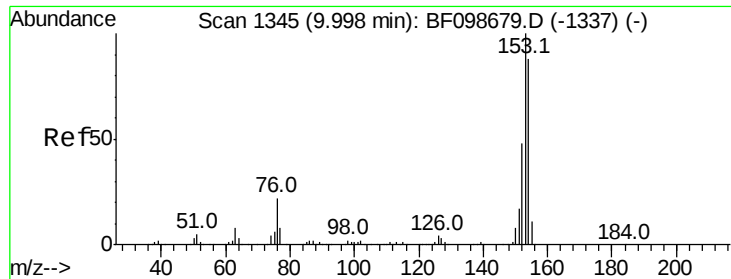
#50
 2,6-Dinitrotoluene
 Concen: 60.121 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:165 Resp: 280137
 Ion Ratio Lower Upper
 165 100
 63 51.5 44.7 67.1
 89 53.0 44.0 66.0



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





#51

Acenaphthene

Concen: 57.001 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

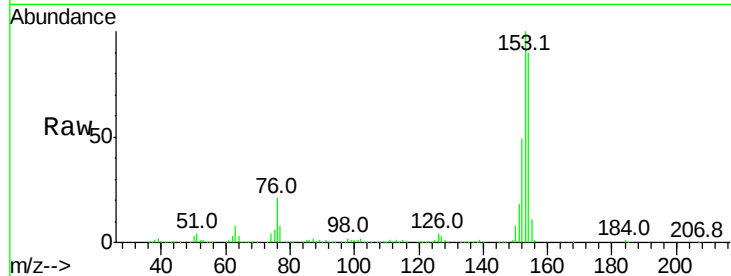
Tot Ion:154 Resp: 1019235

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

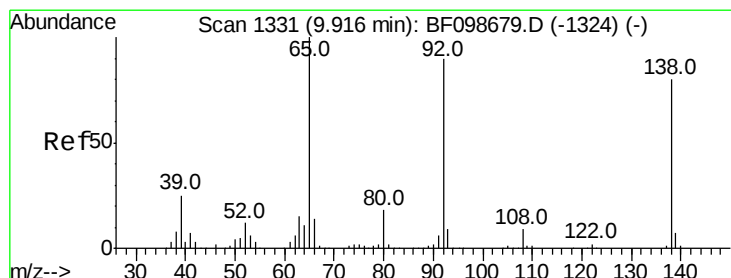
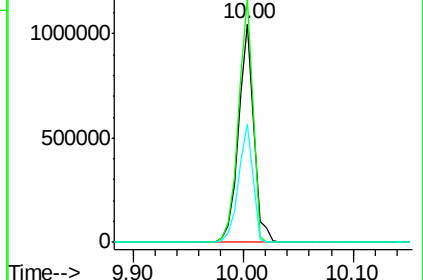
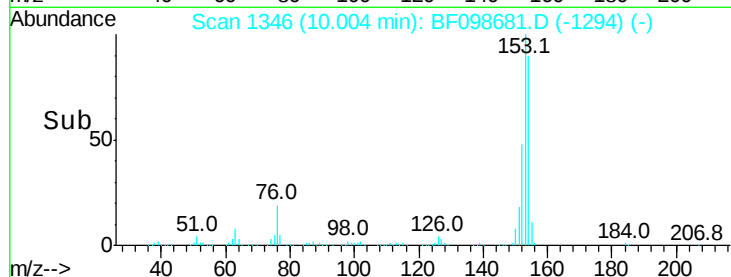
152 54.2 43.8 65.8



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: 57.692 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

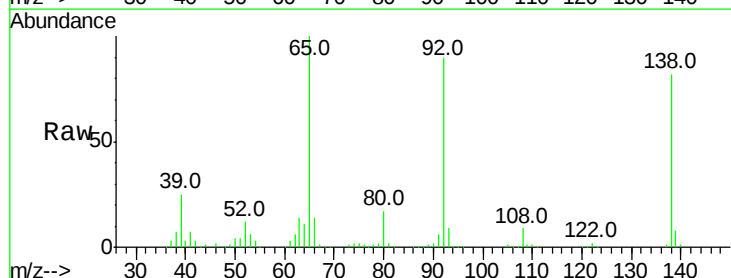
Tgt Ion:138 Resp: 323685

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

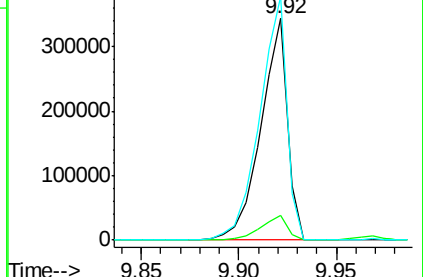
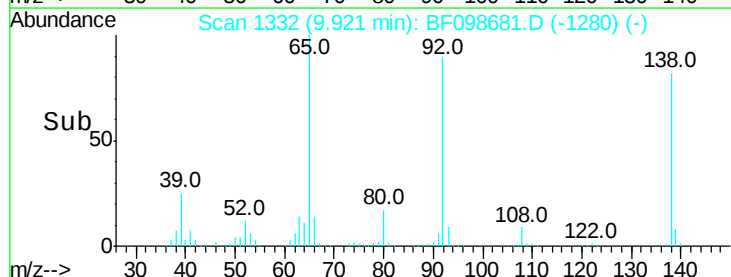
92 109.9 89.4 134.2



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

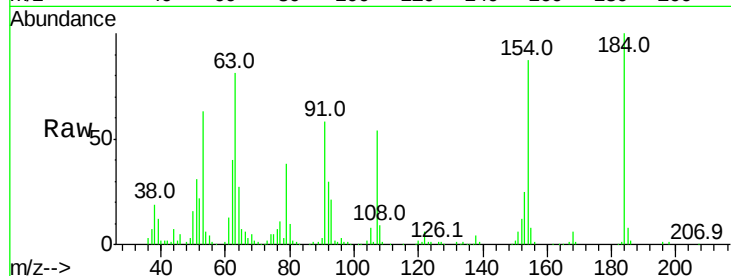




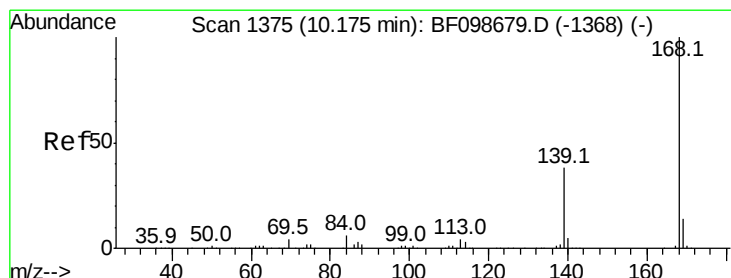
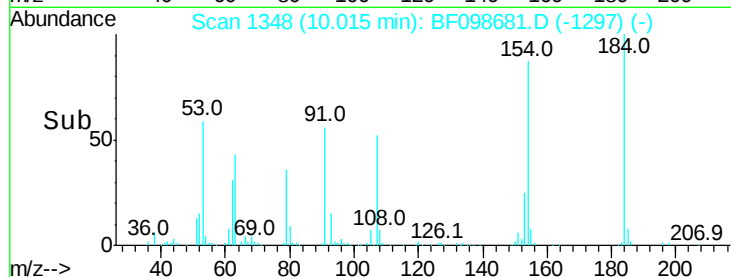
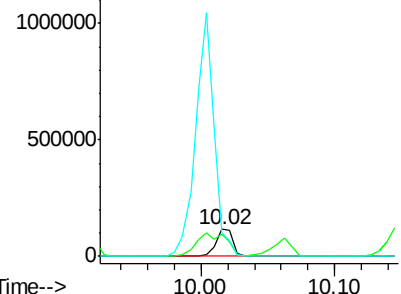
#53
2,4-Dinitrophenol
Concen: 61.022 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 103287
Ion Ratio Lower Upper
184 100
63 80.6 54.2 81.2
154 87.1 53.5 80.3#

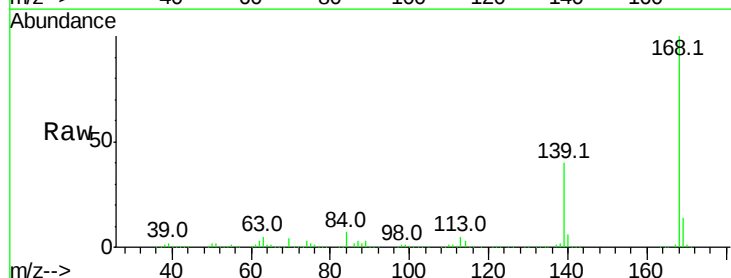


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

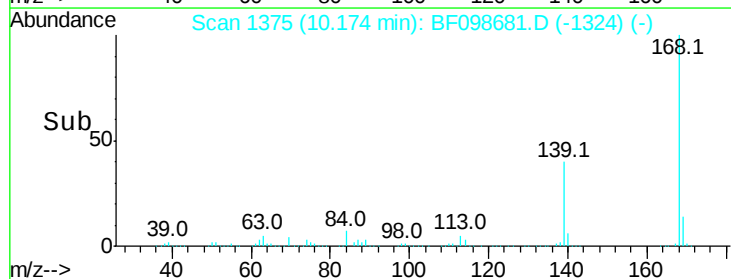
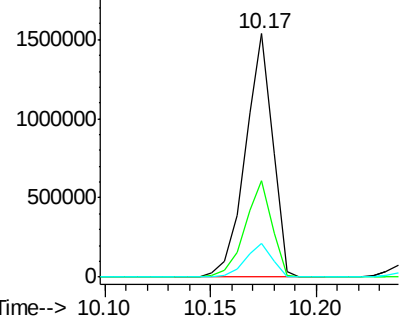


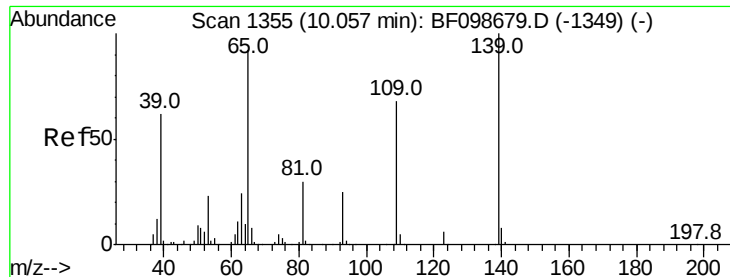
#54
Dibenzofuran
Concen: 58.293 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:168 Resp: 1380324
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 81.017 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

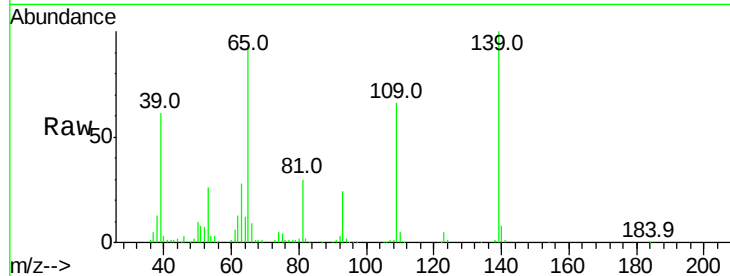
Tot Ion:139 Resp: 280115

Ion Ratio Lower Upper

139 100

109 66.0 48.4 88.4

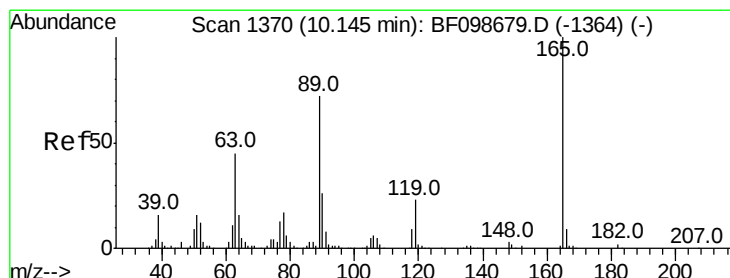
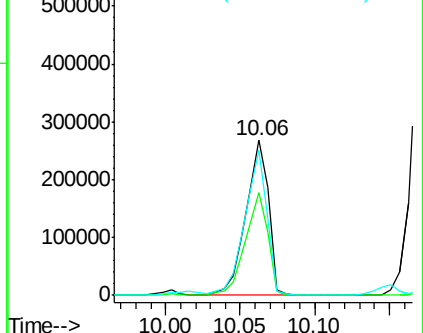
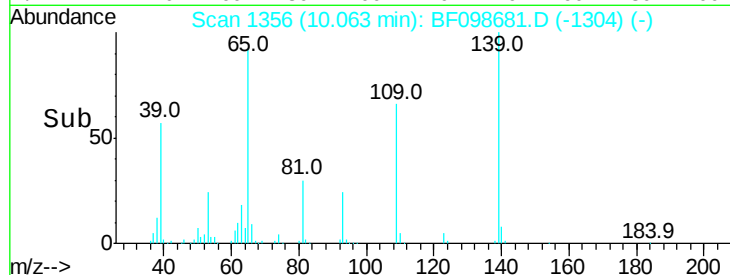
65 93.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 64.069 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Tgt Ion:165 Resp: 367777

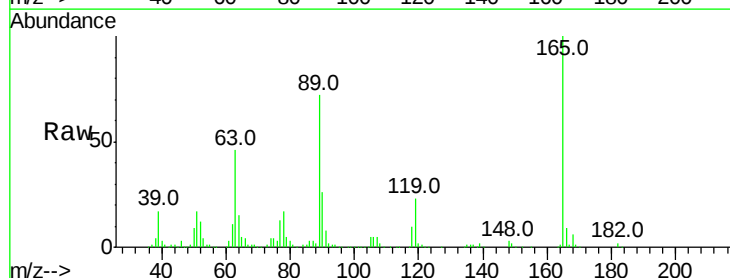
Ion Ratio Lower Upper

165 100

63 45.7 36.4 54.6

89 71.7 57.8 86.6

182 2.1 1.6 2.4

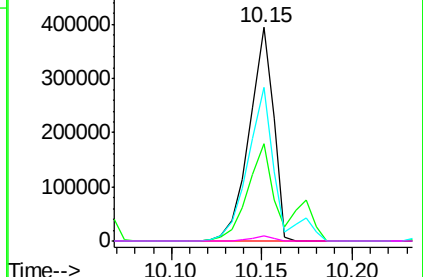
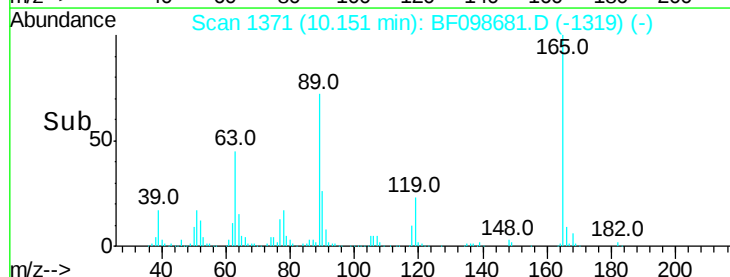


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 55.826 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampled :

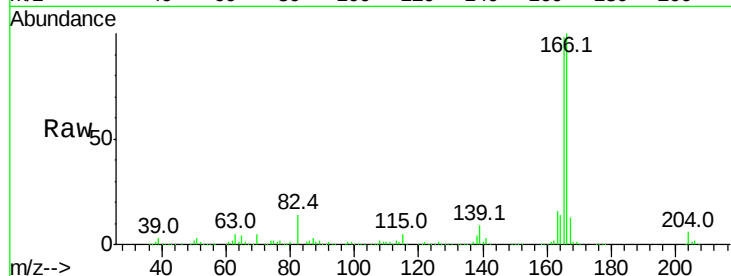
Tot Ion:166 Resp: 1089782

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

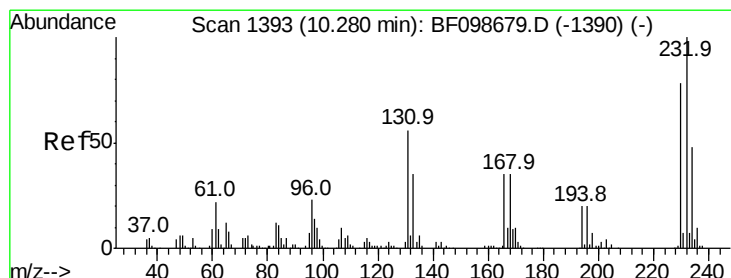
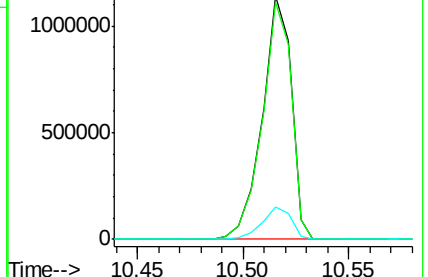
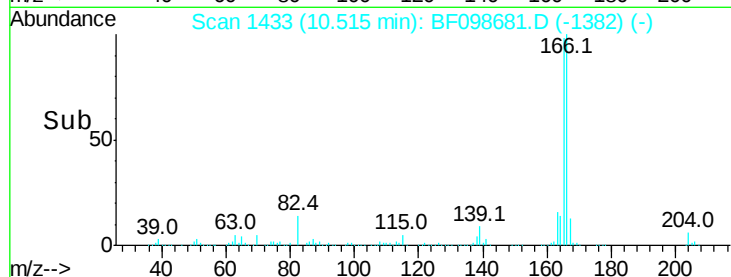
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 65.847 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Tgt Ion:232 Resp: 253528

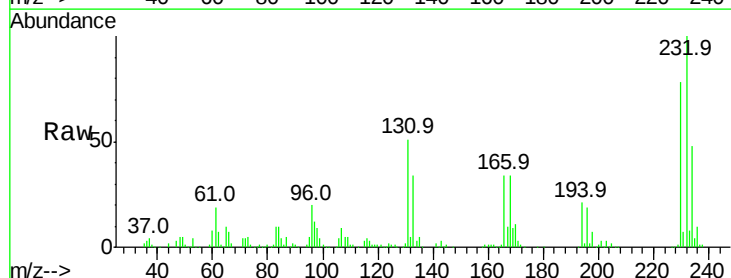
Ion Ratio Lower Upper

232 100

131 54.3 43.8 65.8

130 2.5 2.1 3.1

166 35.2 27.8 41.6

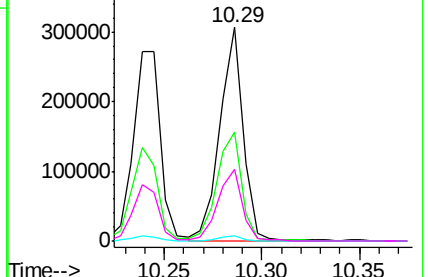
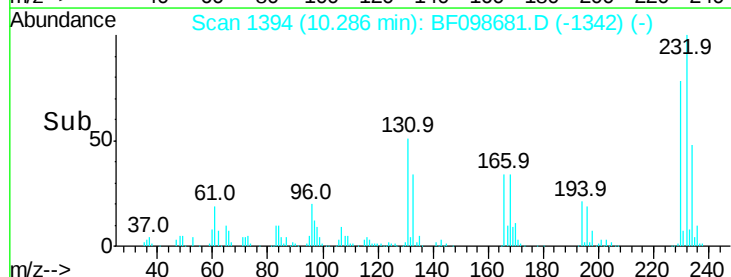


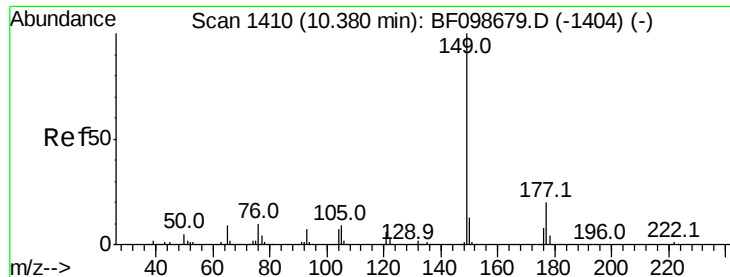
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

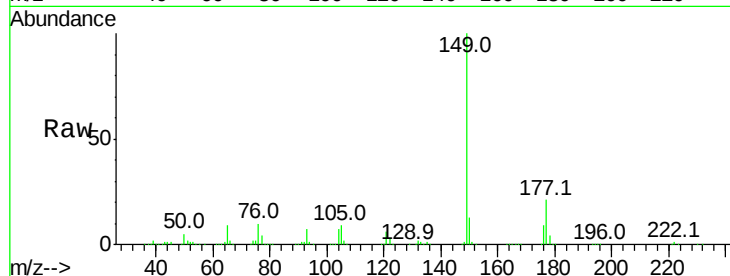




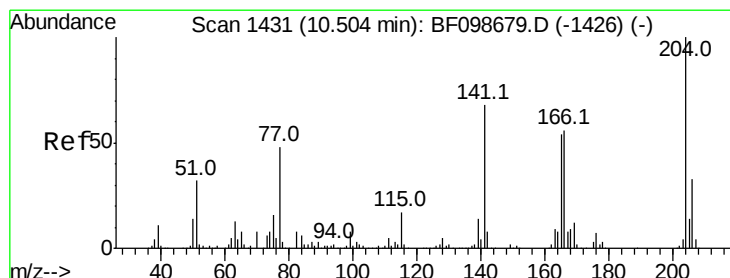
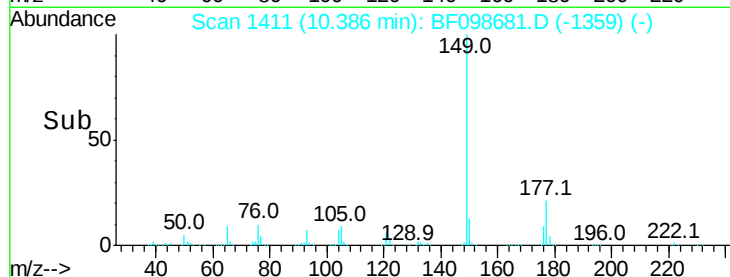
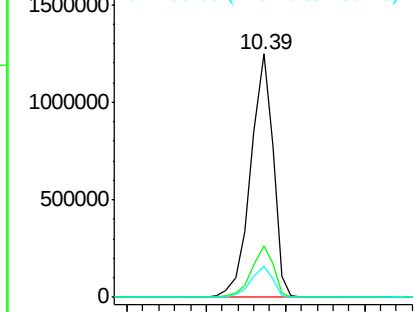
#59
Diethylphthalate
Concen: 56.249 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1222343
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.9 10.1 15.1

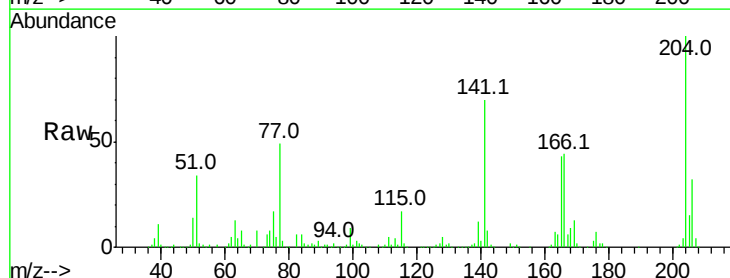


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

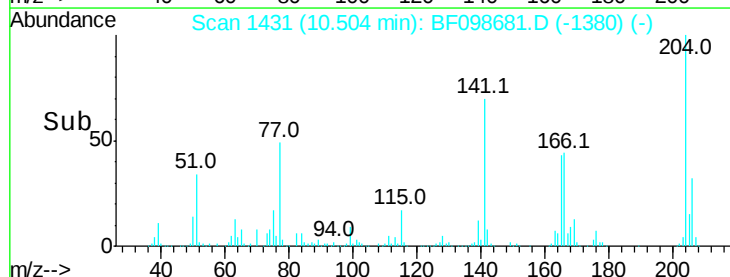
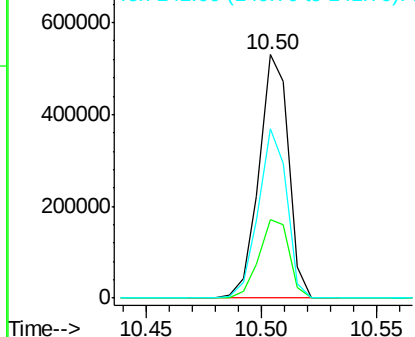


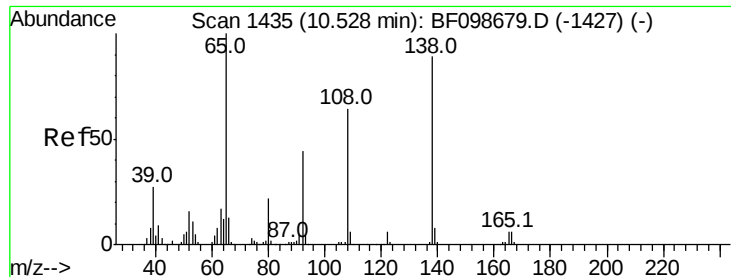
#60
4-Chlorophenyl-phenylether
Concen: 52.892 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:204 Resp: 473300
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 69.6 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

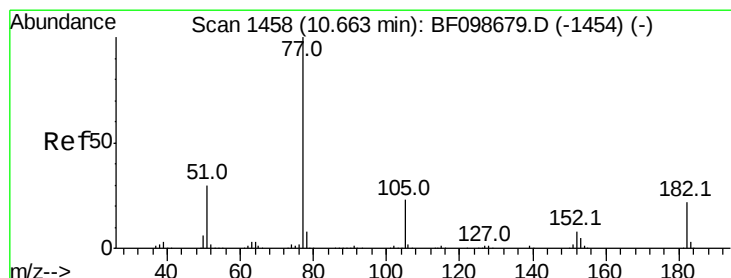
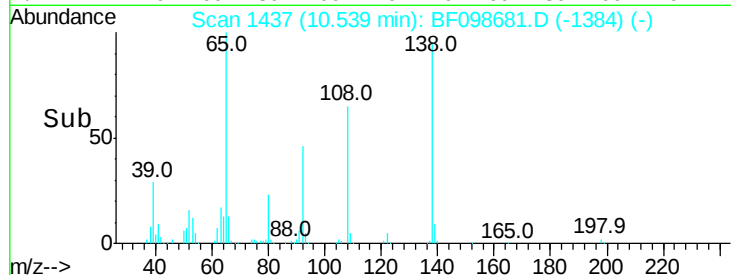
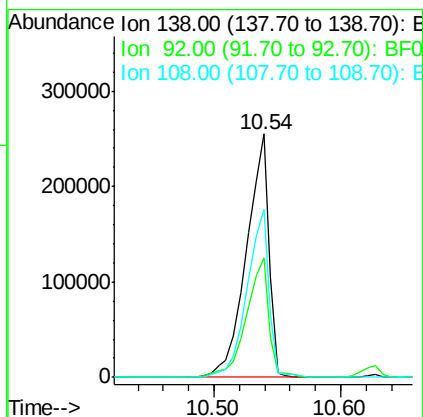
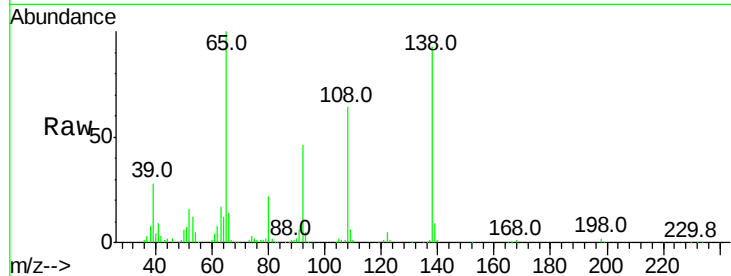




#61
4-Nitroaniline
Concen: 55.887 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

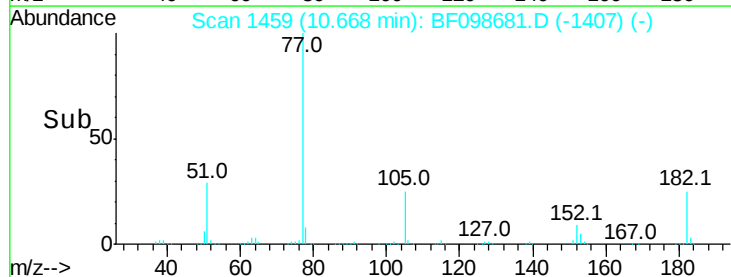
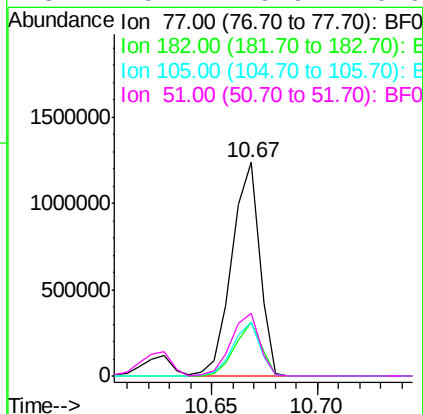
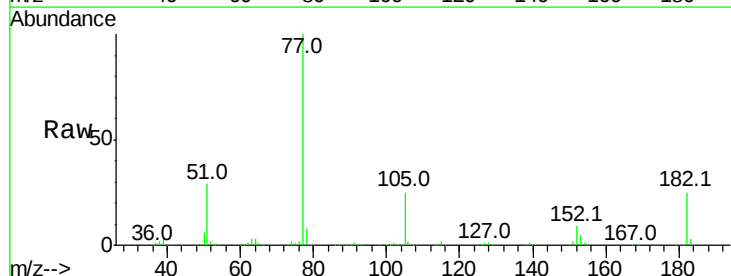
Instrument :
BNA_F
ClientSampleId :

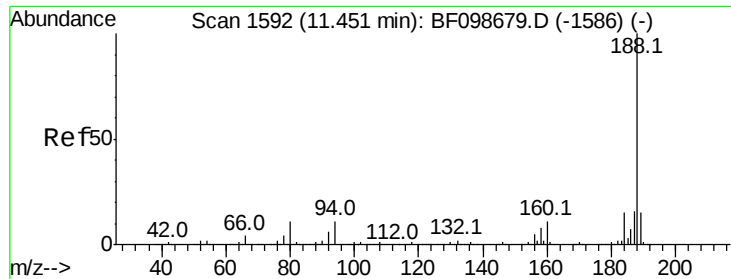
Tot Ion:138 Resp: 315798
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 69.1 52.5 92.5



#62
Azobenzene
Concen: 49.098 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion: 77 Resp: 1126398
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 24.9 3.0 43.0
51 29.1 9.9 49.9

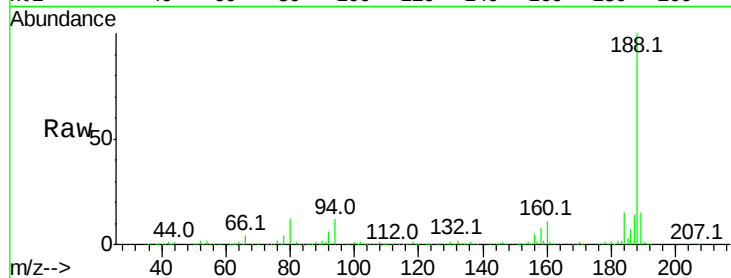




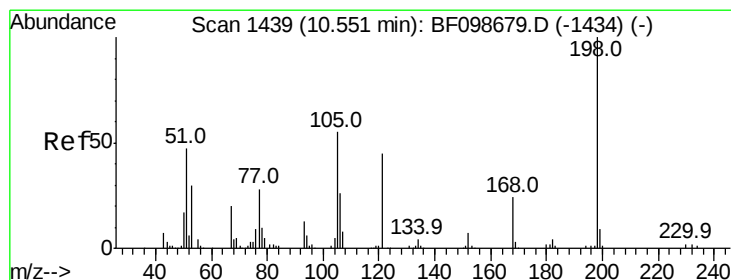
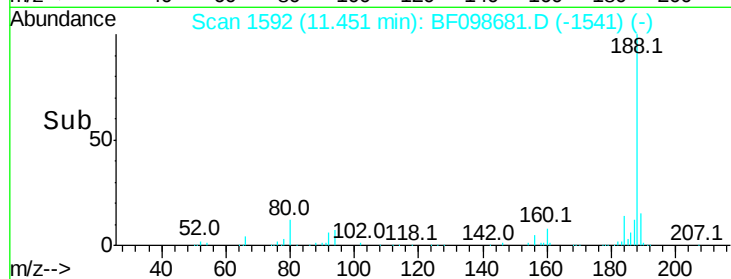
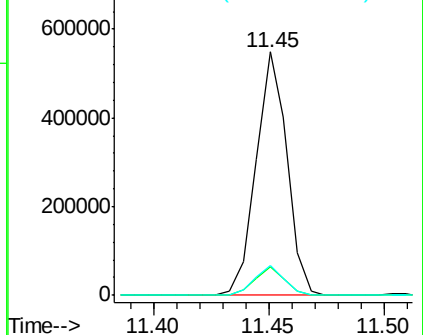
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.4	9.2	13.8

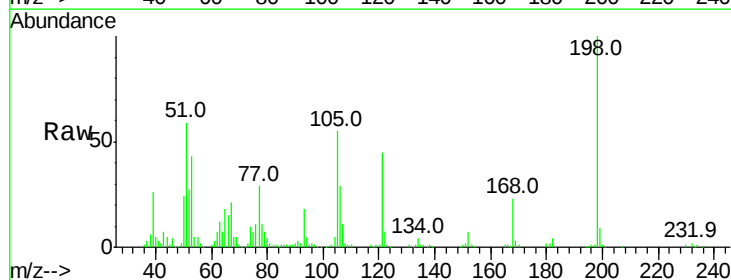


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

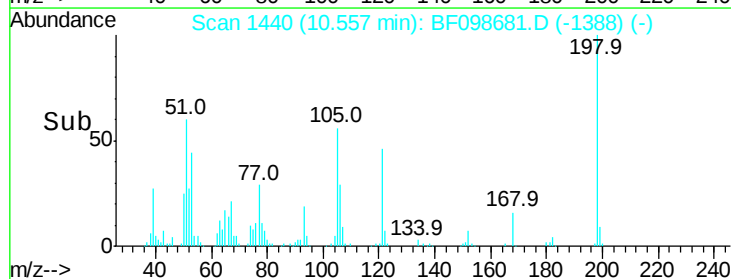
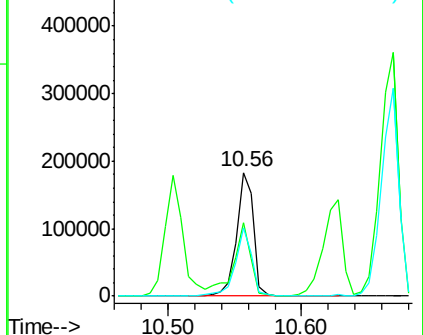


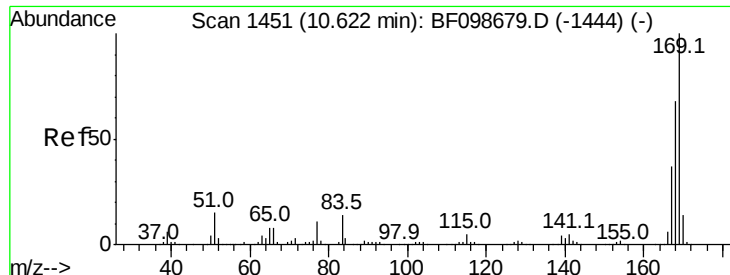
#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.467 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.3	37.7	77.7
105	54.8	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

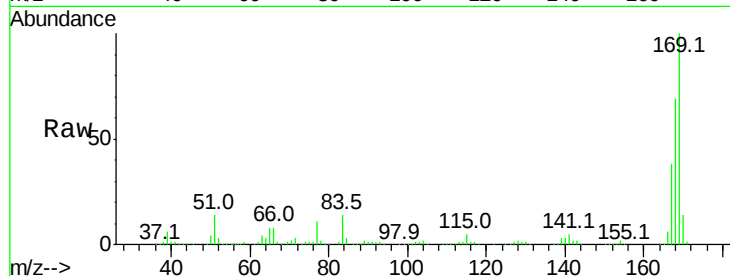




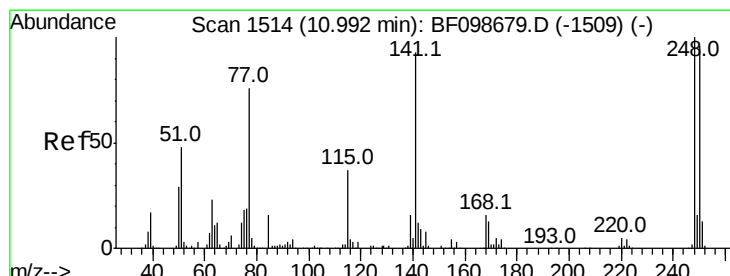
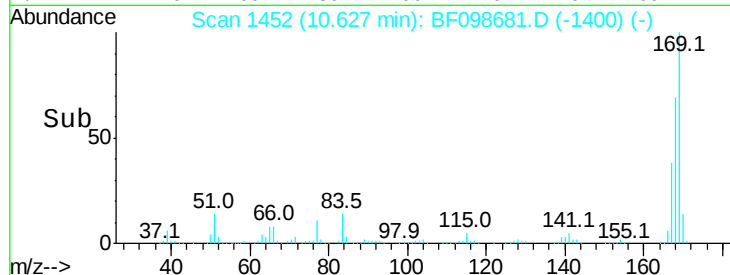
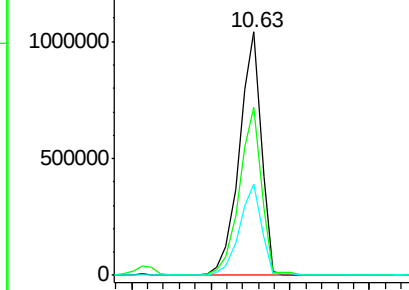
#65
 n-Nitrosodiphenylamine
 Concen: 59.258 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.4	81.6
167	37.5	29.8	44.6

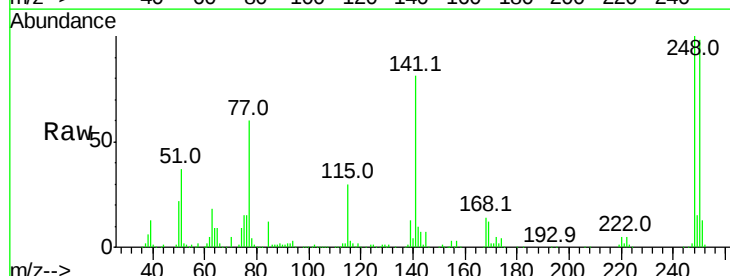


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

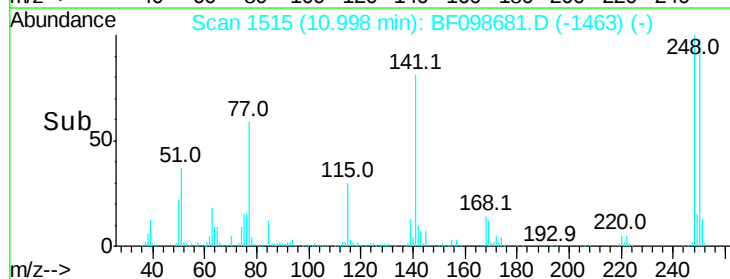
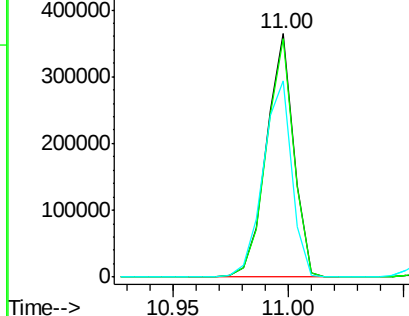


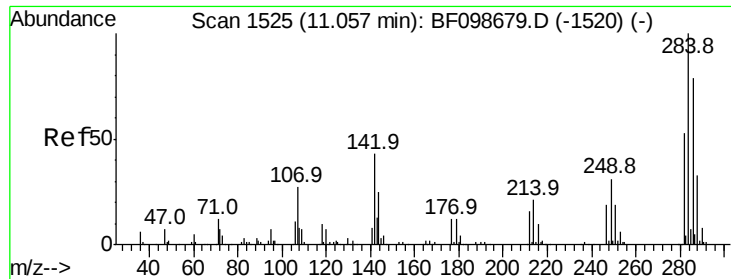
#66
 4-Bromophenyl-phenylether
 Concen: 60.994 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	80.6	74.4	111.6



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

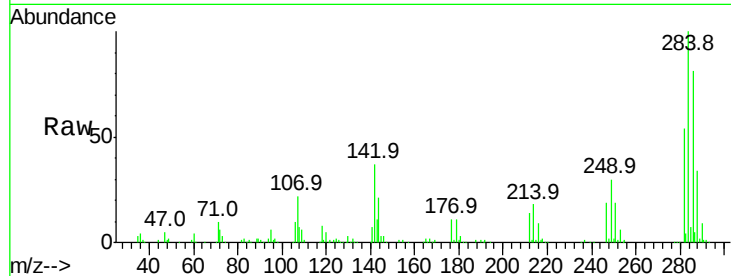




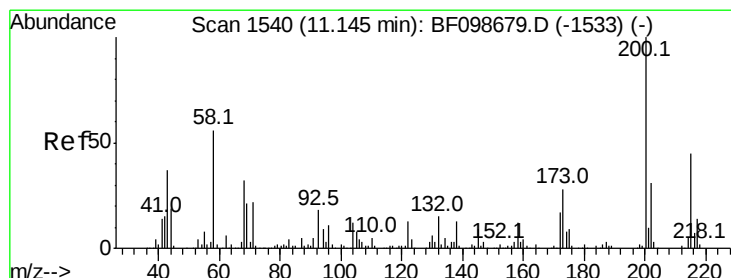
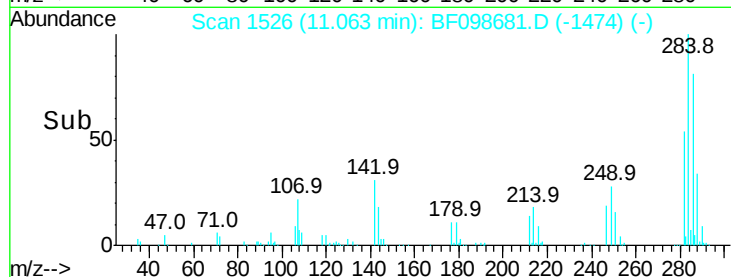
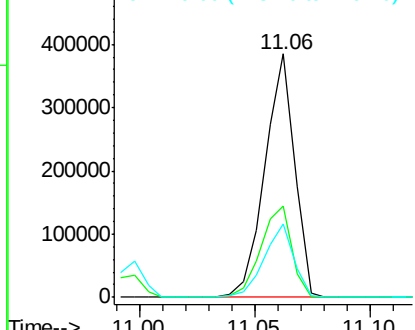
#67
Hexachlorobenzene
Concen: 67.871 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 344680
Ion Ratio Lower Upper
284 100
142 37.3 34.6 52.0
249 30.2 24.8 37.2

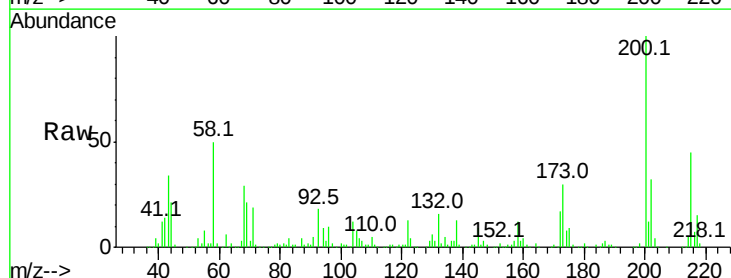


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

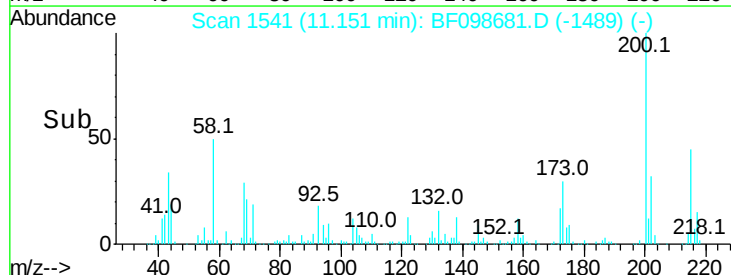
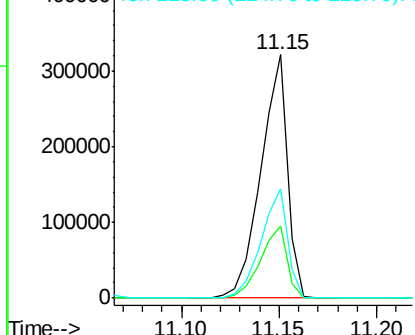


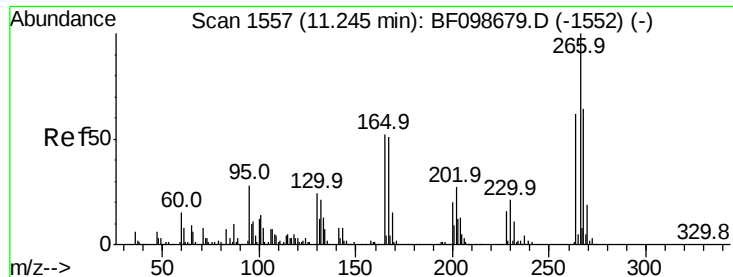
#68
Atrazine
Concen: 58.500 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:200 Resp: 301902
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 45.0 25.1 65.1



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

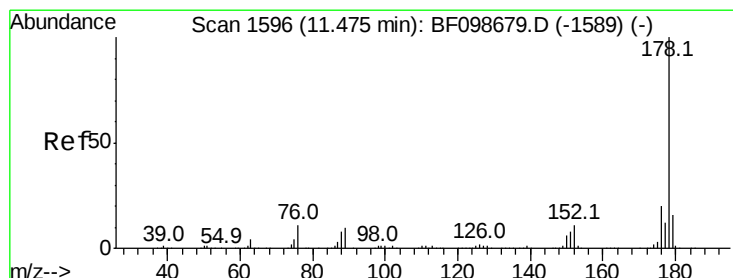
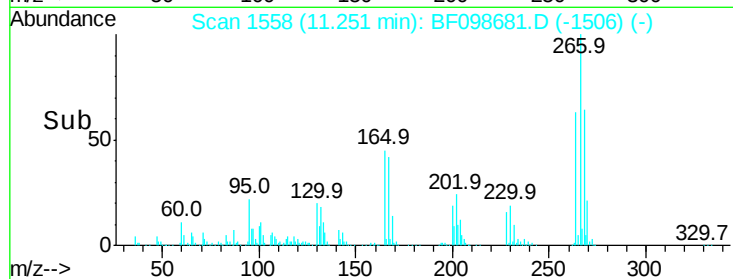
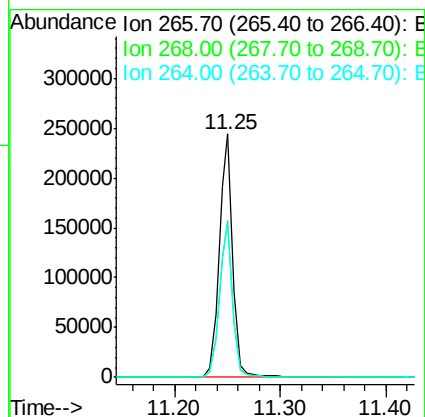
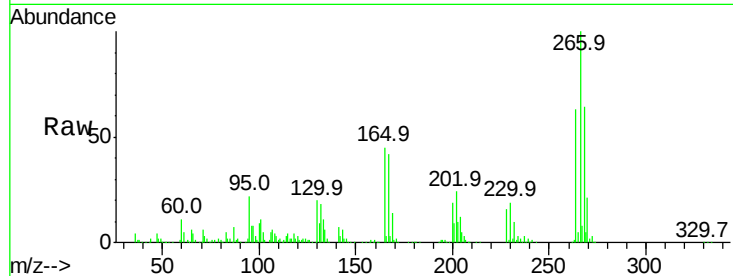




#69
 Pentachlorophenol
 Concen: 104.703 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

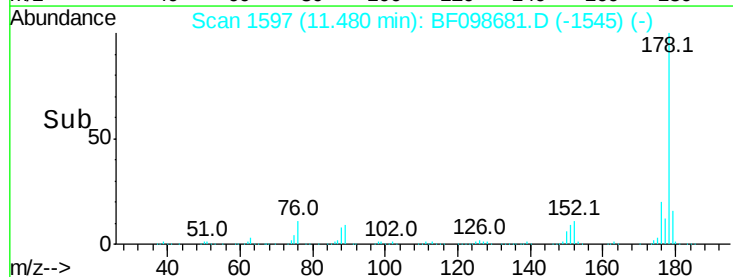
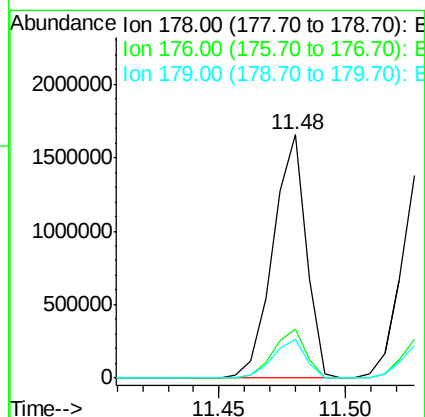
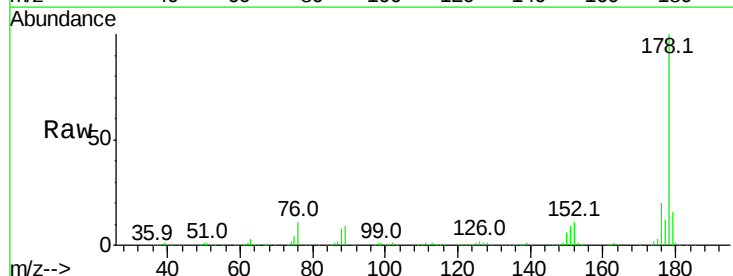
Instrument :
 BNA_F
 ClientSampleId :

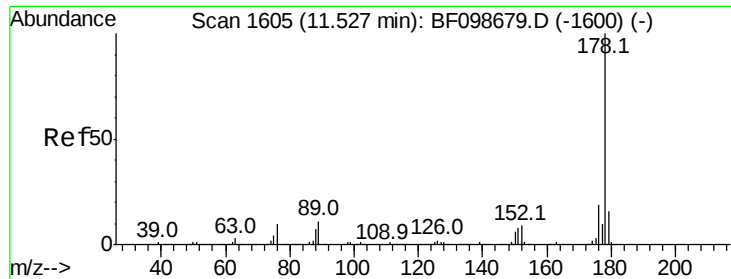
Tot Ion:266 Resp: 221206
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 55.685 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:178 Resp: 1523857
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.8 13.0 19.6

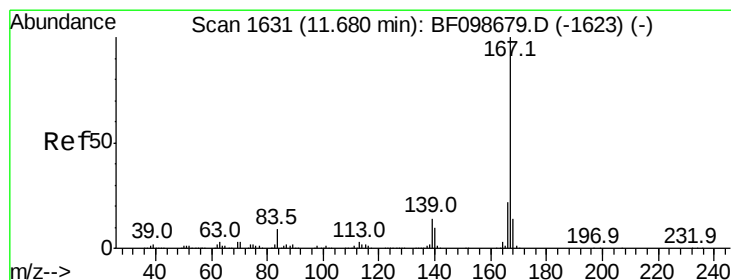
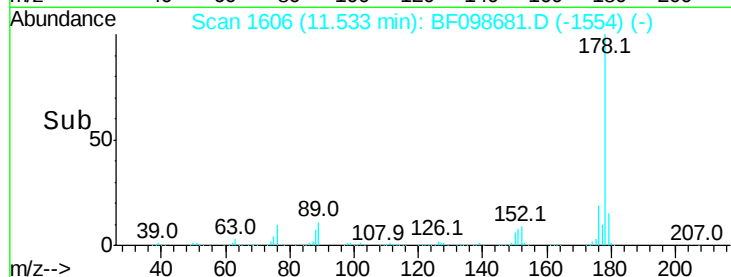
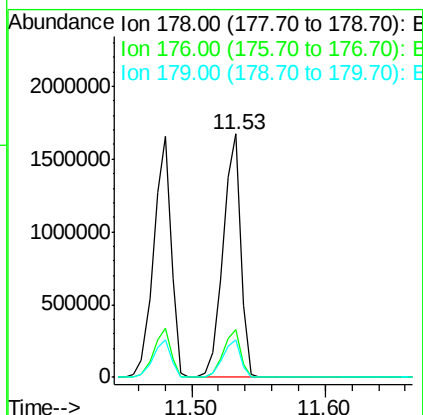
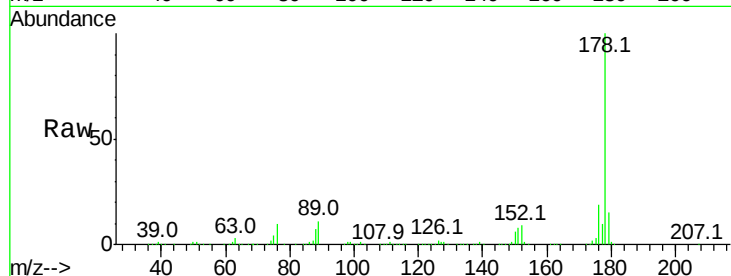




#71
 Anthracene
 Concen: 55.992 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

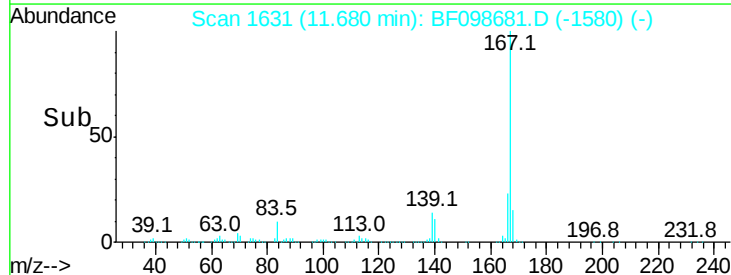
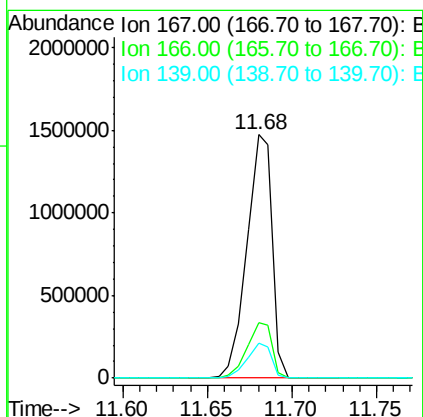
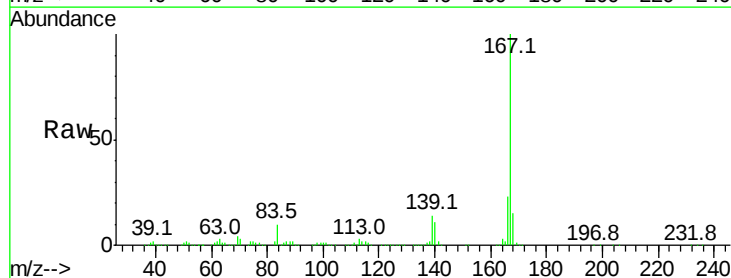
Instrument :
 BNA_F
 ClientSampleId :

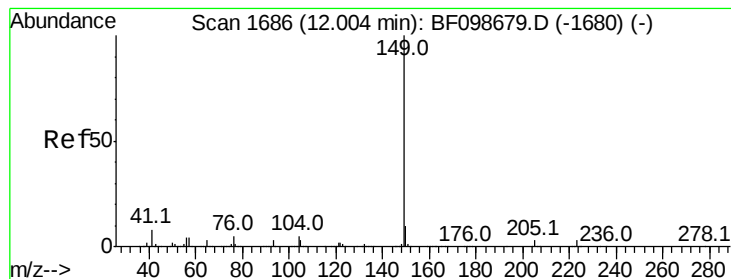
Tot Ion:178 Resp: 1566097
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 58.570 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion:167 Resp: 1542930
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 58.299 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

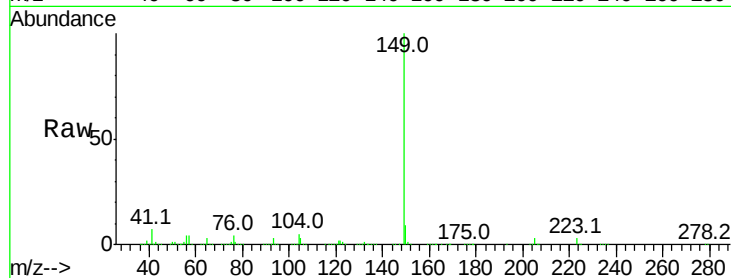
Tot Ion:149 Resp: 1826809

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

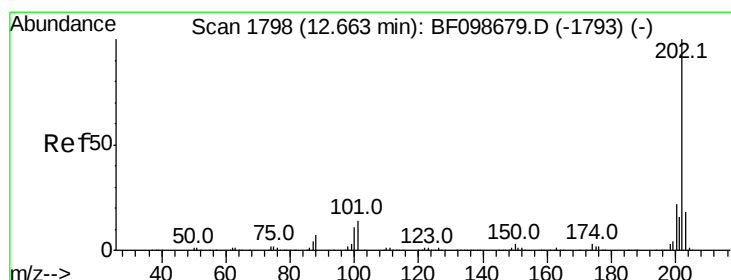
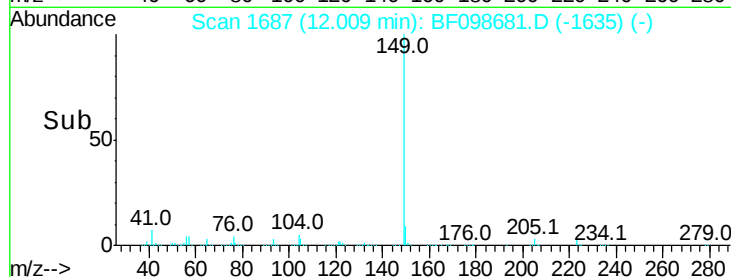
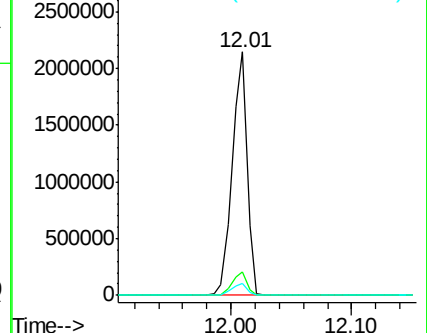
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.799 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

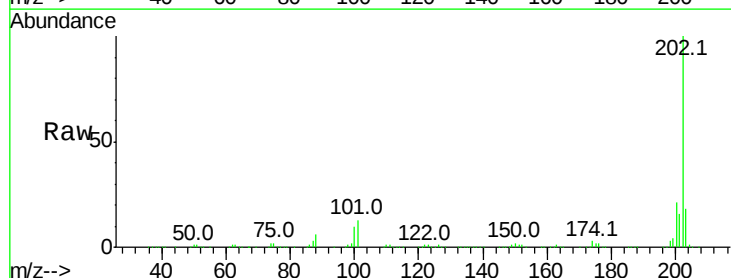
Tgt Ion:202 Resp: 1522477

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

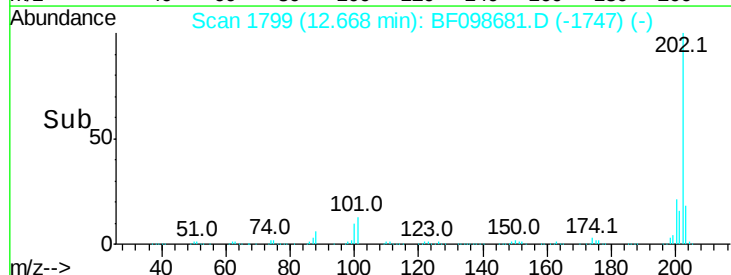
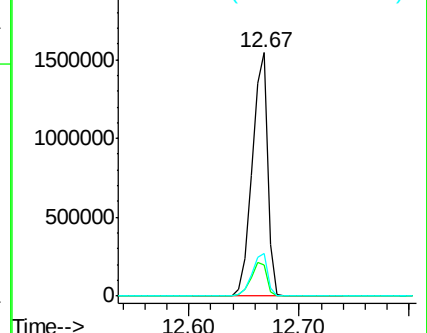
203 17.5 0.0 38.1

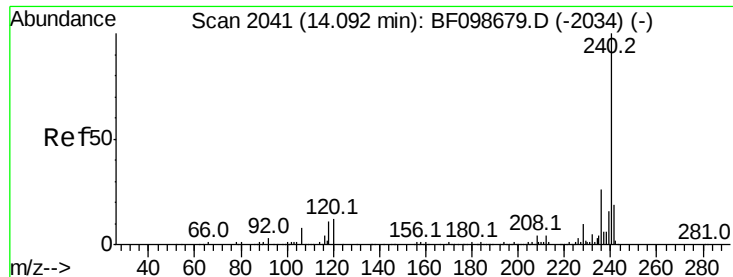


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

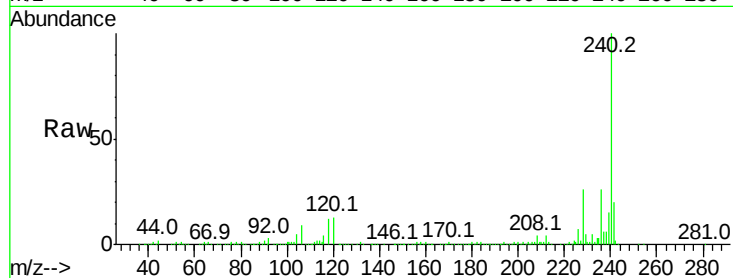
Tot Ion:240 Resp: 345329

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

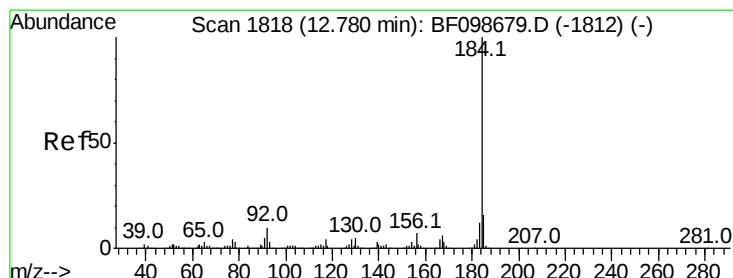
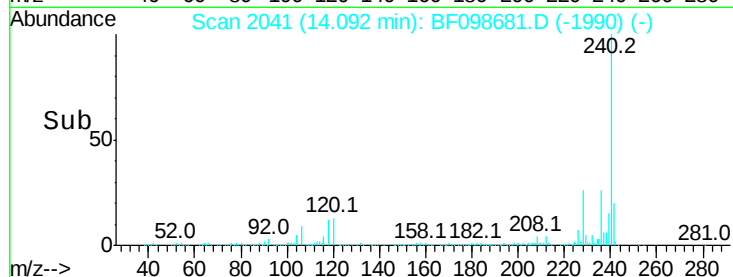
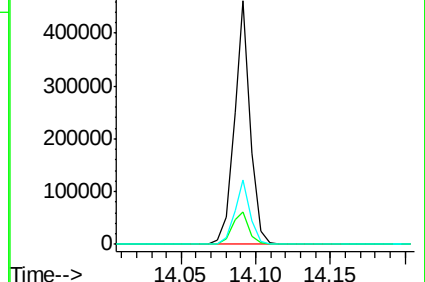
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.571 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

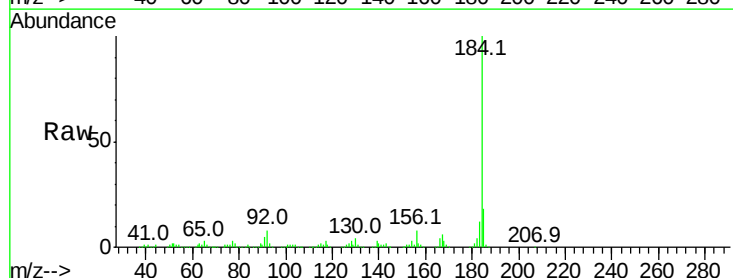
Tgt Ion:184 Resp: 778774

Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

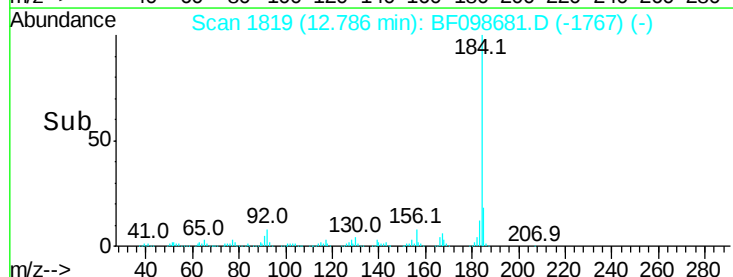
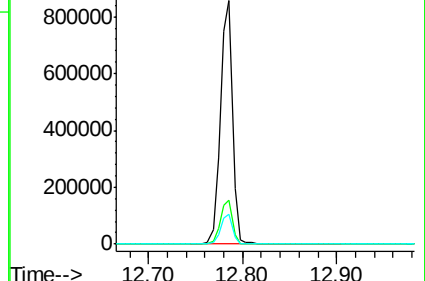
183 12.3 9.3 13.9



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: 57.433 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

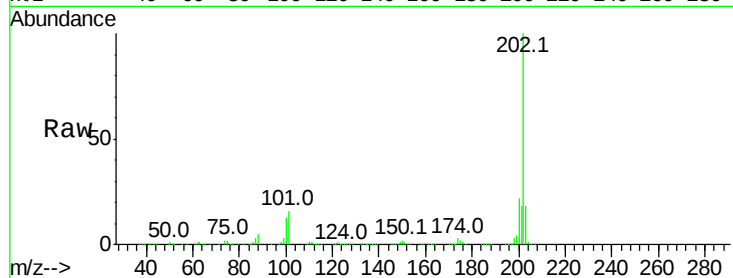
Tot Ion:202 Resp: 1557709

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

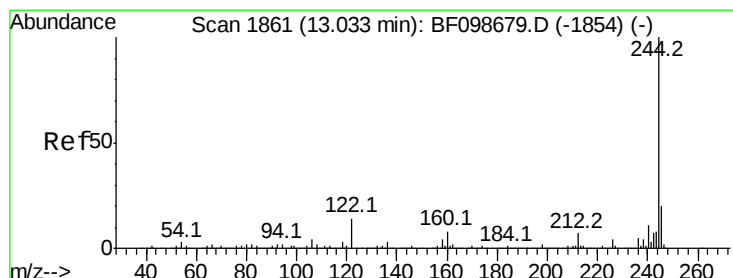
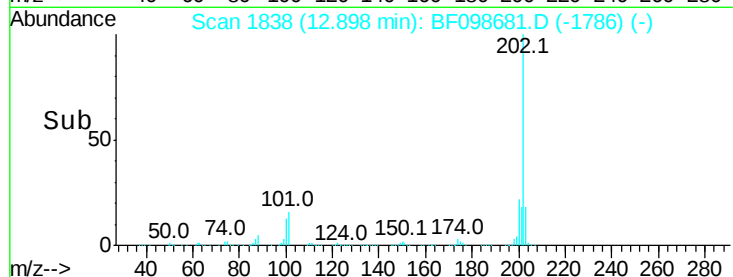
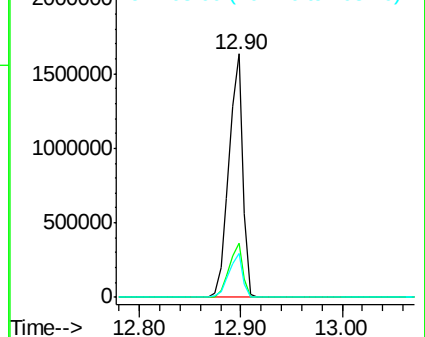
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 115.690 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

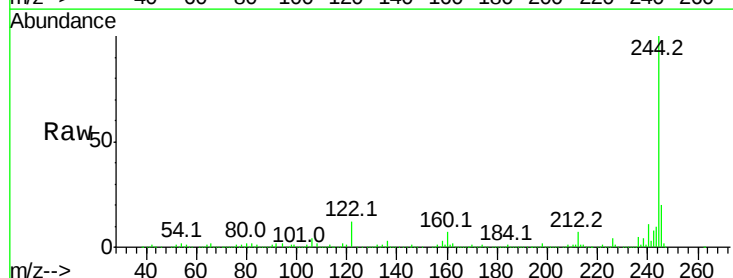
Tgt Ion:244 Resp: 1862374

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

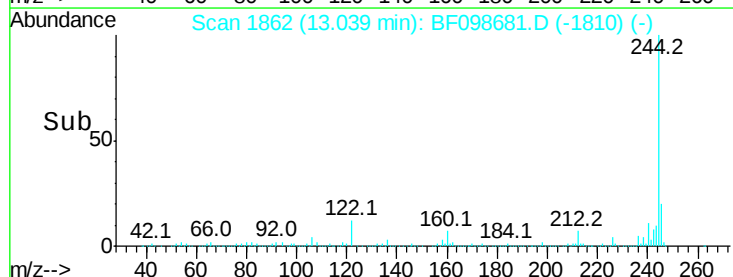
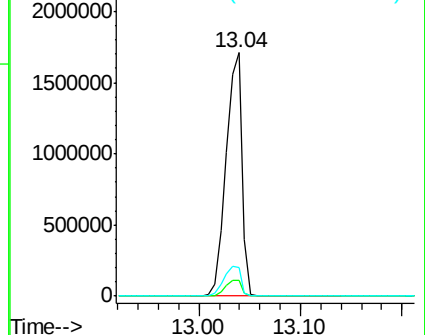
122 11.7 11.0 16.4

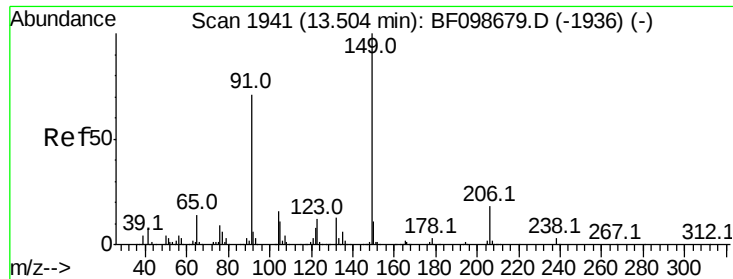


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

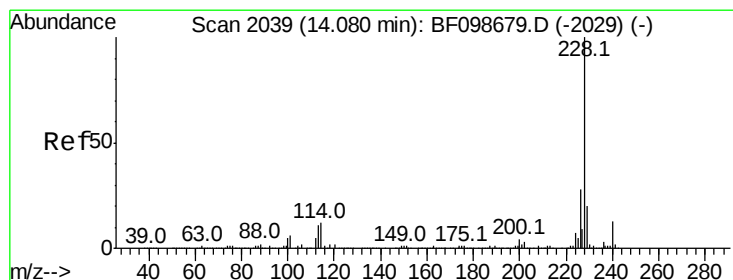
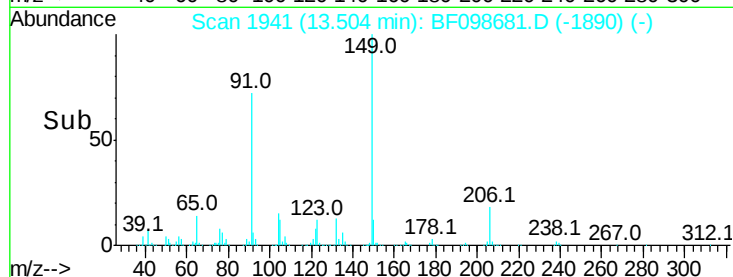
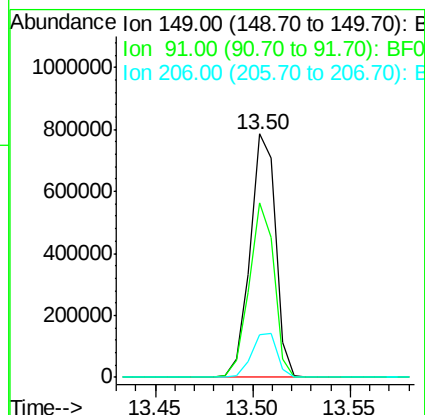
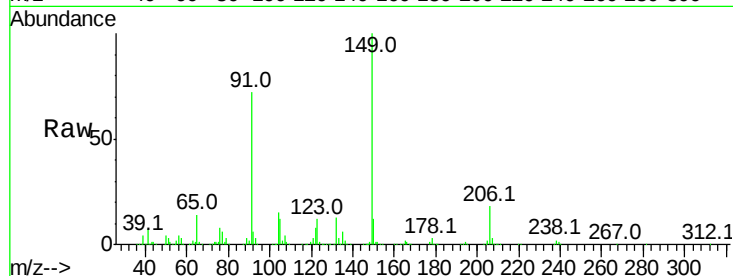




#79
Butylbenzylphthalate
Concen: 60.737 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

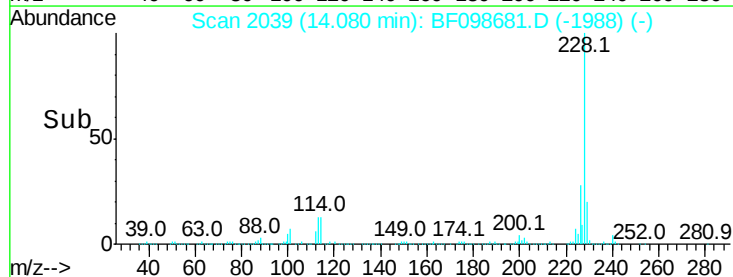
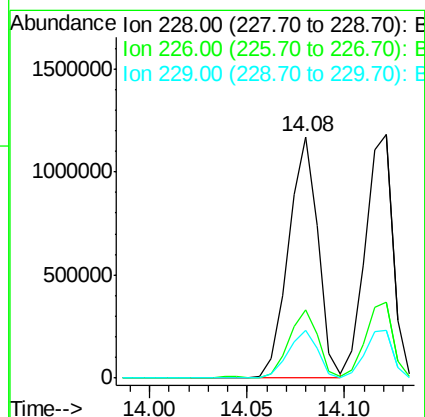
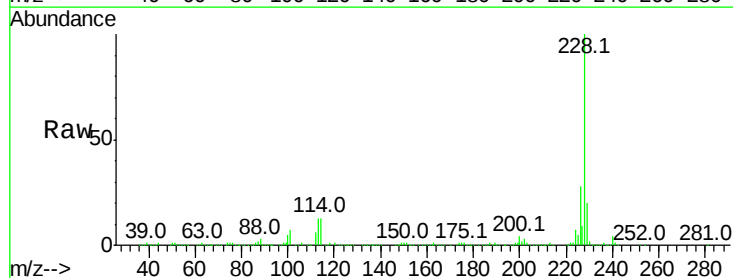
Instrument :
BNA_F
ClientSampled :

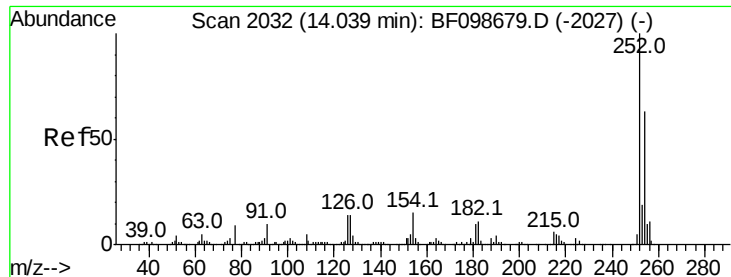
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 59.760 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6

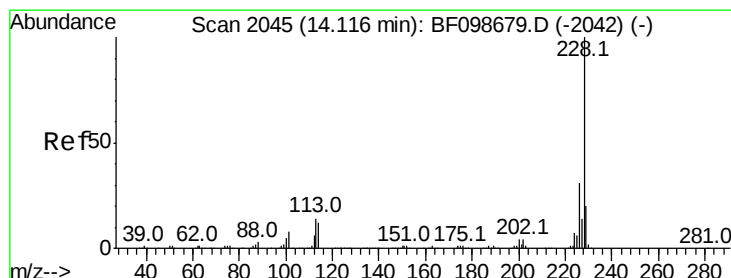
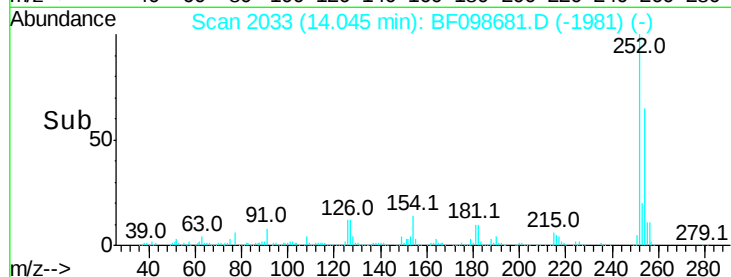
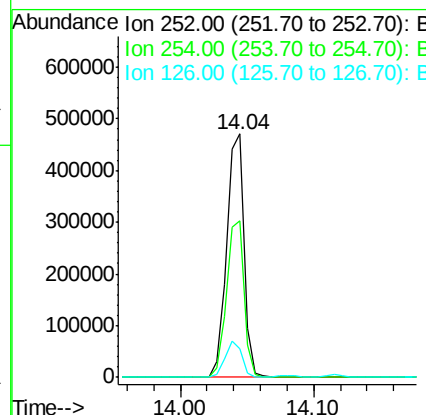




#81
 3,3'-Dichlorobenzidine
 Concen: 55.827 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

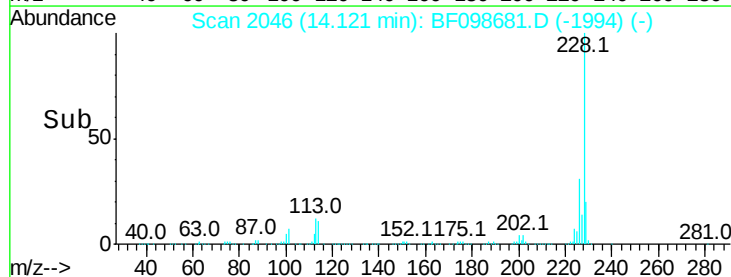
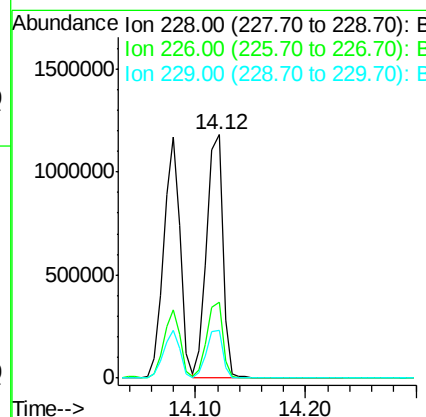
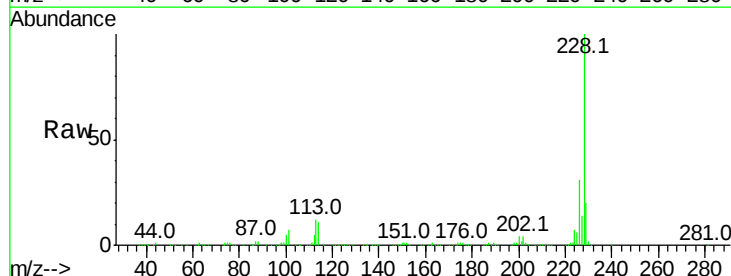
Instrument :
 BNA_F
 ClientSampleId :

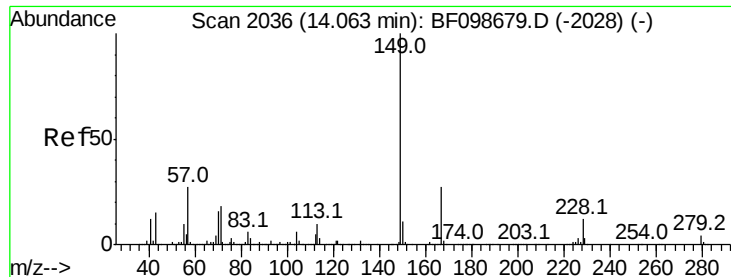
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.9	11.3	16.9



#82
 Chrysene
 Concen: 57.078 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.6	16.2	24.4

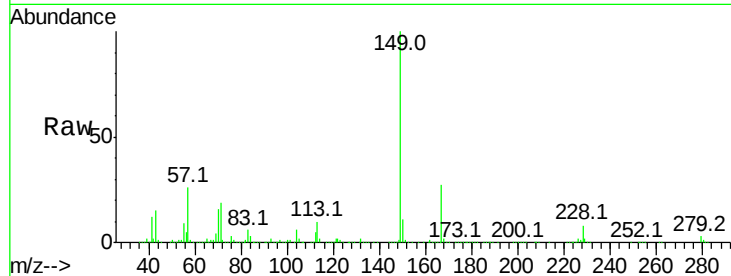




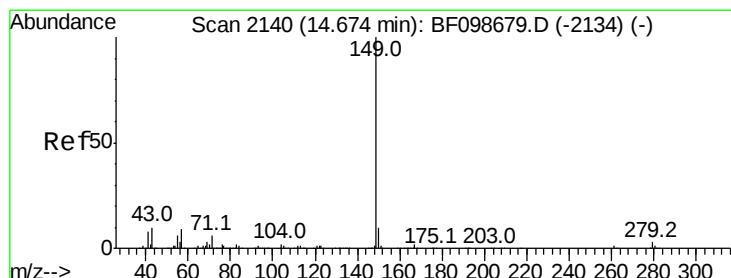
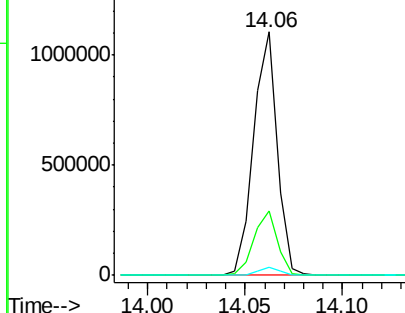
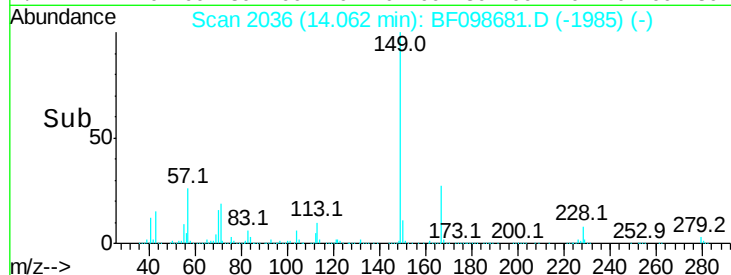
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.467 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.4	3.0	4.4

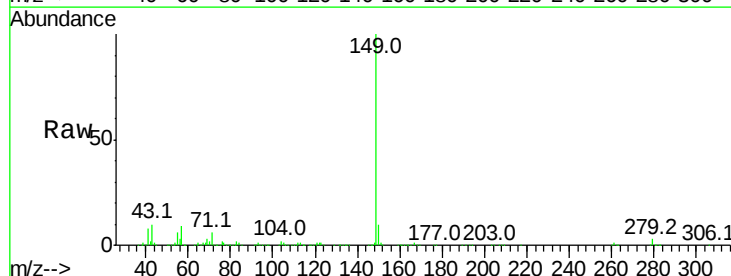


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

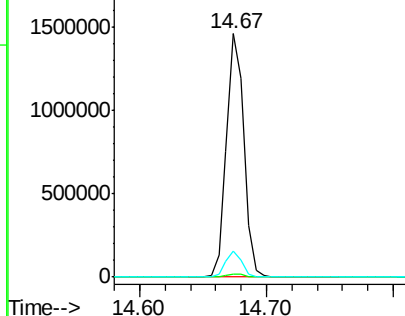
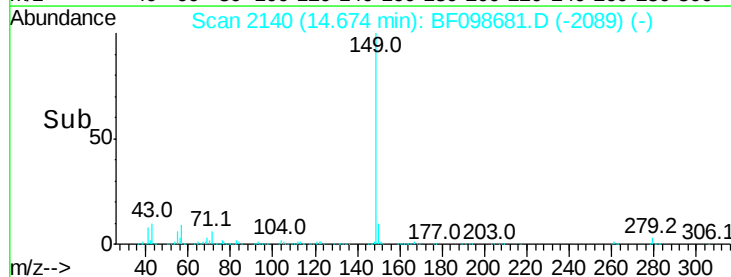


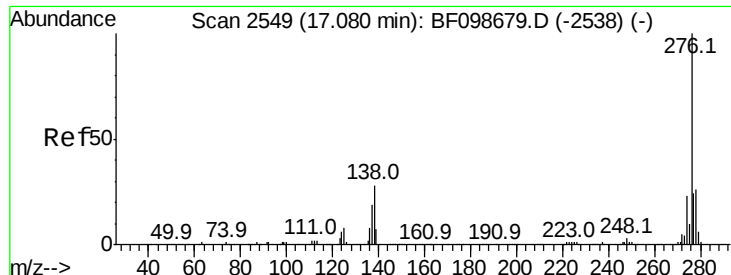
#84
 Di-n-octyl phthalate
 Concen: 55.950 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.2	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



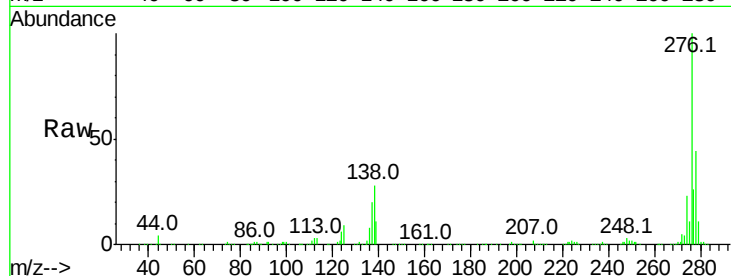


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.263 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

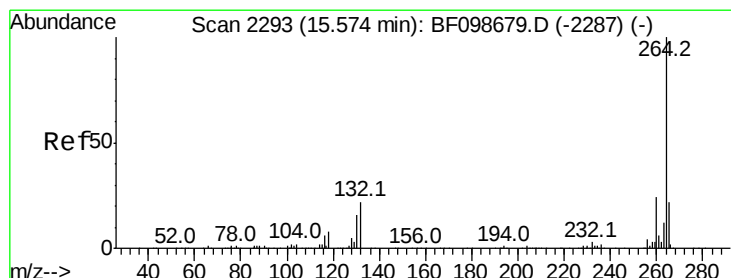
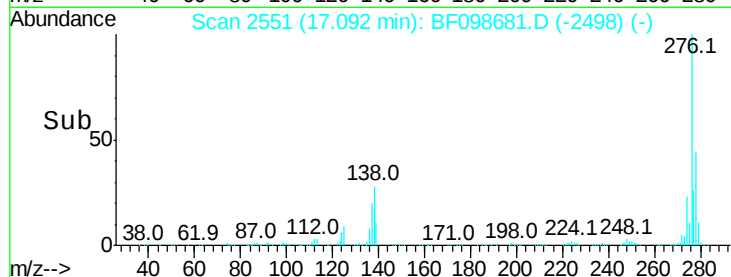
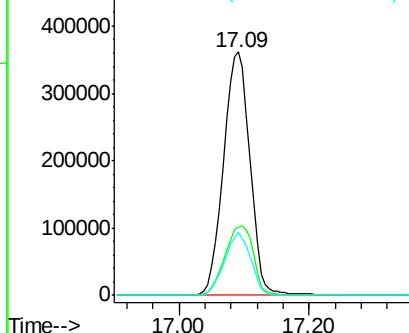
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1019767

Ion	Ratio	Lower	Upper
276	100		
138	30.9	25.0	37.6
277	25.4	20.1	30.1



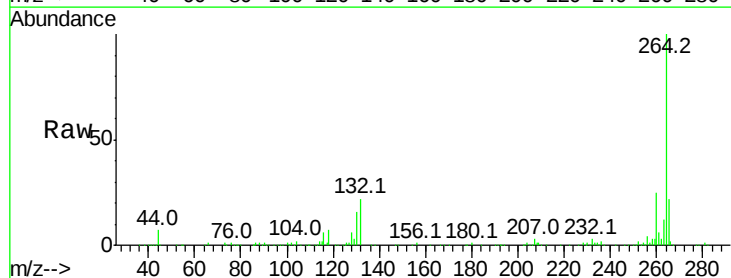
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



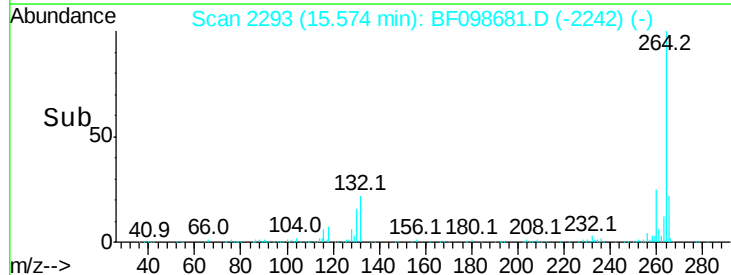
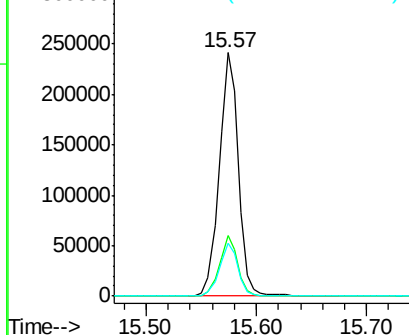
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098681.D
 Acq: 22 Sep 2017 3:54

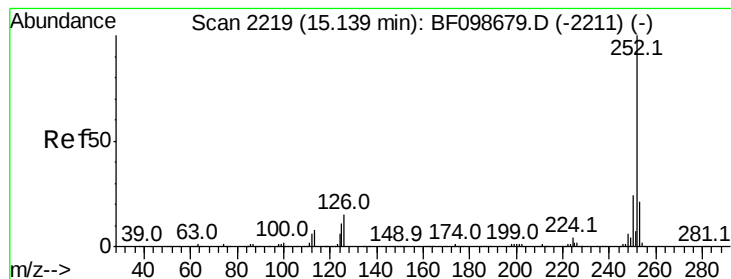
Tgt Ion:264 Resp: 289471

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	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: 56.975 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampled :

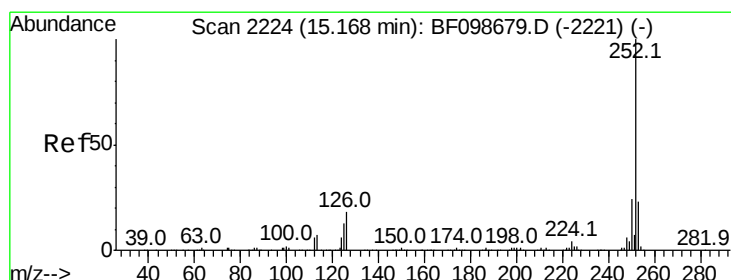
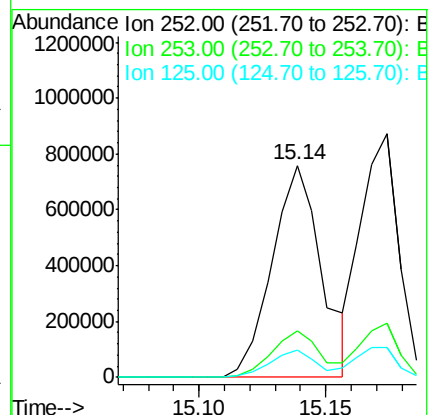
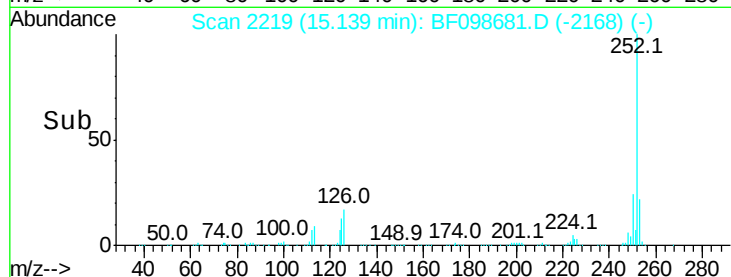
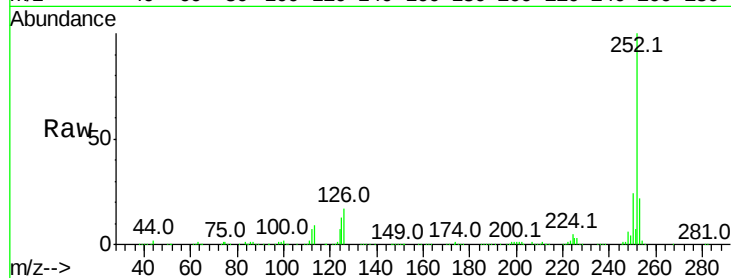
Tot Ion:252 Resp: 1031965

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 13.0 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 54.522 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

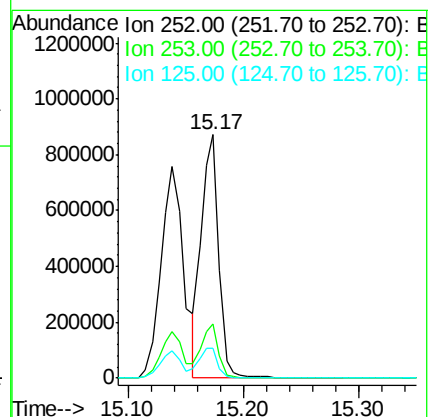
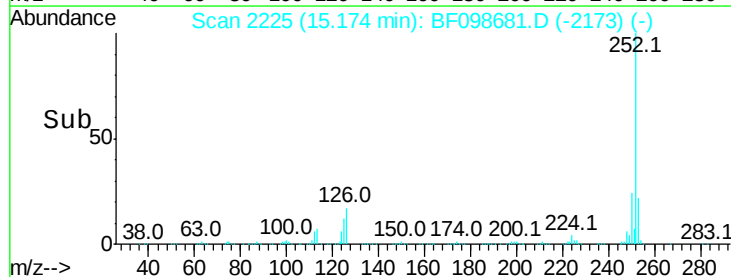
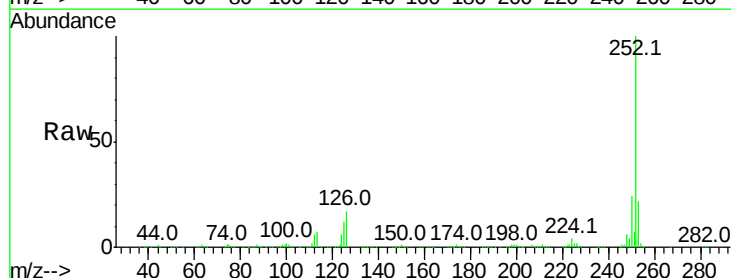
Tgt Ion:252 Resp: 921288

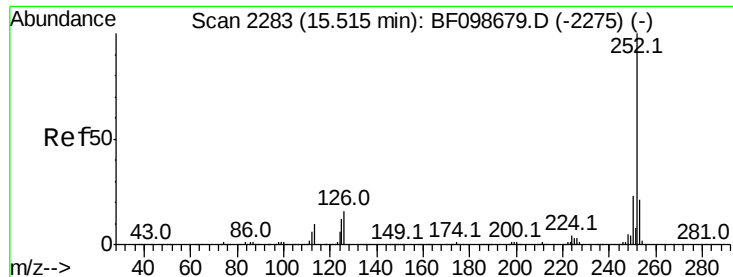
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 12.1 10.2 15.2

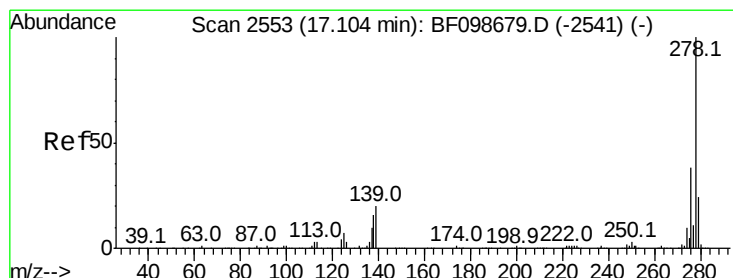
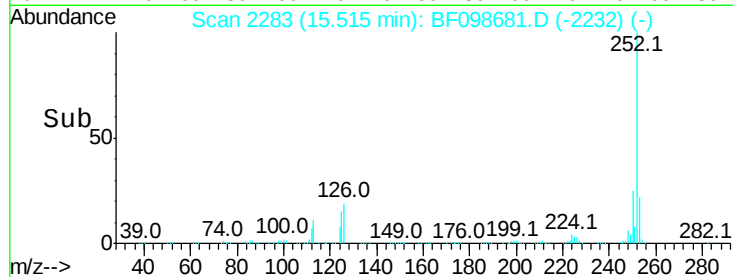
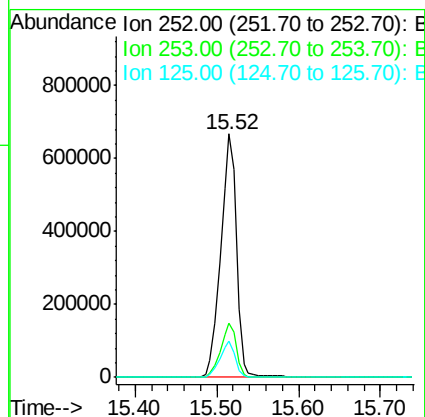
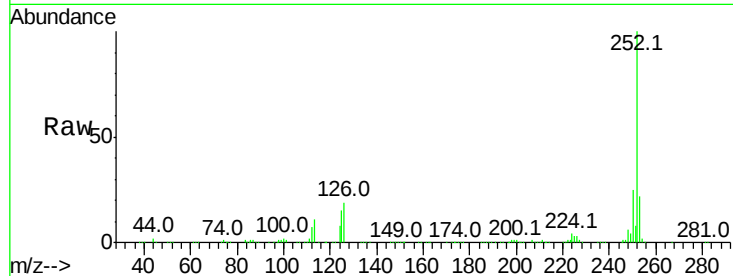




#89
Benzo(a)pyrene
Concen: 56.211 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

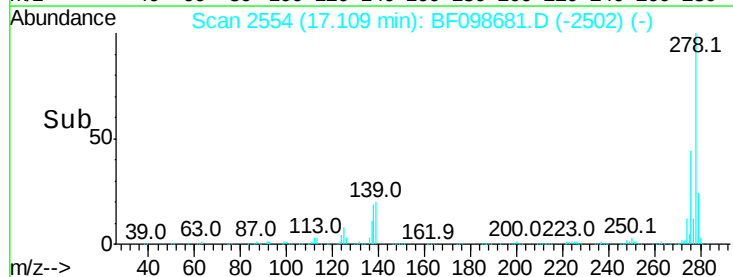
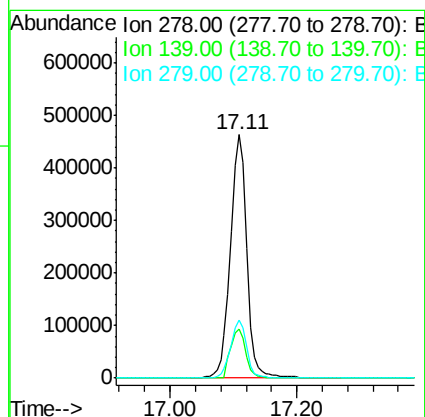
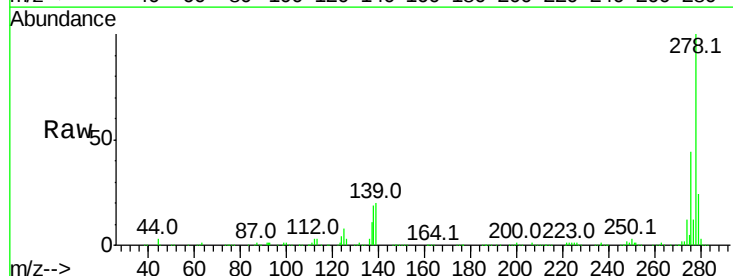
Instrument :
BNA_F
ClientSampleId :

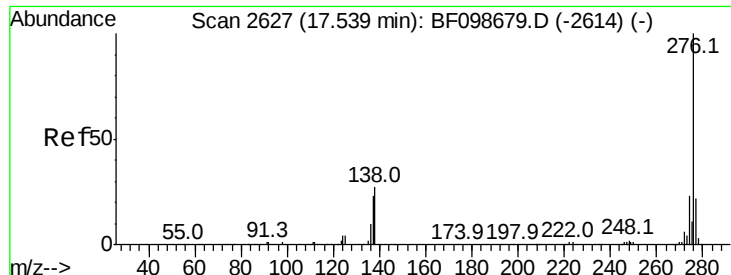
Tot Ion:252 Resp: 905326
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 68.408 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098681.D
Acq: 22 Sep 2017 3:54

Tgt Ion:278 Resp: 825845
Ion Ratio Lower Upper
278 100
139 20.0 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 69.171 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF098681.D

Acq: 22 Sep 2017 3:54

Instrument :

BNA_F

ClientSampleId :

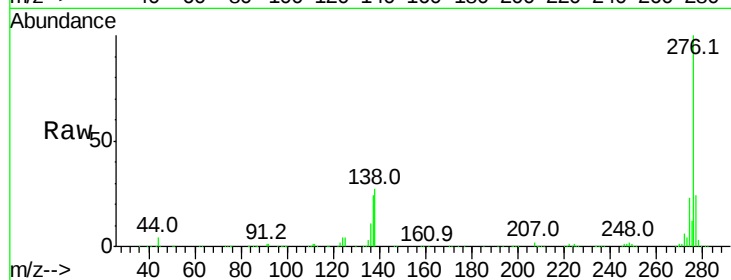
Tot Ion: 276 Resp: 843184

Ion Ratio Lower Upper

276 100

277 24.1 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

