

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098812.D
 Acq On : 26 Sep 2017 5:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 08:44:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	161910	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	684674	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	299745	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	481363	20.00	ng	0.00
75) Chrysene-d12	14.08	240	275395	20.00	ng	0.00
86) Perylene-d12	15.57	264	276032	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	805618	79.21	ng	-0.01
7) Phenol-d6	6.54	99	1001460	79.82	ng	0.00
23) Nitrobenzene-d5	7.48	82	849056	79.53	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	190268	77.57	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1469028	81.82	ng	0.00
78) Terphenyl-d14	13.02	244	1087928	89.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	182701	37.604	ng	98
3) Pyridine	3.49	79	501535	38.159	ng	95
4) n-Nitrosodimethylamine	3.45	42	207896	37.302	ng	93
6) Aniline	6.58	93	664481	39.239	ng	99
8) 2-Chlorophenol	6.70	128	455751	39.568	ng	99
9) Benzaldehyde	6.47	77	278714	38.295	ng	98
10) Phenol	6.55	94	550865	39.257	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	434302	39.812	ng	98
12) 1,3-Dichlorobenzene	6.86	146	477084	39.551	ng	99
13) 1,4-Dichlorobenzene	6.93	146	483935	39.431	ng	99
14) 1,2-Dichlorobenzene	7.09	146	450770	39.750	ng	100
15) Benzyl Alcohol	7.06	79	360066	39.118	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.19	45	661176	38.902	ng	99
17) 2-Methylphenol	7.16	107	367638	39.009	ng	98
18) Hexachloroethane	7.43	117	159686	36.199	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	305815	38.176	ng	97
20) 3+4-Methylphenols	7.32	107	464756	38.981	ng	94
22) Acetophenone	7.33	105	624343	37.637	ng	# 96
24) Nitrobenzene	7.50	77	472274	38.996	ng	100
25) Isophorone	7.74	82	851753	38.587	ng	99
26) 2-Nitrophenol	7.82	139	233644	40.118	ng	89
27) 2,4-Dimethylphenol	7.85	122	420279	38.213	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	539253	39.202	ng	99
29) 2,4-Dichlorophenol	8.05	162	369928	39.175	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	369295	39.102	ng	98
31) Naphthalene	8.22	128	1230574	38.268	ng	99
32) Benzoic acid	7.96	122	302468	33.480	ng	99
33) 4-Chloroaniline	8.27	127	527920	39.313	ng	96
34) Hexachlorobutadiene	8.33	225	191710	39.409	ng	99
35) Caprolactam	8.65	113	117803	38.891	ng	96
36) 4-Chloro-3-methylphenol	8.74	107	409186	38.552	ng	98
37) 2-Methylnaphthalene	8.91	142	804171	38.469	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	368338	41.205	ng	99
40) Hexachlorocyclopentadiene	9.06	237	44405	10.870	ng	99

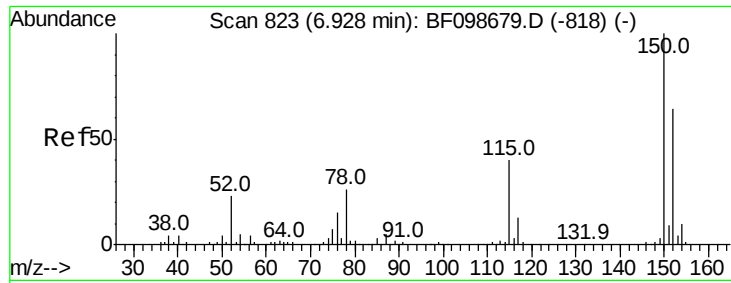
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255722	40.380	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	255464	40.410	ng	99
45) 1,1'-Biphenyl	9.37	154	1027590	39.889	ng	99
46) 2-Chloronaphthalene	9.40	162	765487	39.576	ng	97
47) 2-Nitroaniline	9.49	65	240938	40.681	ng	96
48) Acenaphthylene	9.82	152	1159878	39.172	ng	99
49) Dimethylphthalate	9.67	163	931092	41.157	ng	100
50) 2,6-Dinitrotoluene	9.74	165	200817	40.773	ng	89
51) Acenaphthene	9.99	154	690260	36.802	ng	99
52) 3-Nitroaniline	9.91	138	241041	41.973	ng	88
53) 2,4-Dinitrophenol	10.00	184	13471	10.699	ng	# 68
54) Dibenzofuran	10.16	168	979994	39.242	ng	99
55) 4-Nitrophenol	10.06	139	180347	37.140	ng	86
56) 2,4-Dinitrotoluene	10.14	165	257388	40.267	ng	93
57) Fluorene	10.50	166	769328	38.328	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	162272	37.158	ng	98
59) Diethylphthalate	10.37	149	892976	40.395	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	358637	39.776	ng	100
61) 4-Nitroaniline	10.52	138	225381	40.679	ng	92
62) Azobenzene	10.65	77	788656	38.801	ng	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	29633	10.118	ng	86
65) n-Nitrosodiphenylamine	10.61	169	711428	42.662	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	201747	42.818	ng	92
67) Hexachlorobenzene	11.05	284	207764	41.286	ng	98
68) Atrazine	11.13	200	206901	41.238	ng	100
69) Pentachlorophenol	11.24	266	103161	32.938	ng	99
70) Phenanthrene	11.47	178	1006494	39.063	ng	99
71) Anthracene	11.52	178	1027231	38.964	ng	100
72) Carbazole	11.67	167	991848	38.418	ng	100
73) Di-n-butylphthalate	11.99	149	1333734	42.920	ng	100
74) Fluoranthene	12.65	202	870881	33.379	ng	99
76) Benzidine	12.77	184	434724	42.679	ng	100
77) Pyrene	12.88	202	870260	41.441	ng	99
79) Butylbenzylphthalate	13.49	149	458302	46.436	ng	98
80) Benzo(a)anthracene	14.07	228	649852	38.970	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	251970	41.218	ng	98
82) Chrysene	14.10	228	627408	39.519	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	646478	47.571	ng	99
84) Di-n-octyl phthalate	14.66	149	989895	45.237	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	592574	46.659	ng	97
87) Benzo(b)fluoranthene	15.16	252	616352	36.317	ng	98
88) Benzo(k)fluoranthene	15.16	252	616352	36.769	ng	99
89) Benzo(a)pyrene	15.51	252	603510	38.739	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	498358	39.972	ng	99
91) Benzo(g,h,i)perylene	17.53	276	450911	36.588	ng	95

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

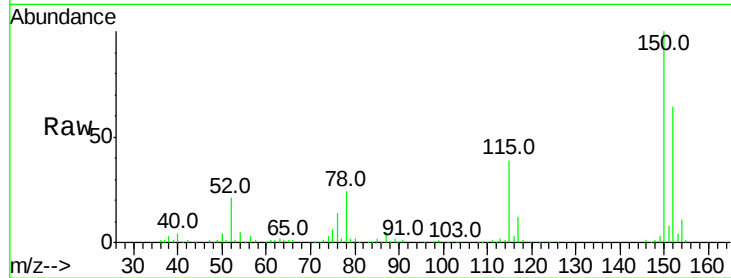


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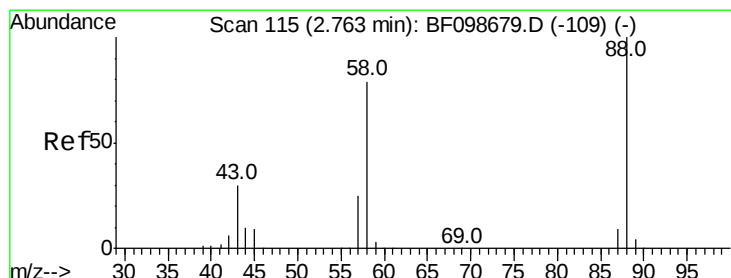
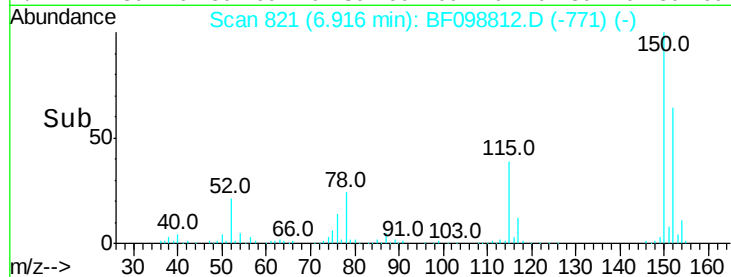
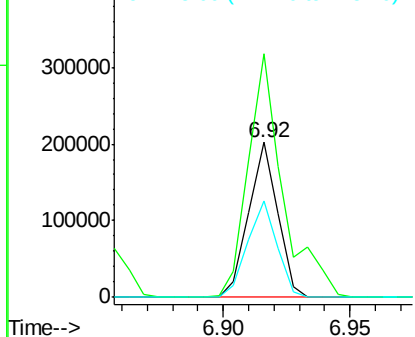
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 161910
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 62.1 50.1 75.1



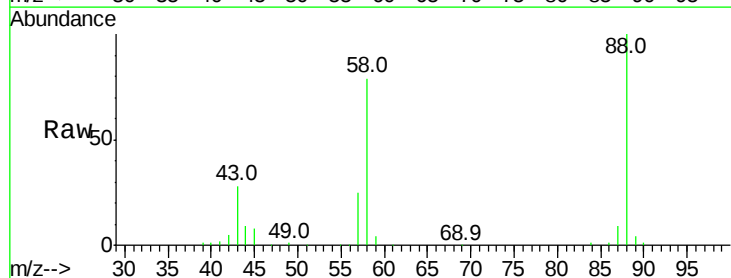
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



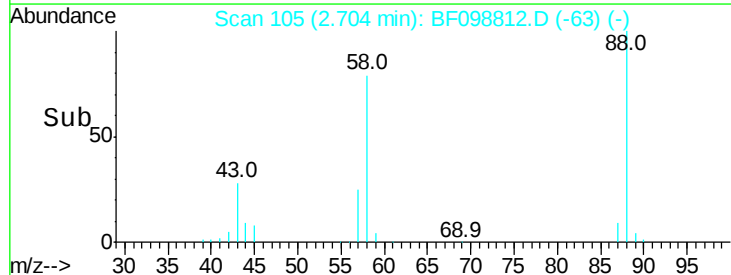
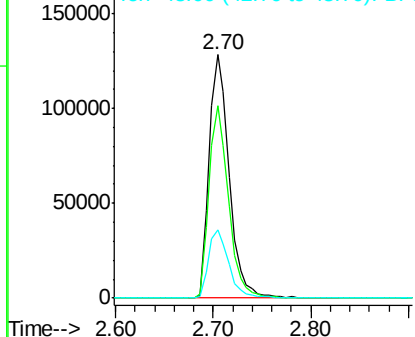
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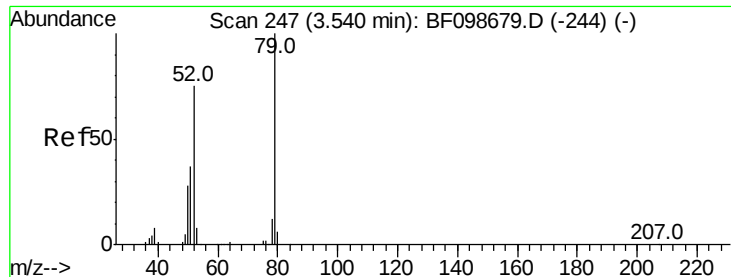
1,4-Dioxane
Concen: 37.604 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.05 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion: 88 Resp: 182701
Ion Ratio Lower Upper
88 100
58 77.0 62.6 93.8
43 28.1 24.6 37.0



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





#3

Pvridine

Concen: 38.159 ng

RT: 3.49 min Scan# 239

Delta R.T. -0.04 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

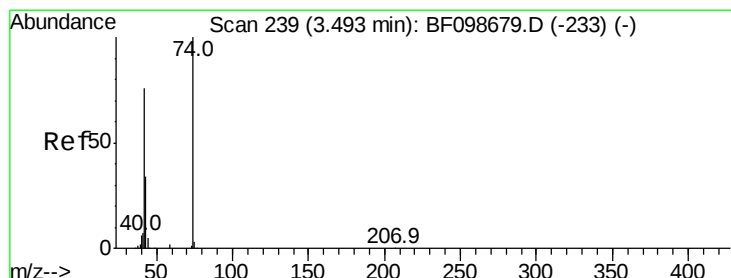
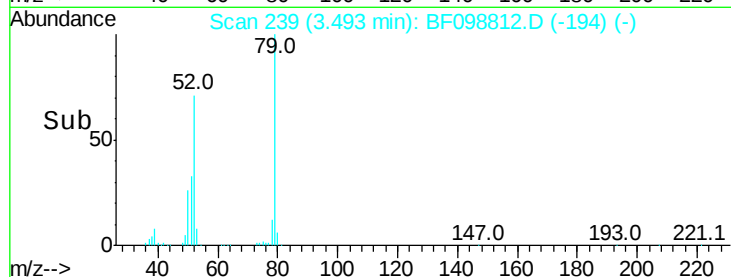
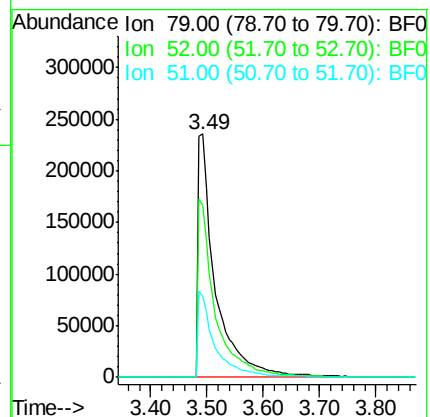
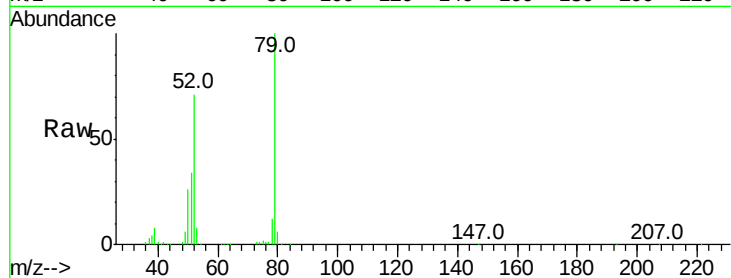
Tot Ion: 79 Resp: 501535

Ion Ratio Lower Upper

79 100

52 70.9 59.8 89.6

51 33.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.302 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.04 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

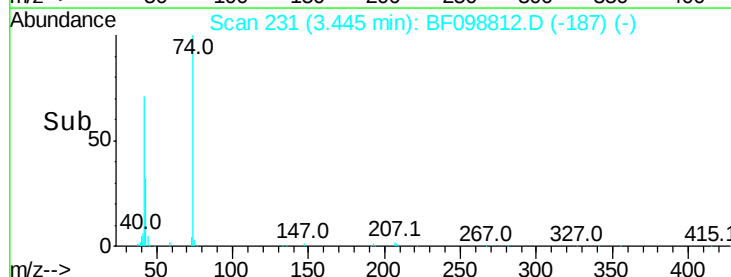
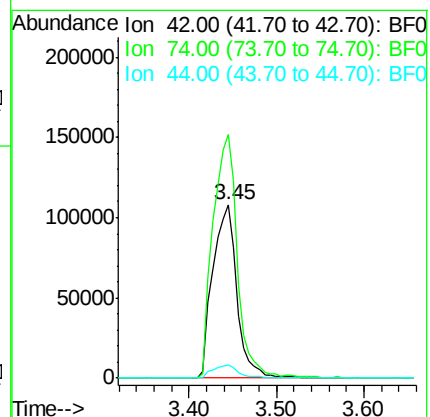
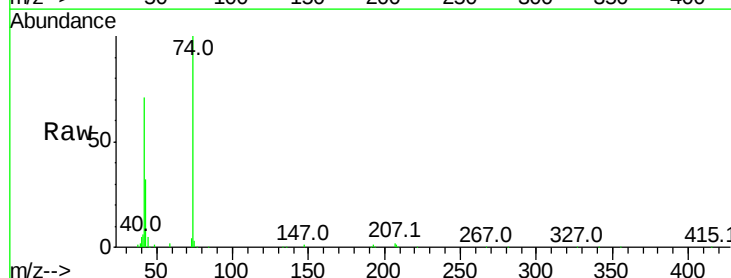
Tgt Ion: 42 Resp: 207896

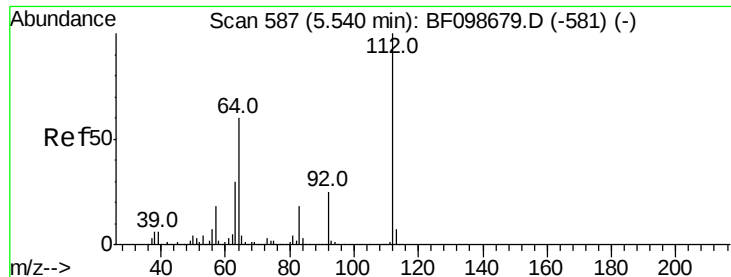
Ion Ratio Lower Upper

42 100

74 140.1 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 79.208 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampled :

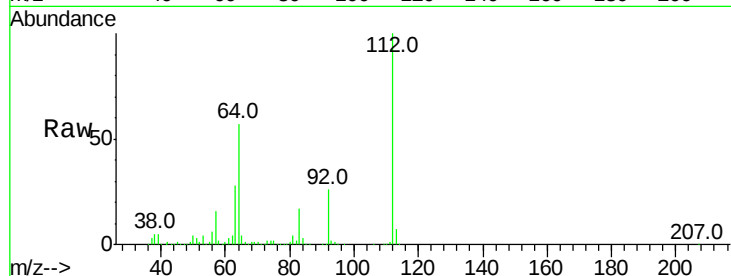
Tot Ion:112 Resp: 805618

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

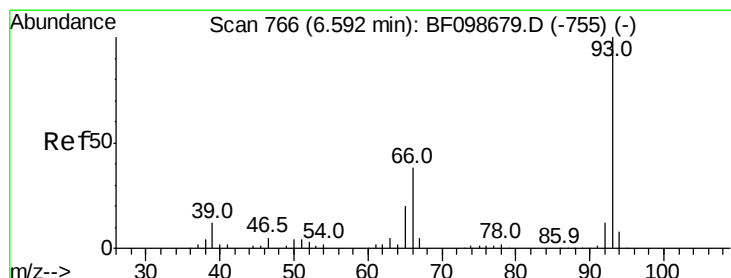
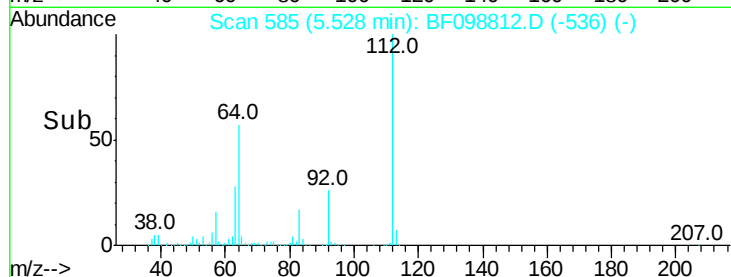
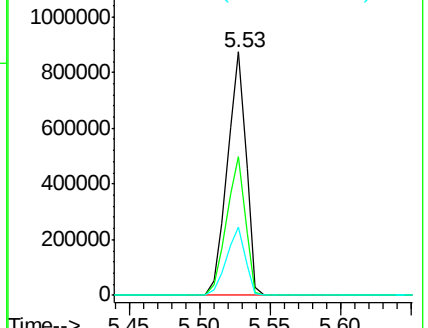
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.239 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

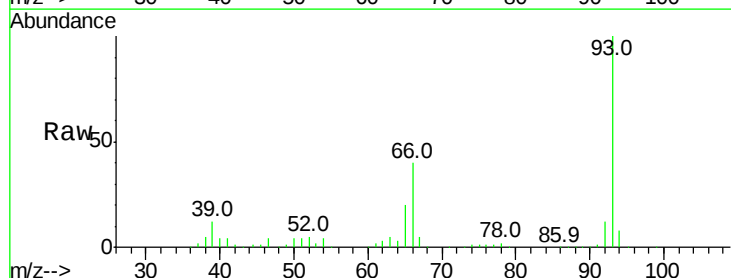
Tgt Ion: 93 Resp: 664481

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

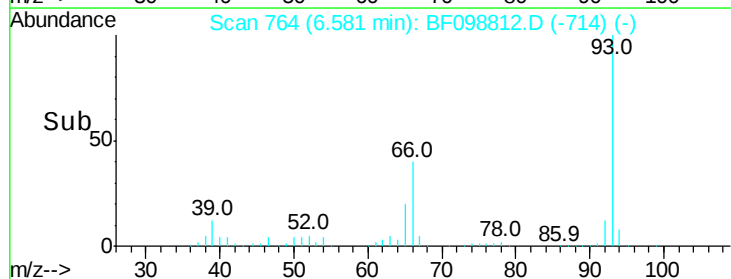
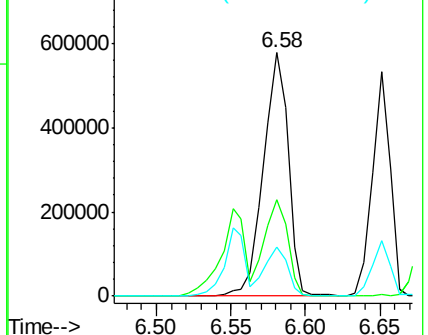
65 20.0 16.4 24.6



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: 79.817 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

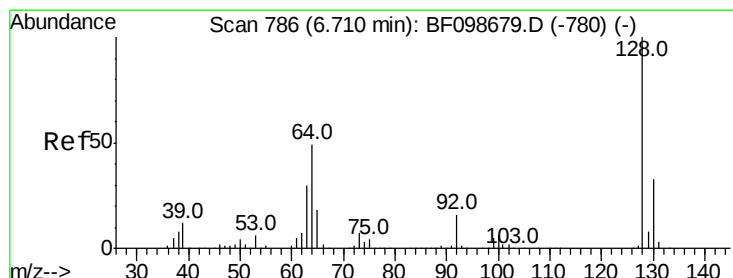
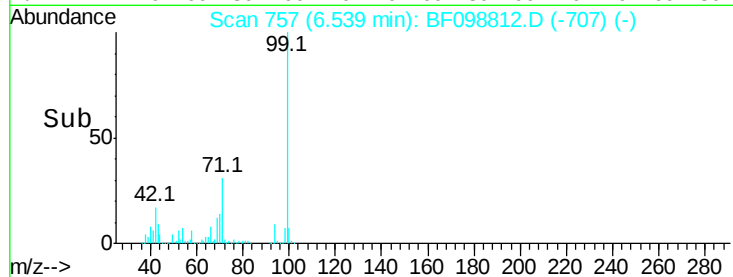
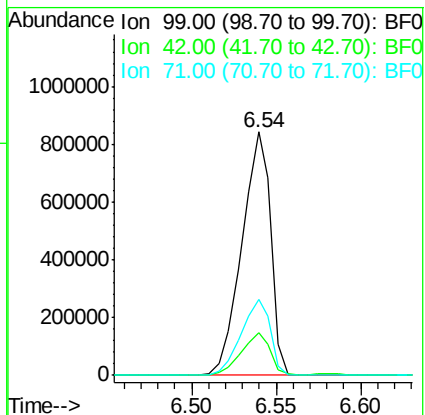
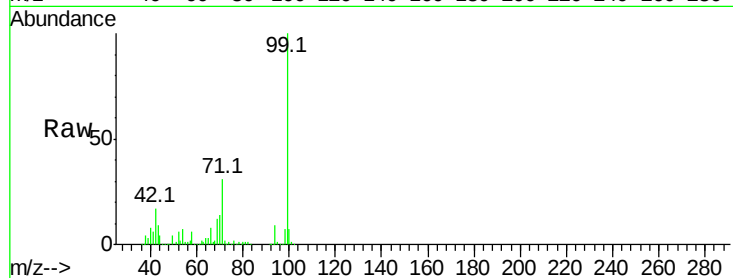
Tot Ion: 99 Resp: 1001460

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 31.3 25.4 38.0



#8

2-Chlorophenol

Concen: 39.568 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

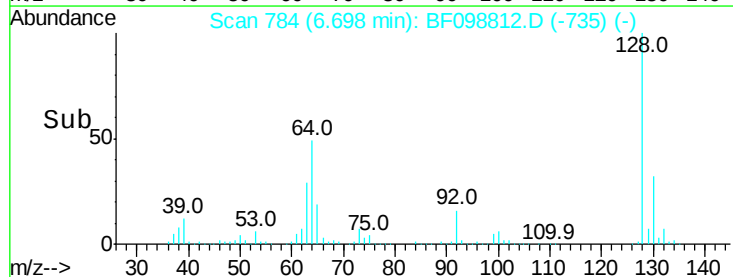
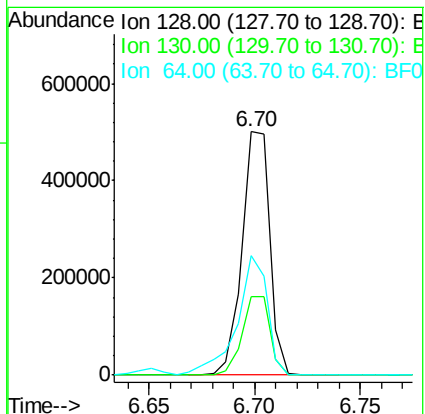
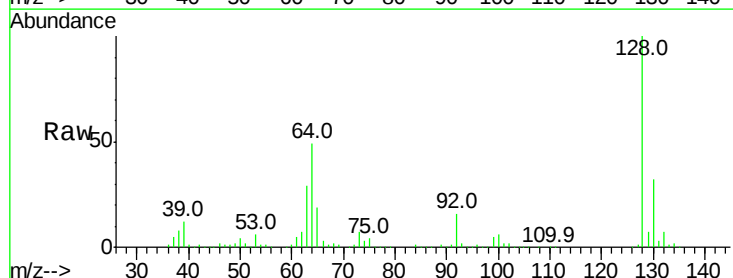
Tgt Ion: 128 Resp: 455751

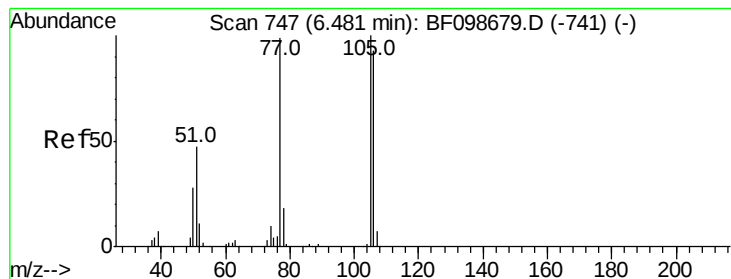
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 48.9 29.4 69.4





#9

Benzaldehyde

Concen: 38.295 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

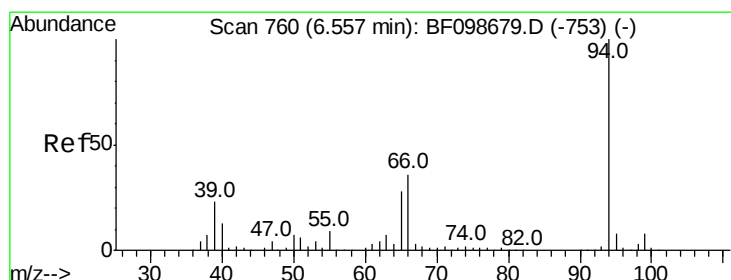
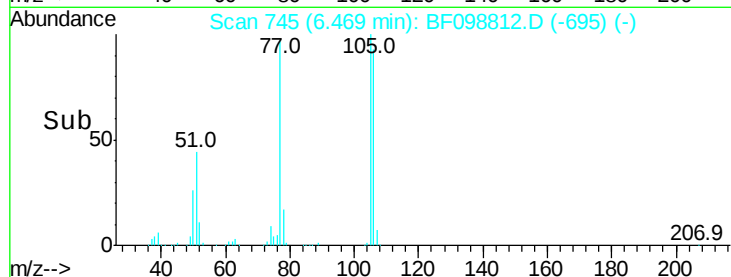
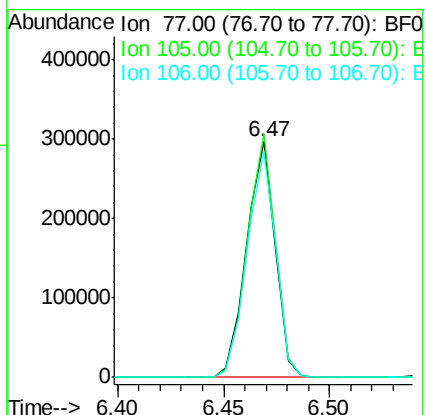
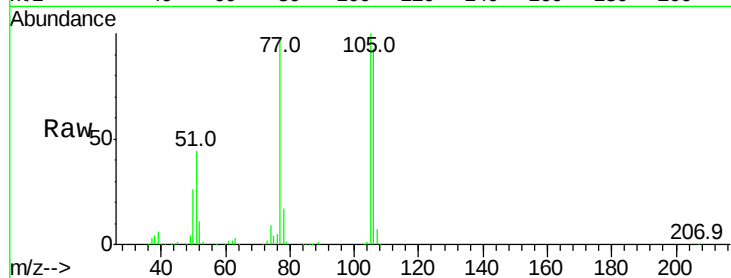
Tot Ion: 77 Resp: 278714

Ion Ratio Lower Upper

77 100

105 103.4 81.1 121.1

106 96.1 74.5 114.5



#10

Phenol

Concen: 39.257 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

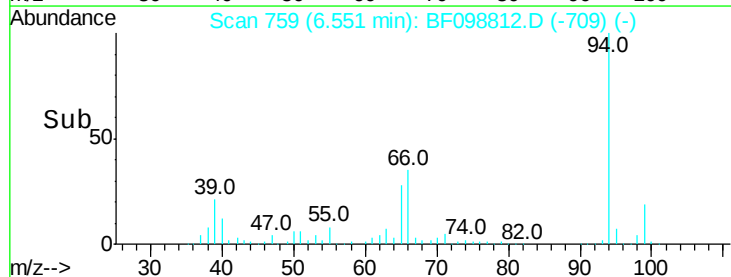
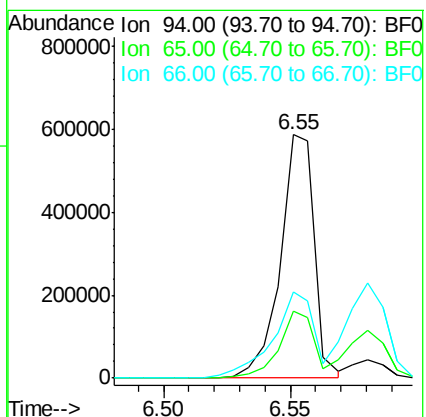
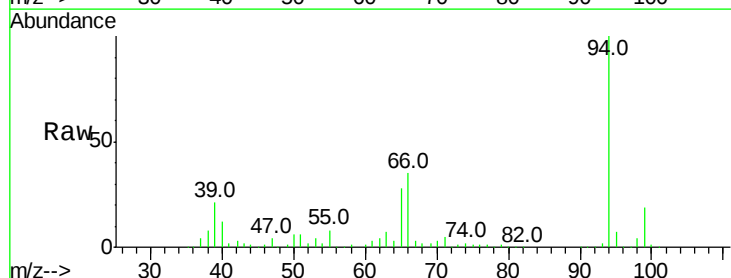
Tgt Ion: 94 Resp: 550865

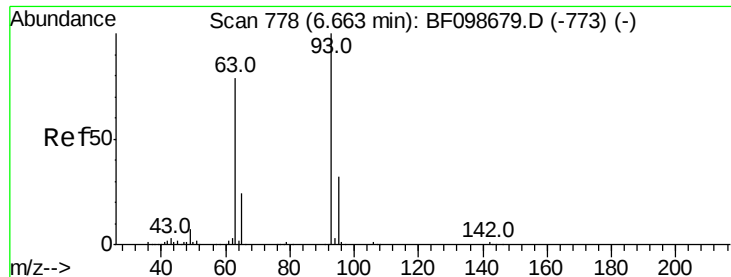
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 35.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.812 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

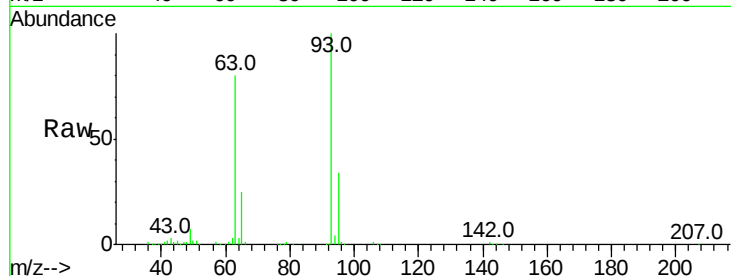
Tot Ion: 93 Resp: 434302

Ion Ratio Lower Upper

93 100

63 80.0 58.6 98.6

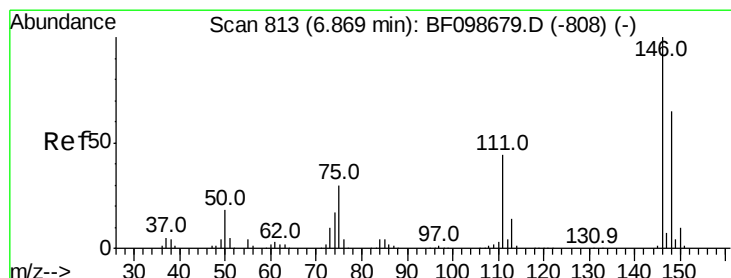
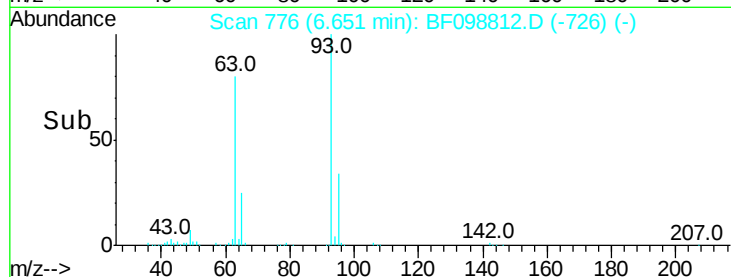
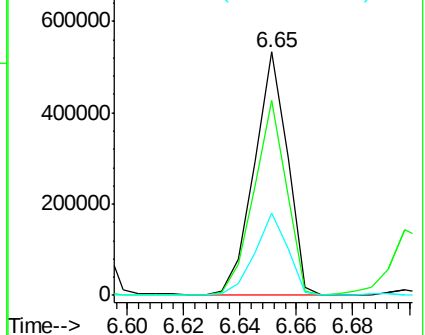
95 33.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.551 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

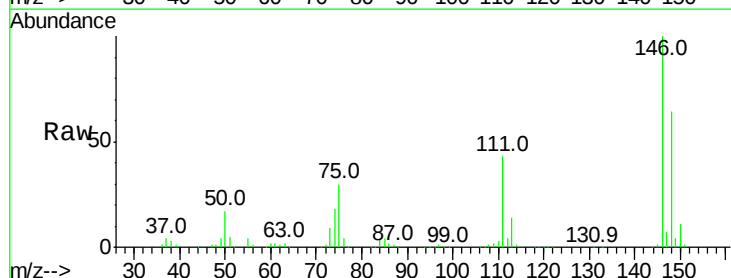
Tgt Ion: 146 Resp: 477084

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

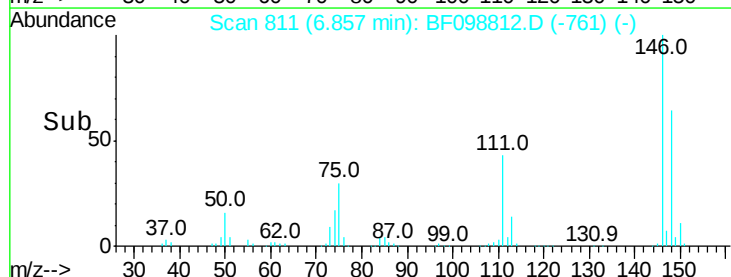
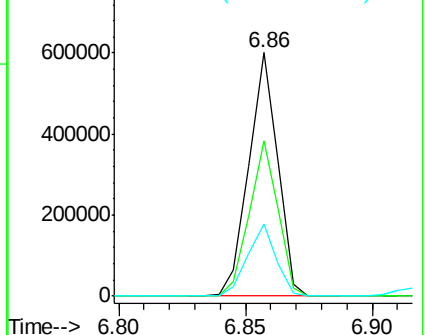
75 29.7 24.2 36.4

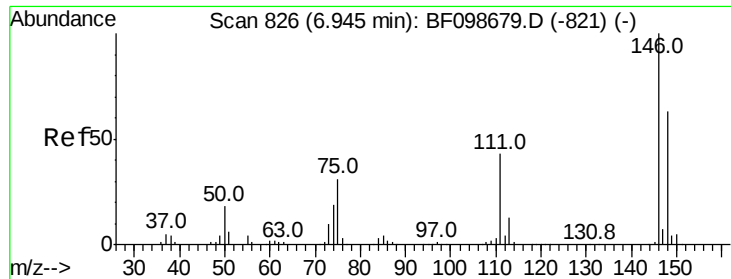


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

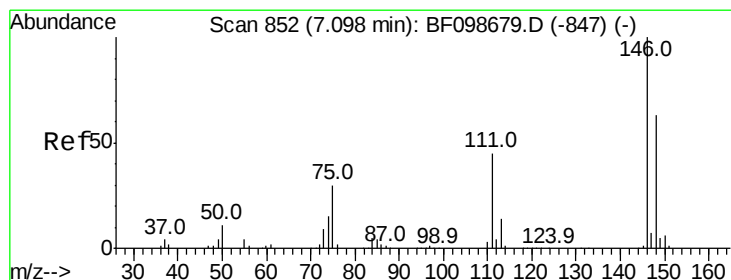
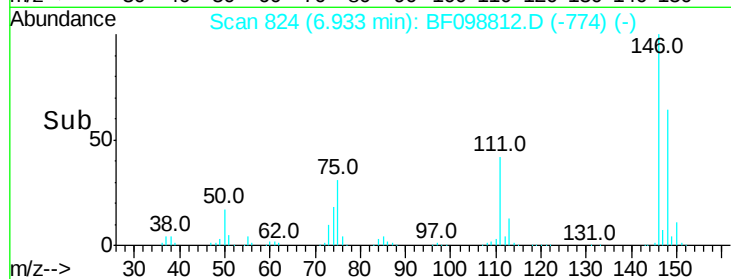
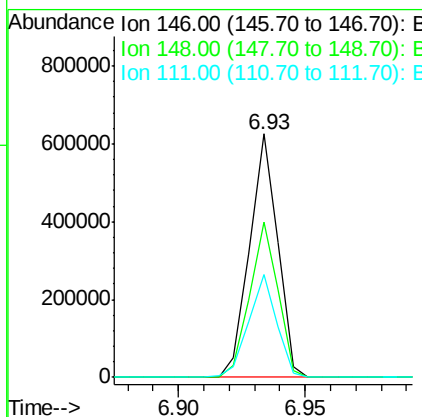
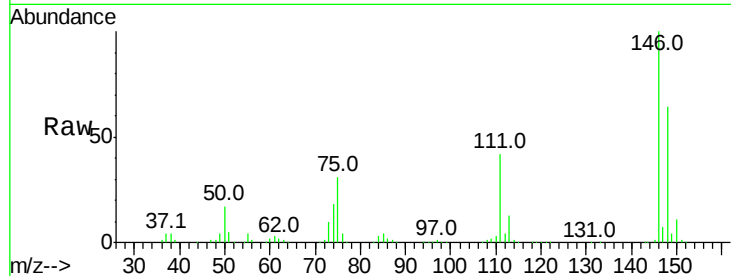




#13
 1,4-Dichlorobenzene
 Concen: 39.431 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

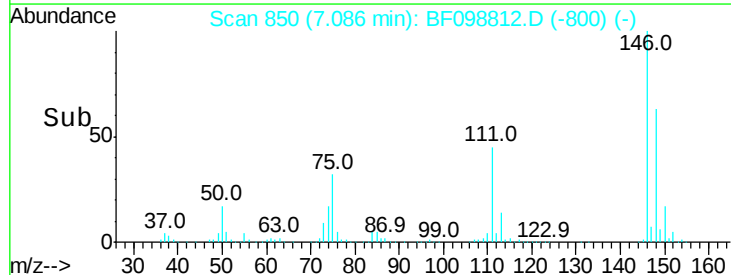
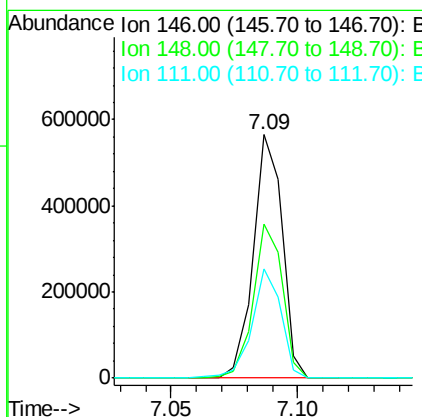
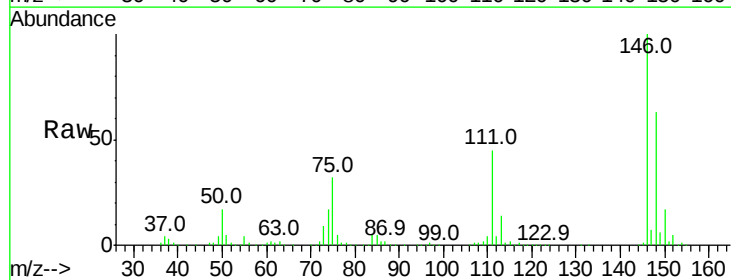
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	42.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.750 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.118 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

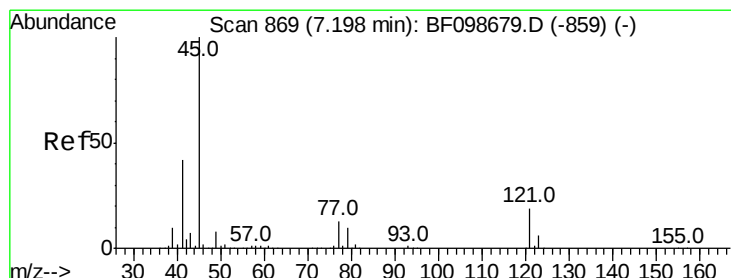
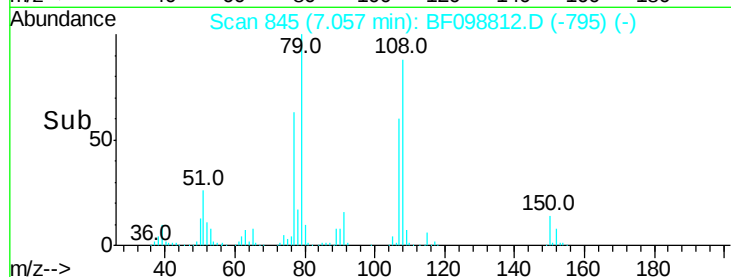
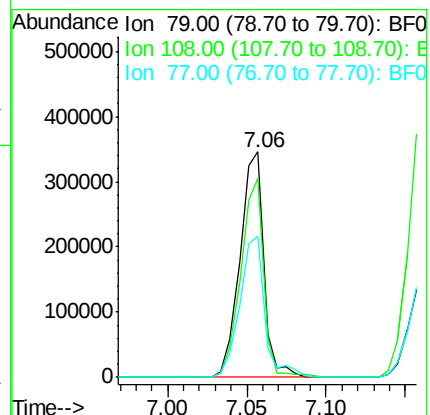
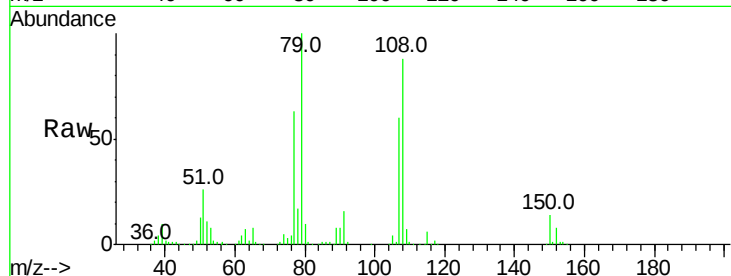
Tot Ion: 79 Resp: 360066

Ion Ratio Lower Upper

79 100

108 88.3 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.902 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

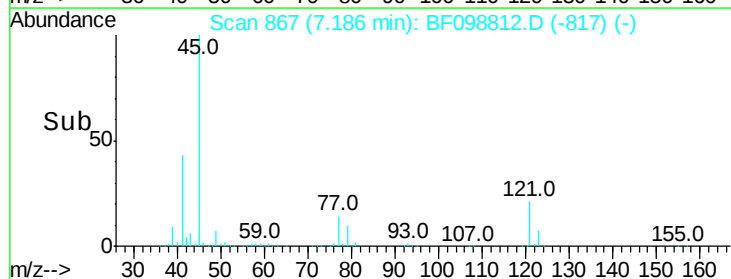
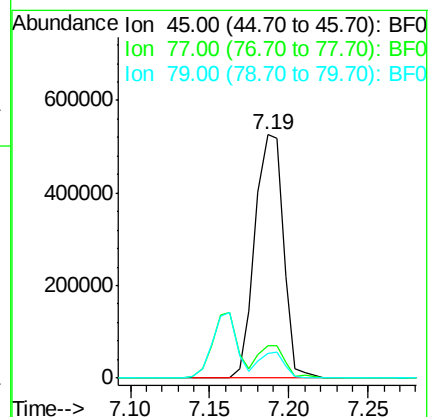
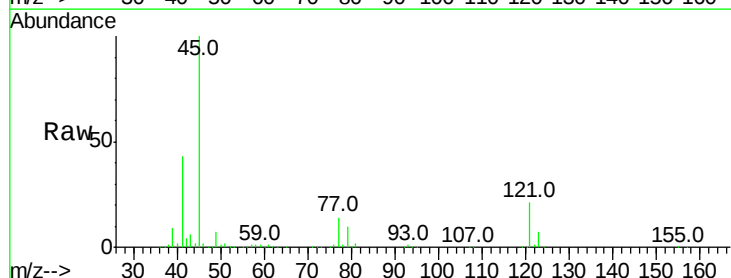
Tgt Ion: 45 Resp: 661176

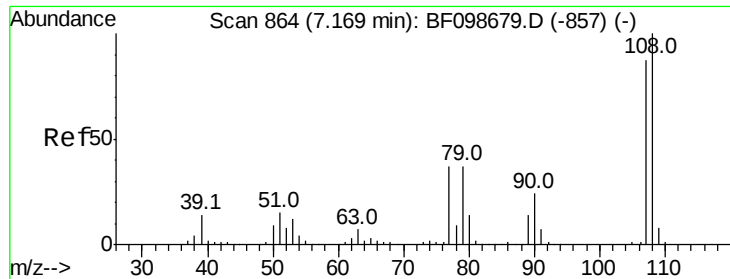
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.1 0.0 29.6

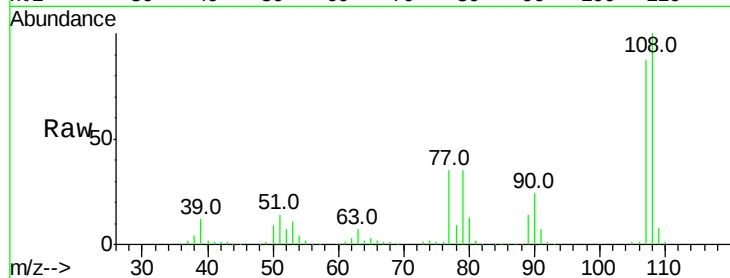




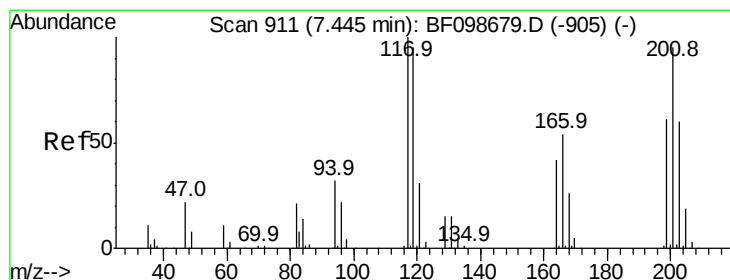
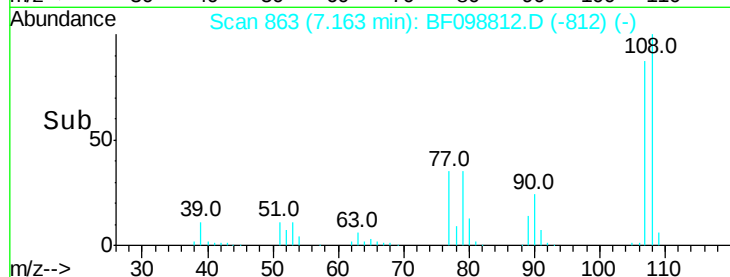
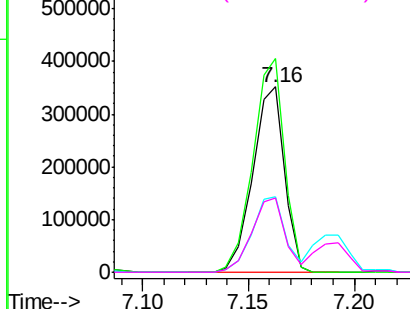
#17
2-Methylphenol
Concen: 39.009 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	367638
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	40.5	33.8	50.8
79	40.1	33.8	50.8

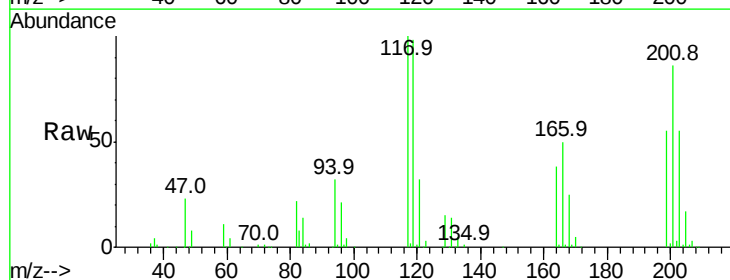


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

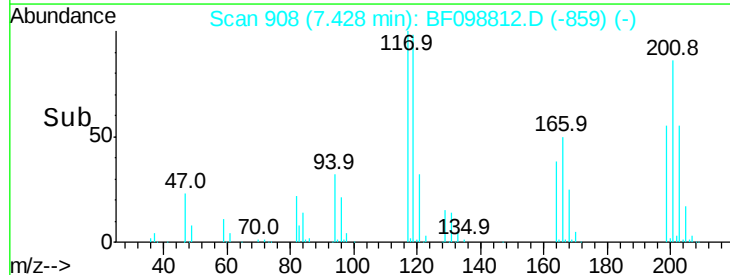
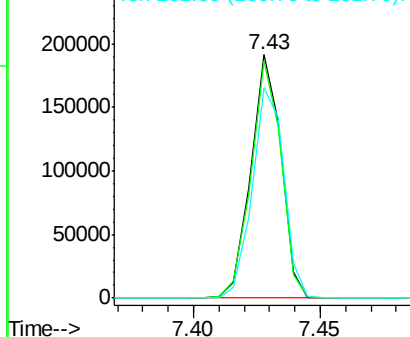


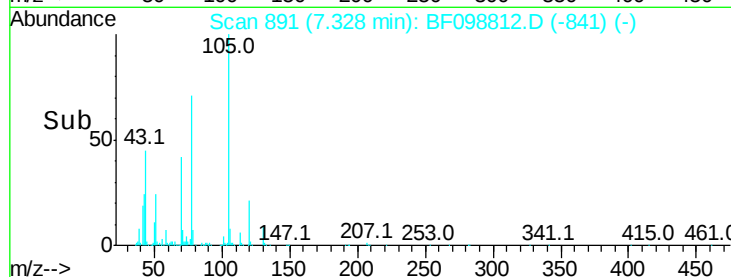
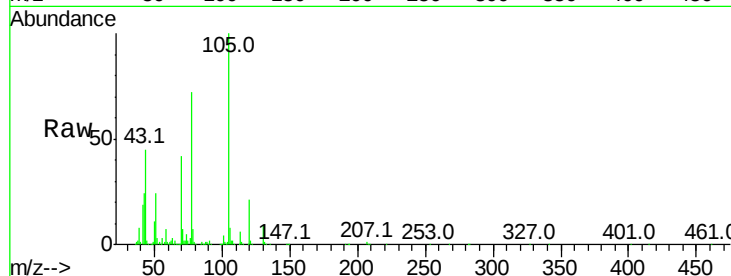
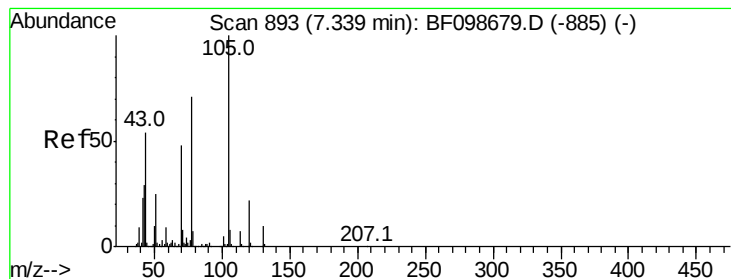
#18
Hexachloroethane
Concen: 36.199 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:	117	Resp:	159686
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	86.1	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.176 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 305815

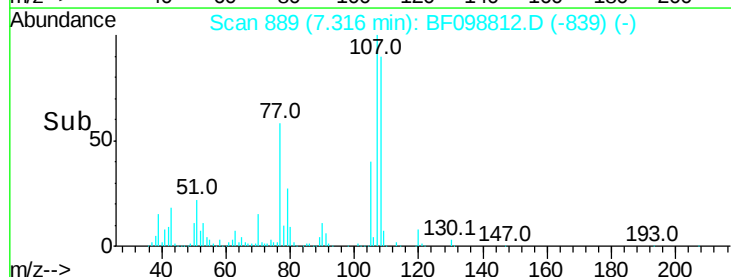
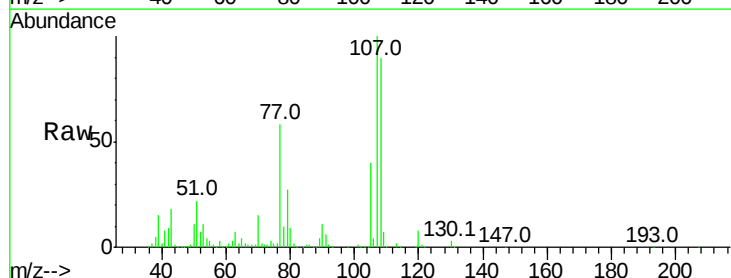
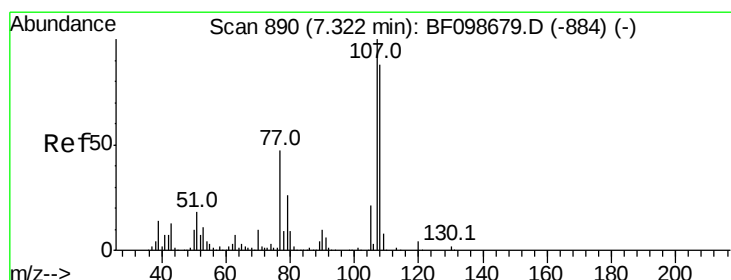
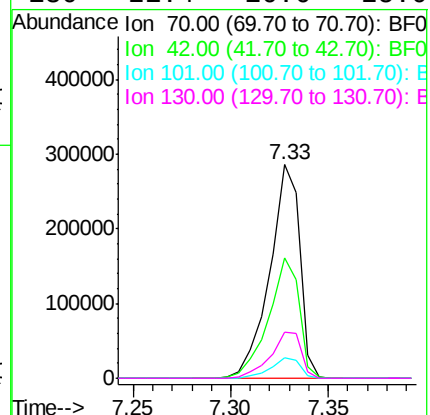
Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 9.5 7.4 11.2

130 21.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.981 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Tgt Ion:107 Resp: 464756

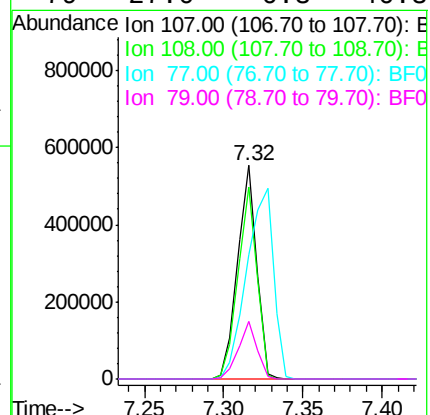
Ion Ratio Lower Upper

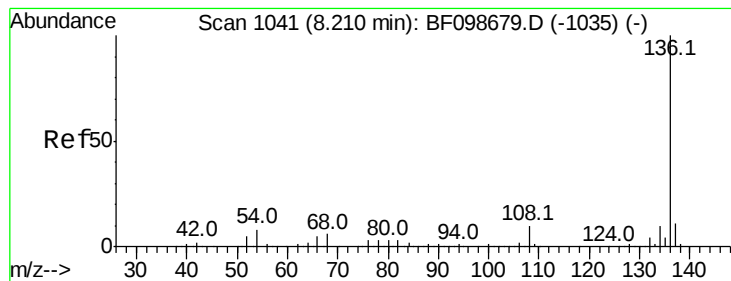
107 100

108 90.2 68.2 108.2

77 58.4 26.7 66.7

79 27.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 684674

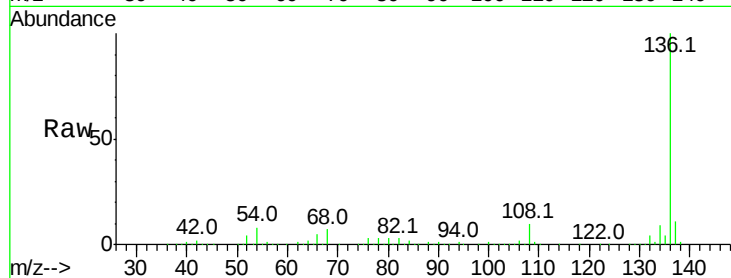
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 6.5 5.0 7.4

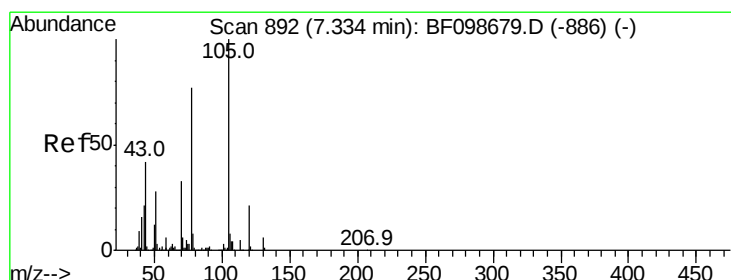
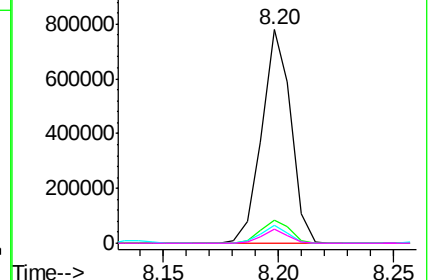
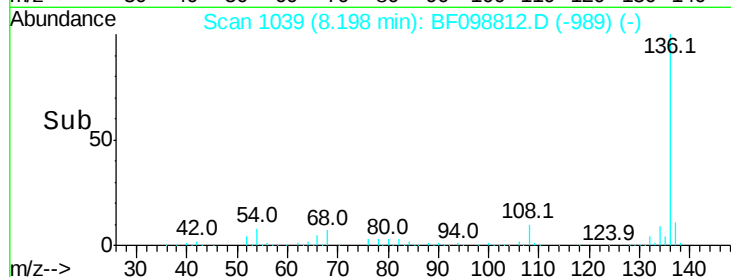


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.637 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Tgt Ion:105 Resp: 624343

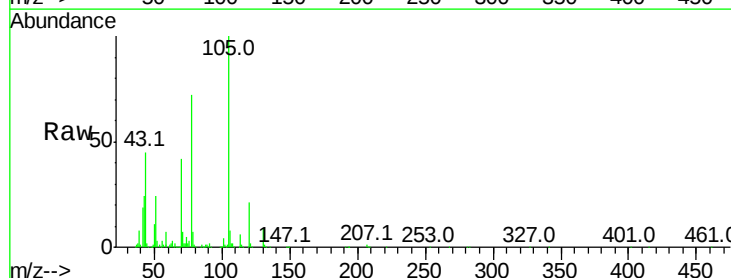
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 24.3 22.3 33.5

120 21.4 16.9 25.3

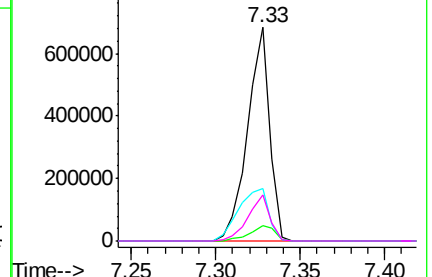
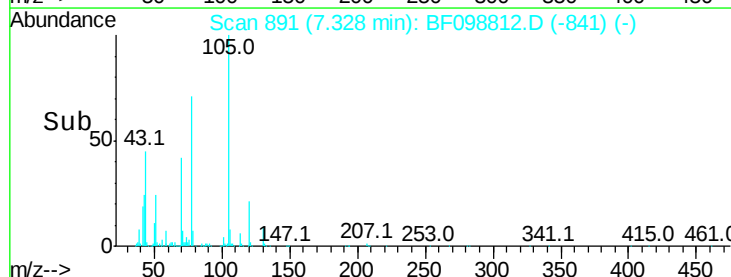


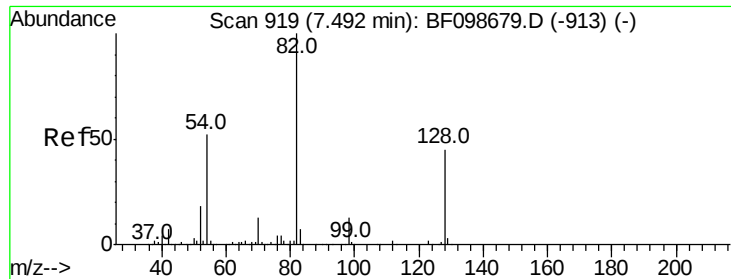
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

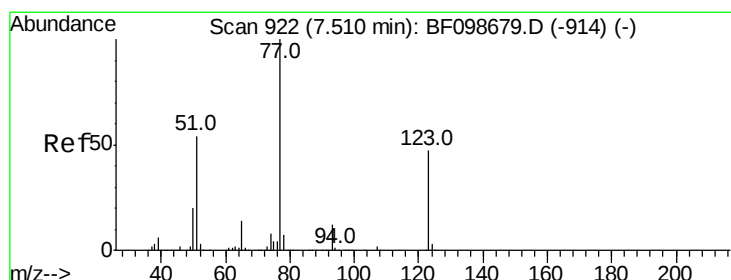
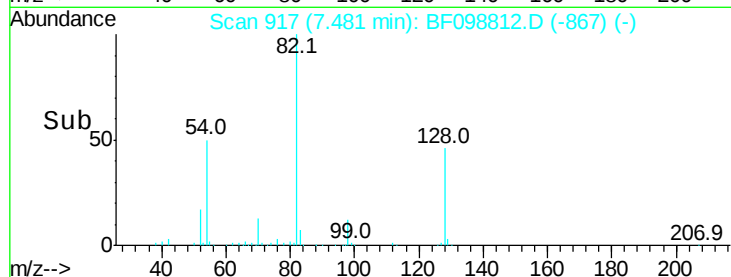
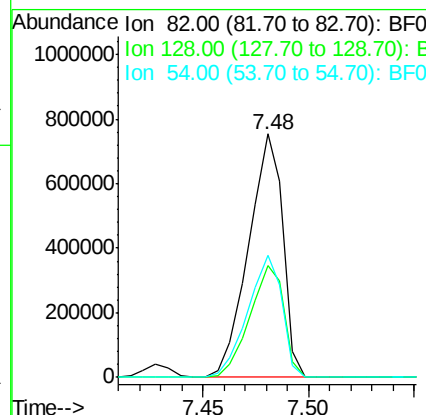
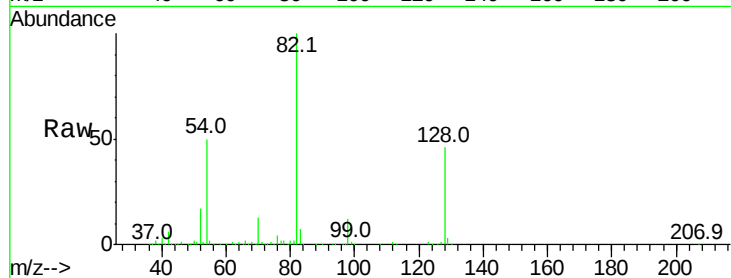




#23
 Nitrobenzene-d5
 Concen: 79.527 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

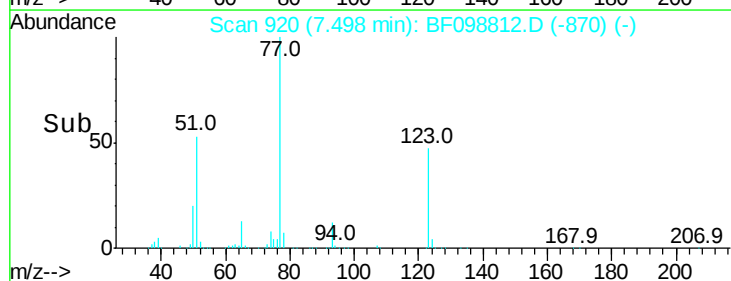
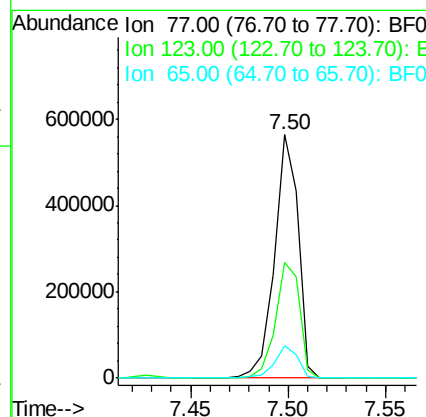
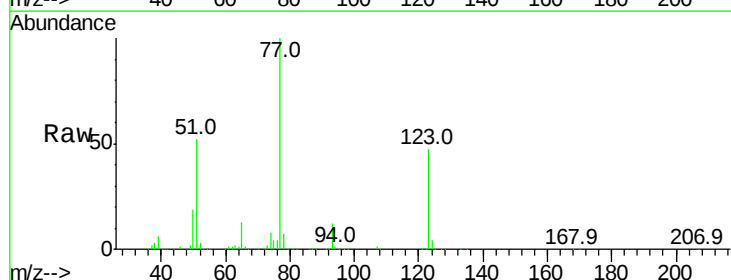
Instrument :
 BNA_F
 ClientSampled :

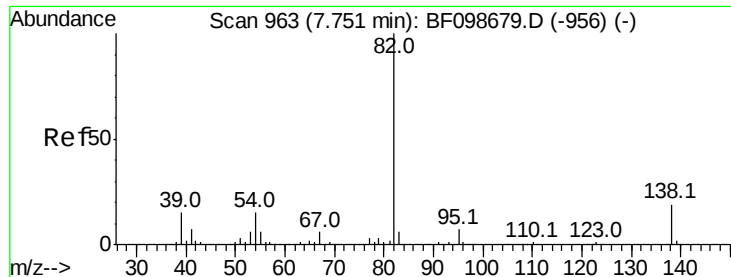
Tot Ion: 82 Resp: 849056
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 49.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.996 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion: 77 Resp: 472274
 Ion Ratio Lower Upper
 77 100
 123 47.4 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 38.587 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

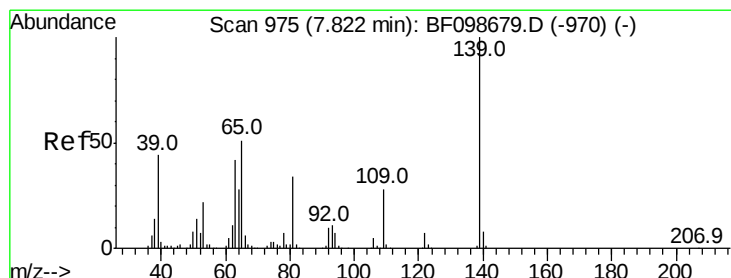
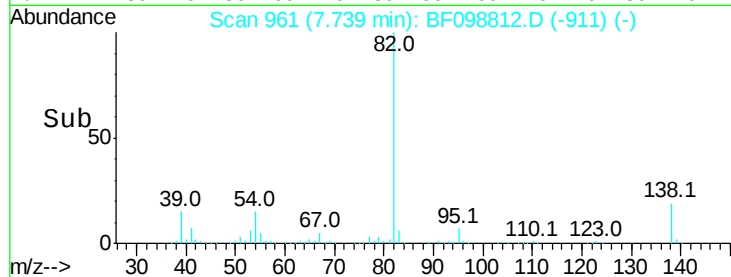
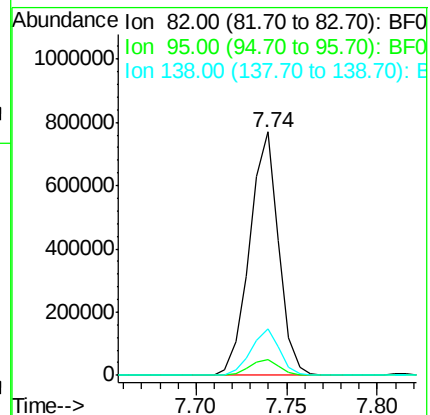
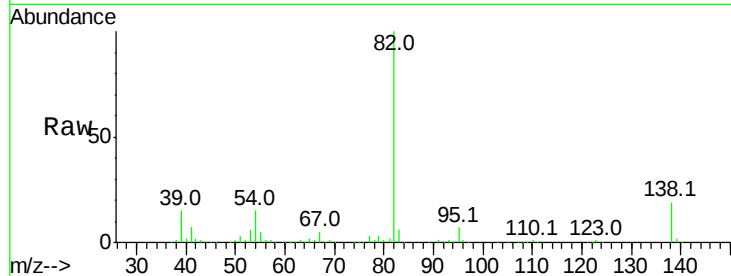
Tot Ion: 82 Resp: 851753

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 40.118 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

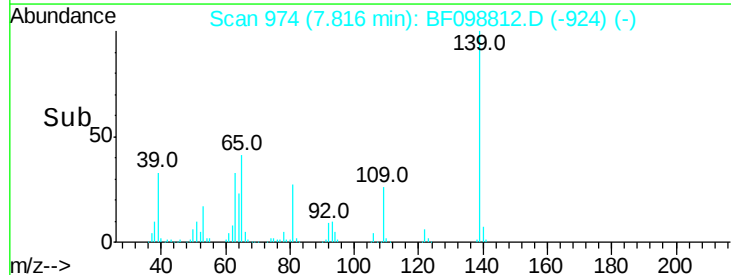
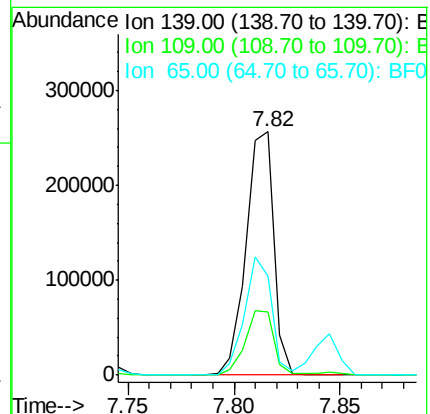
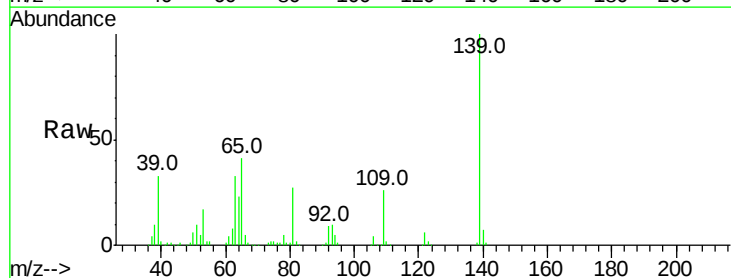
Tgt Ion: 139 Resp: 233644

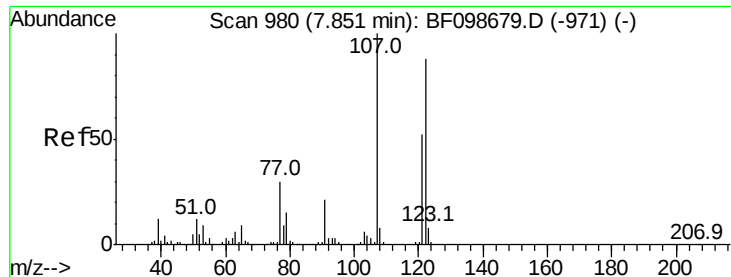
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 40.7 40.5 60.7

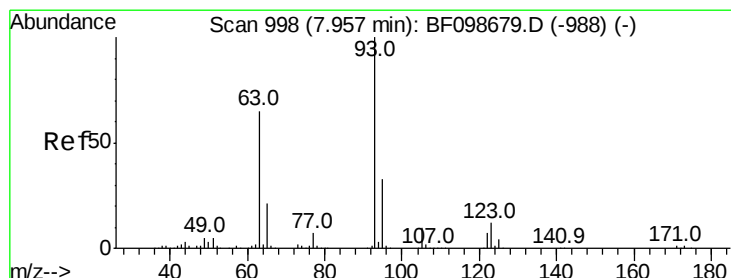
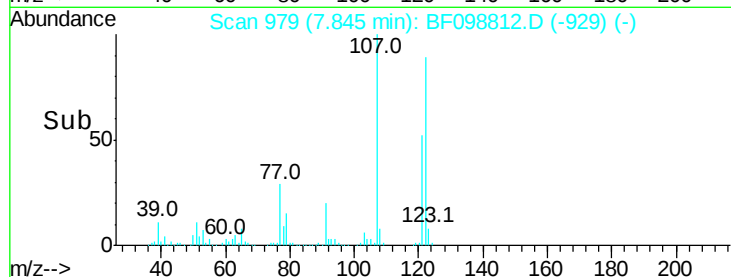
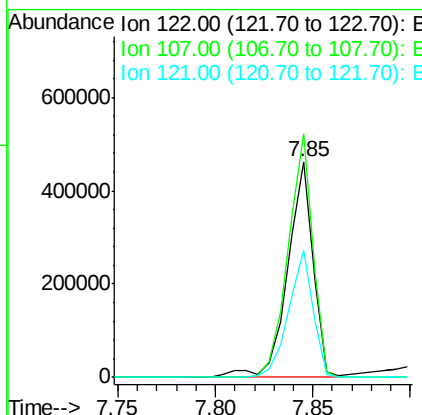
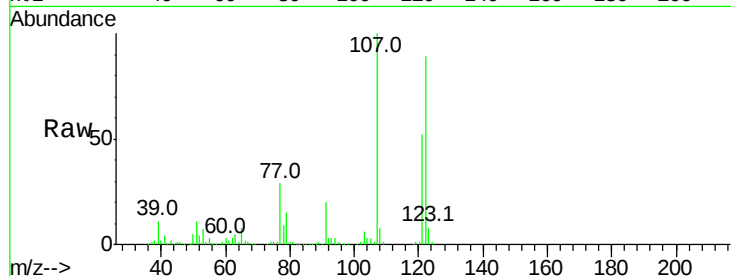




#27
 2,4-Dimethylphenol
 Concen: 38.213 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

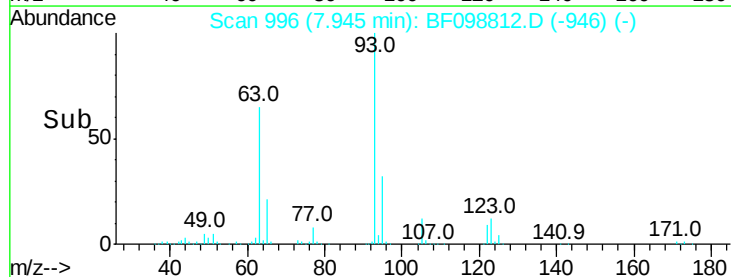
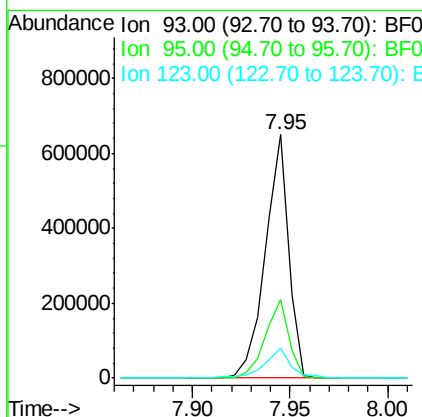
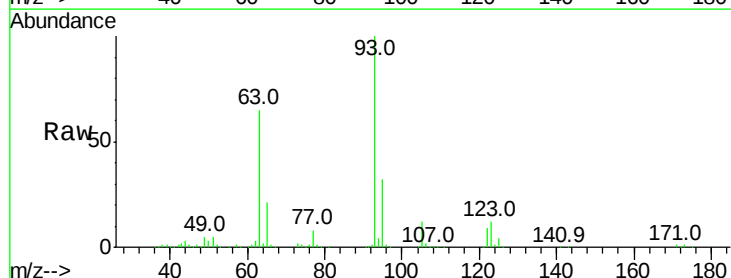
Instrument :
 BNA_F
 ClientSampleId :

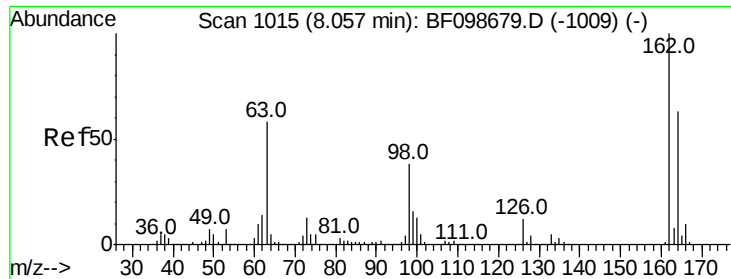
Tot Ion:122 Resp: 420279
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.202 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion: 93 Resp: 539253
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 12.1 9.8 14.6

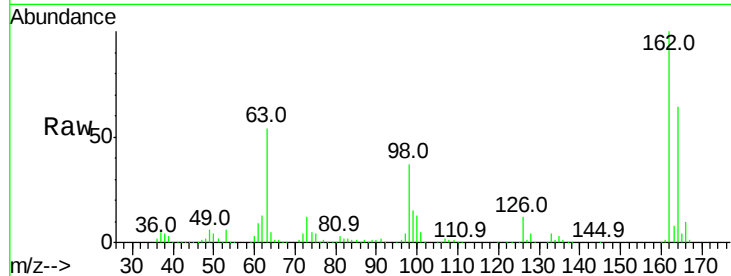




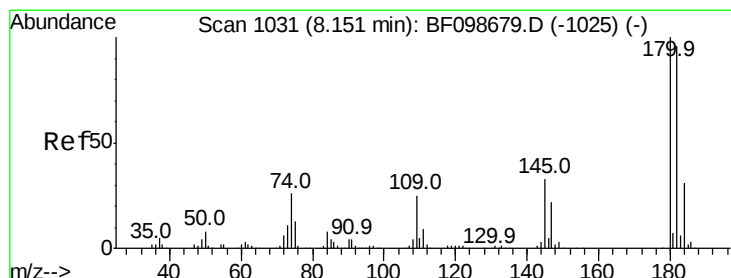
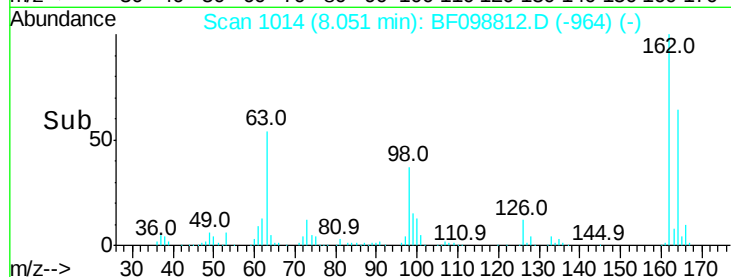
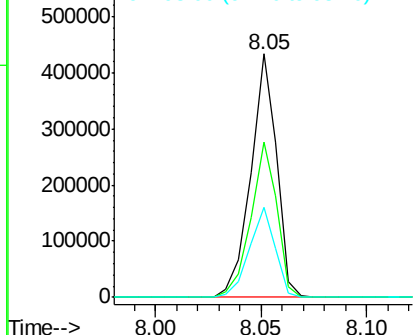
#29
 2,4-Dichlorophenol
 Concen: 39.175 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	369928		
164	63.9		42.7	82.7
98	37.1		18.1	58.1

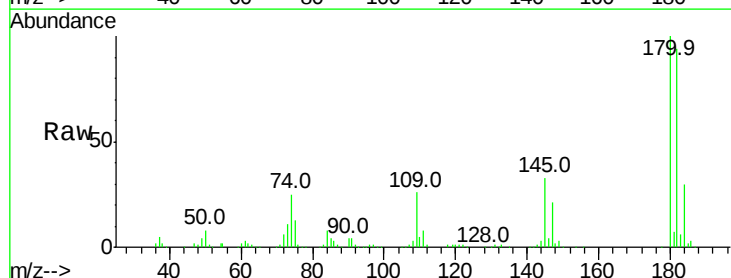


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

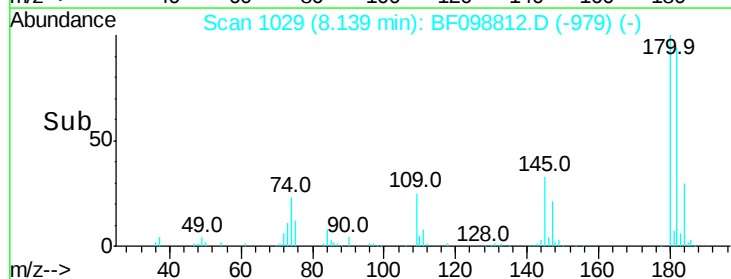
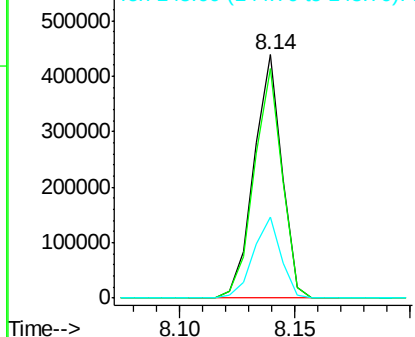


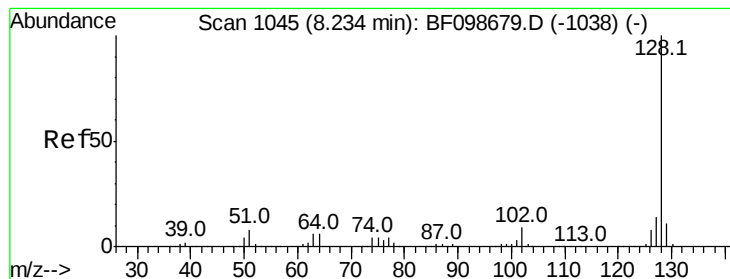
#30
 1,2,4-Trichlorobenzene
 Concen: 39.102 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	369295		
182	94.1		76.8	115.2
145	33.4		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: 38.268 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

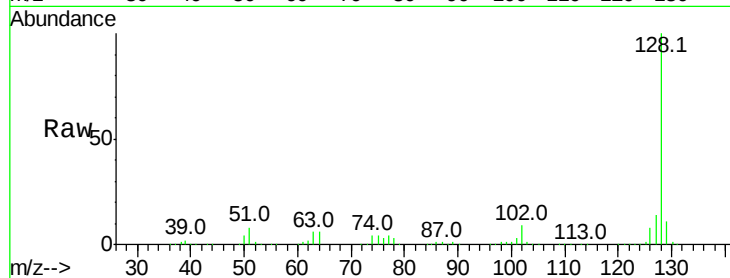
Tot Ion:128 Resp: 1230574

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

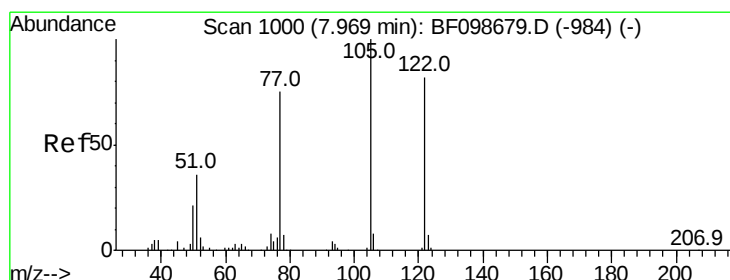
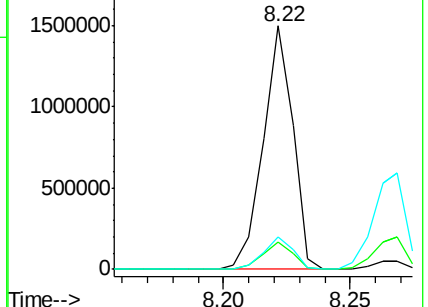
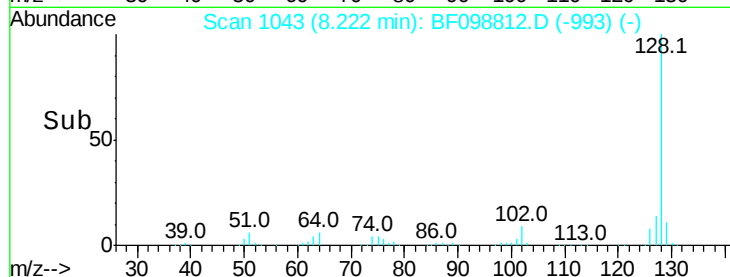
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.480 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

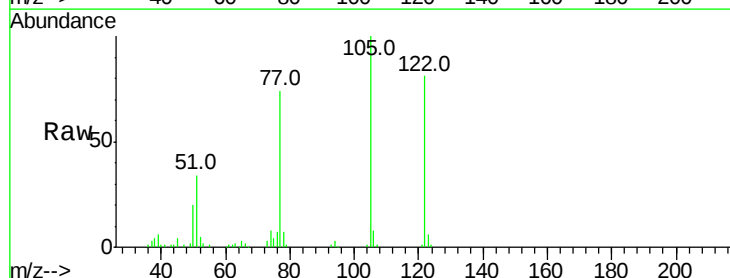
Tgt Ion:122 Resp: 302468

Ion Ratio Lower Upper

122 100

105 122.8 101.1 141.1

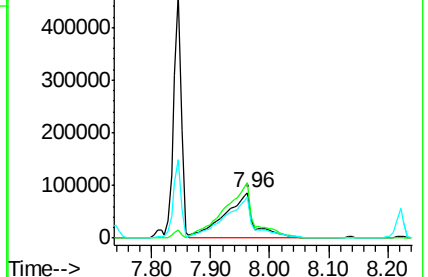
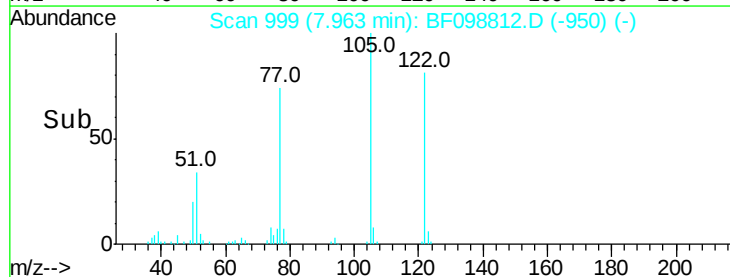
77 90.6 70.7 110.7

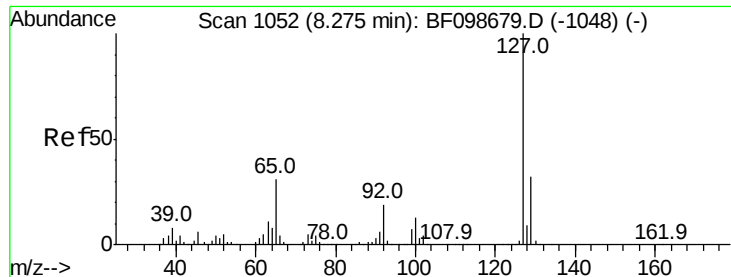


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

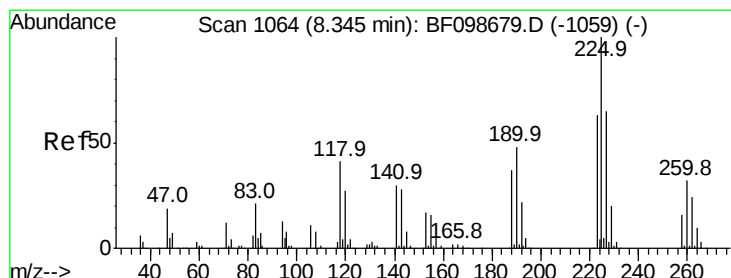
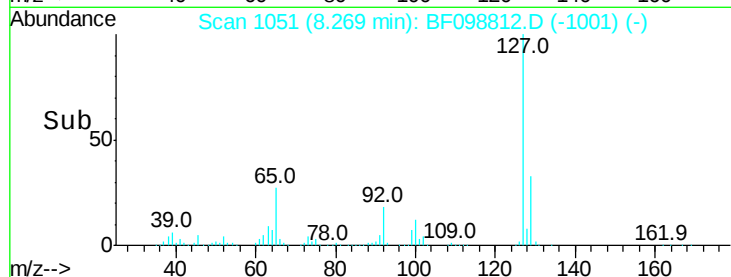
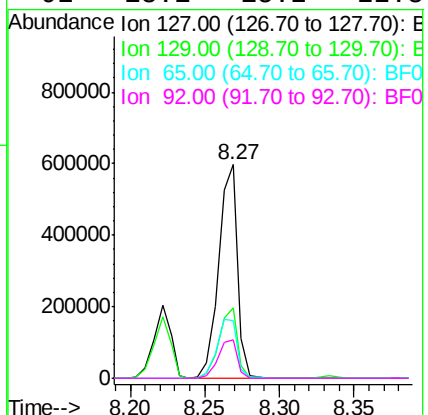
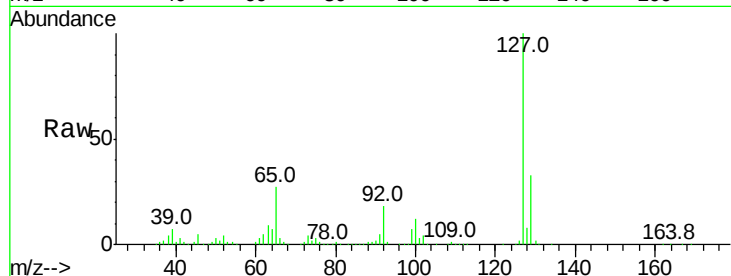




#33
4-Chloroaniline
Concen: 39.313 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

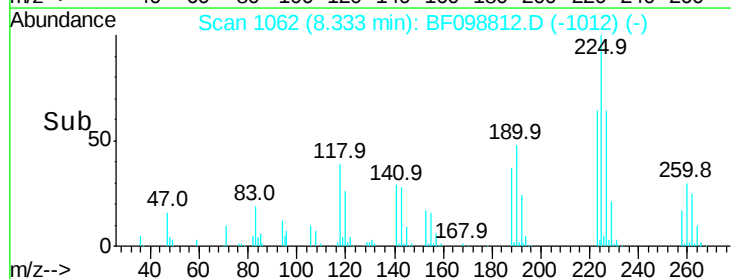
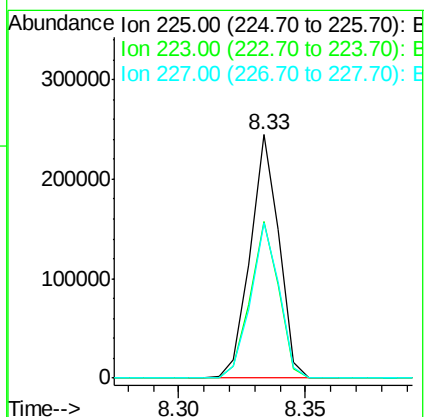
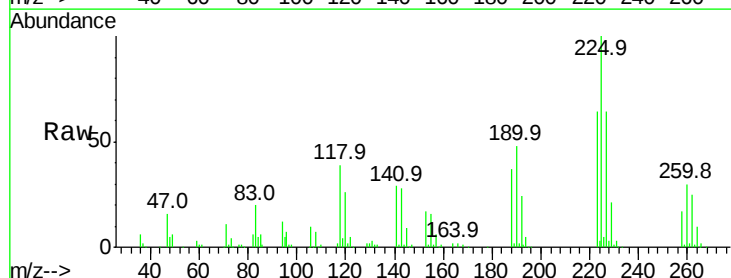
Instrument :
BNA_F
ClientSampleId :

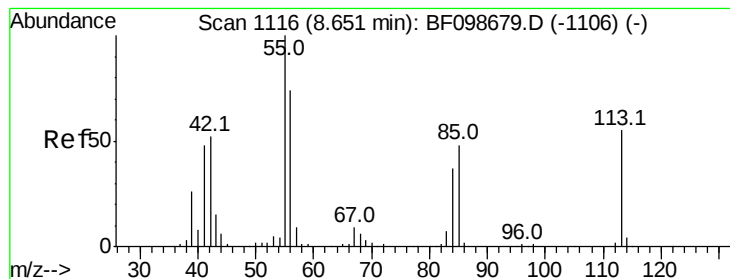
Tot Ion:	127	Resp:	527920
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	27.1	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:	225	Resp:	191710
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.7	51.9	77.9





#35

Caprolactam

Concen: 38.891 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

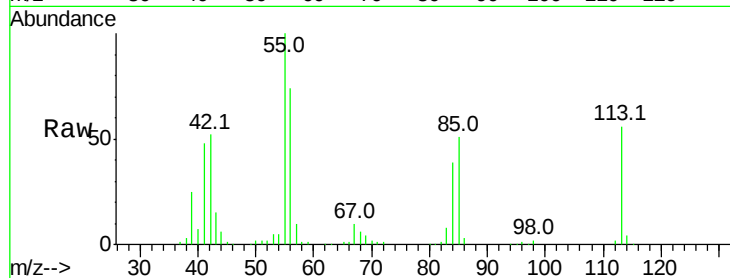
Tot Ion:113 Resp: 117803

Ion Ratio Lower Upper

113 100

55 177.7 163.3 203.3

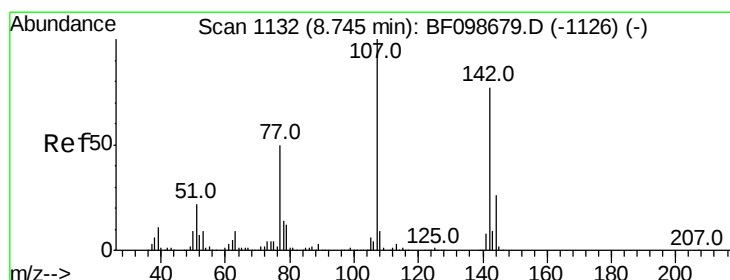
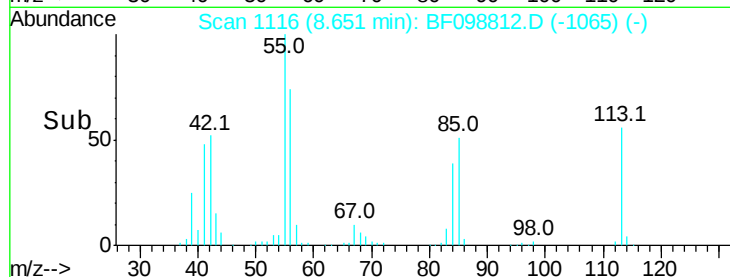
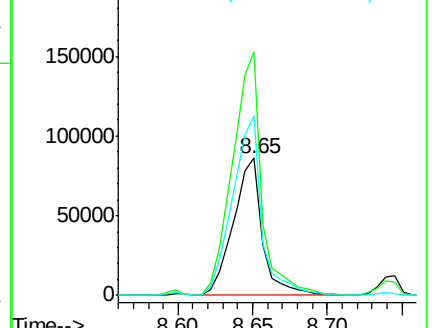
56 131.2 115.7 155.7



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: 38.552 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

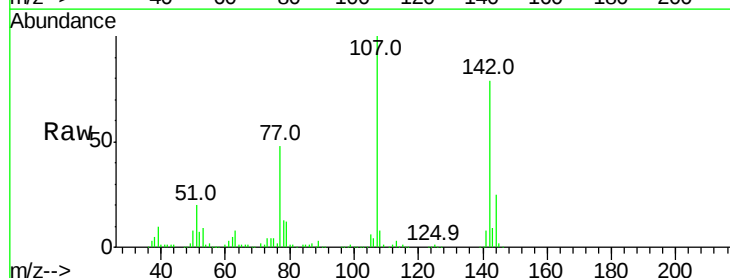
Tgt Ion:107 Resp: 409186

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

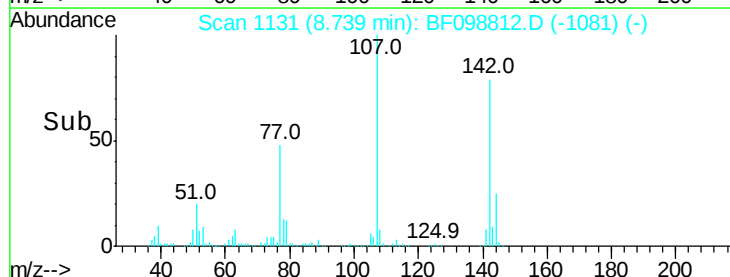
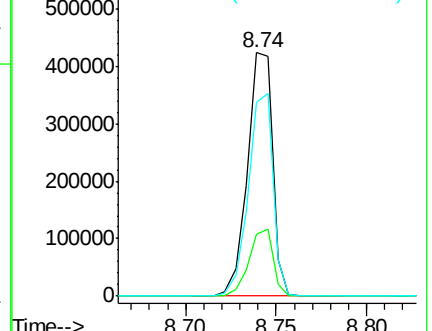
142 79.3 62.0 93.0

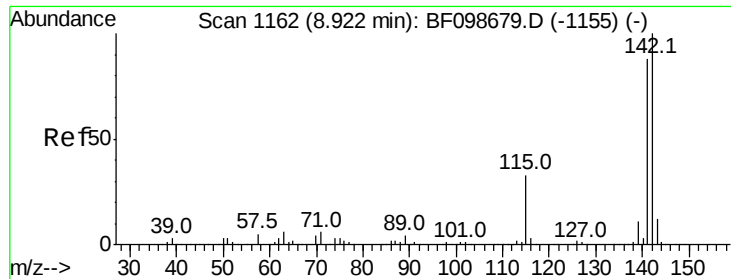


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

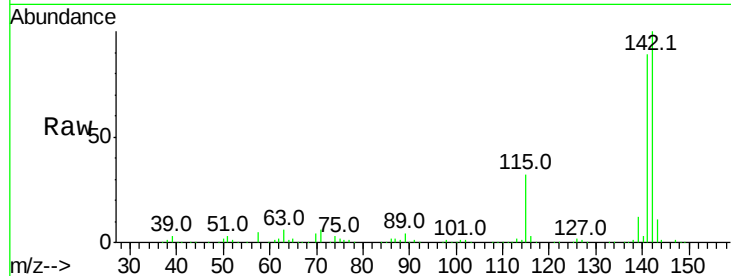




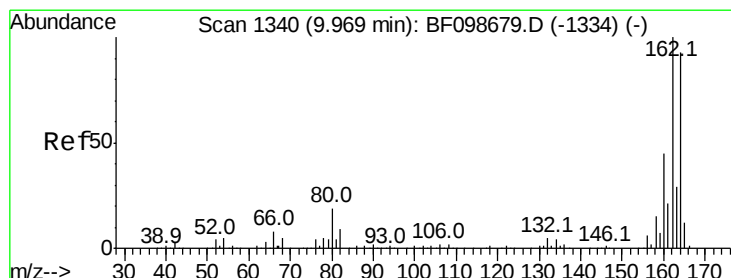
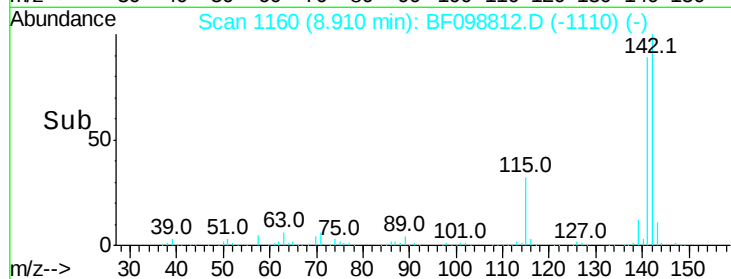
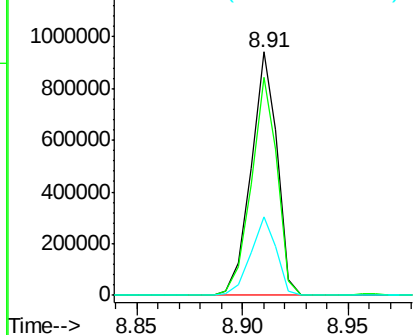
#37
 2-Methylnaphthalene
 Concen: 38.469 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 804171
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 32.3 26.1 39.1

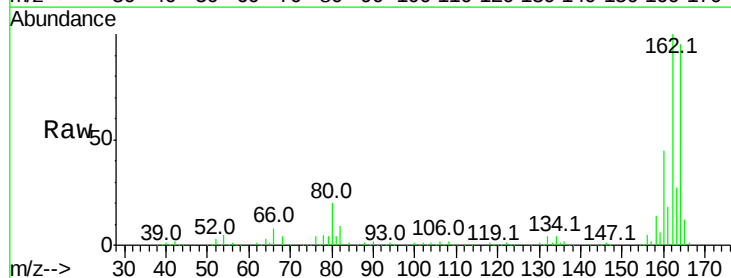


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

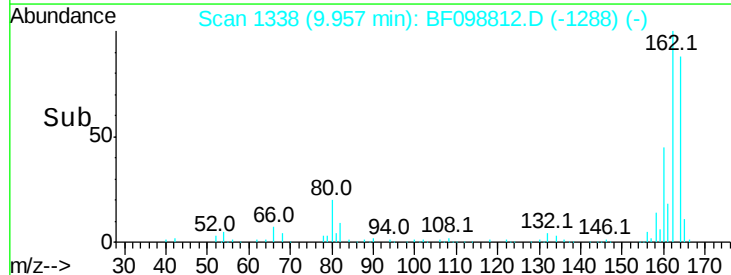
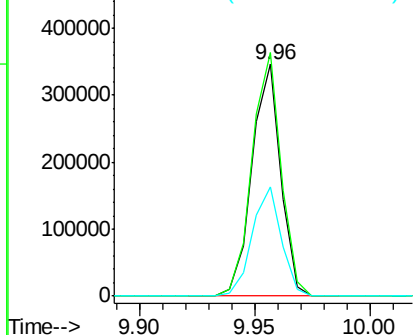


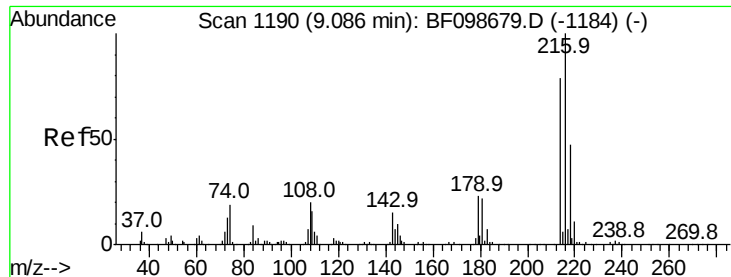
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:164 Resp: 299745
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 47.1 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

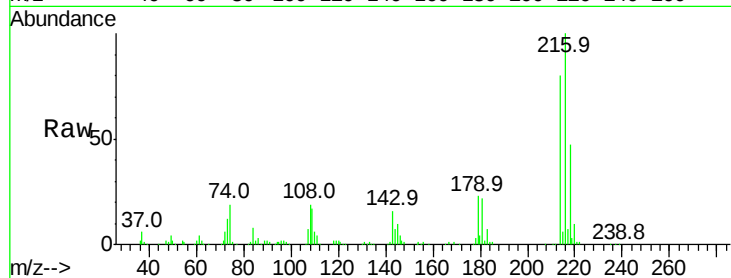




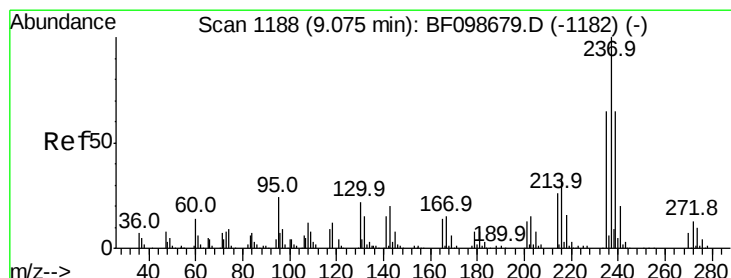
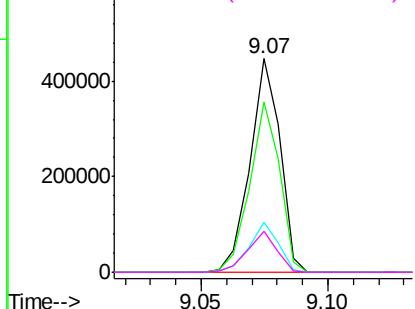
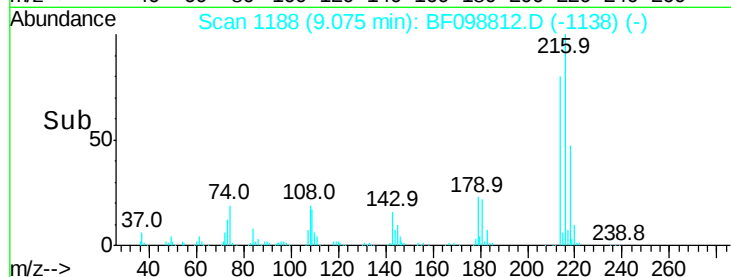
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.205 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	368338
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.8	18.1	27.1
108	19.3	17.2	25.8

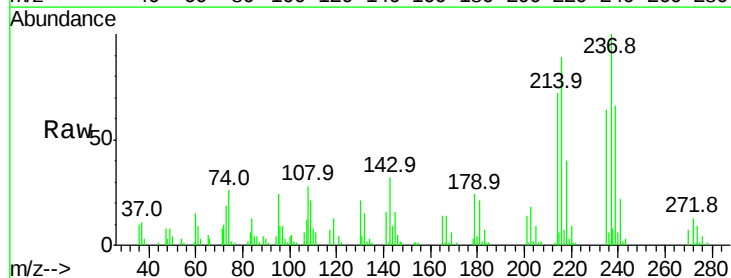


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

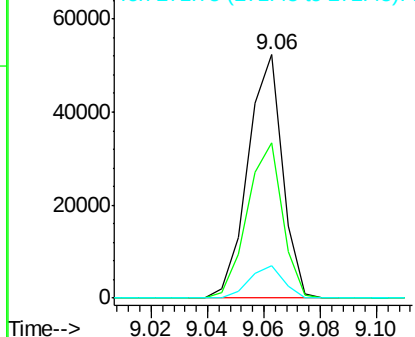
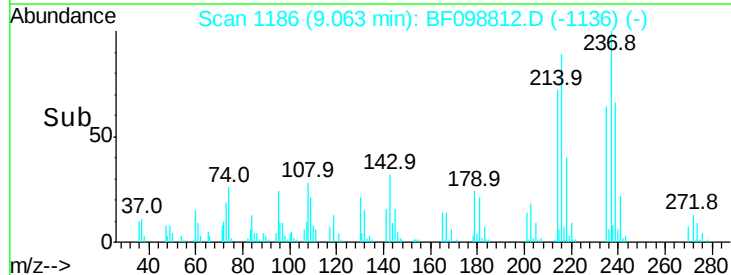


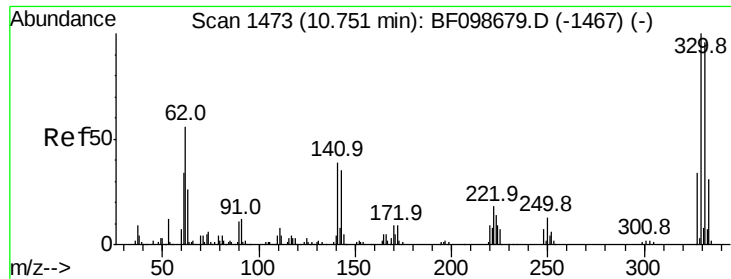
#40
 Hexachlorocyclopentadiene
 Concen: 10.870 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:	237	Resp:	44405
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.2	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

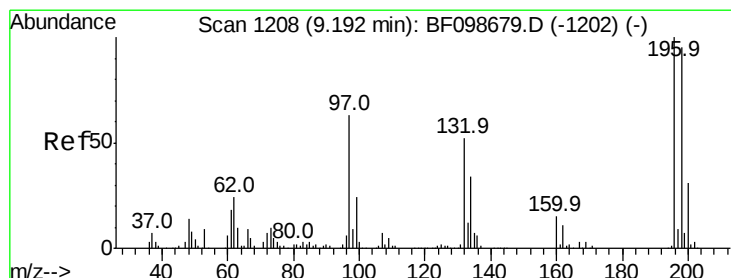
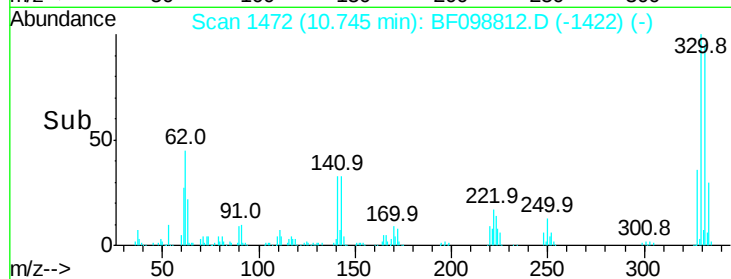
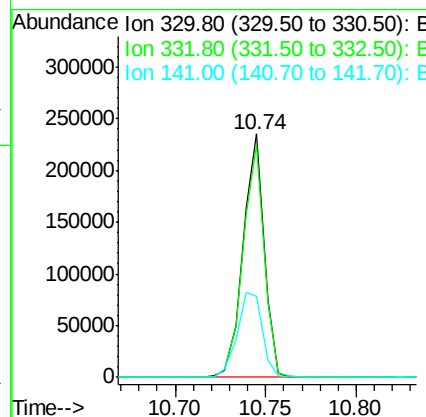
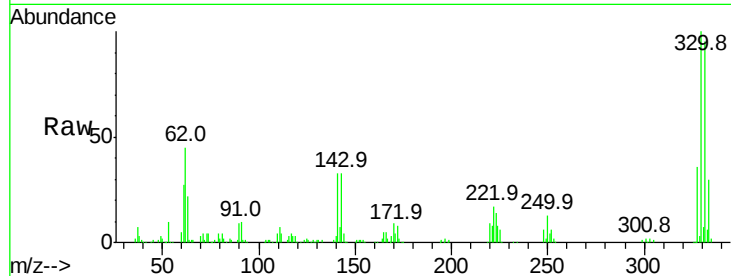




#41
 2,4,6-Tribromophenol
 Concen: 77.574 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

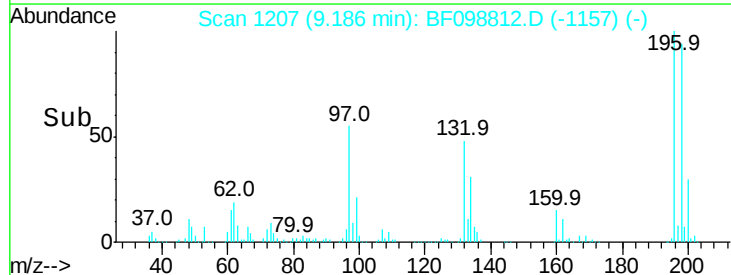
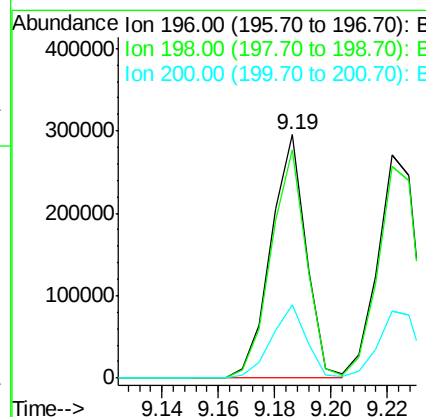
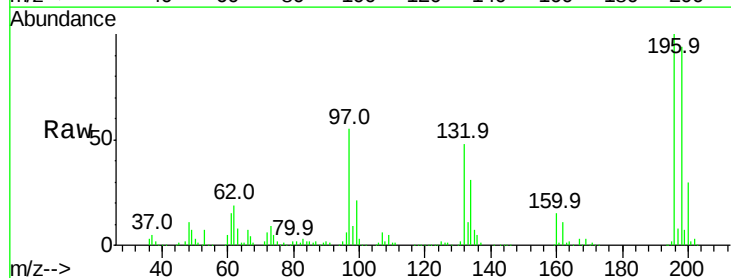
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	41.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.380 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
200	30.3	24.5	36.7

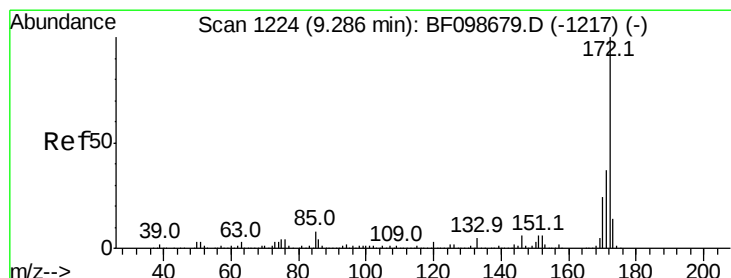
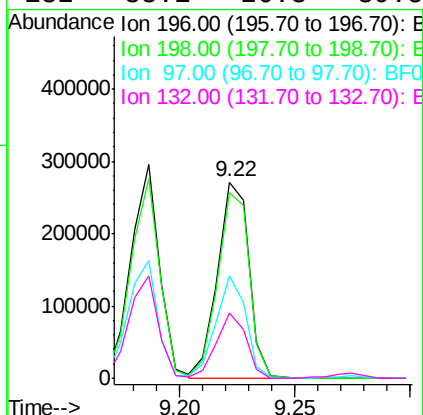
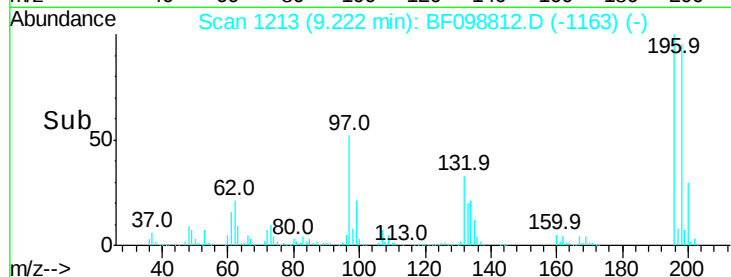
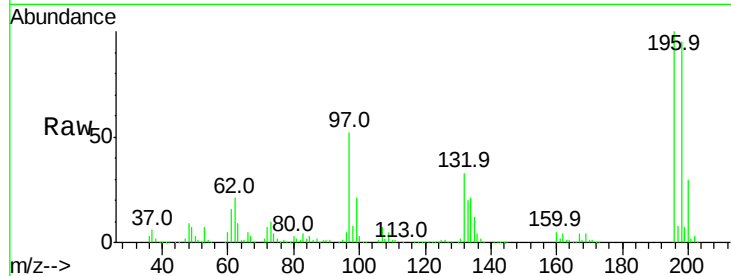




#43
 2,4,5-Trichlorophenol
 Concen: 40.410 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

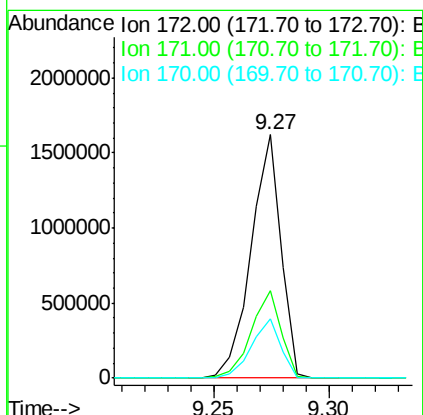
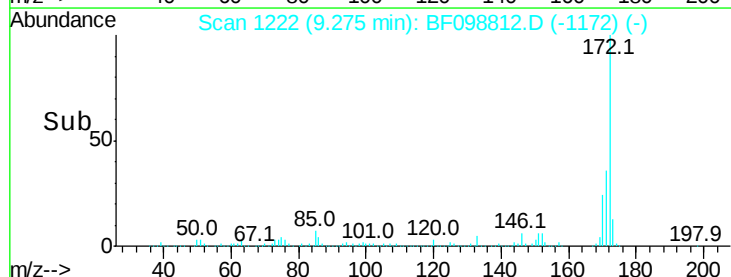
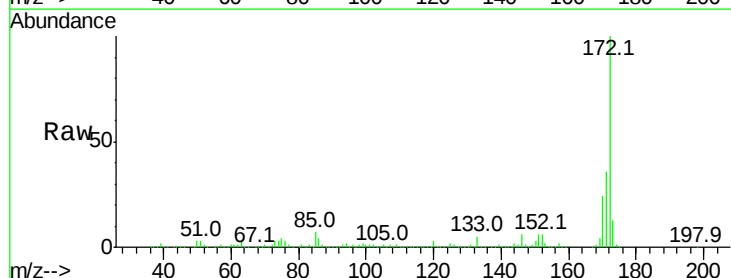
Instrument :
 BNA_F
 ClientSampled :

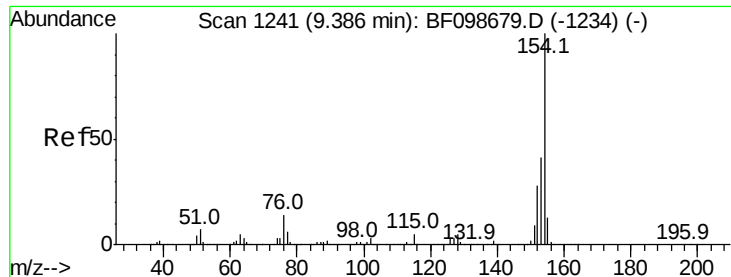
Tot Ion:	196	Resp:	255464
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	52.1	42.9	64.3
132	33.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 81.817 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:	172	Resp:	1469028
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



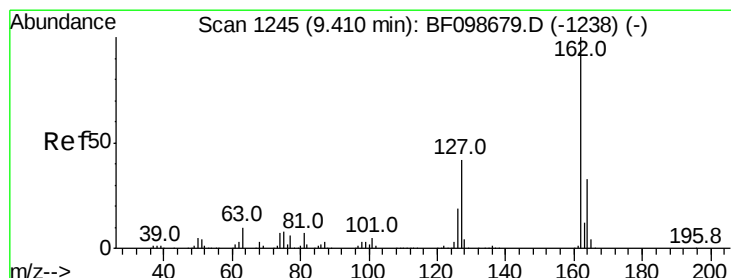
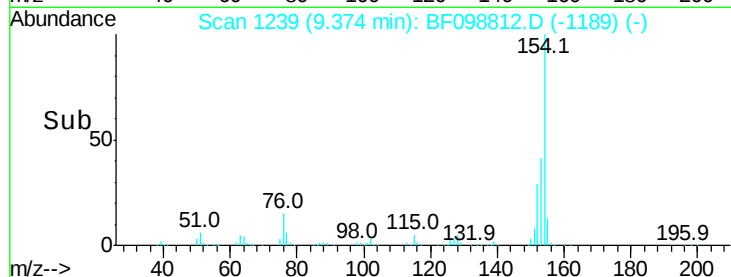
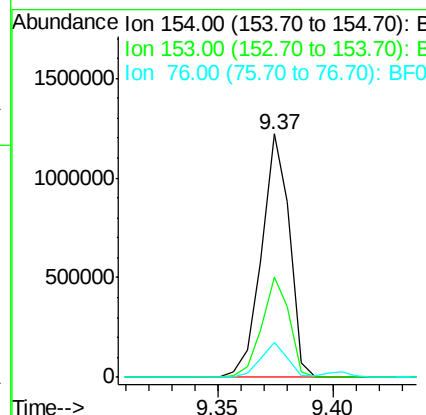
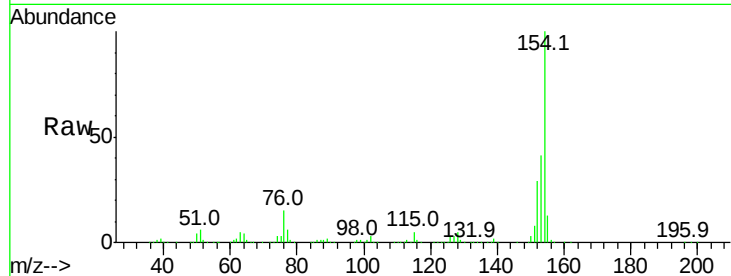


#45
 1,1'-Biphenyl
 Concen: 39.889 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1027590

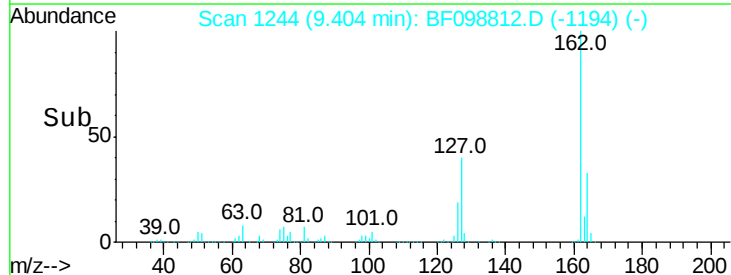
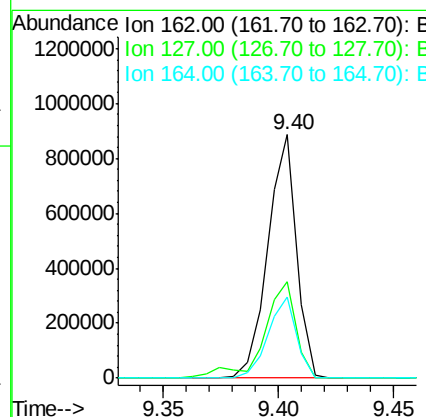
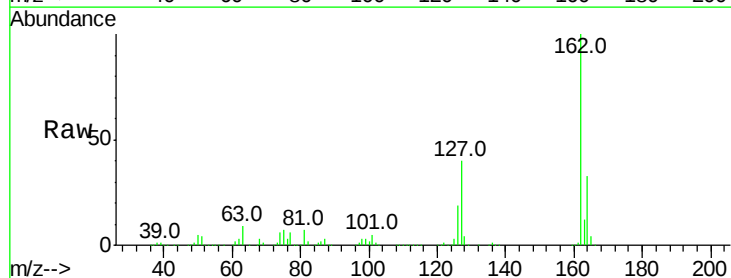
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.576 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:162 Resp: 765487

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.4	26.5	39.7





#47

2-Nitroaniline

Concen: 40.681 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

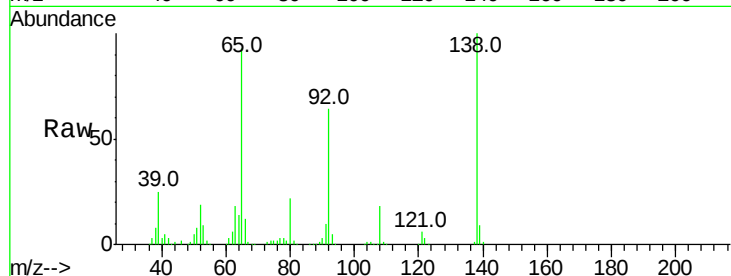
Tot Ion: 65 Resp: 240938

Ion Ratio Lower Upper

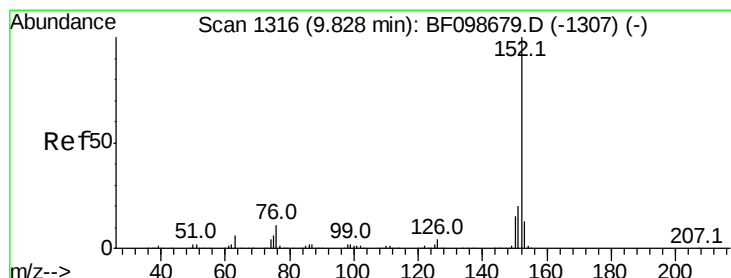
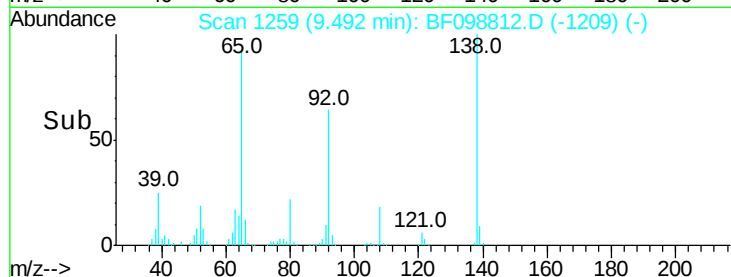
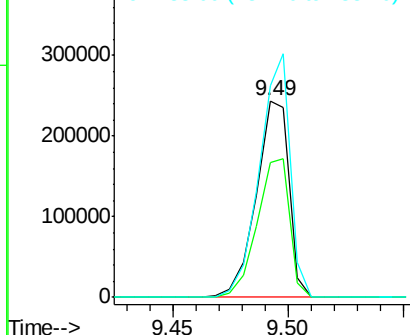
65 100

92 68.8 55.8 83.6

138 107.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 39.172 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

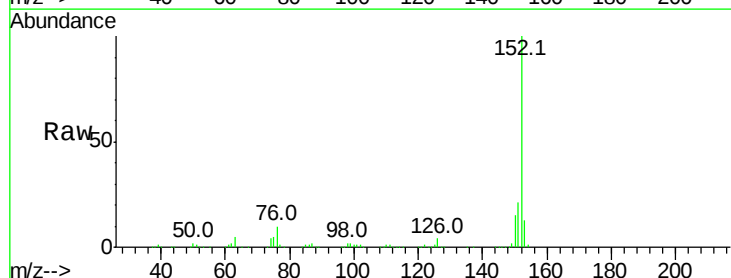
Tgt Ion: 152 Resp: 1159878

Ion Ratio Lower Upper

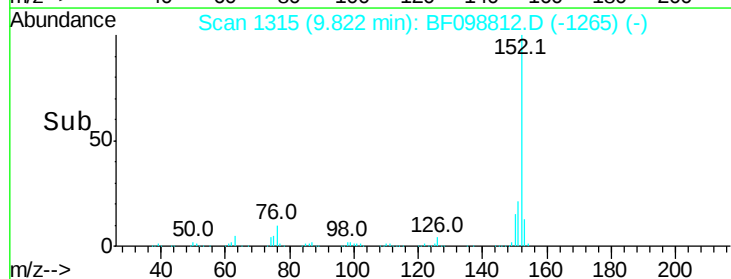
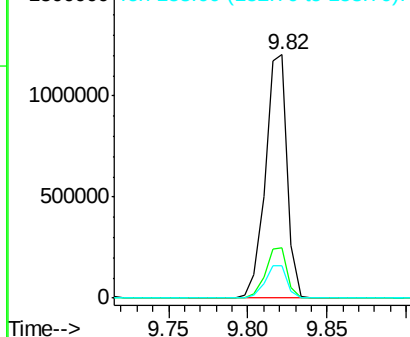
152 100

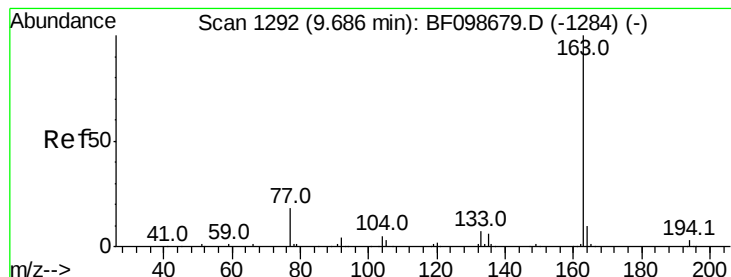
151 20.7 16.3 24.5

153 13.3 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: 41.157 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampled :

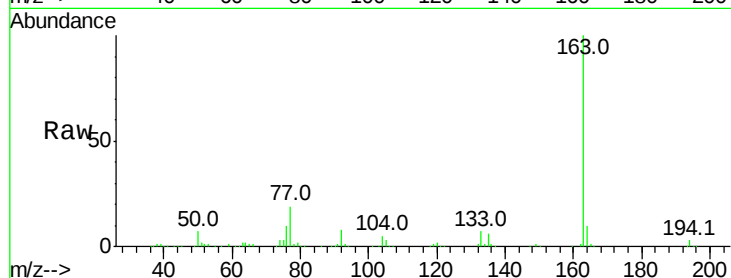
Tot Ion:163 Resp: 931092

Ion Ratio Lower Upper

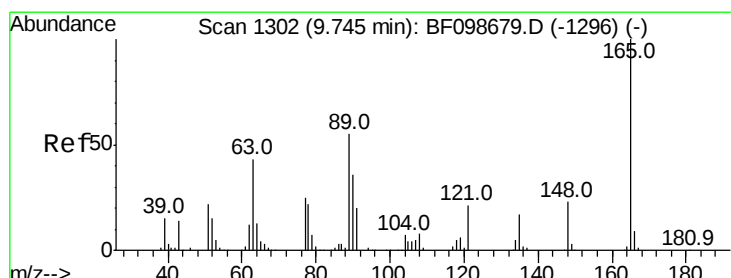
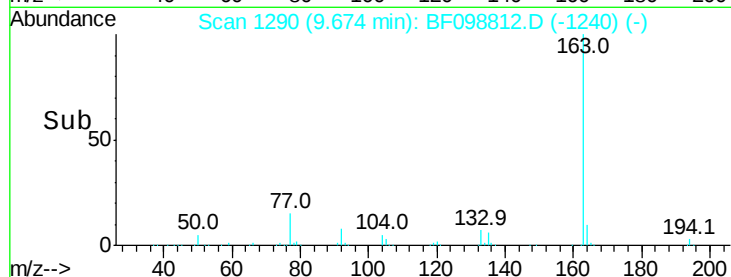
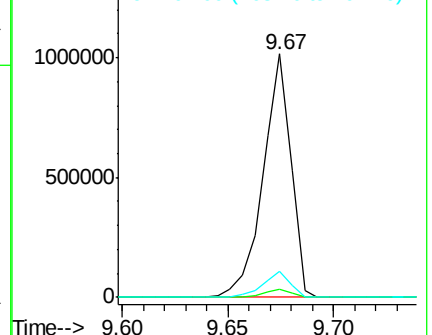
163 100

194 3.4 2.7 4.1

164 10.4 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: 40.773 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

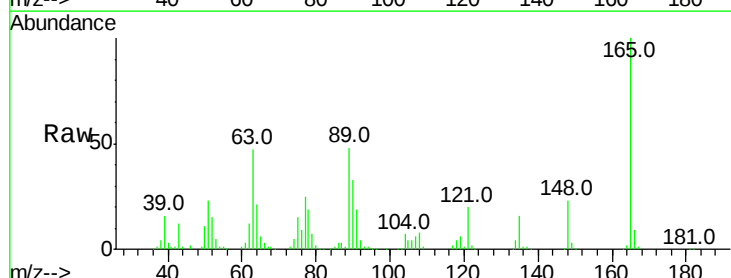
Tgt Ion:165 Resp: 200817

Ion Ratio Lower Upper

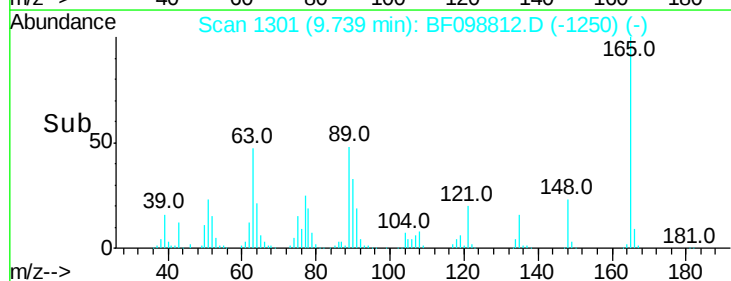
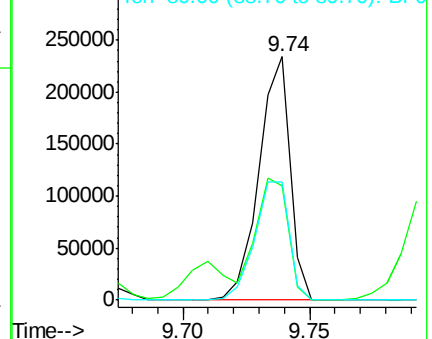
165 100

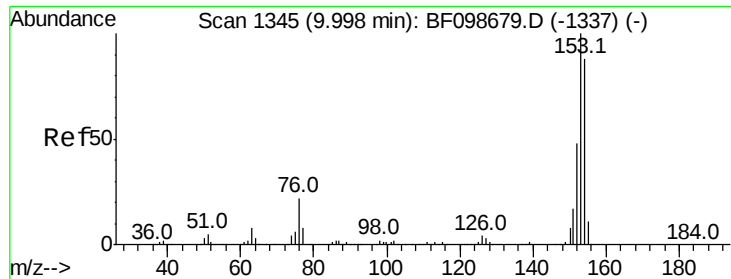
63 47.2 44.7 67.1

89 48.4 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: 36.802 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

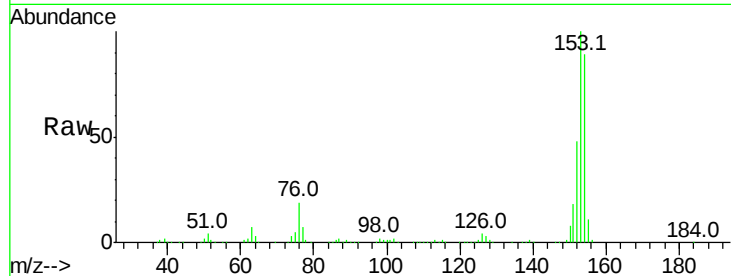
Tot Ion:154 Resp: 690260

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

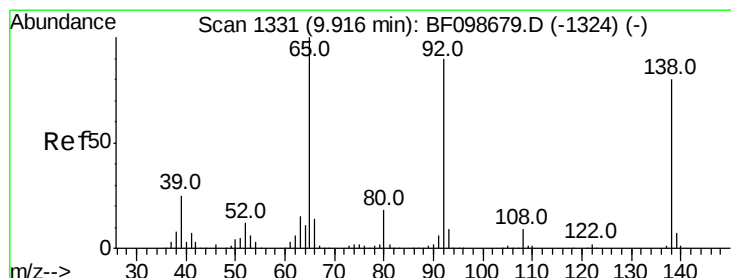
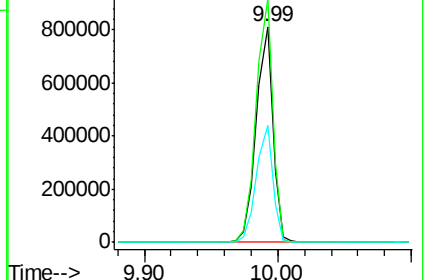
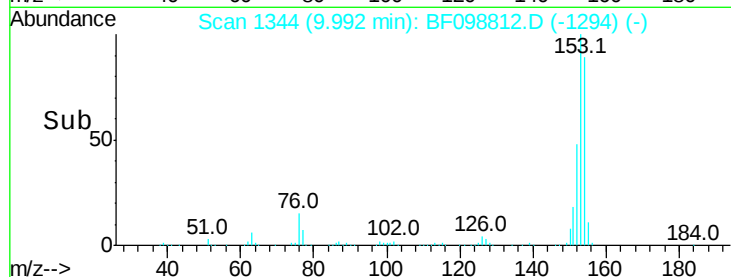
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.973 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

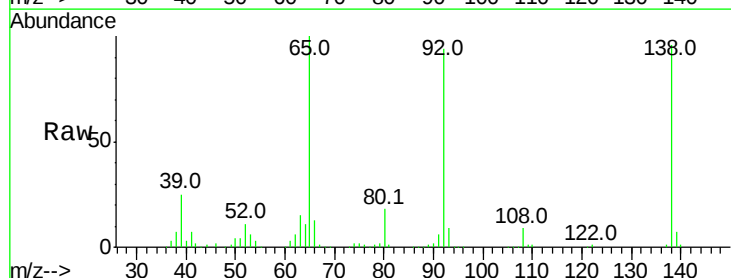
Tgt Ion:138 Resp: 241041

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

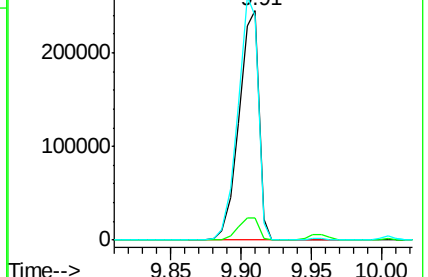
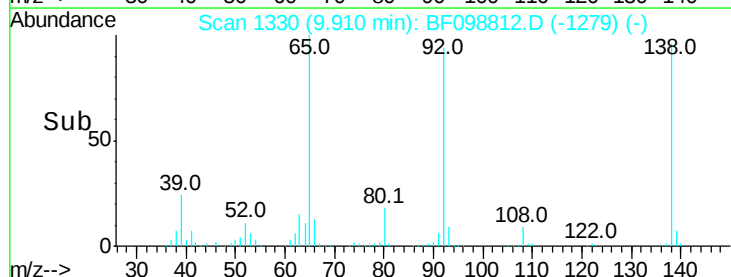
92 97.7 89.4 134.2

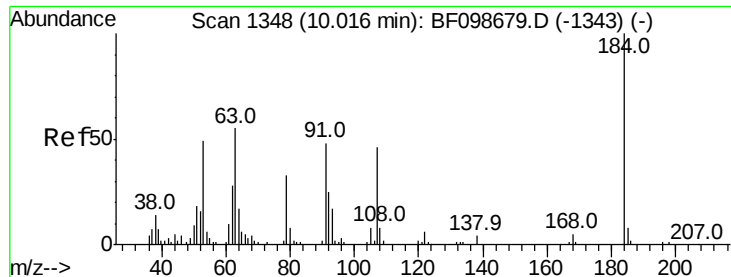


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

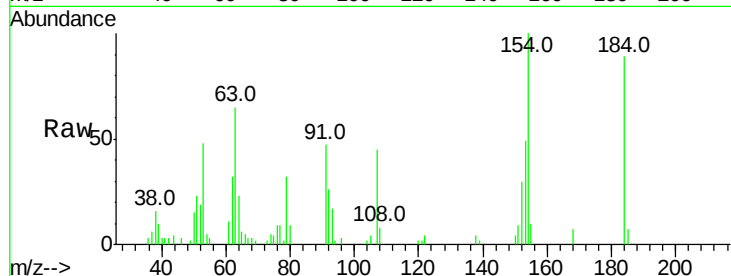




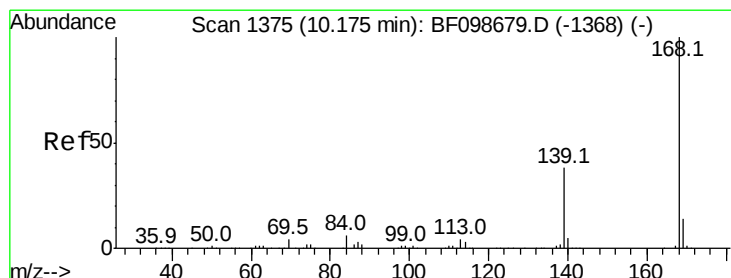
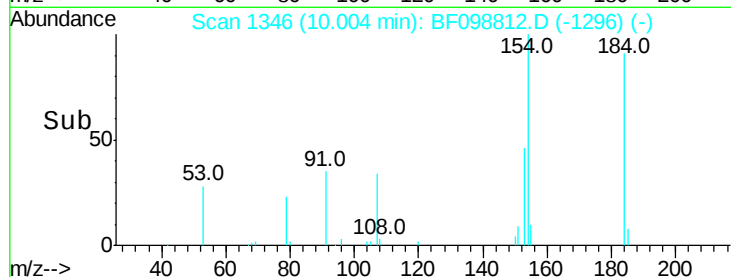
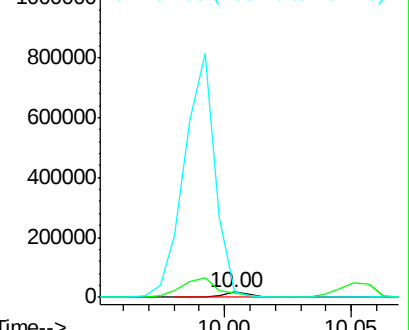
#53
2,4-Dinitrophenol
Concen: 10.699 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 13471
Ion Ratio Lower Upper
184 100
63 73.3 54.2 81.2
154 112.2 53.5 80.3#

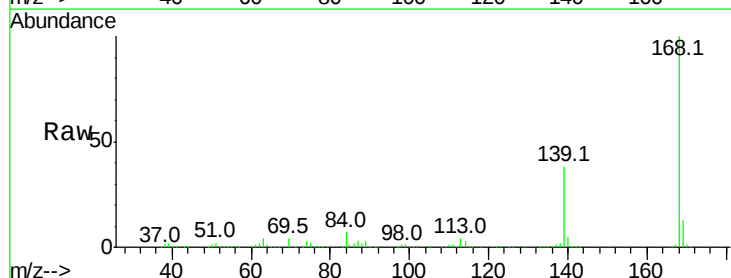


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

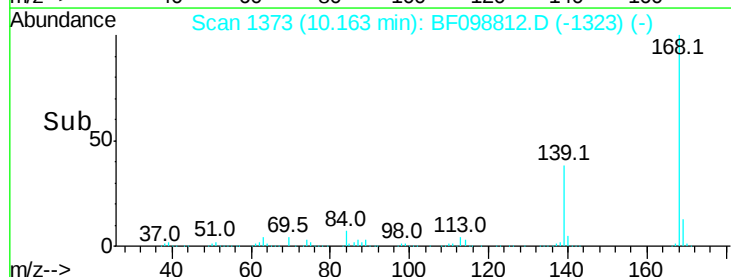
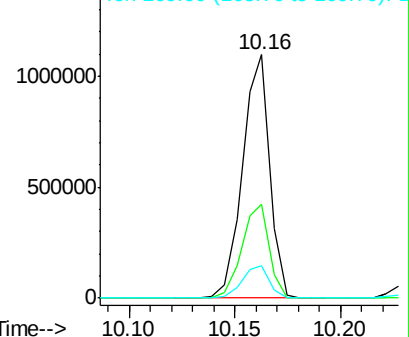


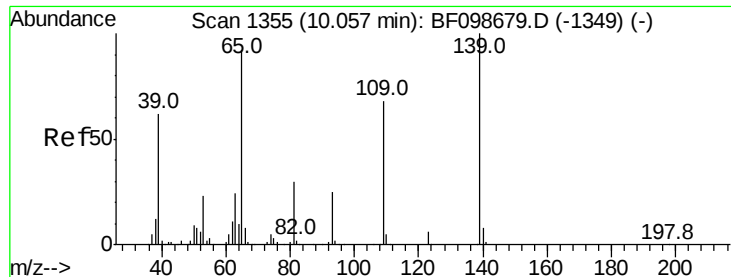
#54
Dibenzofuran
Concen: 39.242 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:168 Resp: 979994
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.5 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

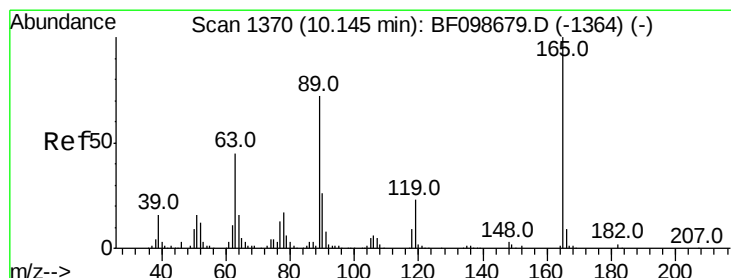
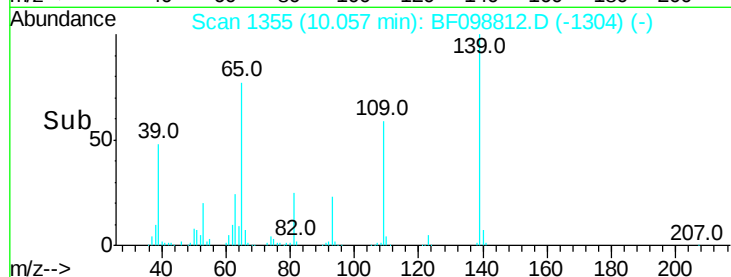
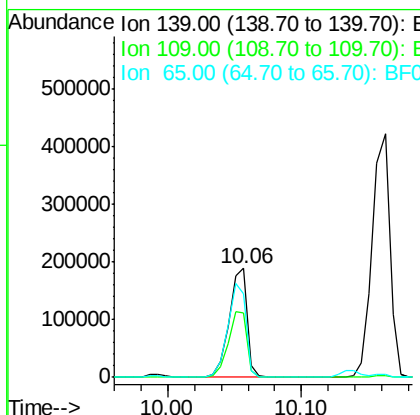
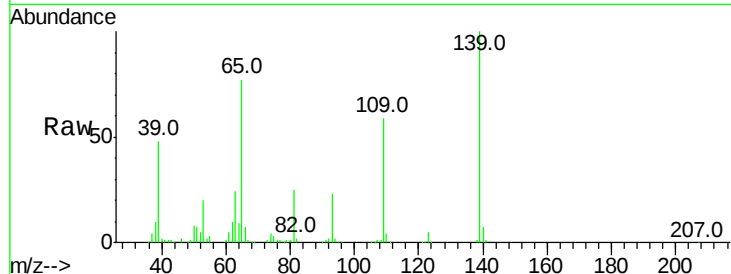




#55
4-Nitrophenol
Concen: 37.140 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

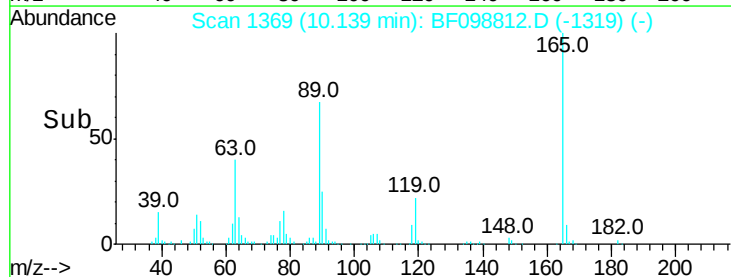
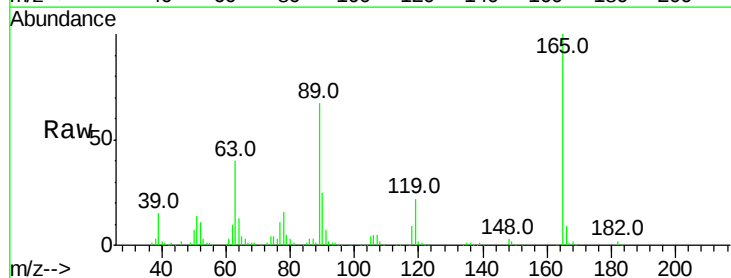
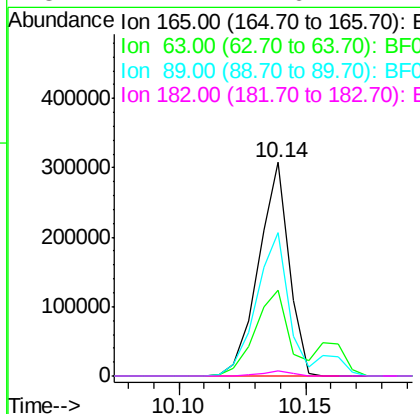
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.1	48.4	88.4
65	76.7	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.267 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	66.9	57.8	86.6
182	2.2	1.6	2.4

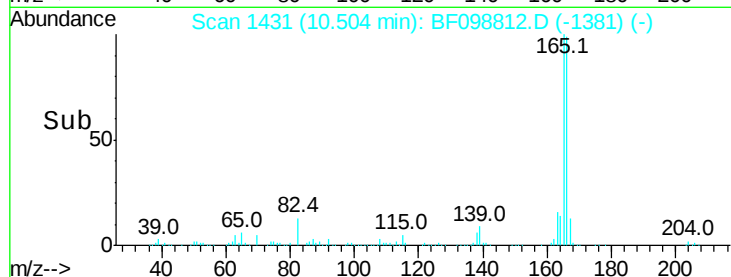
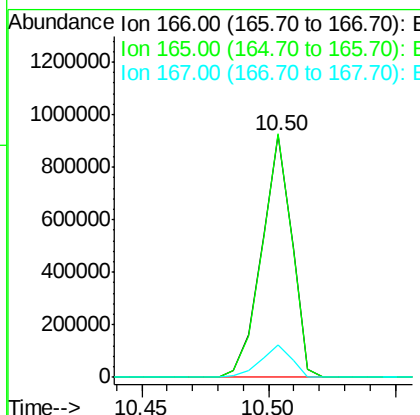
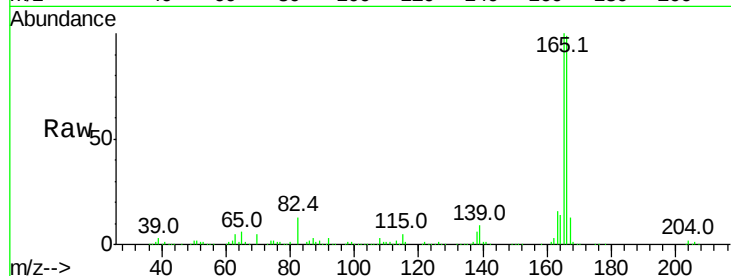




#57
 Fluorene
 Concen: 38.328 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

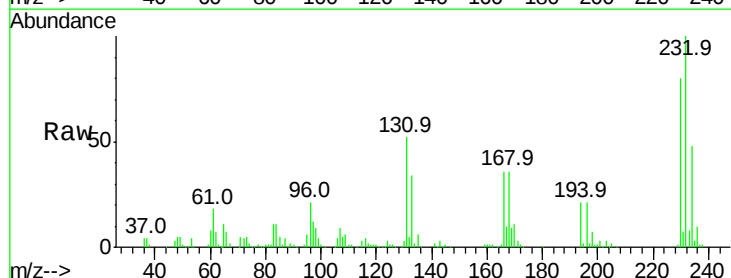
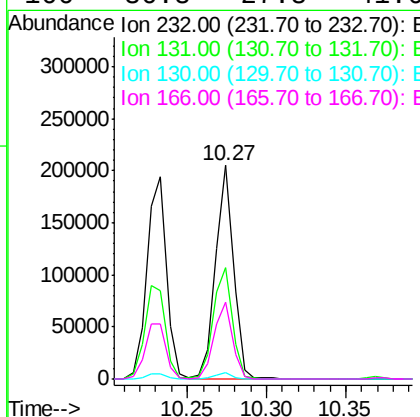
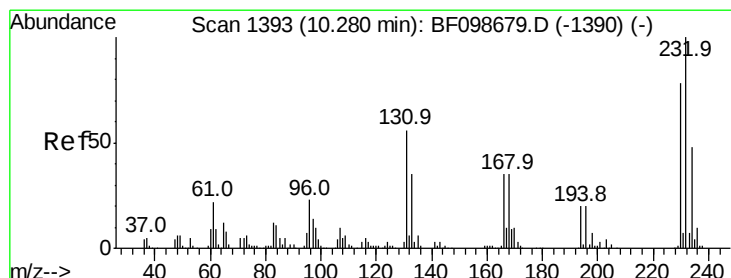
Instrument :
 BNA_F
 ClientSampleId :

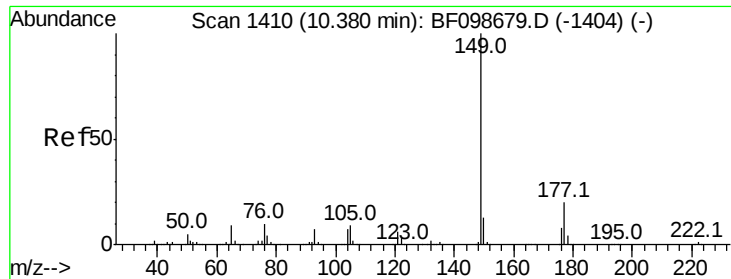
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.158 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.5	43.8	65.8
130	2.7	2.1	3.1
166	36.8	27.8	41.6

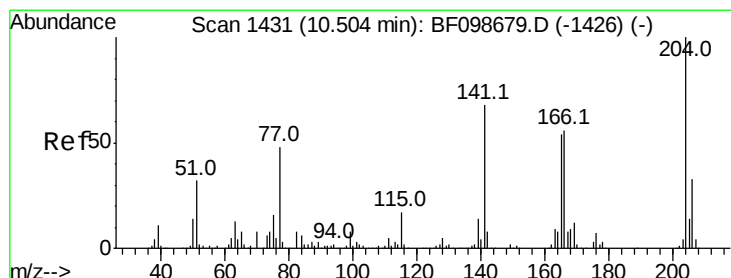
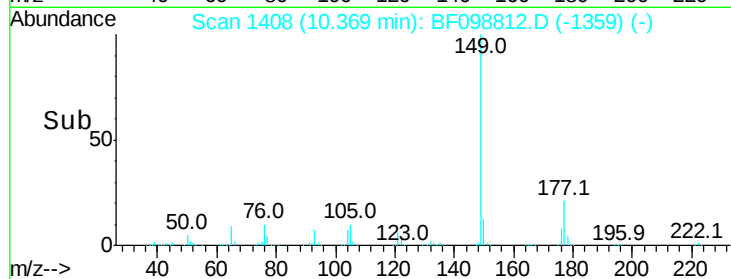
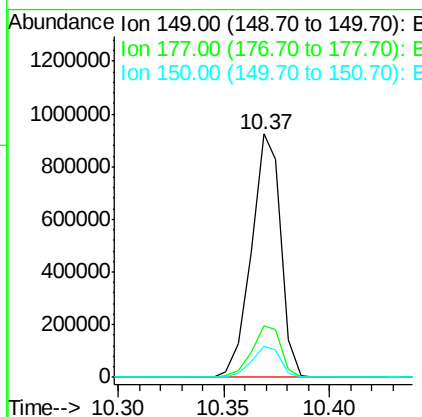
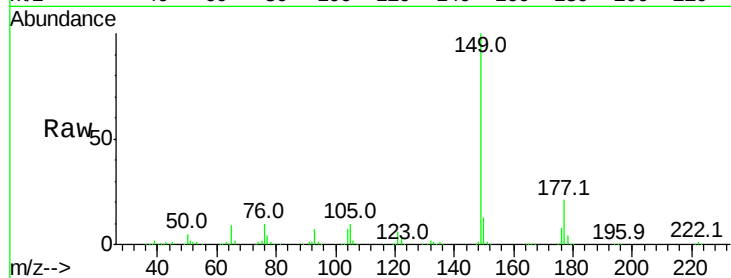




#59
Diethylphthalate
Concen: 40.395 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

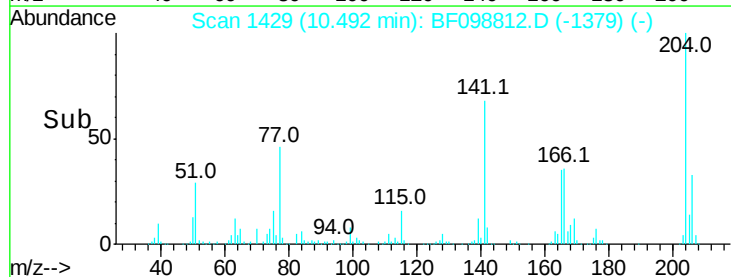
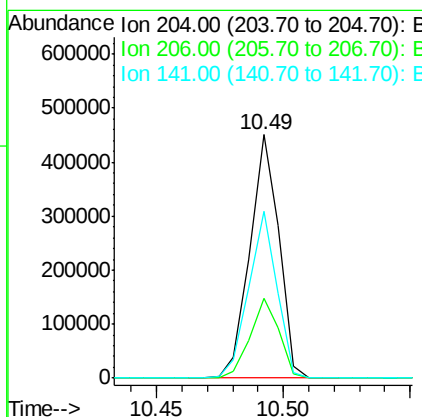
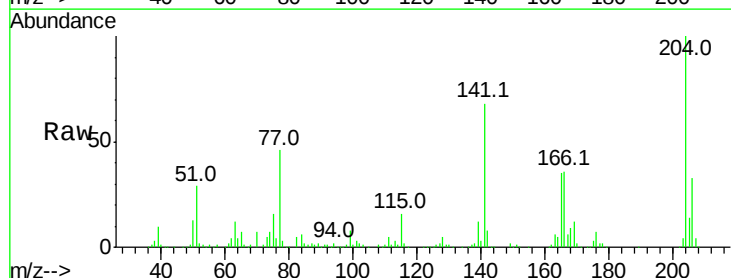
Instrument :
BNA_F
ClientSampleId :

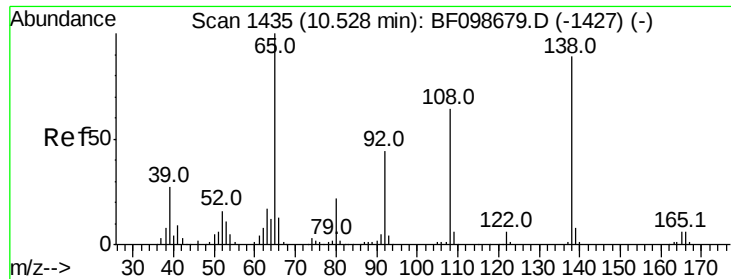
Tot Ion:149 Resp: 892976
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.776 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:204 Resp: 358637
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 68.4 54.6 81.8

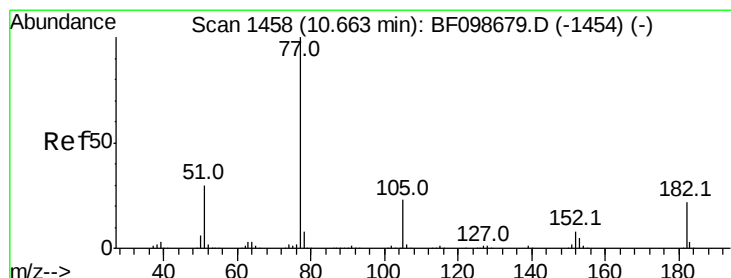
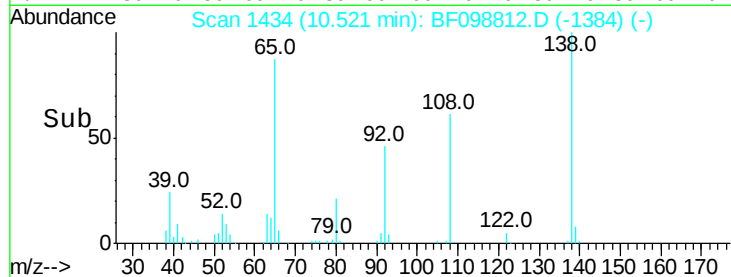
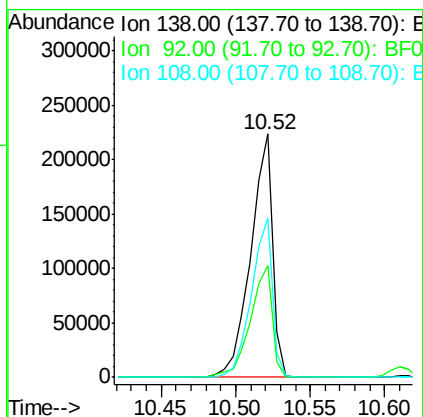
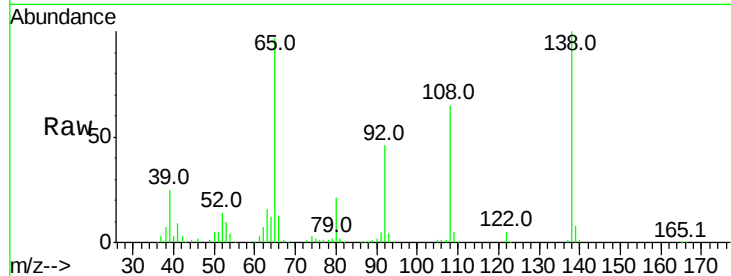




#61
4-Nitroaniline
Concen: 40.679 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

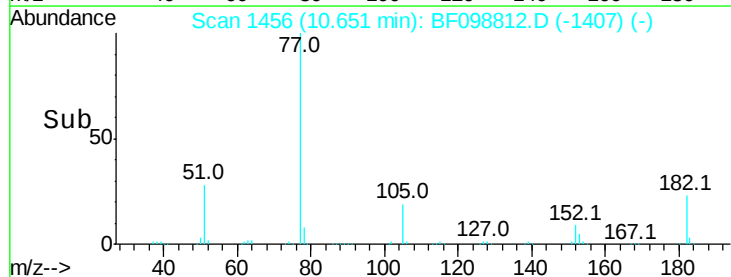
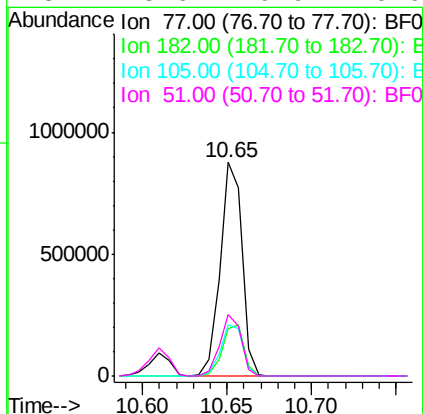
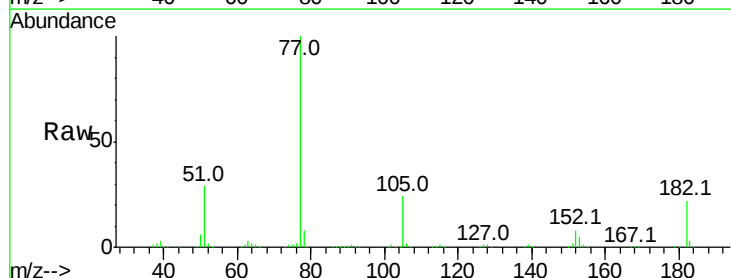
Instrument :
BNA_F
ClientSampled :

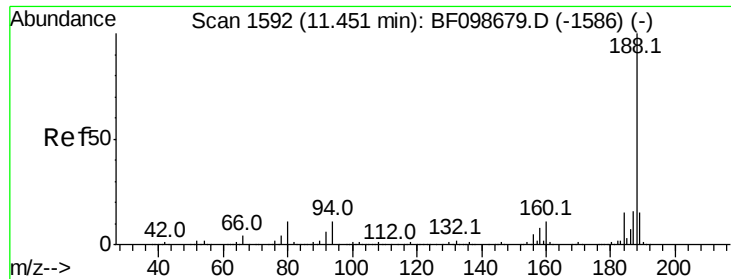
Tot Ion:138 Resp: 225381
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 65.2 52.5 92.5



#62
Azobenzene
Concen: 38.801 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion: 77 Resp: 788656
Ion Ratio Lower Upper
77 100
182 22.0 1.7 41.7
105 24.1 3.0 43.0
51 28.6 9.9 49.9

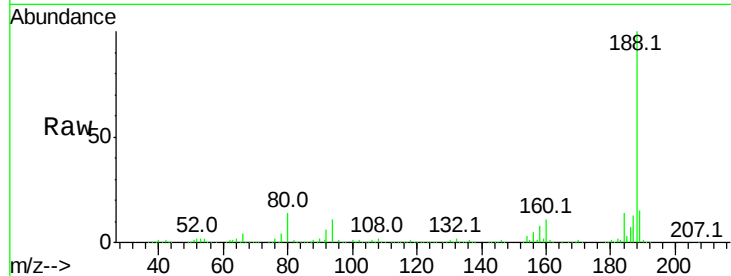




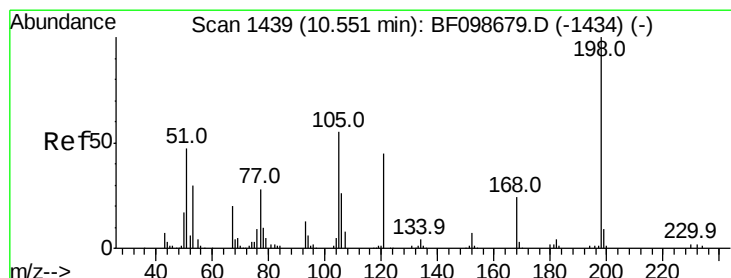
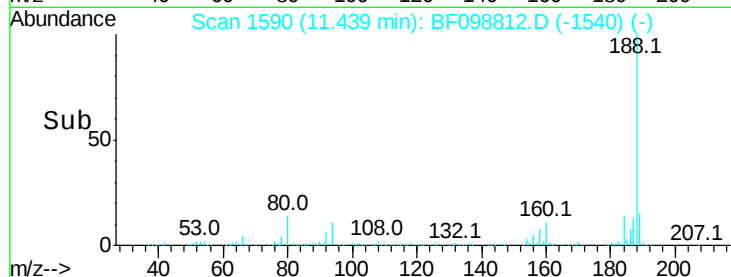
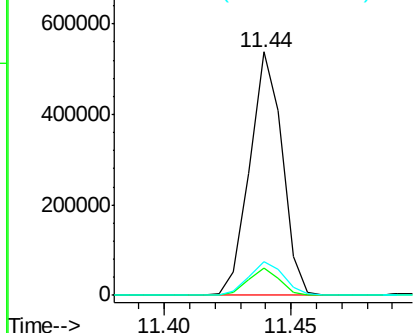
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 481363
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 13.8 9.2 13.8#

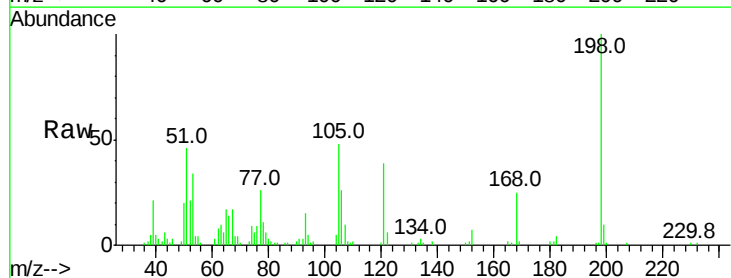


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

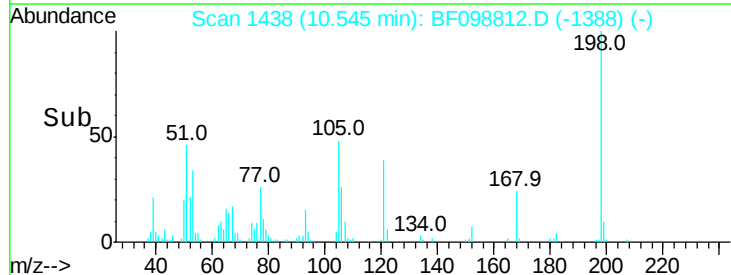
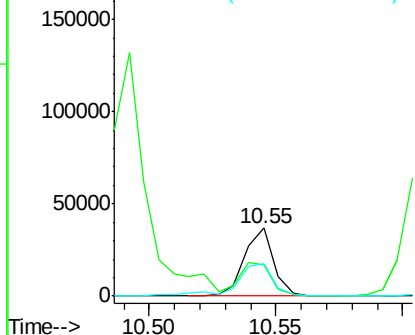


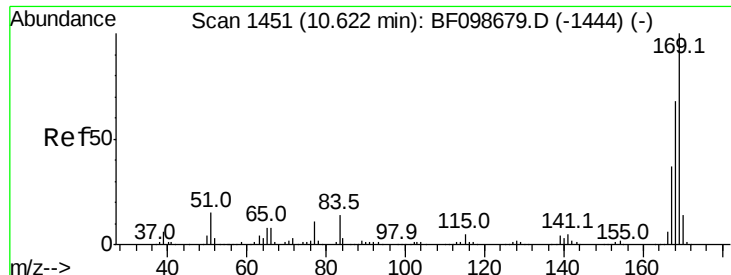
#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.118 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:198 Resp: 29633
 Ion Ratio Lower Upper
 198 100
 51 46.2 37.7 77.7
 105 47.8 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

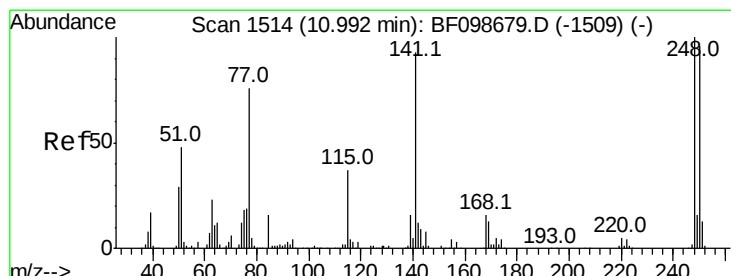
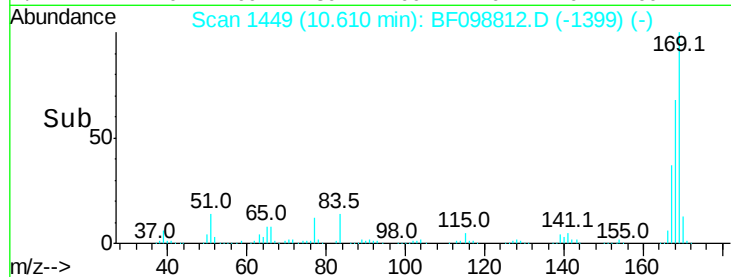
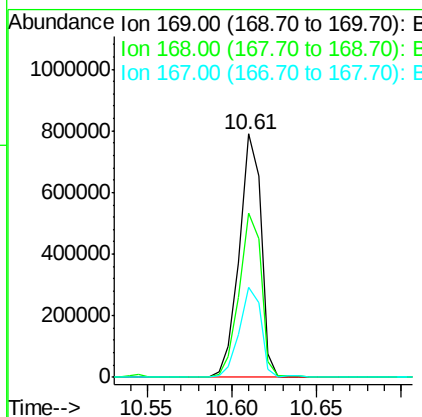
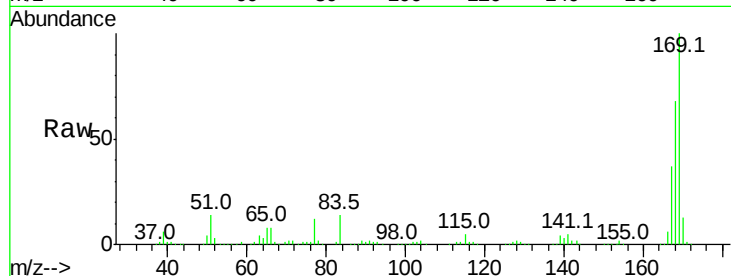




#65
 n-Nitrosodiphenylamine
 Concen: 42.662 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

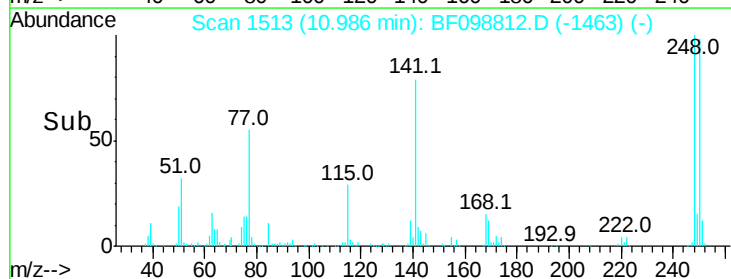
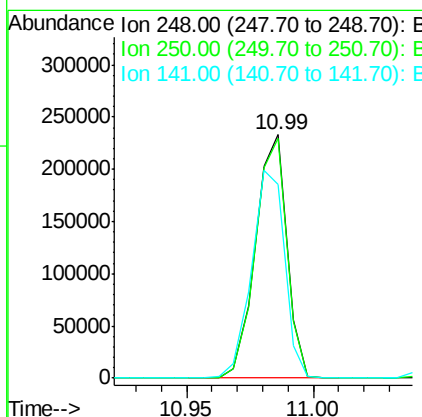
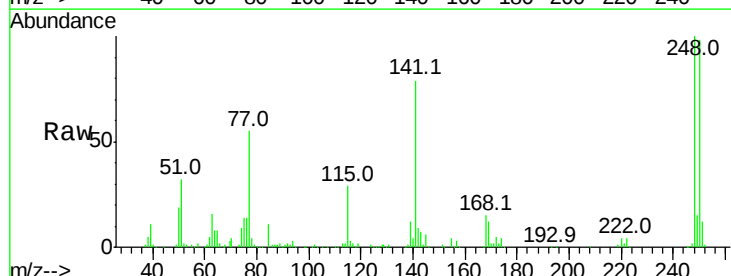
Instrument :
 BNA_F
 ClientSampleId :

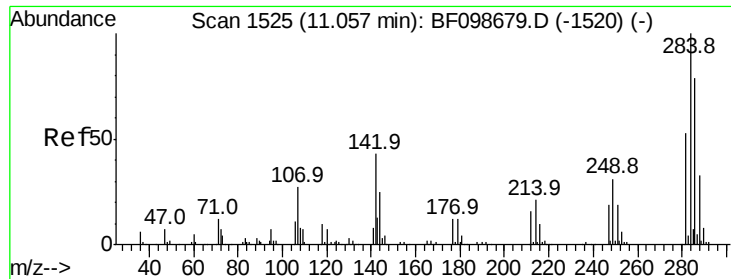
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.818 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	79.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 41.286 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

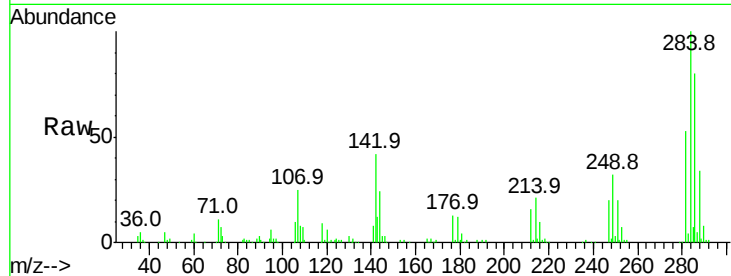
Tot Ion:284 Resp: 207764

Ion Ratio Lower Upper

284 100

142 41.7 34.6 52.0

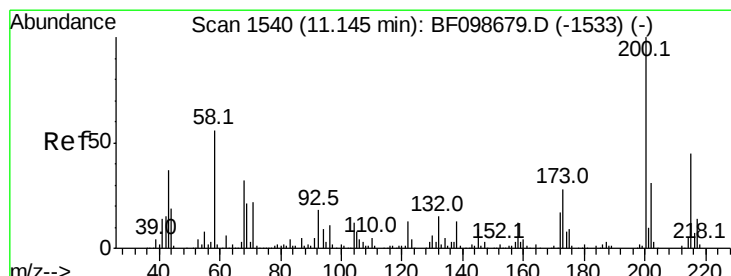
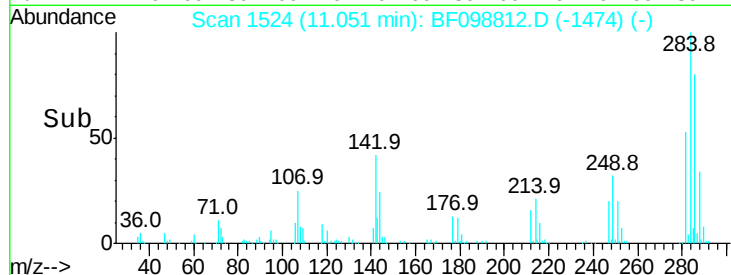
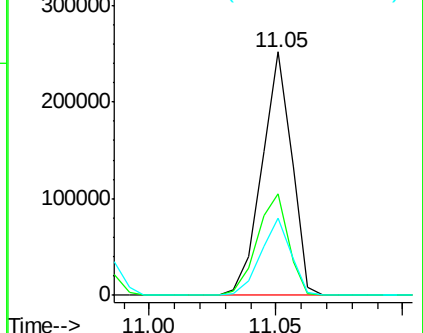
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.238 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

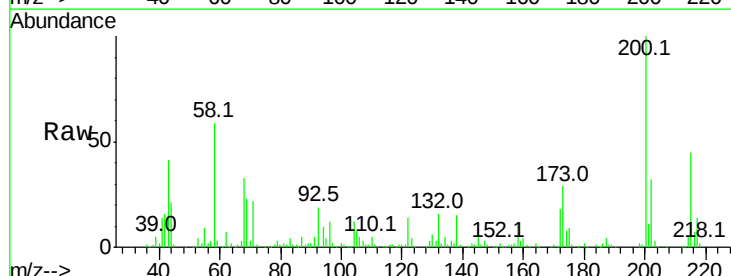
Tgt Ion:200 Resp: 206901

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

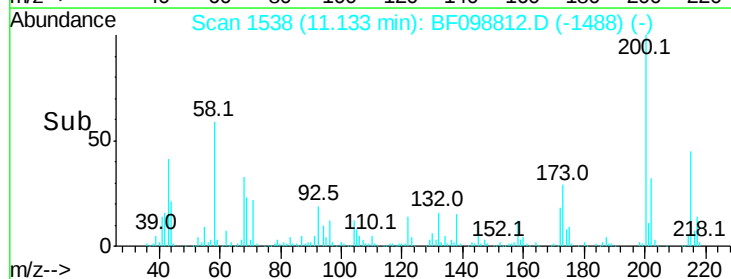
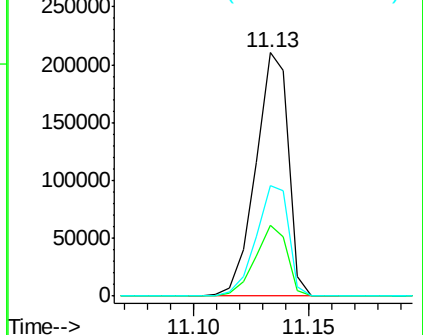
215 45.2 25.1 65.1

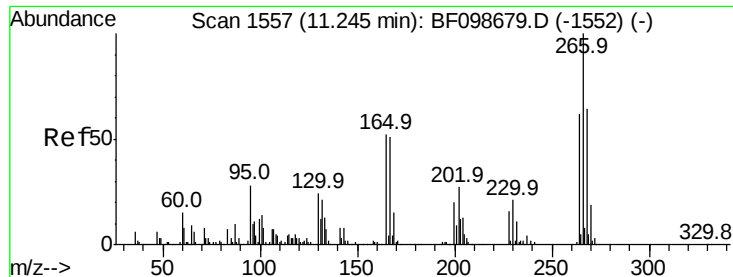


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

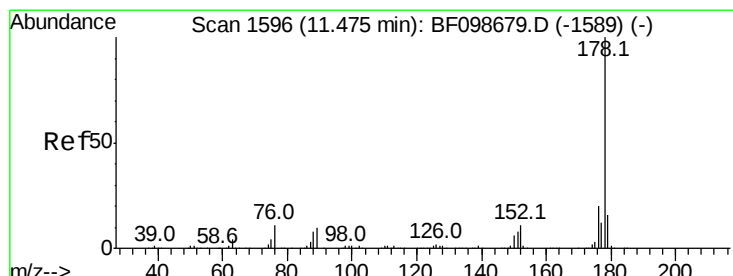
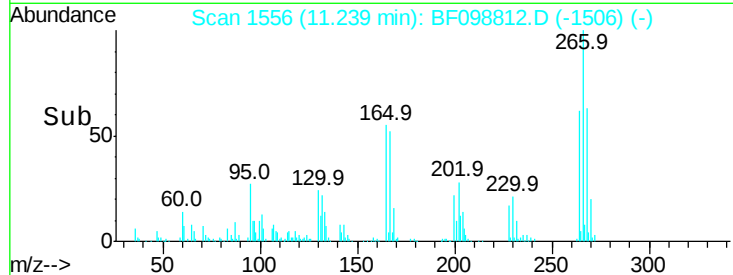
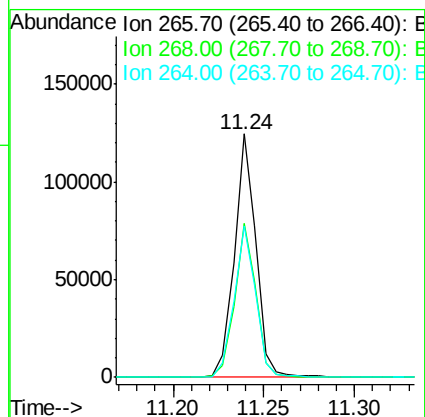
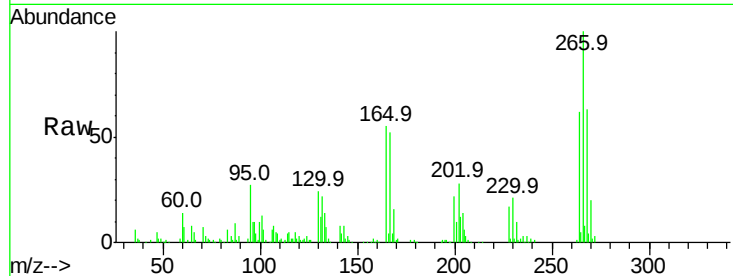




#69
 Pentachlorophenol
 Concen: 32.938 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

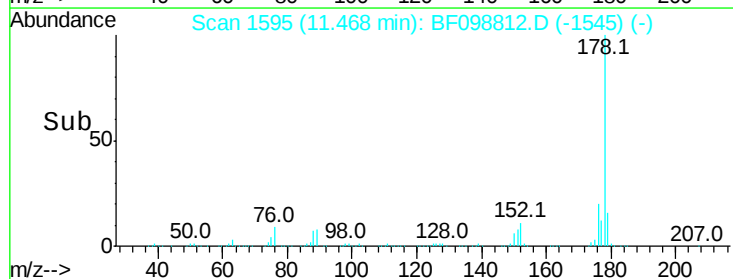
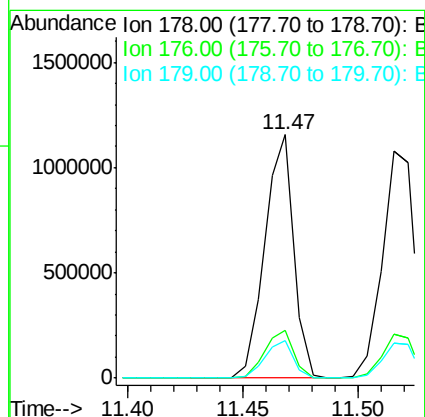
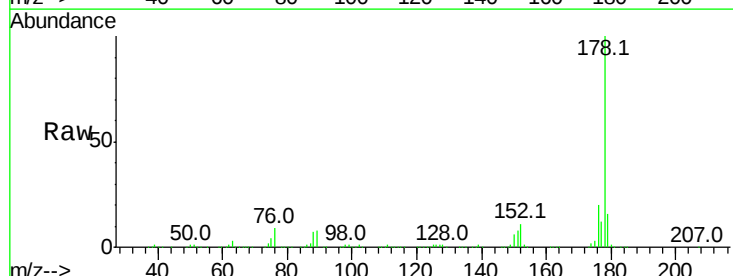
Instrument :
 BNA_F
 ClientSampleId :

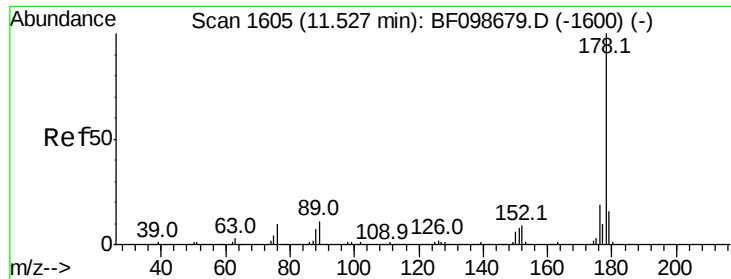
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.2	49.5	74.3



#70
 Phenanthrene
 Concen: 39.063 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



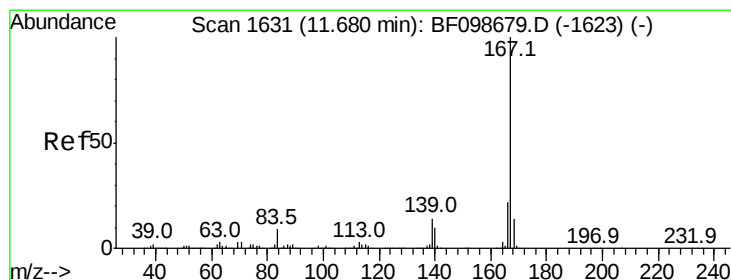
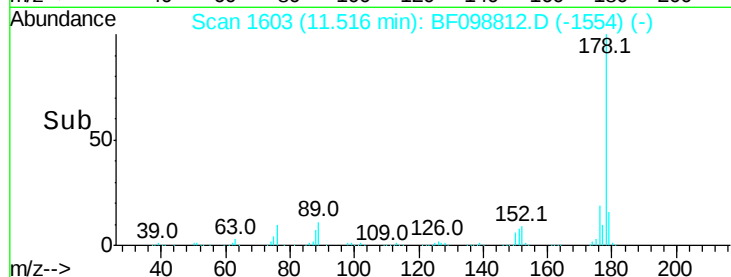
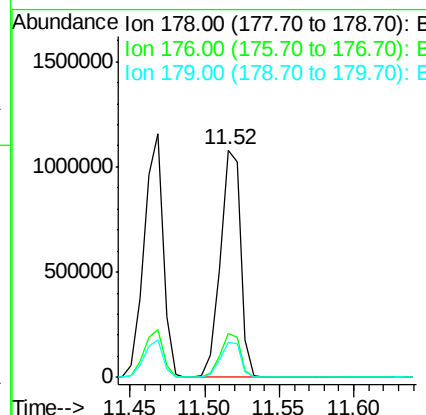
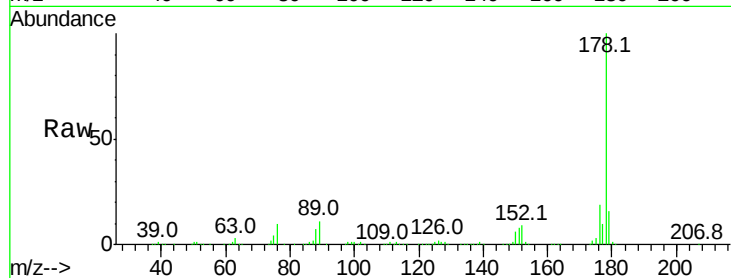


#71
 Anthracene
 Concen: 38.964 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1027231

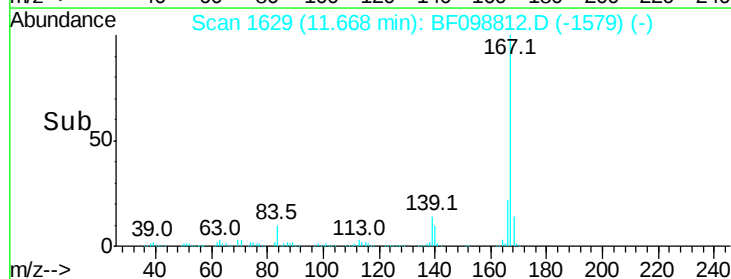
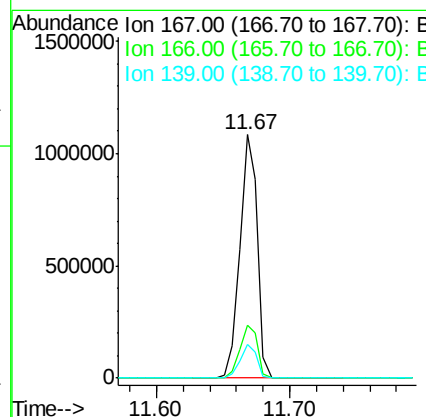
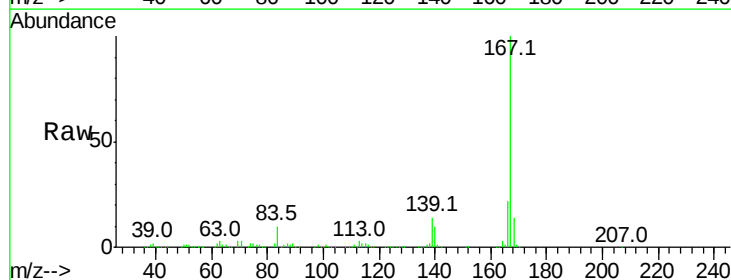
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0

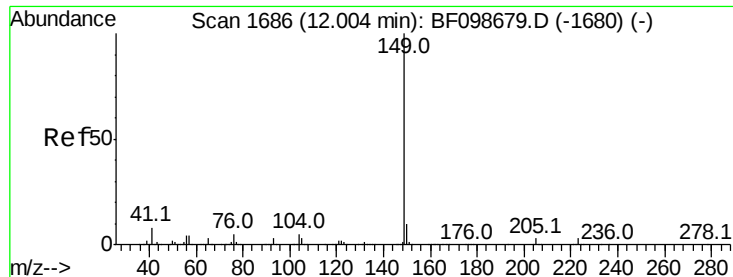


#72
 Carbazole
 Concen: 38.418 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion:167 Resp: 991848

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.920 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

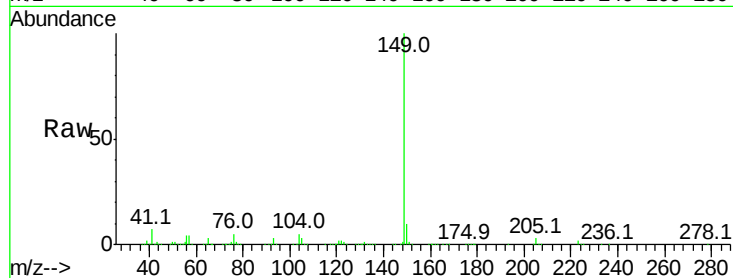
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1333734

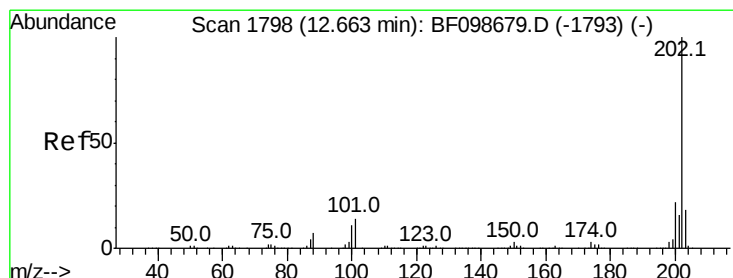
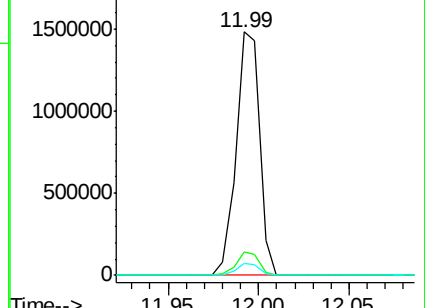
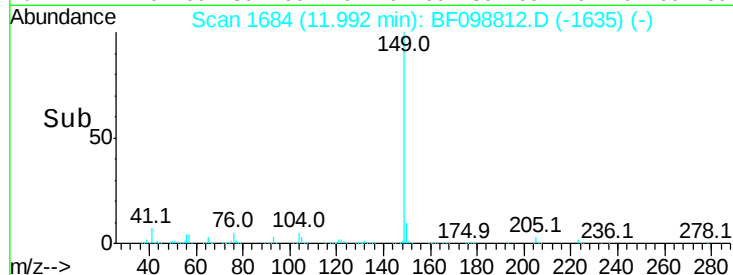
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8



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: 33.379 ng

RT: 12.65 min Scan# 1796

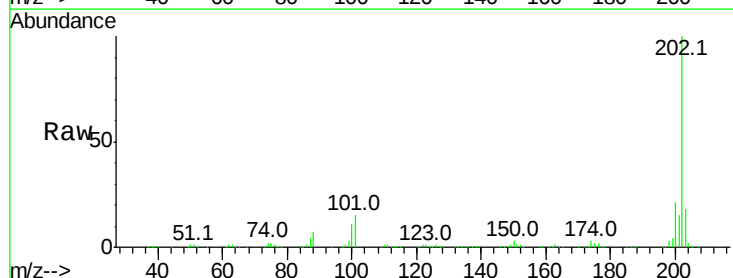
Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Tgt Ion:202 Resp: 870881

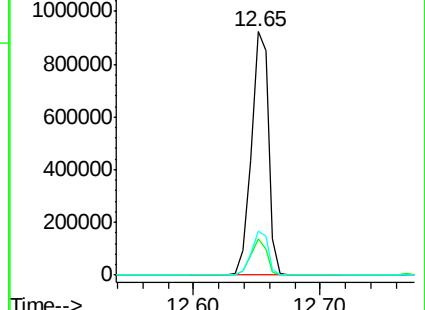
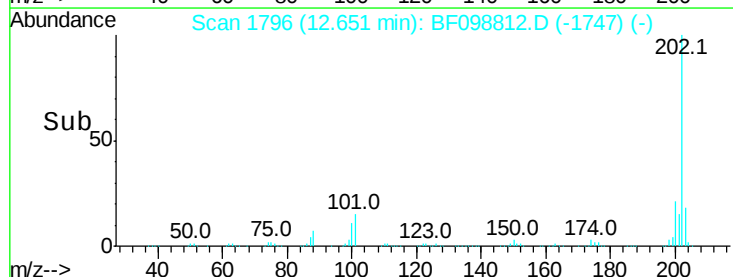
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	18.1	0.0	38.1

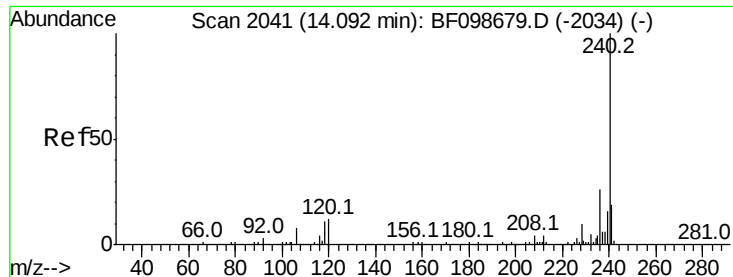


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

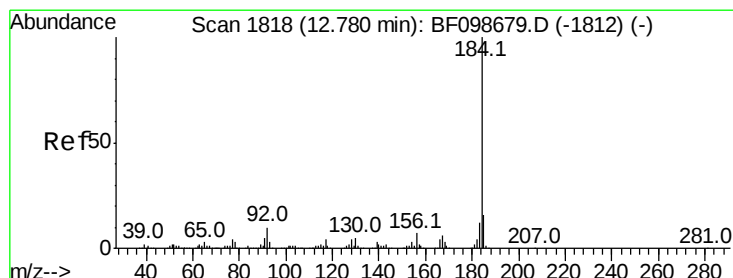
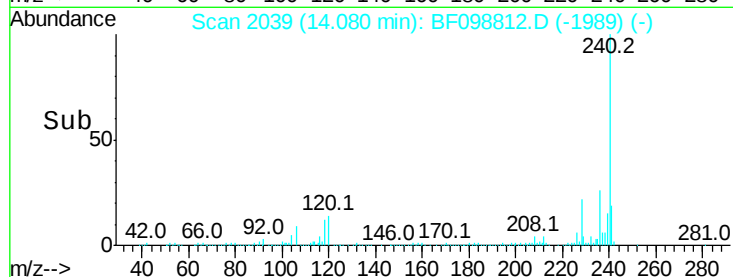
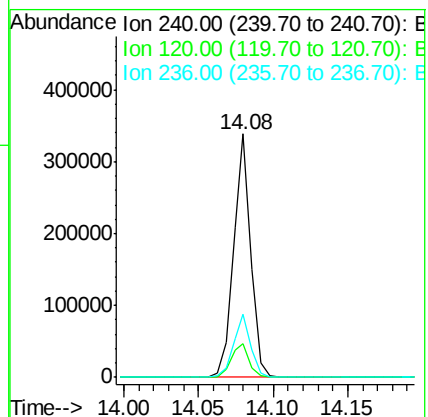
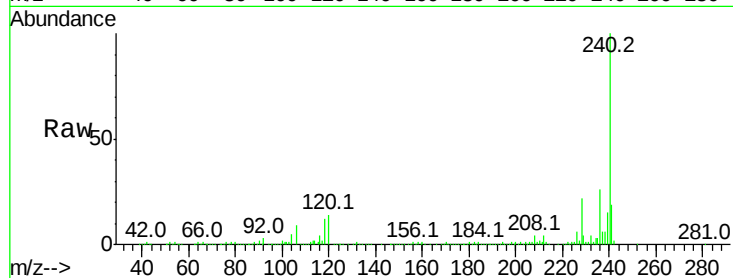
Tot Ion:240 Resp: 275395

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

236 26.0 20.7 31.1



#76

Benzidine

Concen: 42.679 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

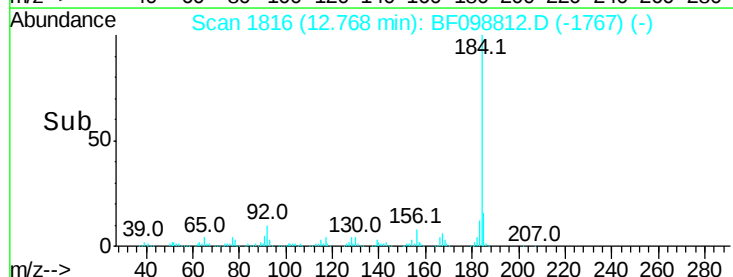
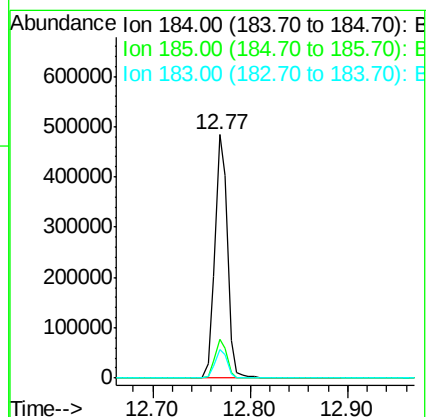
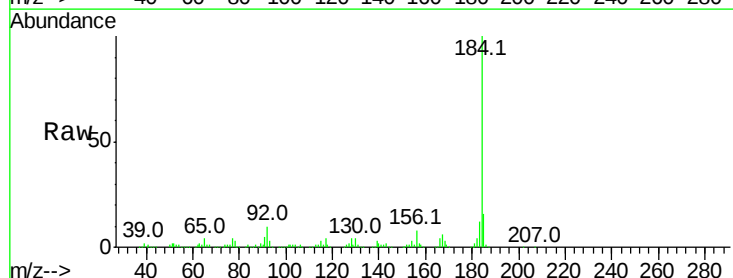
Tgt Ion:184 Resp: 434724

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

183 11.9 9.3 13.9





#77

Pvrene

Concen: 41.441 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

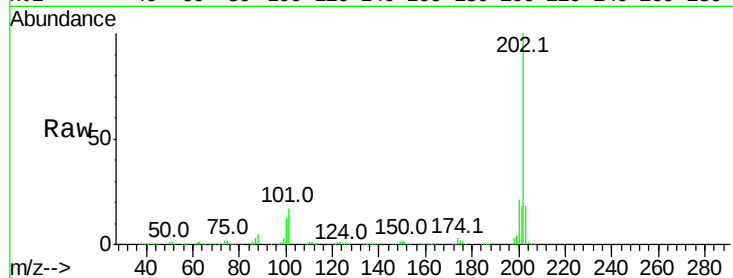
Tot Ion:202 Resp: 870260

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

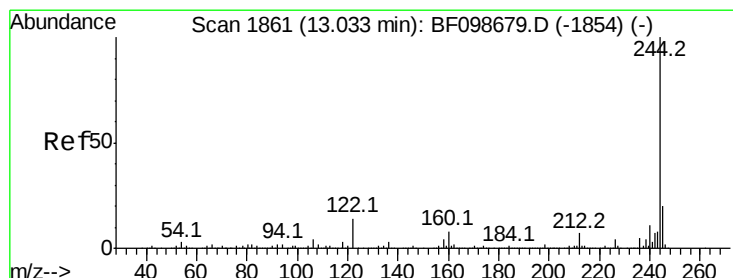
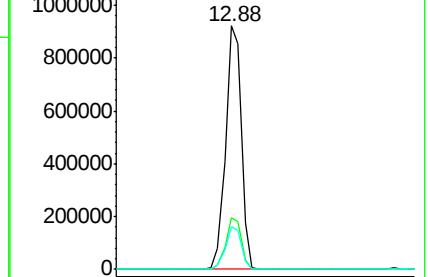
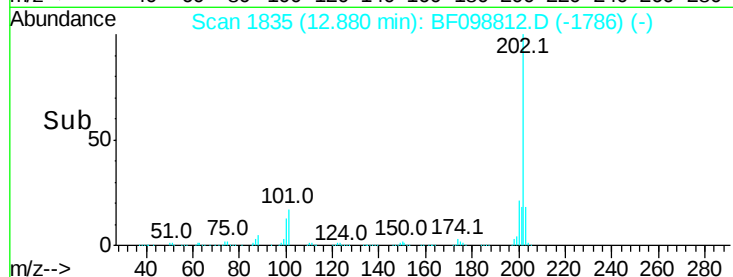
203 17.8 14.3 21.5



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: 89.841 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

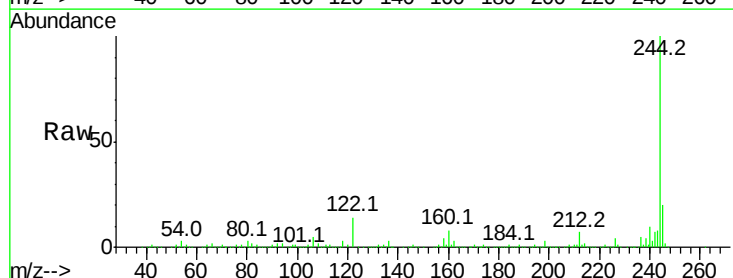
Tgt Ion:244 Resp: 1087928

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

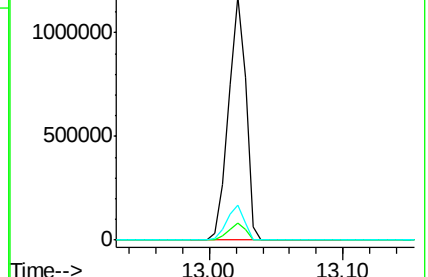
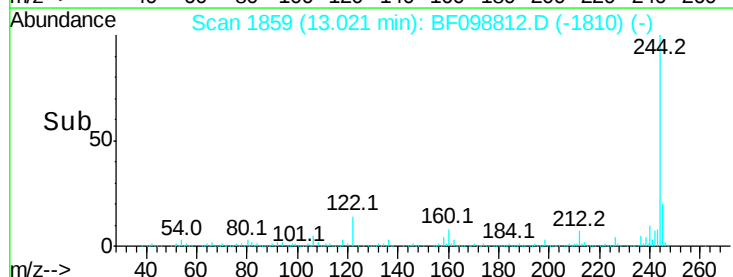
122 14.4 11.0 16.4

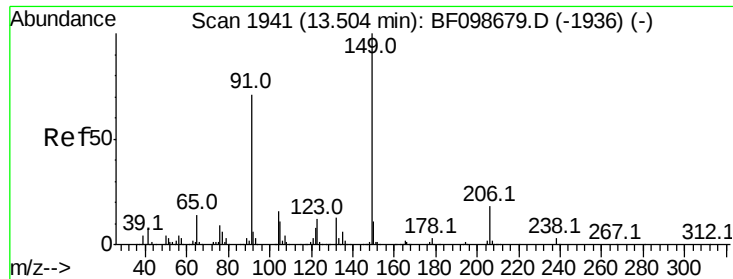


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

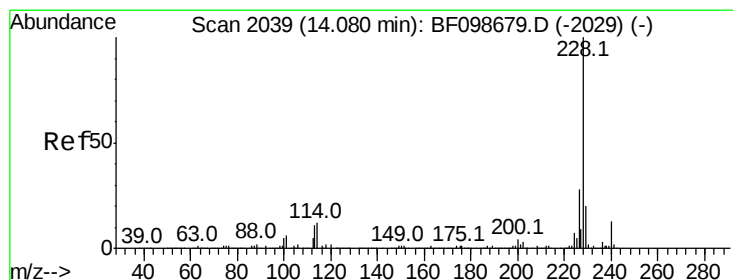
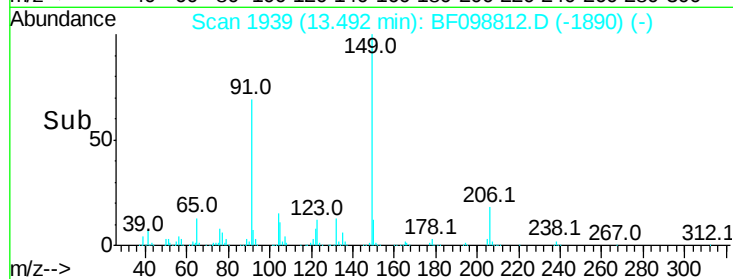
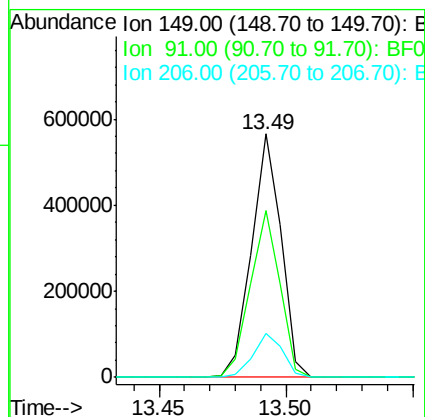
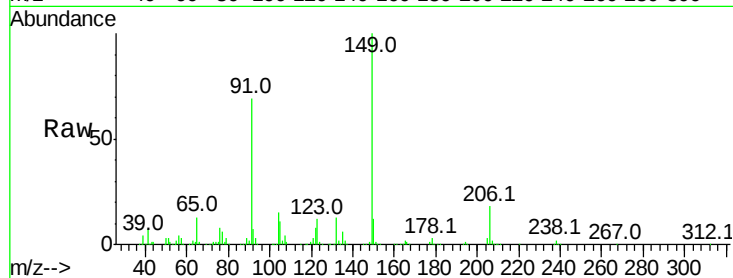




#79
Butylbenzylphthalate
Concen: 46.436 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

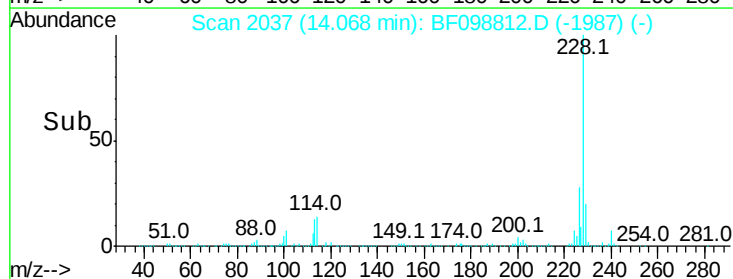
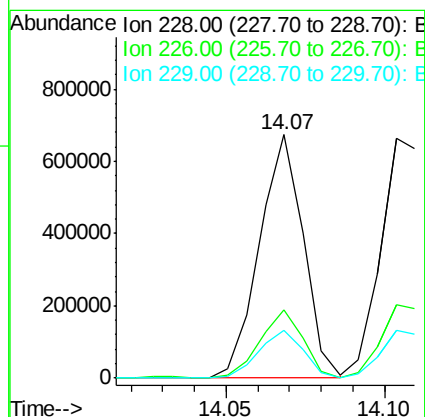
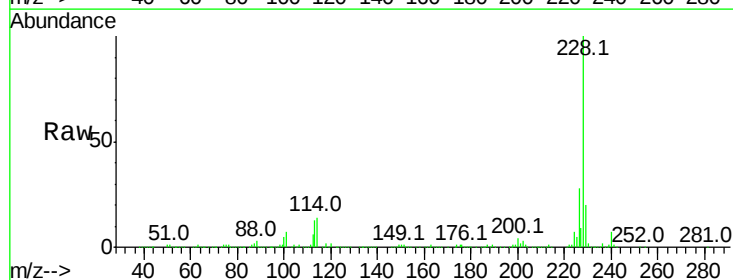
Instrument :
BNA_F
ClientSampleId :

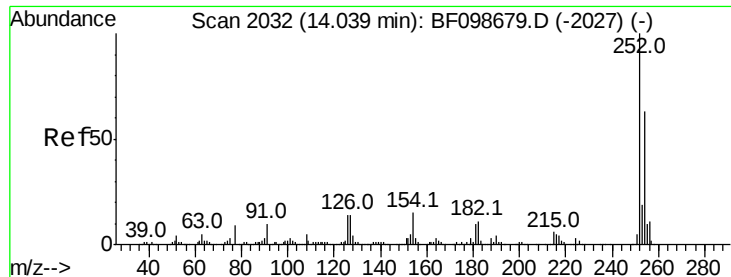
Tot Ion:149 Resp: 458302
Ion Ratio Lower Upper
149 100
91 68.6 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.970 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:228 Resp: 649852
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.5 15.8 23.6

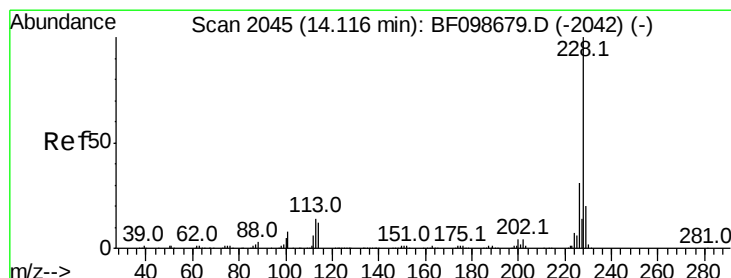
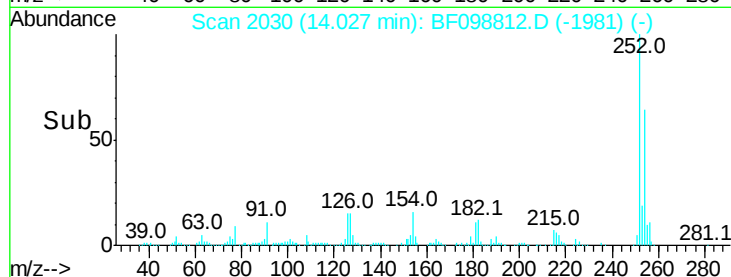
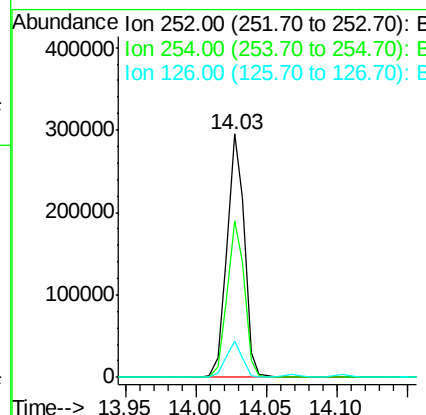
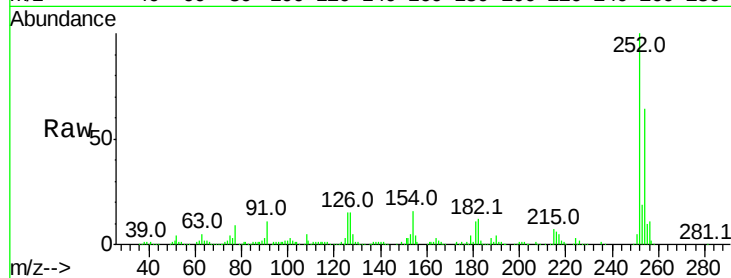




#81
 3,3'-Dichlorobenzidine
 Concen: 41.218 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

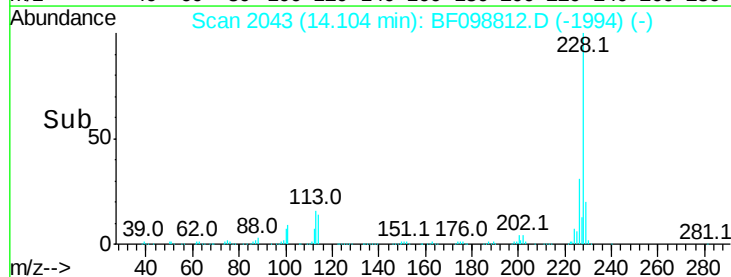
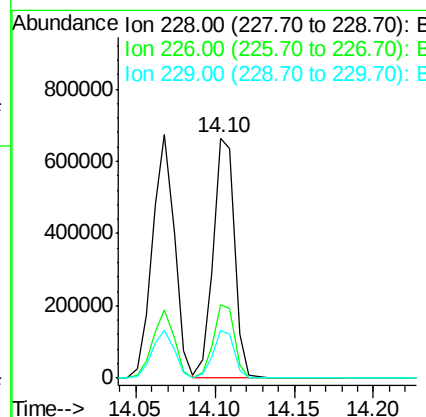
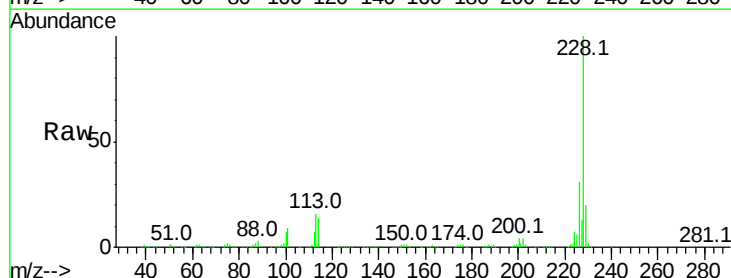
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	15.1	11.3	16.9



#82
 Chrysene
 Concen: 39.519 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4

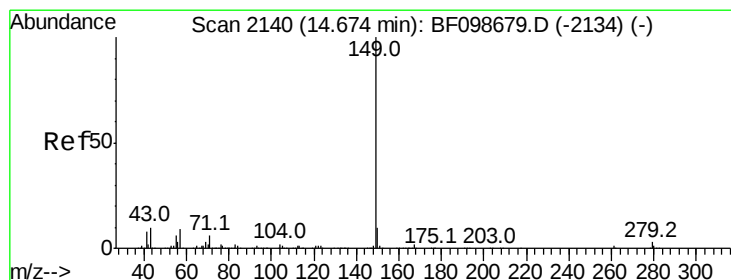
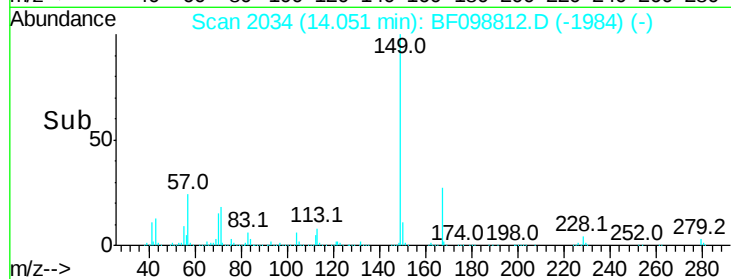
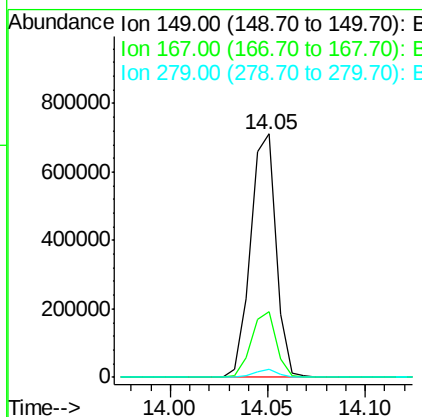
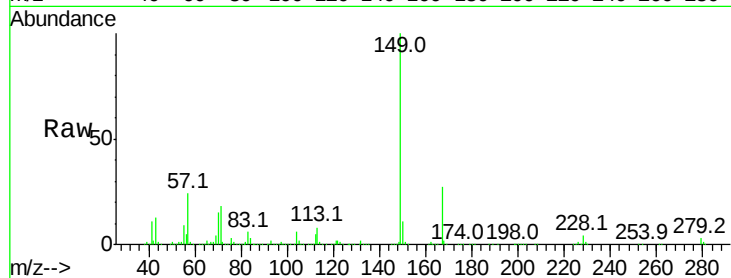




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.571 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

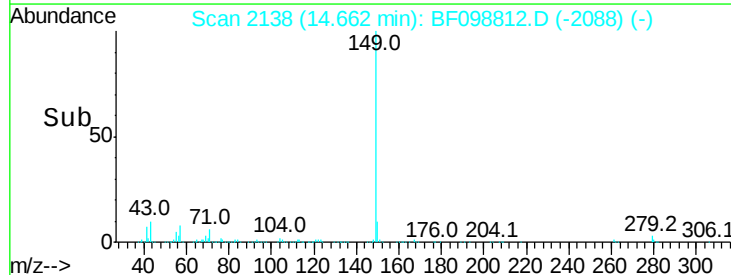
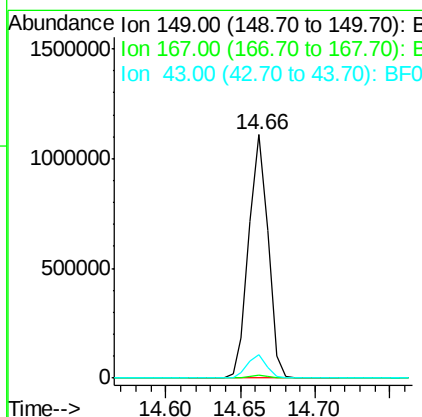
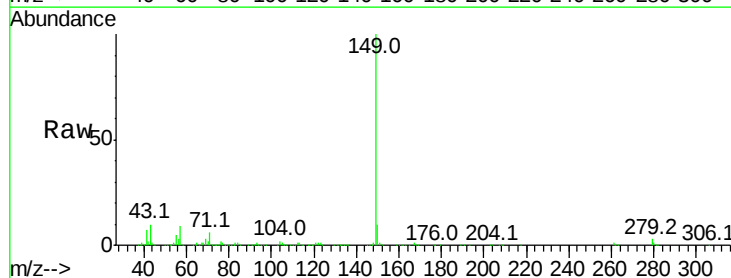
Instrument :
 BNA_F
 ClientSampleId :

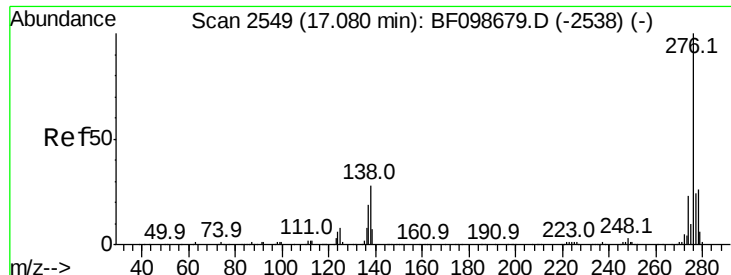
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.237 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6

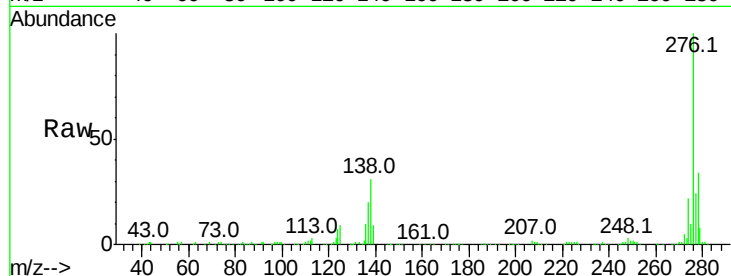




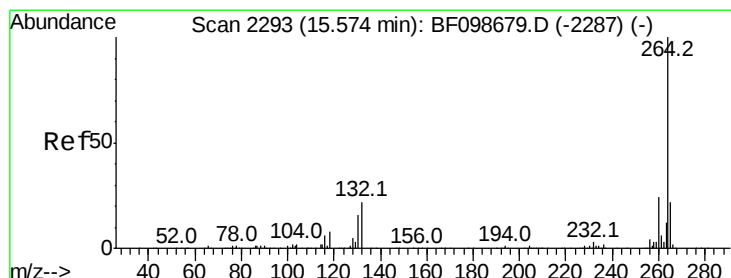
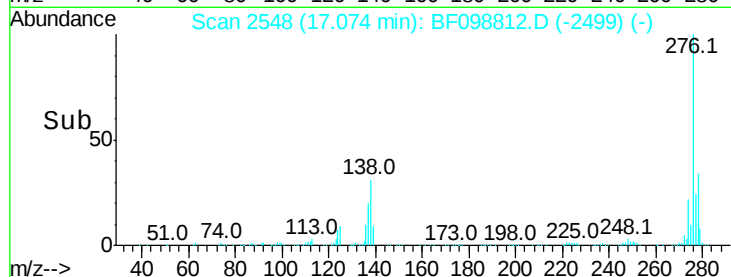
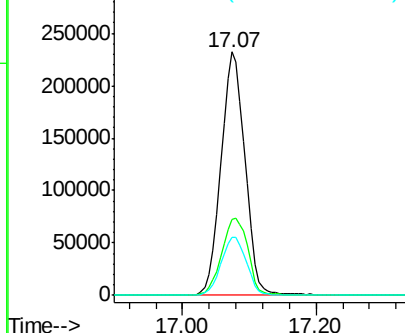
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.659 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	25.1	20.1	30.1

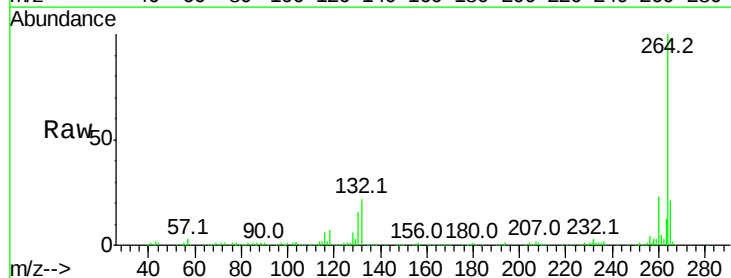


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

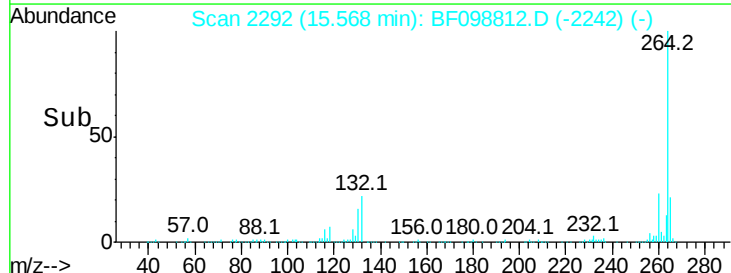
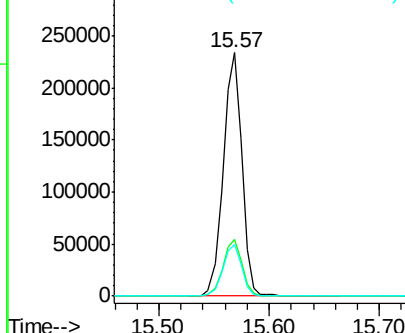


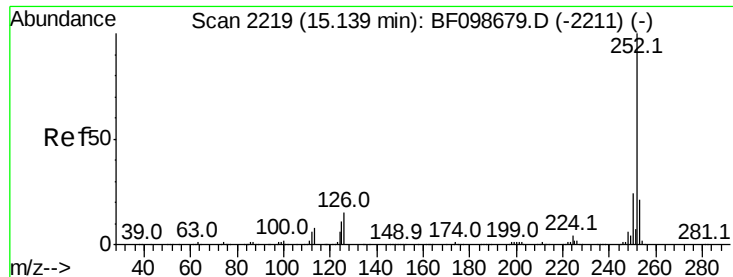
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098812.D
 Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

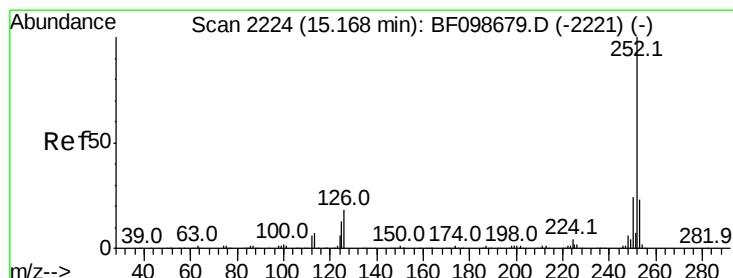
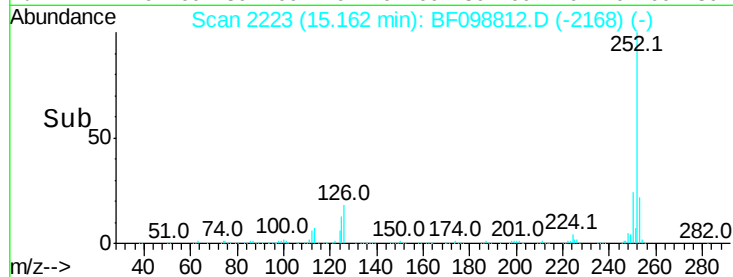
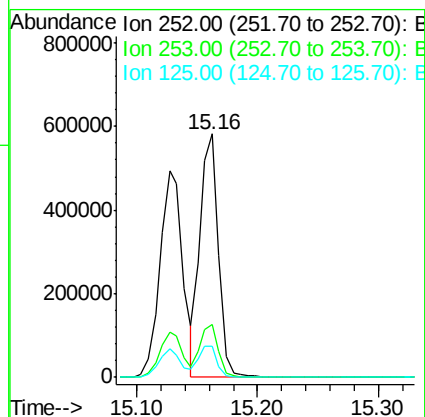
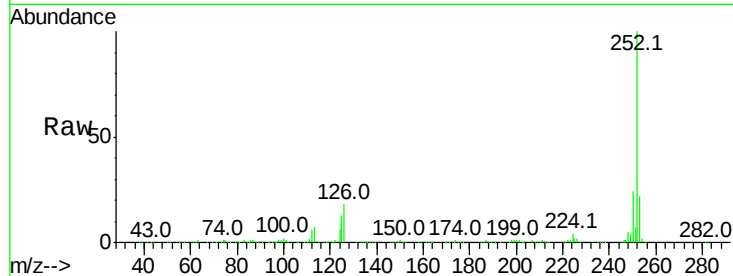




#87
Benzo(b)fluoranthene
Concen: 36.317 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.02 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

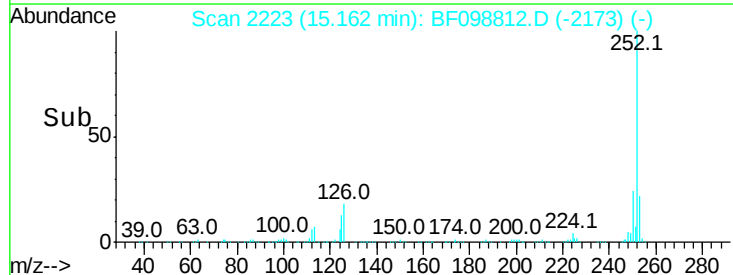
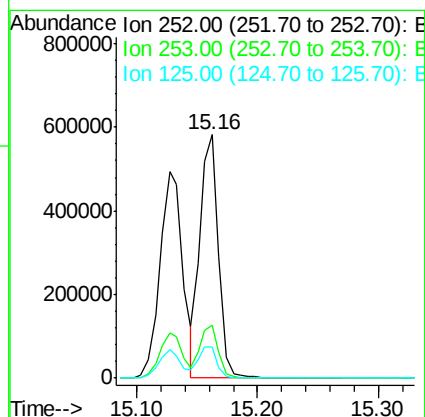
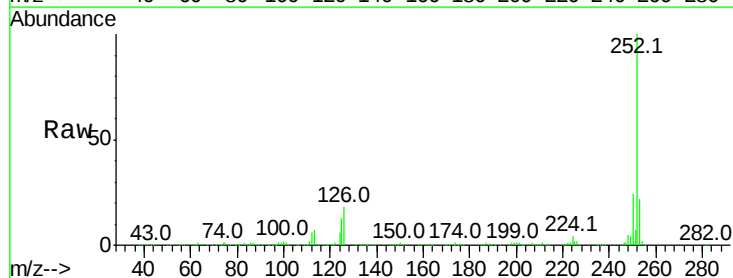
Instrument :
BNA_F
ClientSampleId :

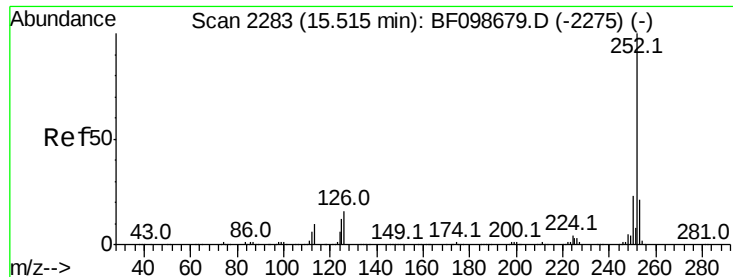
Tot Ion:252 Resp: 616352
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.769 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion:252 Resp: 616352
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.7 10.2 15.2

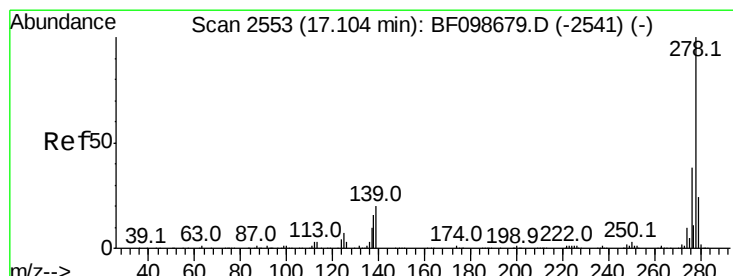
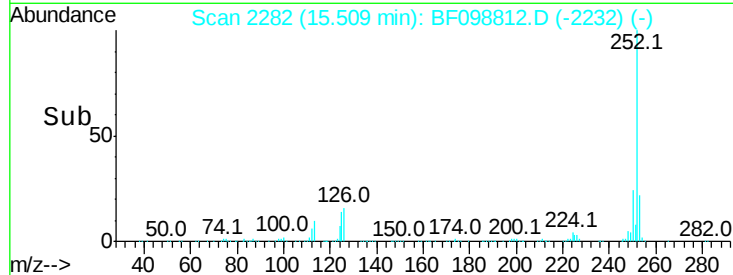
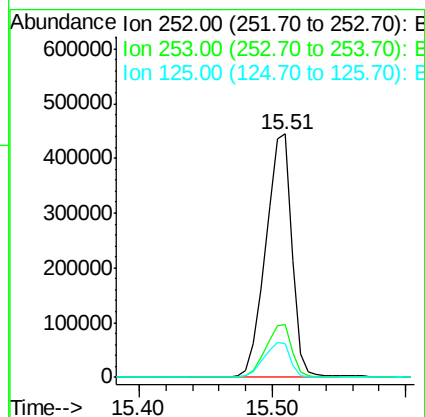
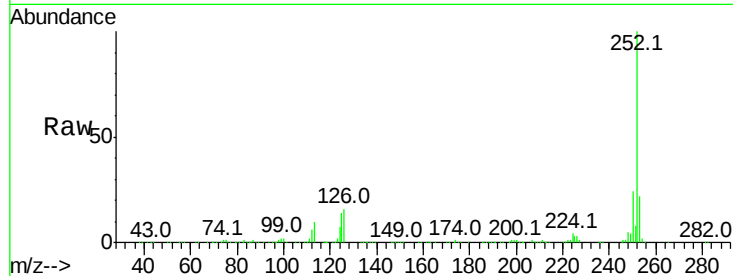




#89
Benzo(a)pyrene
Concen: 38.739 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

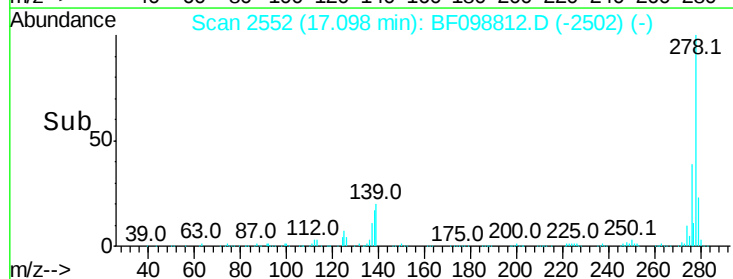
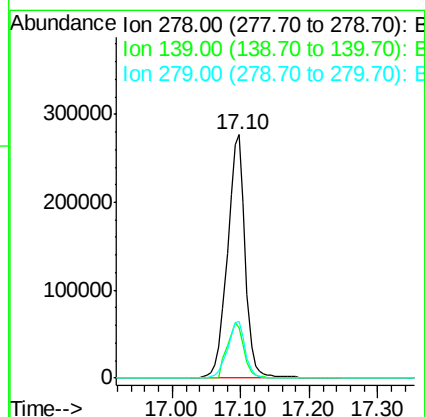
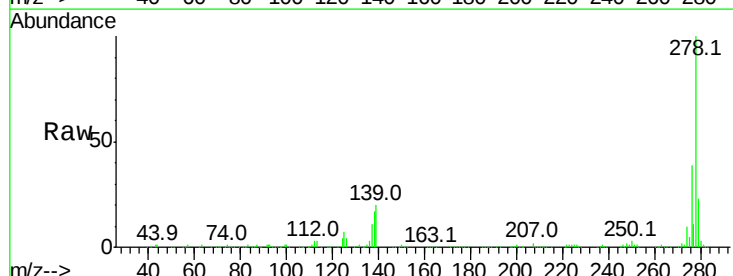
Instrument :
BNA_F
ClientSampleId :

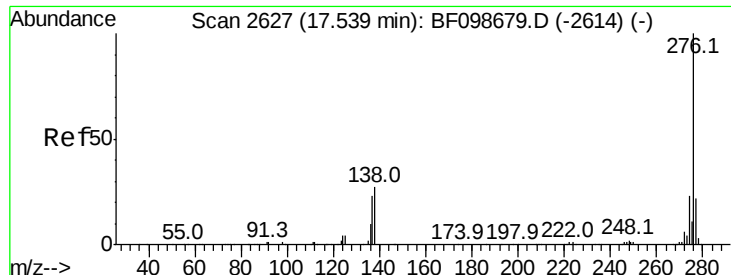
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.972 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098812.D
Acq: 26 Sep 2017 5:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.588 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF098812.D

Acq: 26 Sep 2017 5:41

Instrument :

BNA_F

ClientSampleId :

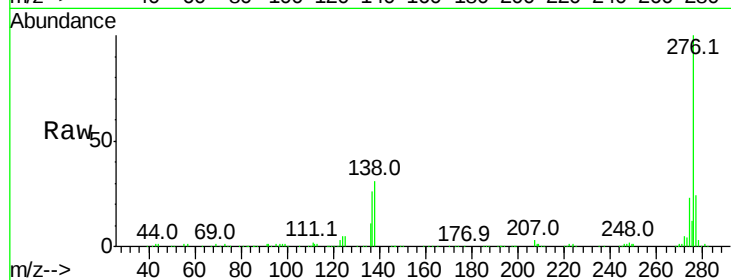
Tot Ion:276 Resp: 450911

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 30.6 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

