

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098758.D
 Acq On : 24 Sep 2017 00:17
 Operator : SJ/JU
 Sample : I5304-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 05:01:26 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	158079	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	606817	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	220686	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	319093	20.00	ng	0.00
75) Chrysene-d12	14.09	240	294686	20.00	ng	0.00
86) Perylene-d12	15.58	264	256590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	878070	88.42	ng	0.01
7) Phenol-d6	6.55	99	1041509	85.02	ng	0.00
23) Nitrobenzene-d5	7.49	82	578553	61.14	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	136263	75.46	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	880852	66.63	ng	0.00
78) Terphenyl-d14	13.03	244	643483	49.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	120172	25.33	ng	98
3) Pyridine	3.57	79	324433	25.28	ng	97
4) n-Nitrosodimethylamine	3.52	42	159748	29.36	ng	# 91
6) Aniline	6.59	93	361583	21.87	ng	99
8) 2-Chlorophenol	6.71	128	313358	27.87	ng	96
9) Benzaldehyde	6.47	77	102682	14.45	ng	99
10) Phenol	6.56	94	420305	30.68	ng	96
11) bis(2-Chloroethyl)ether	6.66	93	301960	28.35	ng	98
12) 1,3-Dichlorobenzene	6.86	146	298658	25.36	ng	97
13) 1,4-Dichlorobenzene	6.94	146	304091	25.38	ng	99
14) 1,2-Dichlorobenzene	7.09	146	286047	25.84	ng	99
15) Benzyl Alcohol	7.06	79	268249	29.85	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	458732	27.64	ng	99
17) 2-Methylphenol	7.17	107	251851	27.37	ng	99
18) Hexachloroethane	7.44	117	86127	20.00	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	209749	26.82	ng	98
20) 3+4-Methylphenols	7.32	107	324242	27.85	ng	# 87
22) Acetophenone	7.33	105	419052	28.50	ng	# 96
24) Nitrobenzene	7.50	77	303182	28.25	ng	99
25) Isophorone	7.74	82	556263	28.43	ng	99
26) 2-Nitrophenol	7.82	139	129857	25.16	ng	91
27) 2,4-Dimethylphenol	7.85	122	243243	24.95	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	370288	30.37	ng	99
29) 2,4-Dichlorophenol	8.06	162	226551	27.07	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	222255	26.55	ng	98
31) Naphthalene	8.23	128	767317	26.92	ng	100
32) Benzoic acid	7.85	122	243243	30.38	ng	# 14
33) 4-Chloroaniline	8.27	127	238726	20.06	ng	99
34) Hexachlorobutadiene	8.34	225	110825	25.71	ng	98
35) Caprolactam	8.63	113	58282	21.71	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	229383	24.38	ng	98
37) 2-Methylnaphthalene	8.92	142	495713	26.76	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	186403	28.32	ng	99
40) Hexachlorocyclopentadiene	9.07	237	35272	11.73	ng	96

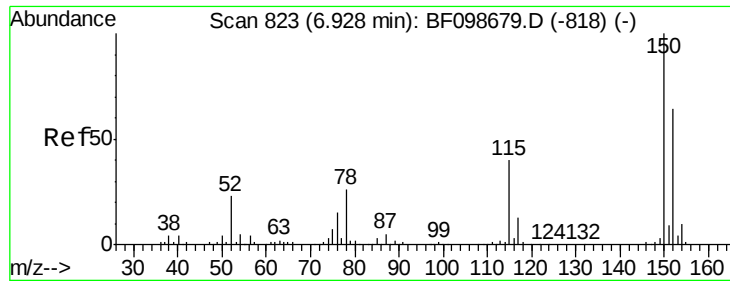
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098758.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	134999	28.95	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	132078	28.38	nq	98
45) 1,1'-Biphenyl	9.38	154	544550	28.71	nq	99
46) 2-Chloronaphthalene	9.41	162	415176	29.15	nq	95
47) 2-Nitroaniline	9.50	65	135460	31.07	nq	97
48) Acenaphthylene	9.82	152	595311	27.31	nq	100
49) Dimethylphthalate	9.67	163	629222	37.78	nq	100
50) 2,6-Dinitrotoluene	9.74	165	97994	27.02	nq	96
51) Acenaphthene	9.99	154	351220	25.43	nq	99
52) 3-Nitroaniline	9.91	138	119430	28.25	nq	92
53) 2,4-Dinitrophenol	10.01	184	1485	6.56	nq	# 30
54) Dibenzofuran	10.17	168	515908	28.06	nq	99
55) 4-Nitrophenol	10.06	139	153697	42.99	nq	96
56) 2,4-Dinitrotoluene	10.14	165	112097	23.82	nq	98
57) Fluorene	10.51	166	380727	25.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	85023	26.44	nq	96
59) Diethylphthalate	10.37	149	463153	28.46	nq	100
60) 4-Chlorophenyl-phenylether	10.50	204	180245	27.15	nq	99
61) 4-Nitroaniline	10.52	138	106907	26.21	nq	95
62) Azobenzene	10.66	77	410478	27.43	nq	100
64) 4,6-Dinitro-2-methylphenol	10.54	198	3781	1.95	nq	93
65) n-Nitrosodiphenylamine	10.62	169	347046	31.39	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	94507	30.26	nq	92
67) Hexachlorobenzene	11.06	284	90247	27.05	nq	98
68) Atrazine	11.14	200	96209	28.93	nq	99
69) Pentachlorophenol	11.24	266	96374	46.42	nq	98
70) Phenanthrene	11.47	178	502755	29.43	nq	98
71) Anthracene	11.52	178	511673	29.28	nq	100
72) Carbazole	11.67	167	493112	28.81	nq	100
73) Di-n-butylphthalate	12.00	149	610161	29.62	nq	98
74) Fluoranthene	12.66	202	515141	29.78	nq	96
76) Benzidine	12.78	184	359594	32.99	nq	98
77) Pyrene	12.89	202	544720	24.24	nq	99
79) Butylbenzylphthalate	13.50	149	262515	24.86	nq	96
80) Benzo(a)anthracene	14.08	228	491667	27.55	nq	98
81) 3,3'-Dichlorobenzidine	14.04	252	186407	28.50	nq	98
82) Chrysene	14.12	228	460809	27.13	nq	97
83) Bis(2-ethylhexyl)phthalate	14.06	149	399729	27.49	nq	# 99
84) Di-n-octyl phthalate	14.67	149	709621	30.31	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	358398	26.37	nq	95
87) Benzo(b)fluoranthene	15.14	252	418329	26.52	nq	98
88) Benzo(k)fluoranthene	15.17	252	428549	27.50	nq	99
89) Benzo(a)pyrene	15.52	252	390706	26.98	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	307074	26.50	nq	96
91) Benzo(g,h,i)perylene	17.54	276	285425	24.92	nq	94

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

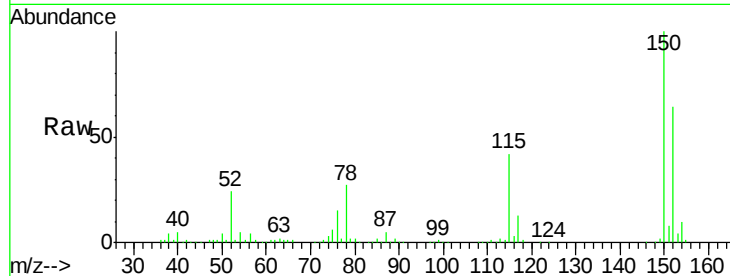


#1

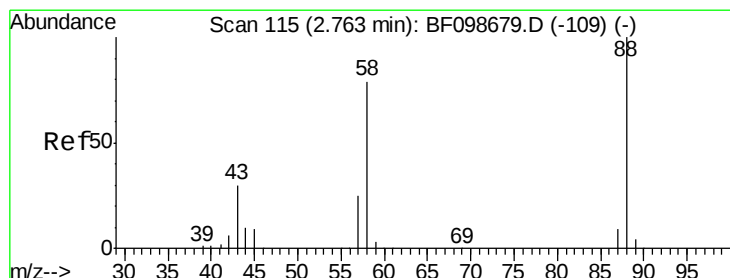
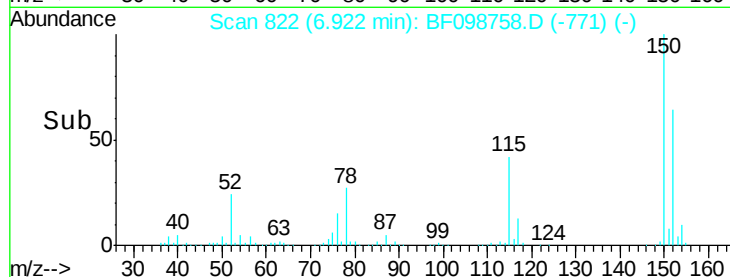
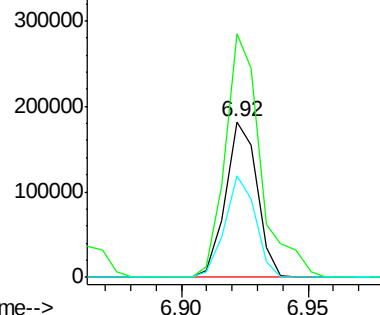
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158079
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 65.6 50.1 75.1



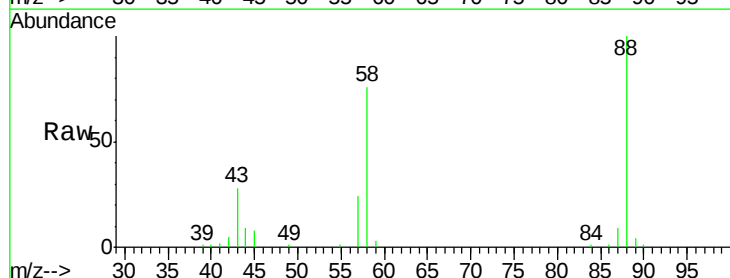
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



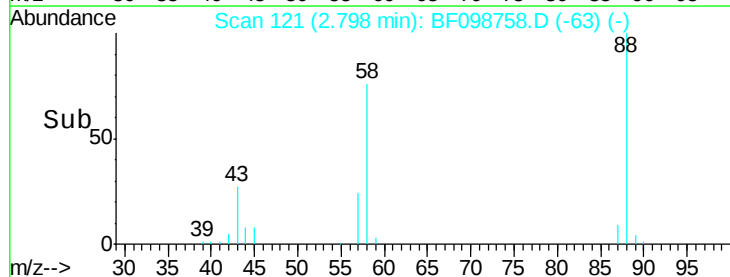
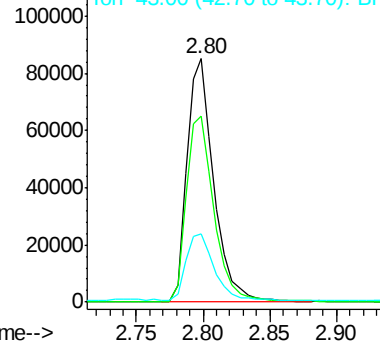
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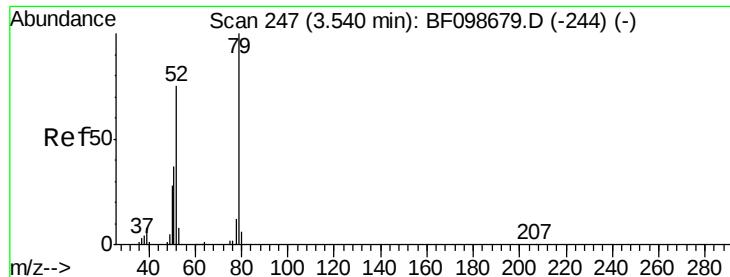
1,4-Dioxane
Concen: 25.33 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.04 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion: 88 Resp: 120172
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 28.7 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: 25.28 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.04 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

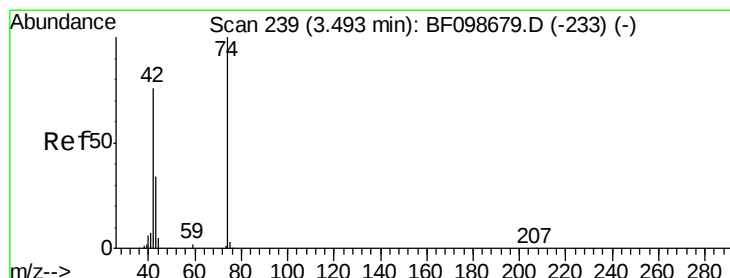
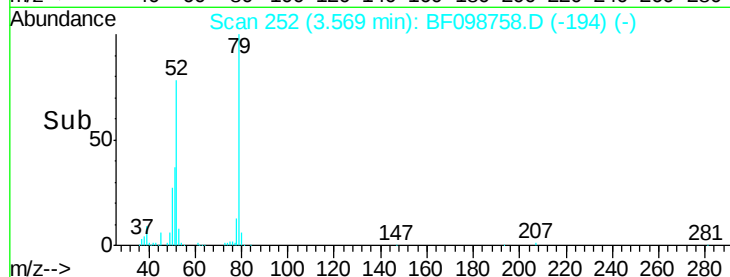
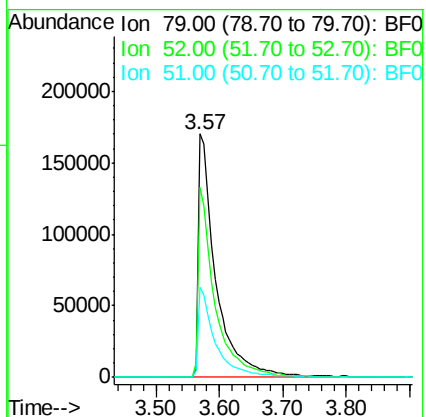
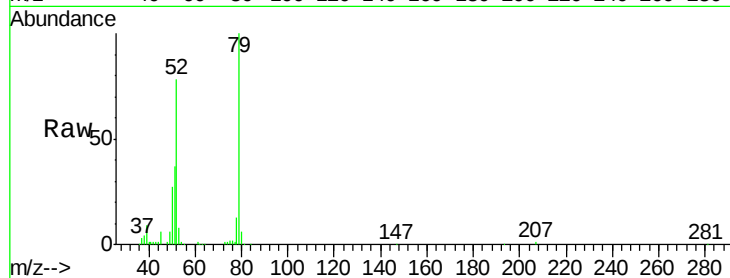
Tot Ion: 79 Resp: 324433

Ion Ratio Lower Upper

79 100

52 78.1 59.8 89.6

51 36.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.36 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

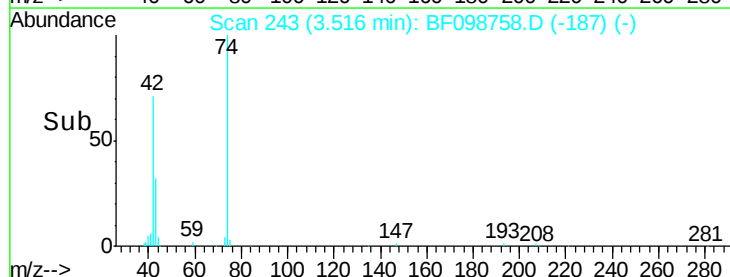
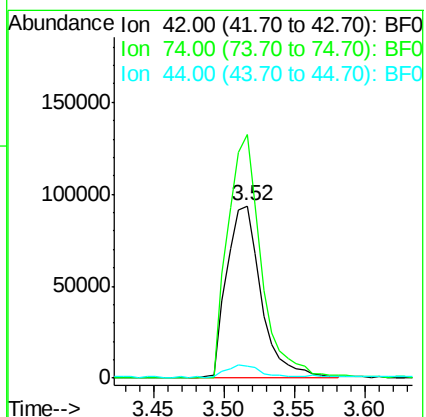
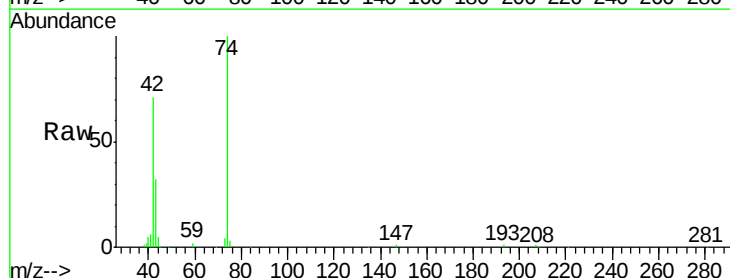
Tgt Ion: 42 Resp: 159748

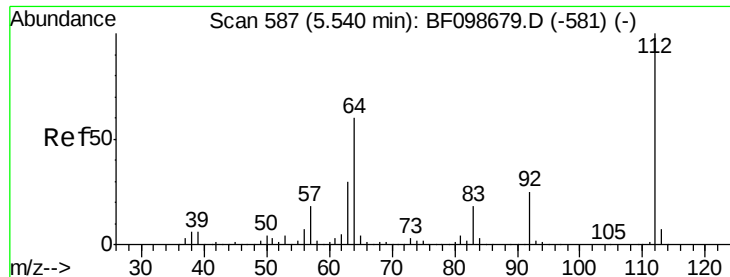
Ion Ratio Lower Upper

42 100

74 141.3 104.9 157.3

44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 88.42 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

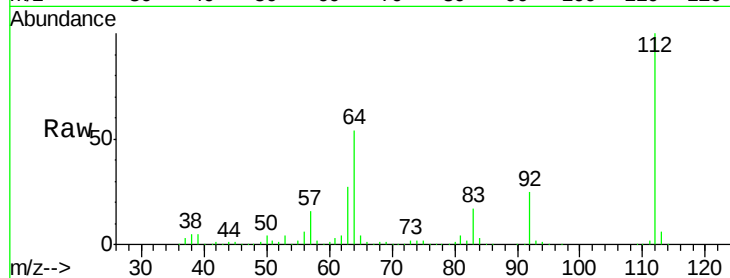
Tot Ion:112 Resp: 878070

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

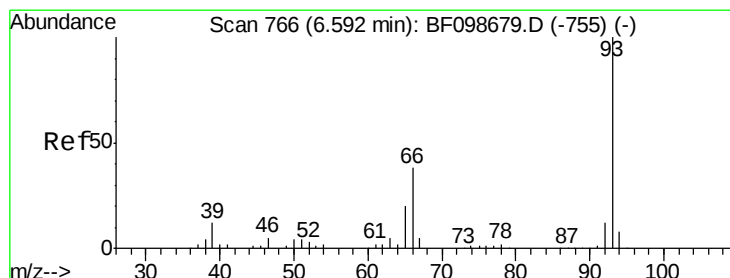
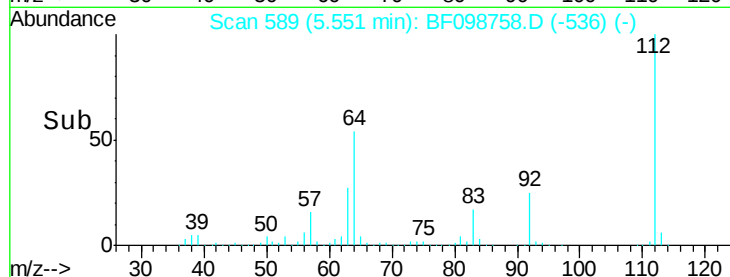
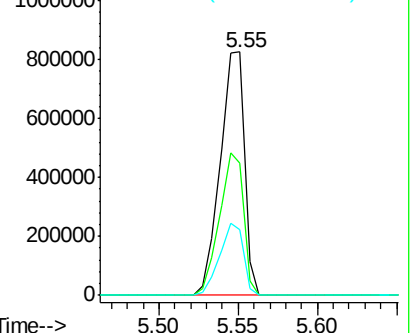
63 26.7 23.7 35.5



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: 21.87 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

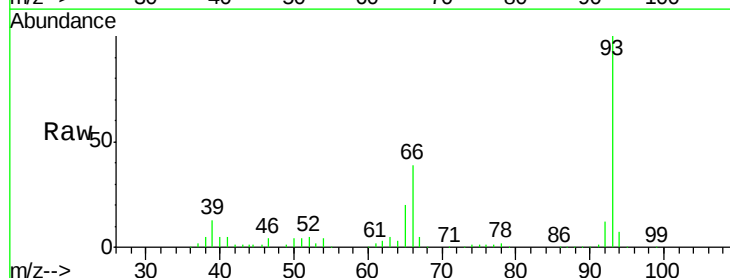
Tgt Ion: 93 Resp: 361583

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

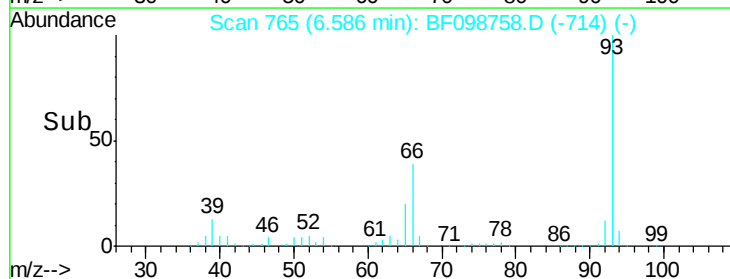
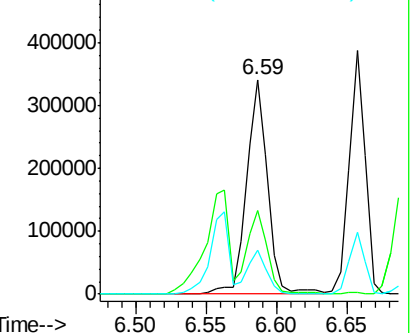
65 20.2 16.4 24.6

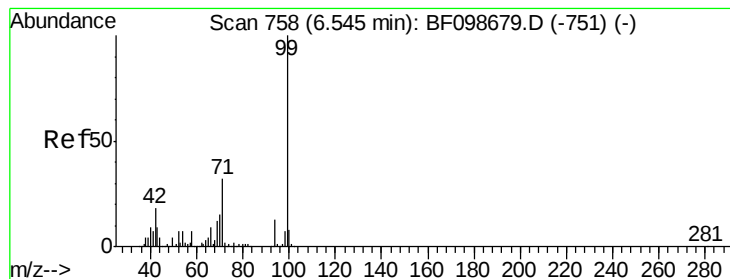


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.02 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

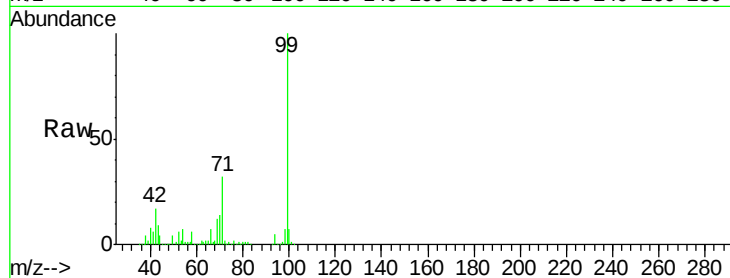
Tot Ion: 99 Resp: 1041509

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

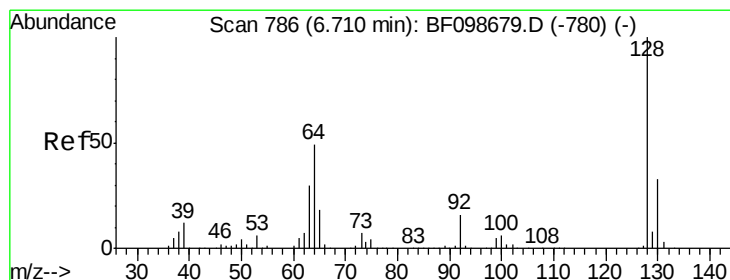
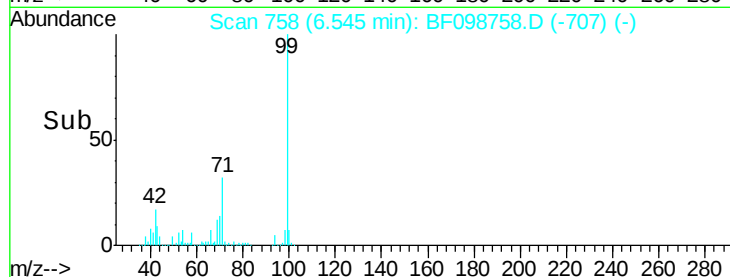
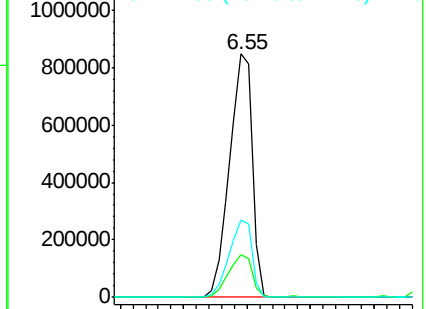
71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 27.87 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

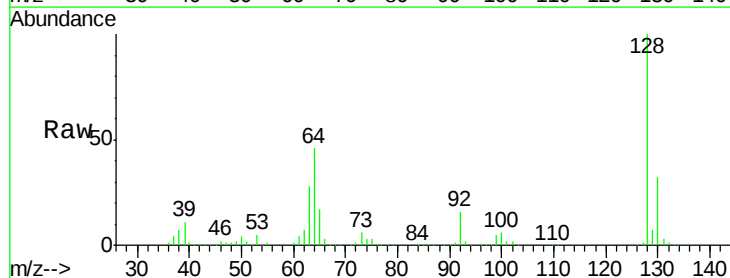
Tgt Ion: 128 Resp: 313358

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

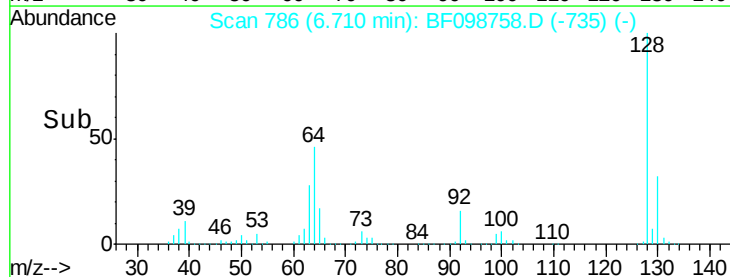
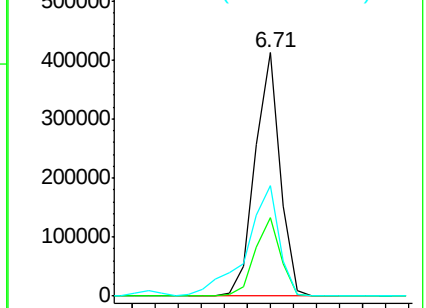
64 45.6 29.4 69.4

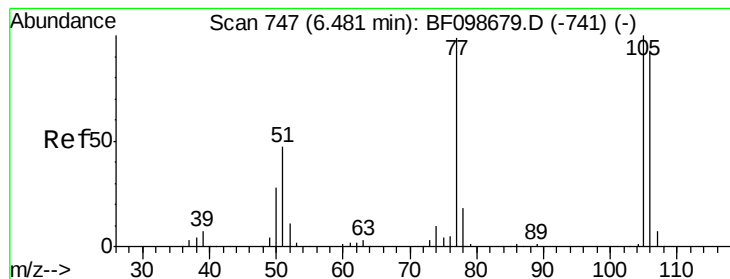


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.45 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

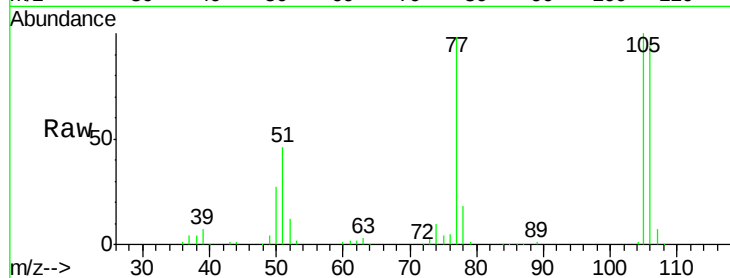
Tot Ion: 77 Resp: 102682

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

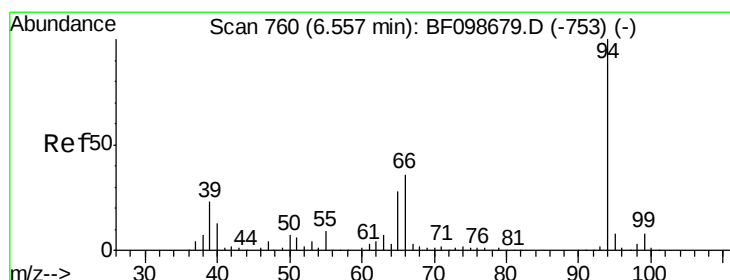
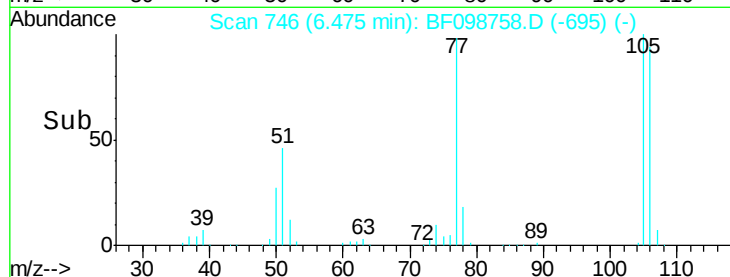
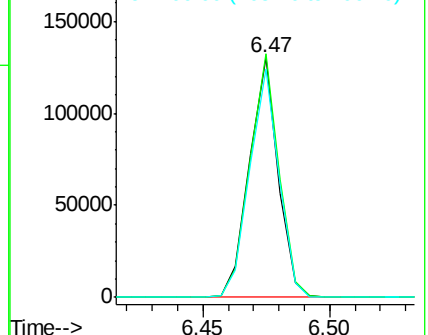
106 95.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.68 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

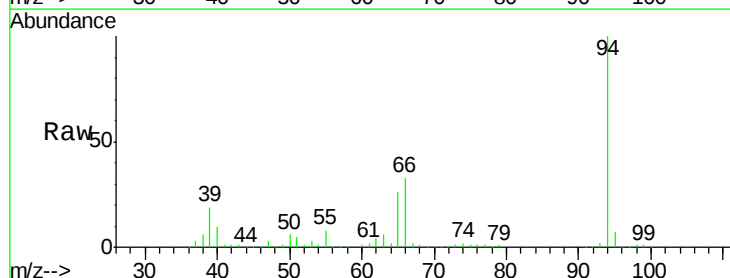
Tgt Ion: 94 Resp: 420305

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

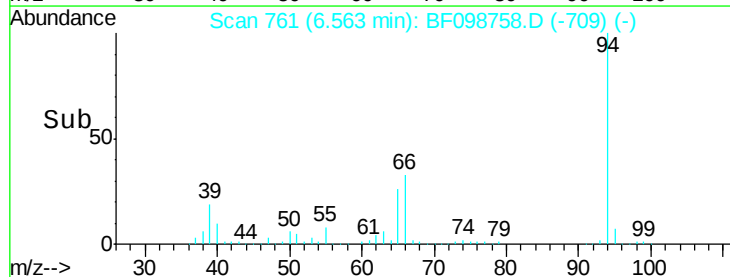
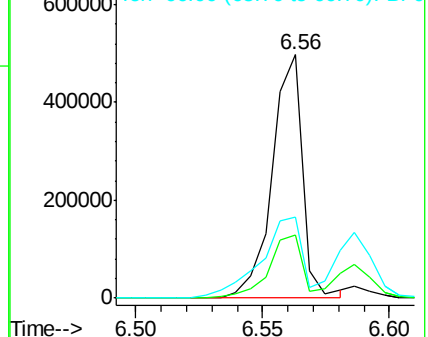
66 33.2 16.2 56.2

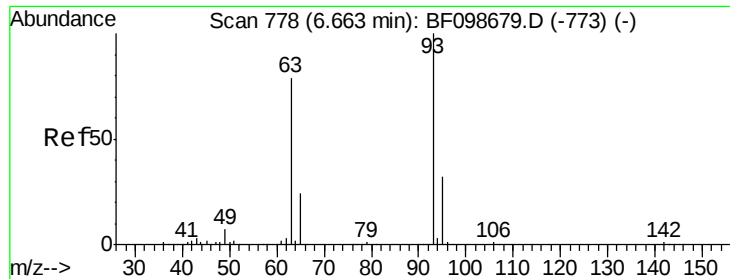


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

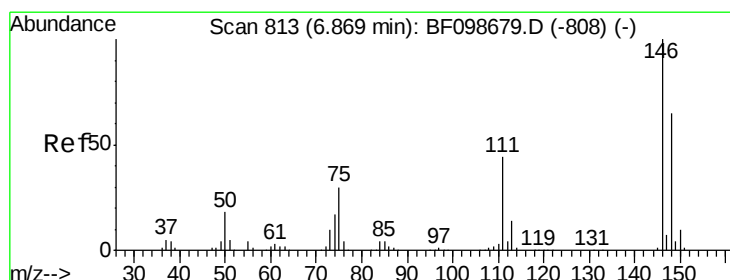
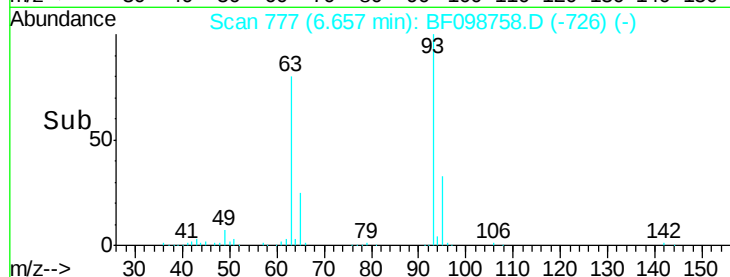
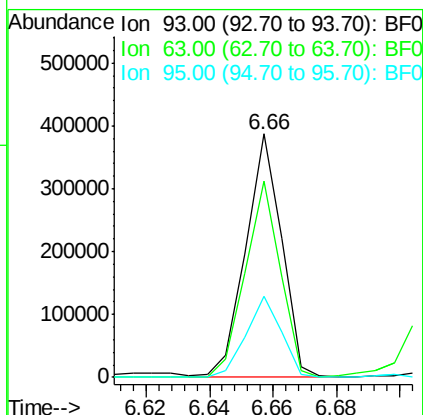
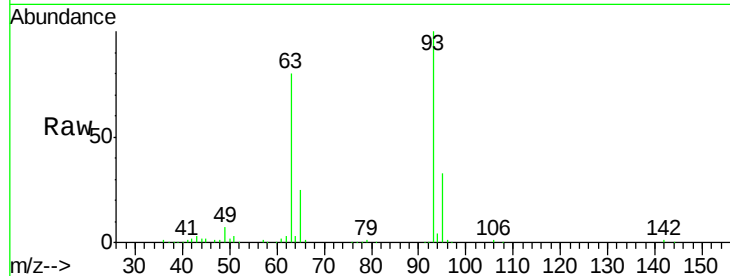




#11
bis(2-Chloroethyl)ether
Concen: 28.35 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

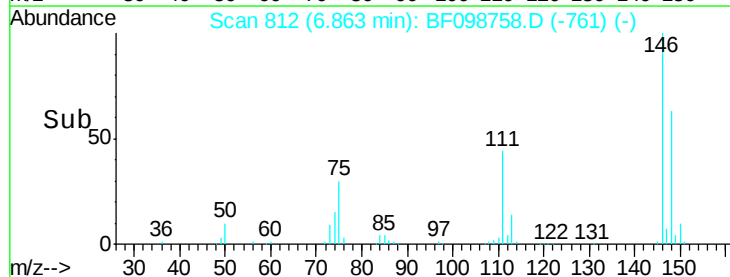
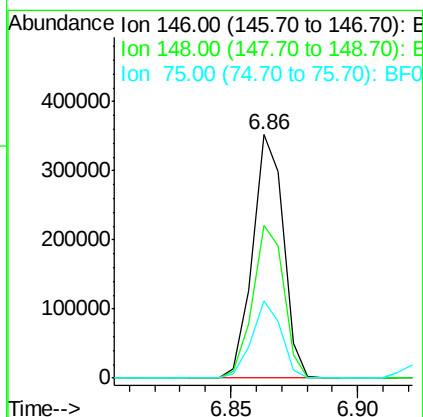
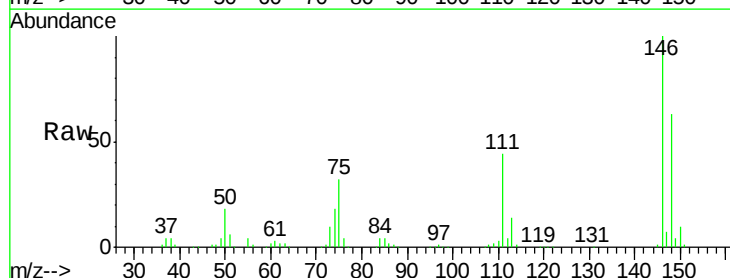
Instrument :
BNA_F
ClientSampled :

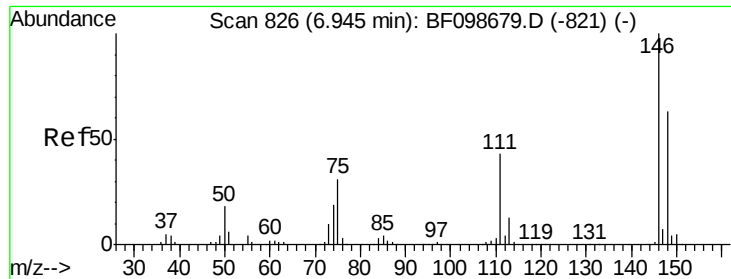
Tot Ion: 93 Resp: 301960
Ion Ratio Lower Upper
93 100
63 80.4 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 25.36 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion: 146 Resp: 298658
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.8
75 31.5 24.2 36.4

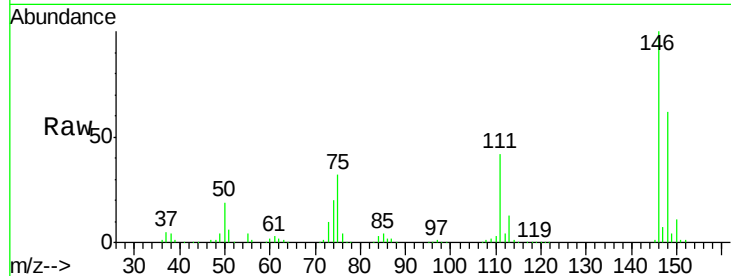




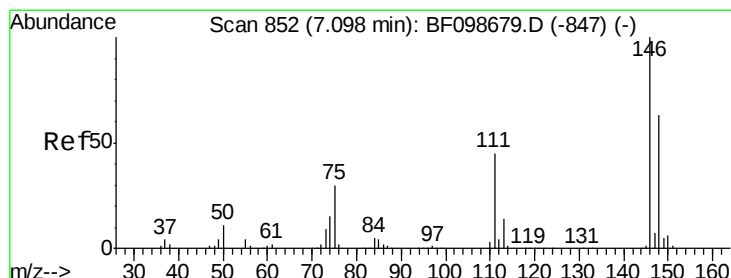
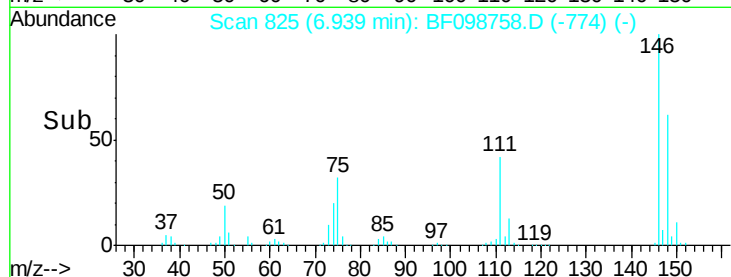
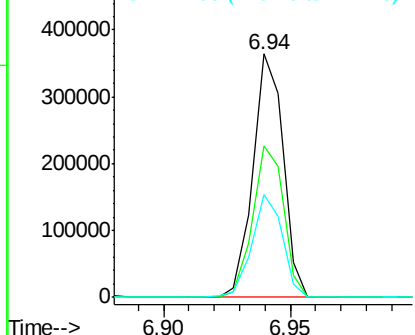
#13
 1,4-Dichlorobenzene
 Concen: 25.38 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	42.4	34.2	51.2

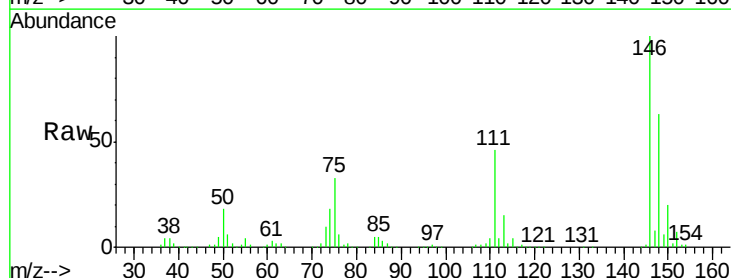


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

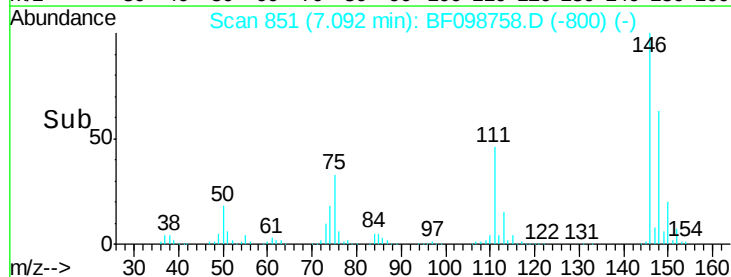
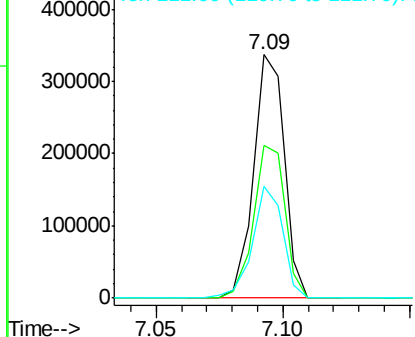


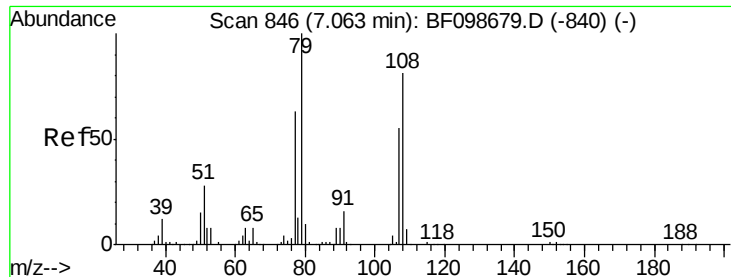
#14
 1,2-Dichlorobenzene
 Concen: 25.84 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	46.0	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 29.85 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

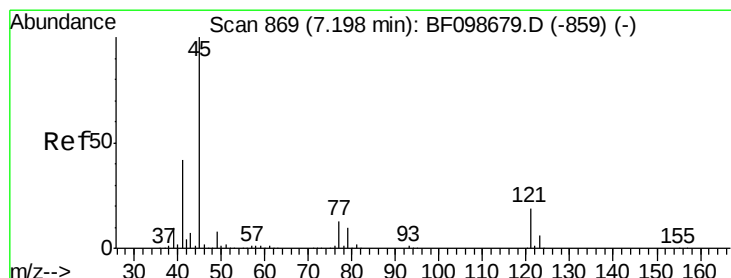
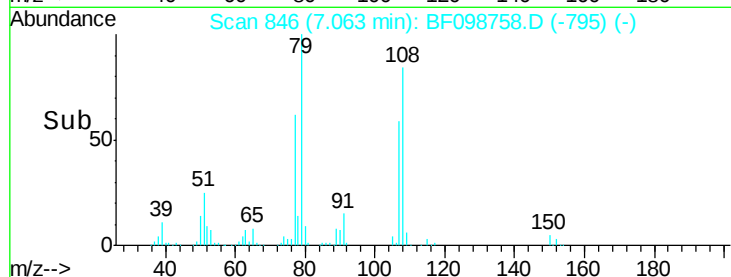
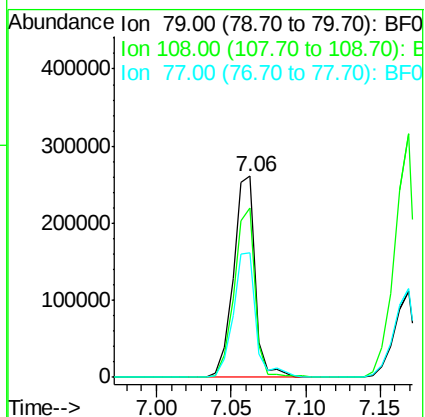
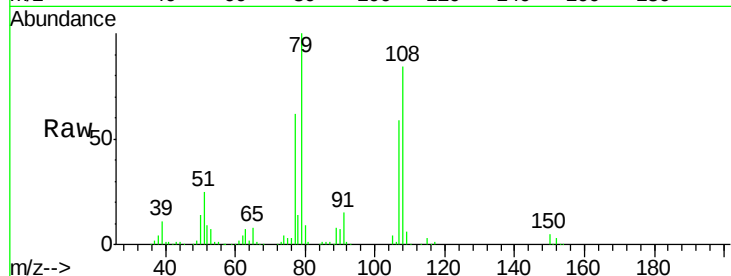
Tot Ion: 79 Resp: 268249

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.64 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

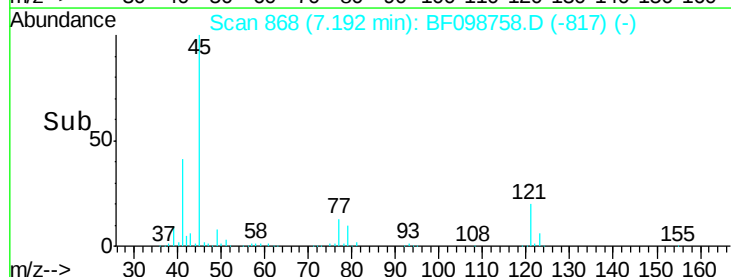
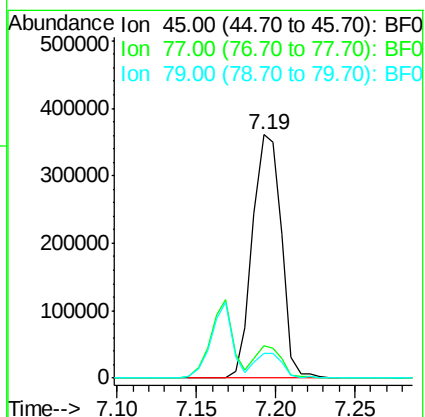
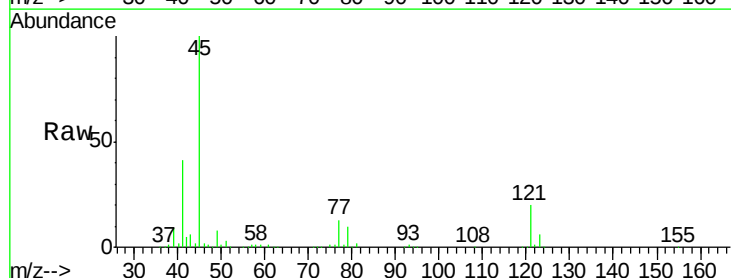
Tgt Ion: 45 Resp: 458732

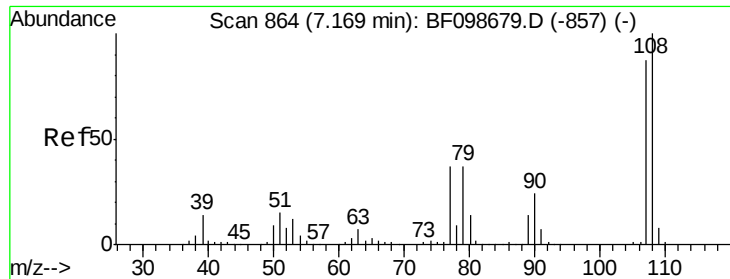
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.9

79 9.9 0.0 29.6

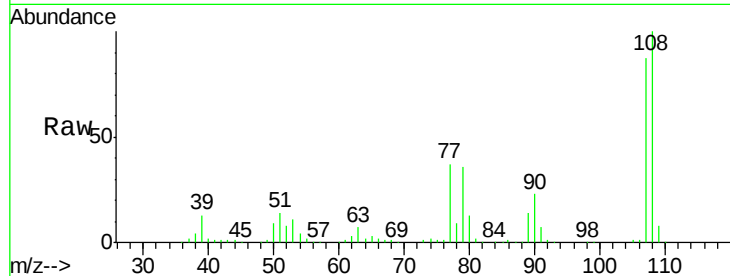




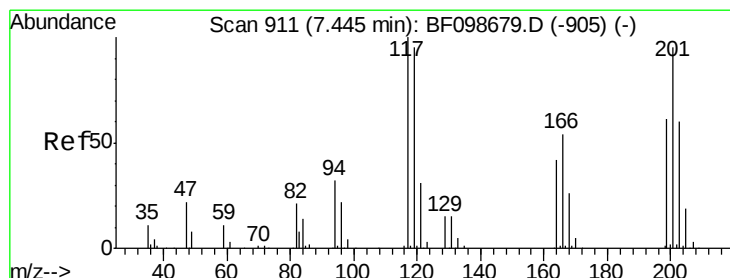
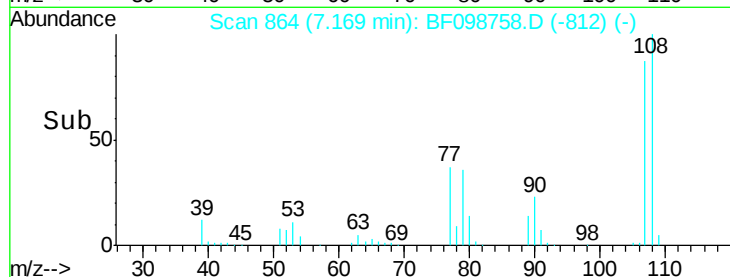
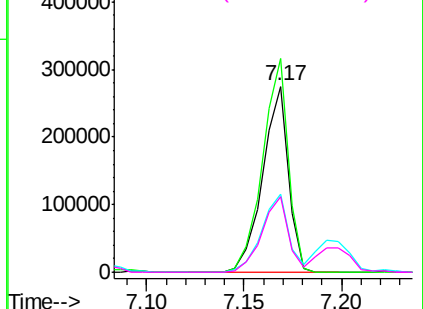
#17
2-Methylphenol
Concen: 27.37 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	251851
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.7	137.5
77	42.1	33.8	50.8
79	40.9	33.8	50.8

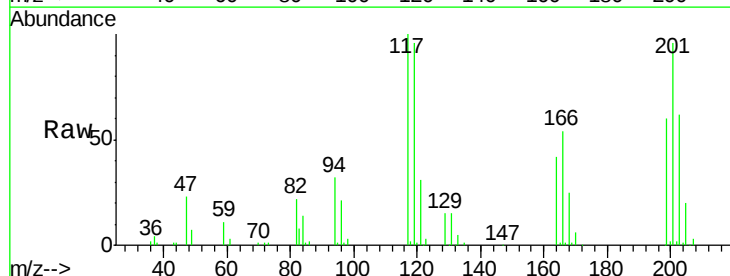


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

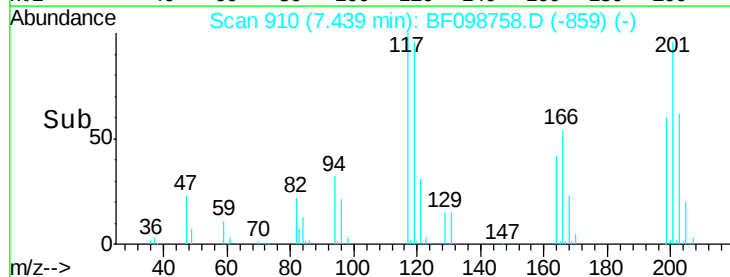
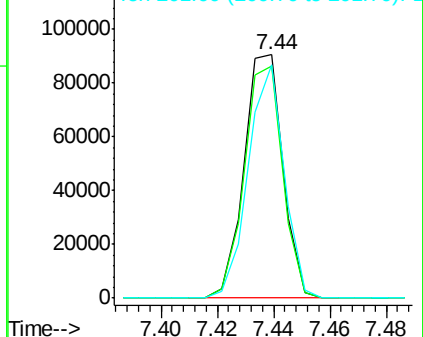


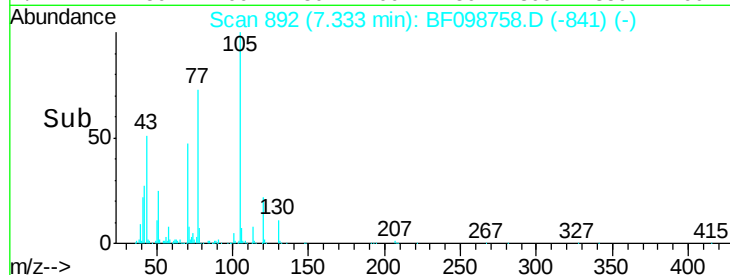
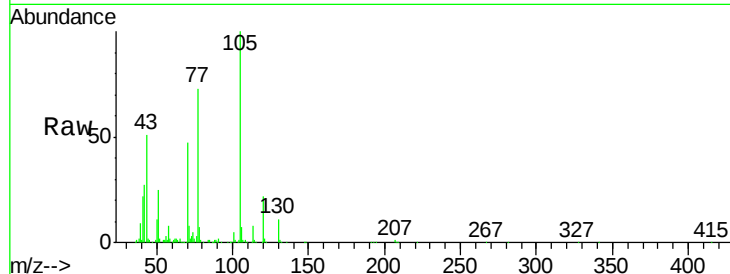
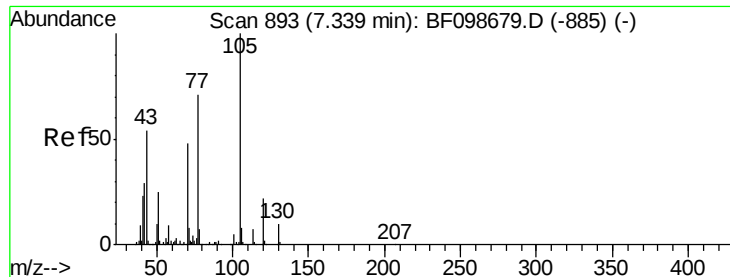
#18
Hexachloroethane
Concen: 20.00 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:	117	Resp:	86127
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	95.9	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

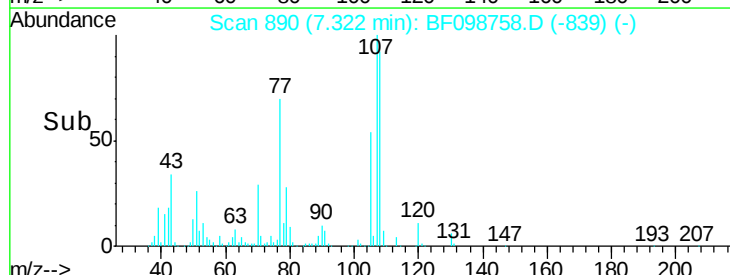
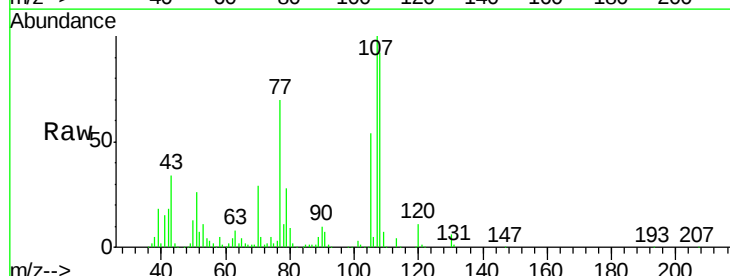
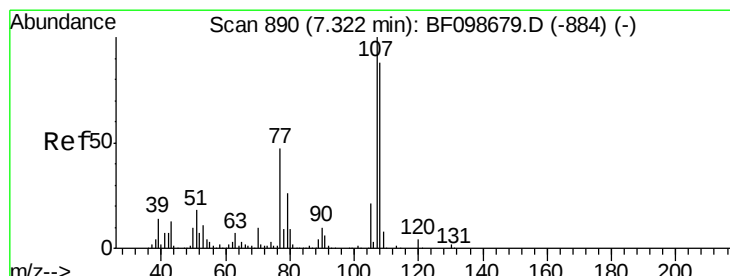
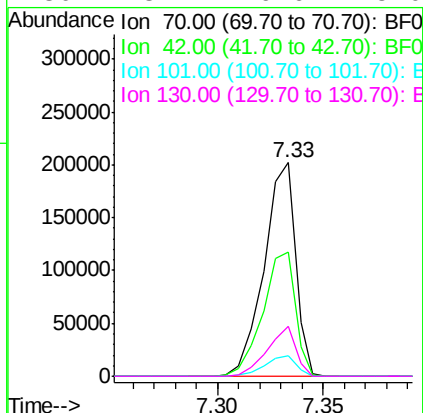




#19
n-Nitroso-di-n-propylamine
Concen: 26.82 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

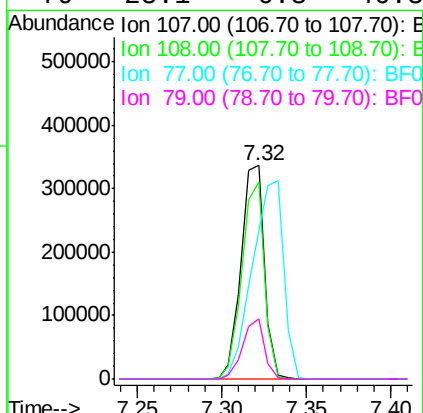
Instrument :
BNA_F
ClientSampleId :

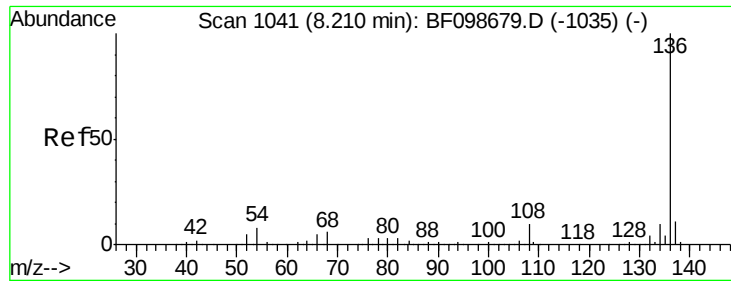
Tot Ion:	70	Resp:	209749
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.5	71.3
101	9.9	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 27.85 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:	107	Resp:	324242
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	69.6	26.7	66.7#
79	28.1	6.3	46.3

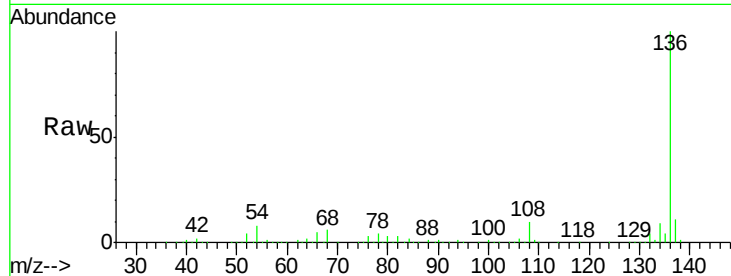




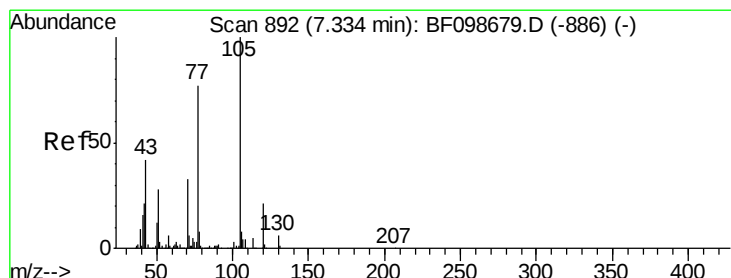
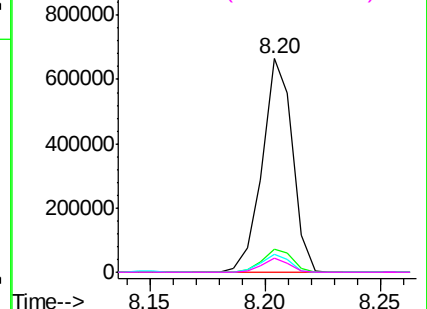
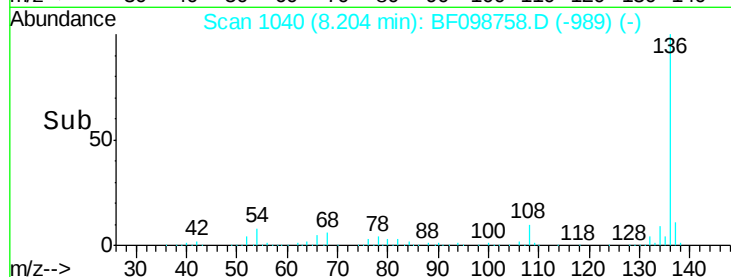
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	606817
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.3	6.6 9.8
68	6.4	5.0 7.4

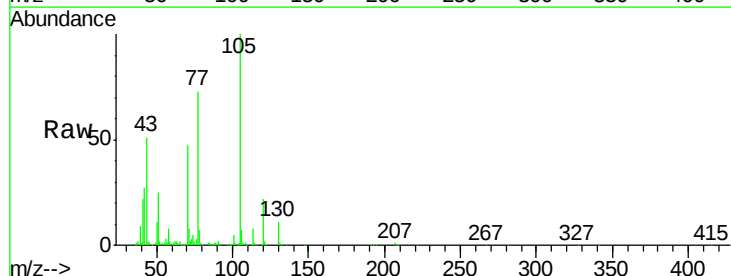


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

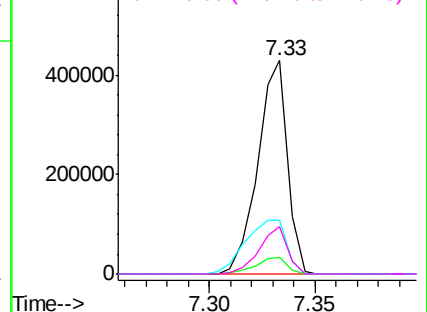
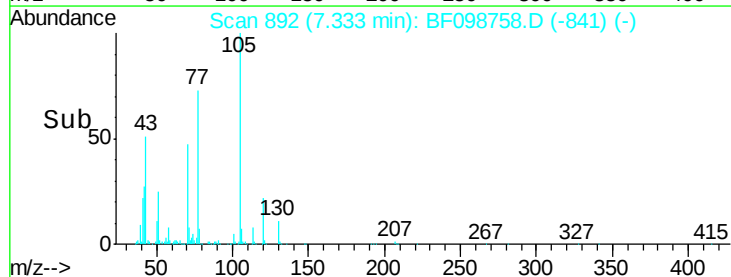


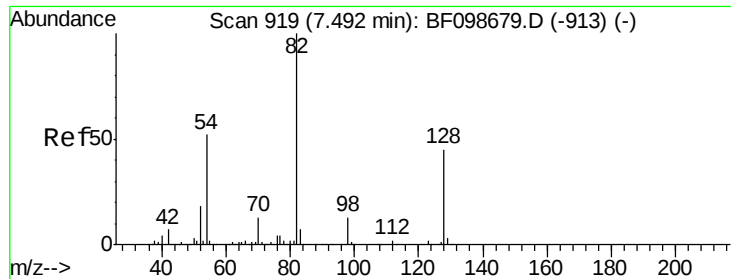
#22
Acetophenone
Concen: 28.50 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:105	Resp:	419052
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	25.2	22.3 33.5
120	22.3	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

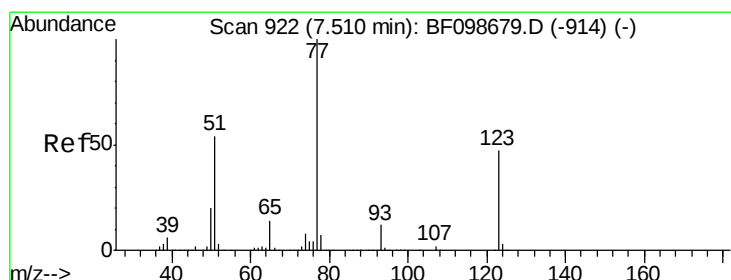
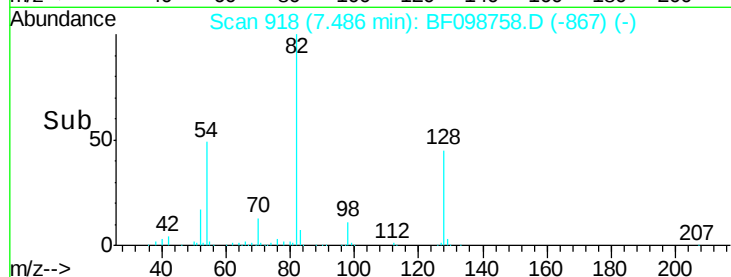
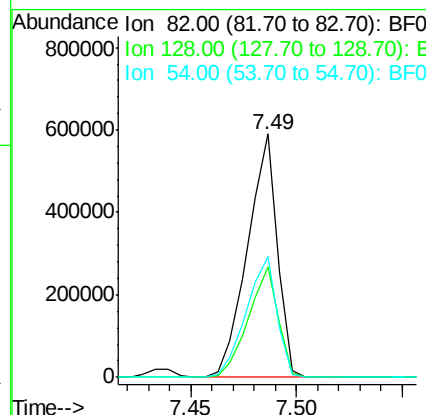
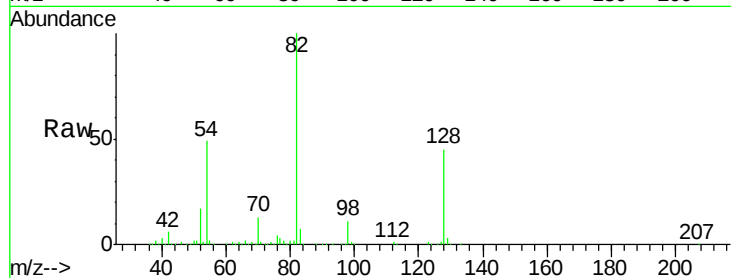




#23
Nitrobenzene-d5
Concen: 61.14 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

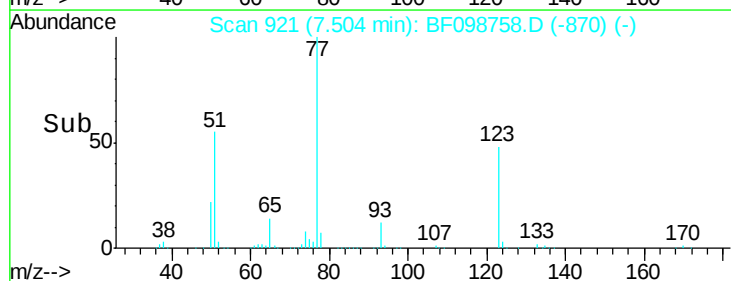
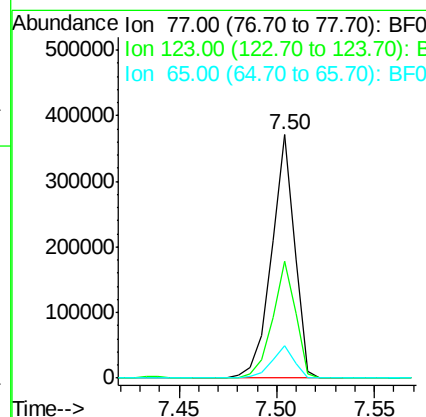
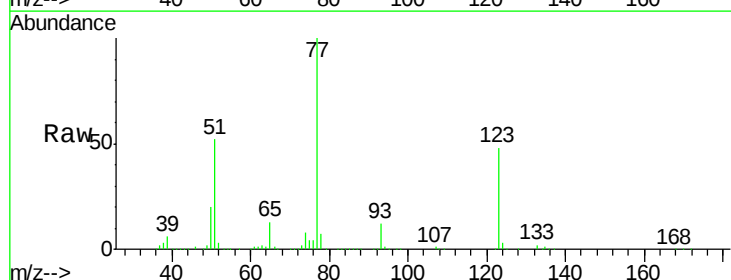
Instrument :
BNA_F
ClientSampleId :

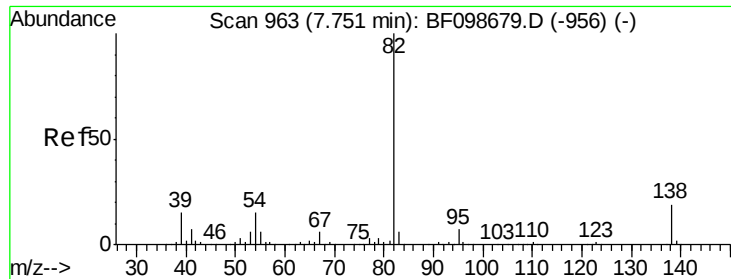
Tot Ion	82	Resp	578553
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	49.5	41.4	62.2



#24
Nitrobenzene
Concen: 28.25 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	77	Resp	303182
Ion Ratio	100	Lower	Upper
123	47.9	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 28.43 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

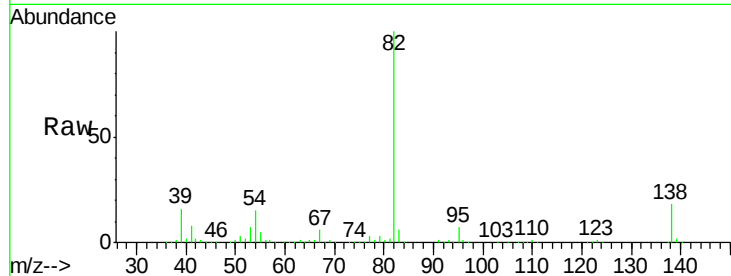
Tot Ion: 82 Resp: 556263

Ion Ratio Lower Upper

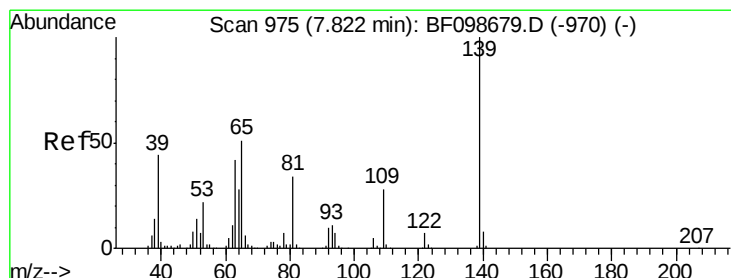
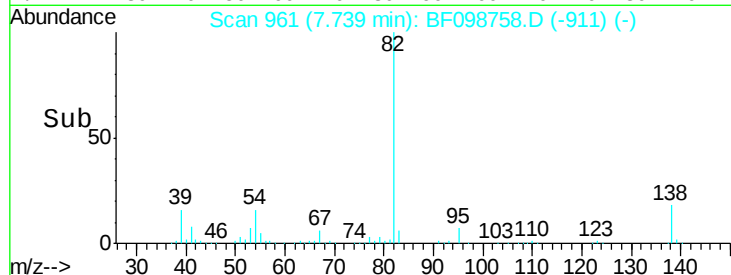
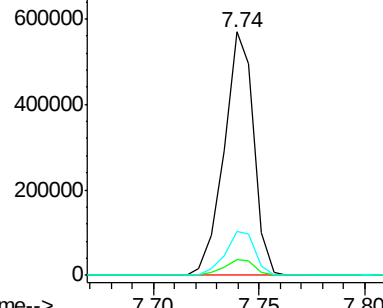
82 100

95 6.6 5.2 7.8

138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 25.16 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

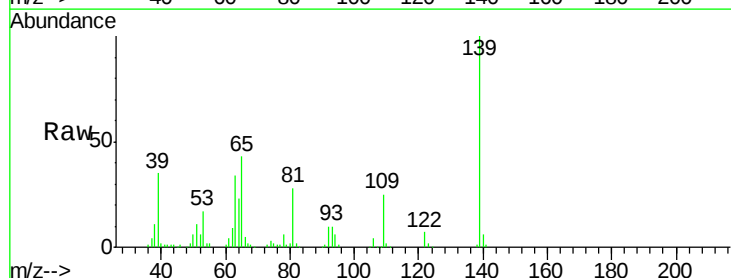
Tgt Ion: 139 Resp: 129857

Ion Ratio Lower Upper

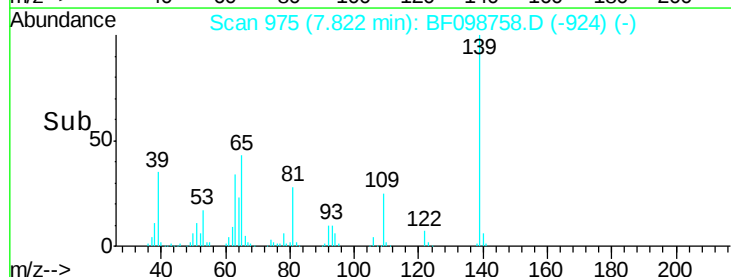
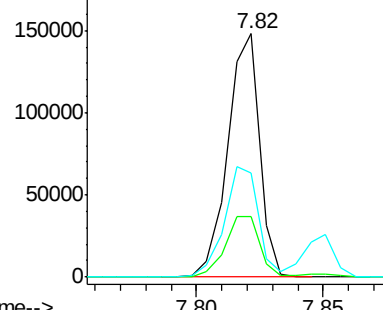
139 100

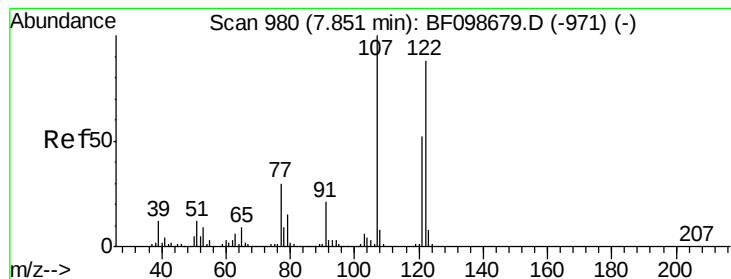
109 25.1 22.7 34.1

65 42.9 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 24.95 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

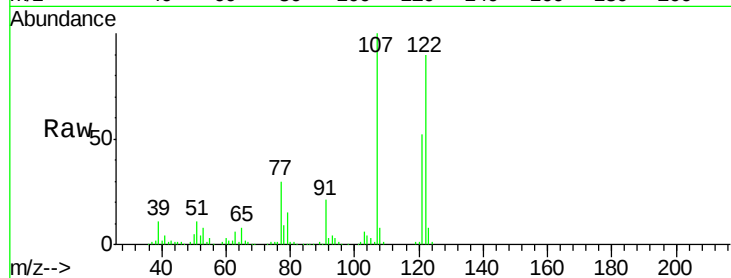
Tot Ion:122 Resp: 243243

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

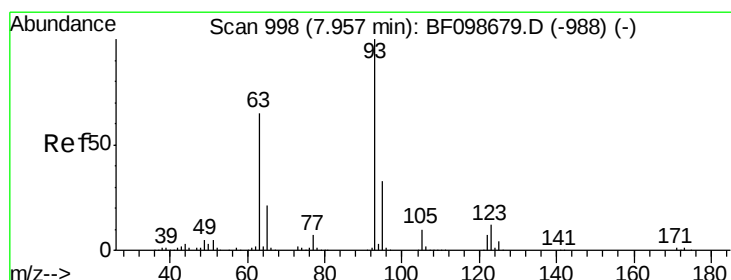
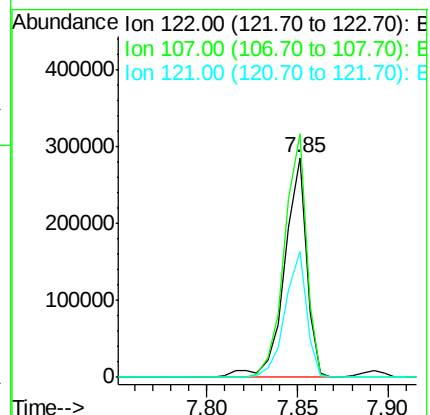
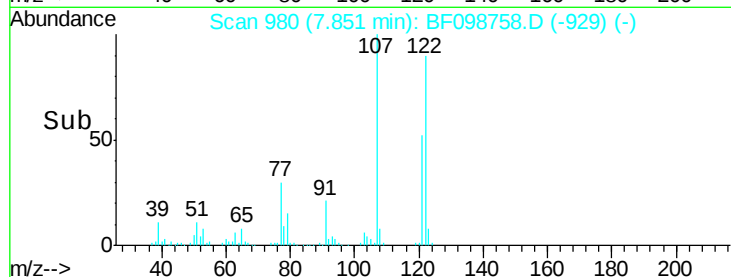
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.37 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

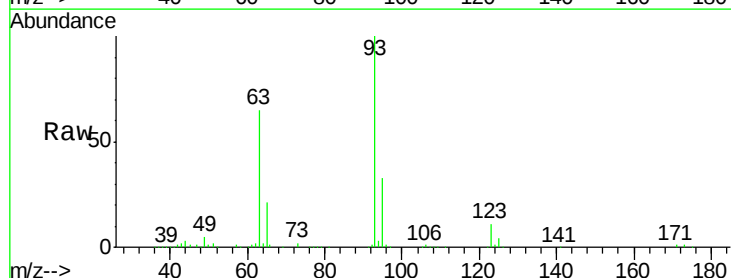
Tgt Ion: 93 Resp: 370288

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

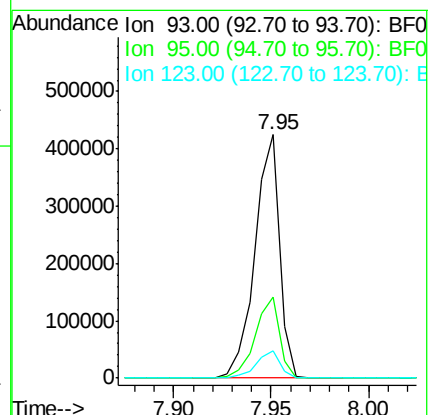
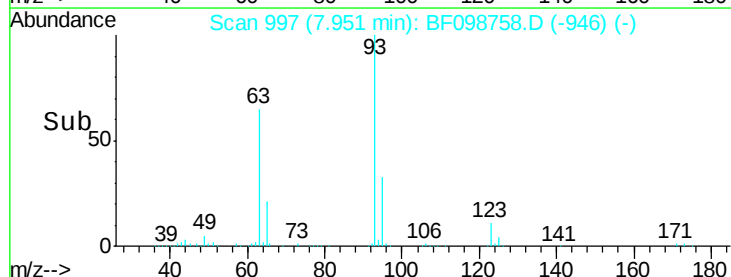
123 11.1 9.8 14.6

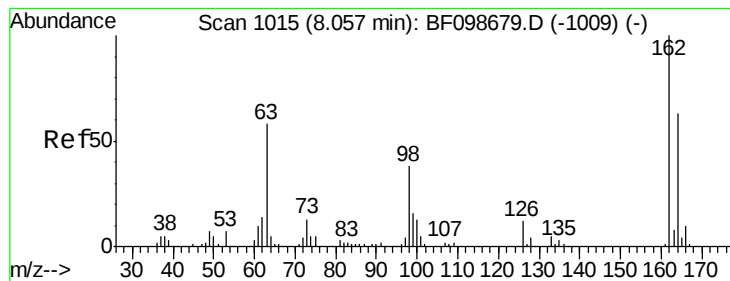


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 27.07 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

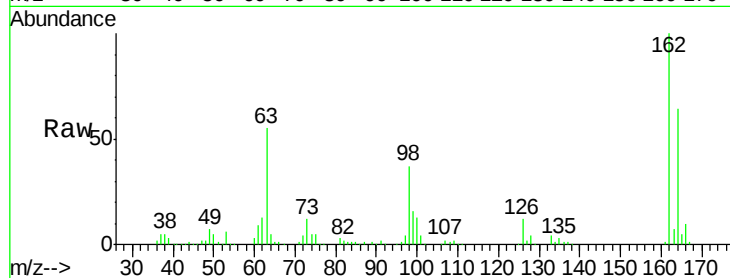
Tot Ion:162 Resp: 226551

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

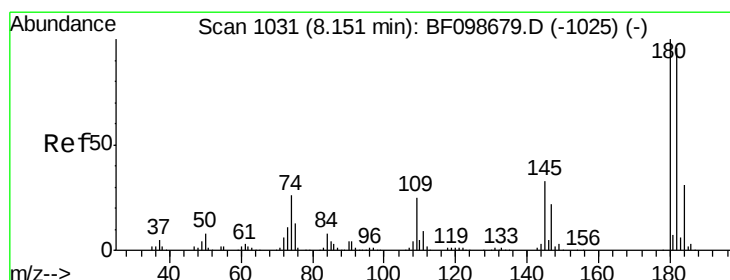
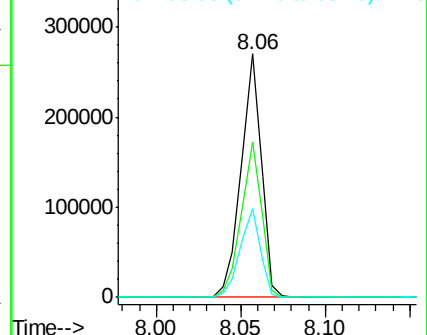
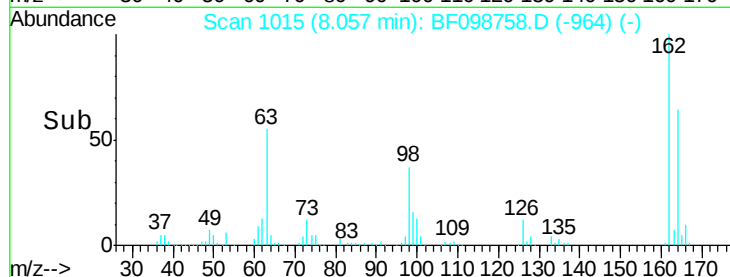
98 36.7 18.1 58.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 26.55 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

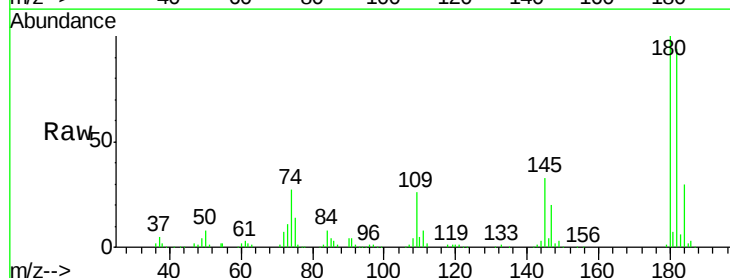
Tgt Ion:180 Resp: 222255

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

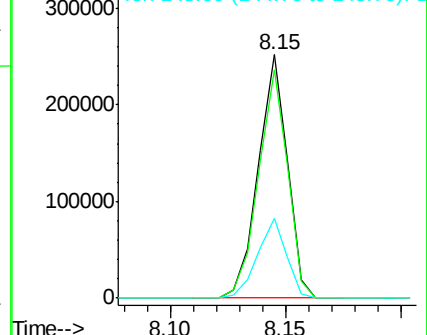
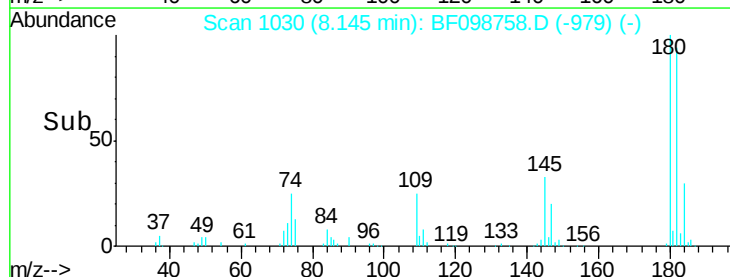
145 32.8 26.5 39.7

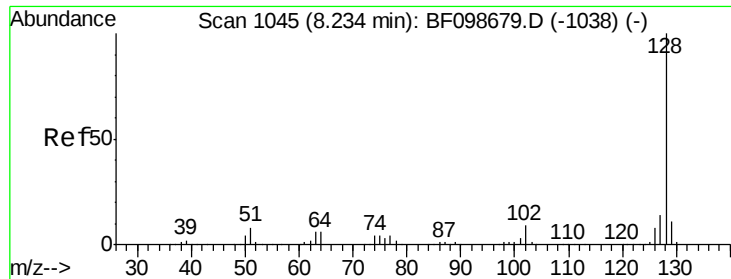


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 26.92 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

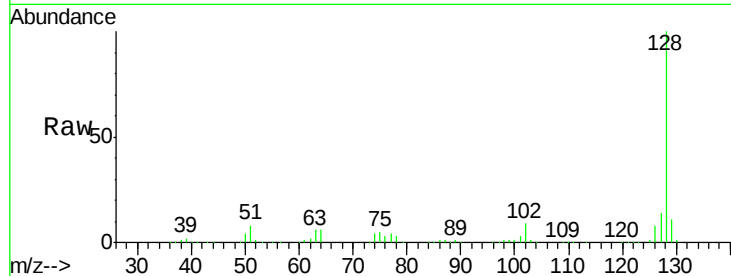
Tot Ion:128 Resp: 767317

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

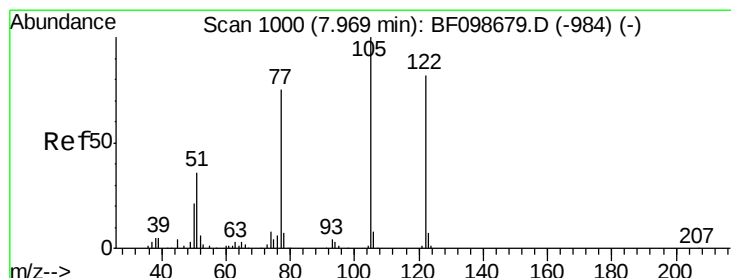
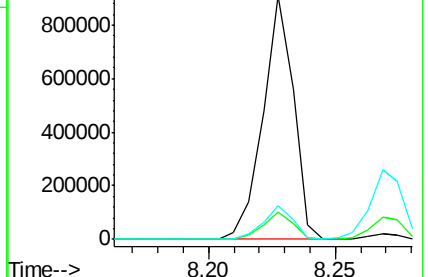
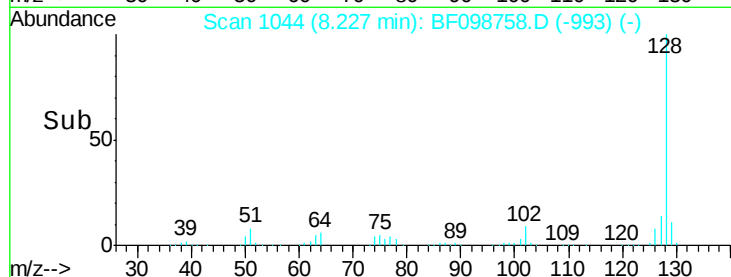
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.38 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.12 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

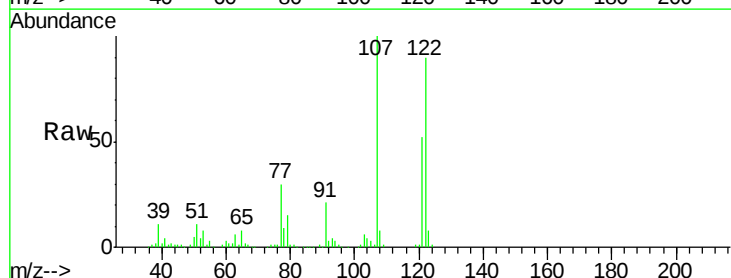
Tgt Ion:122 Resp: 243243

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

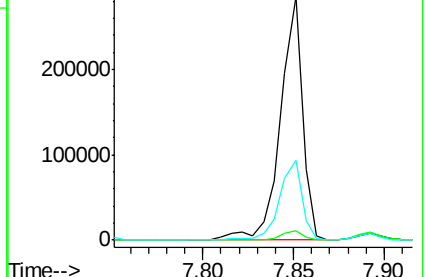
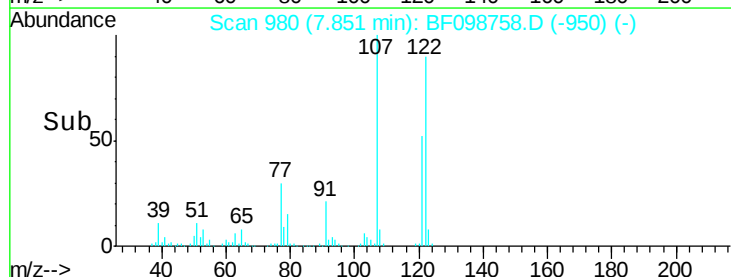
77 33.0 70.7 110.7#

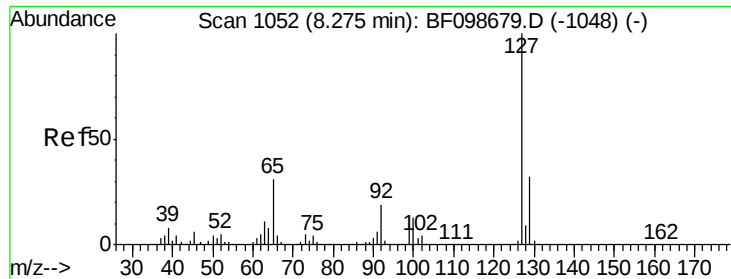


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

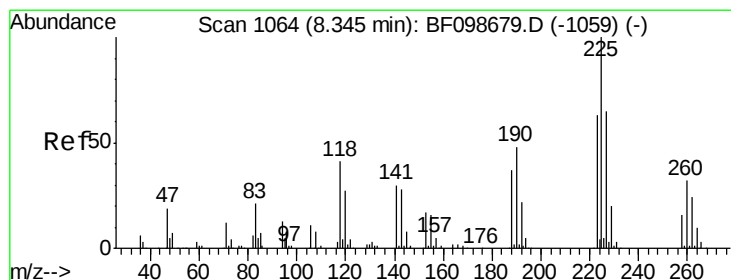
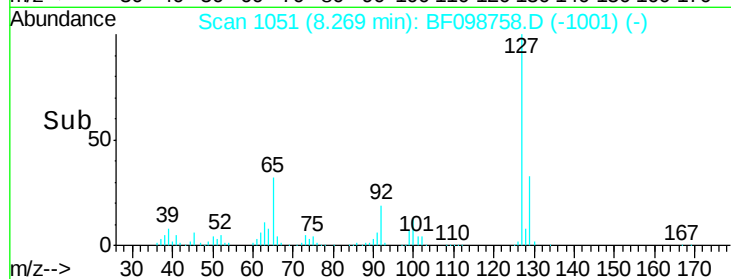
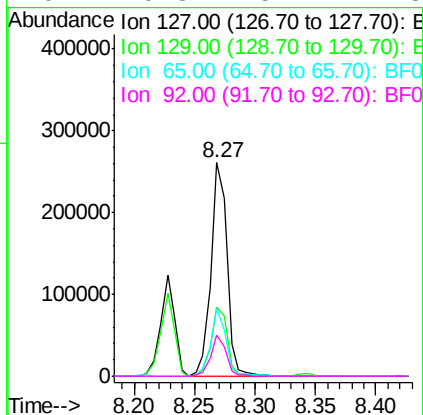
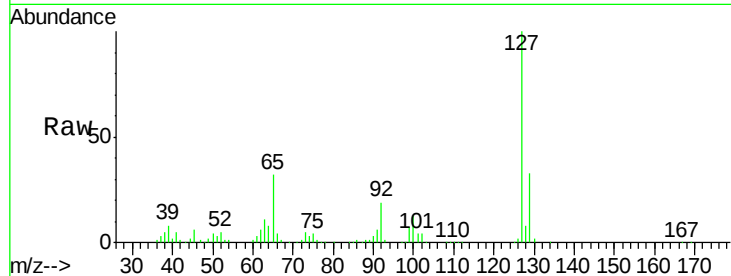




#33
4-Chloroaniline
Concen: 20.06 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

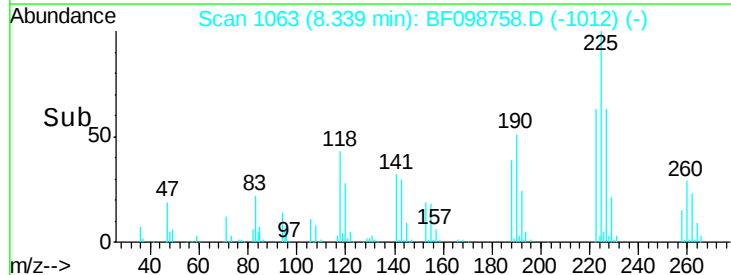
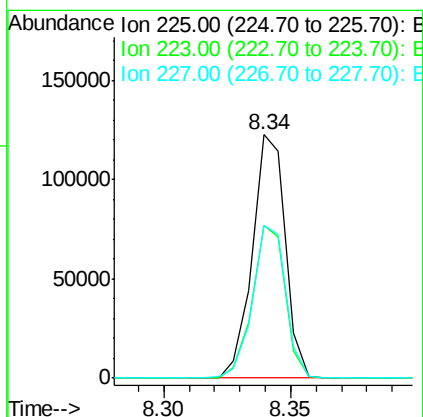
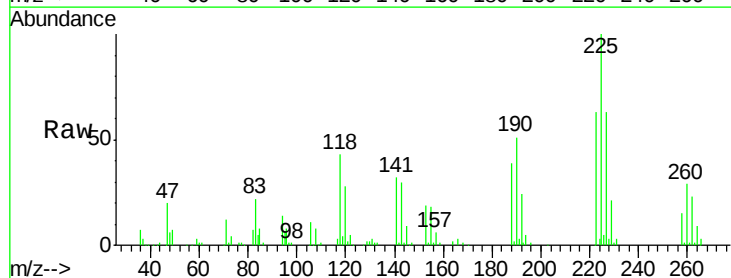
Instrument :
BNA_F
ClientSampleId :

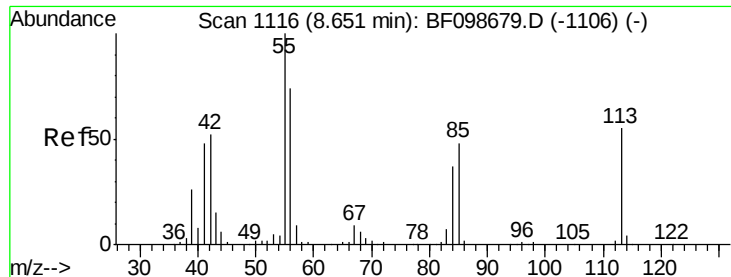
Tot Ion:	127	Resp:	238726
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.7	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 25.71 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:	225	Resp:	110825
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.6	51.9	77.9





#35

Caprolactam

Concen: 21.71 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

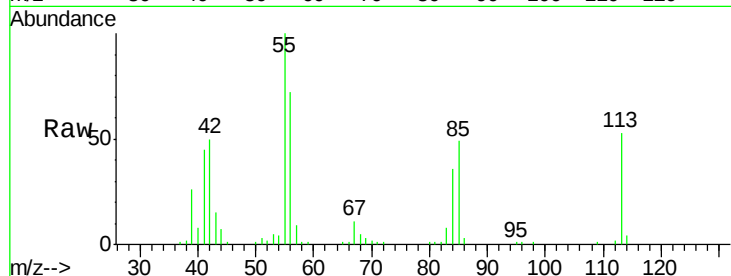
Tot Ion:113 Resp: 58282

Ion Ratio Lower Upper

113 100

55 186.9 163.3 203.3

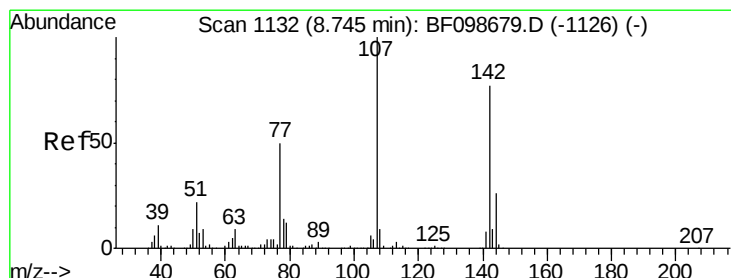
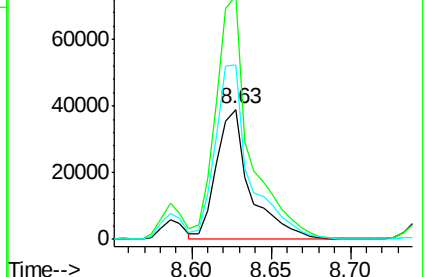
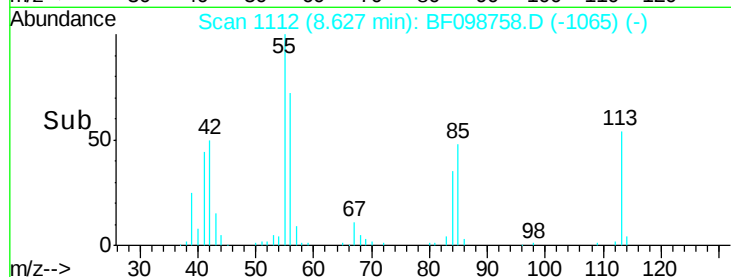
56 134.0 115.7 155.7



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: 24.38 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

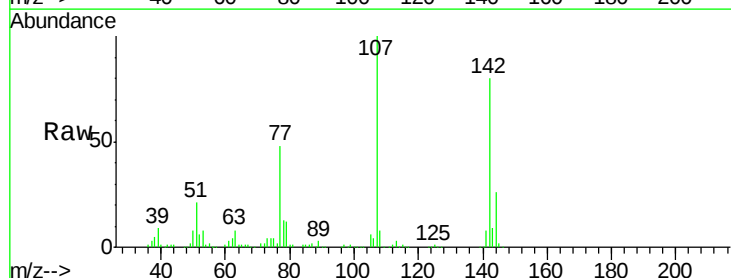
Tgt Ion:107 Resp: 229383

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

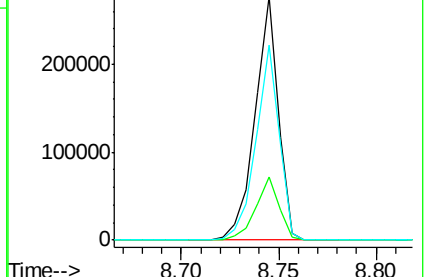
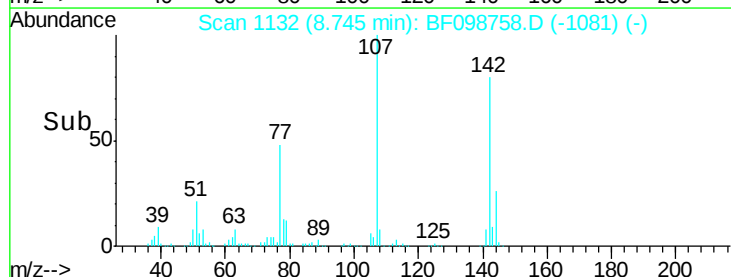
142 80.0 62.0 93.0

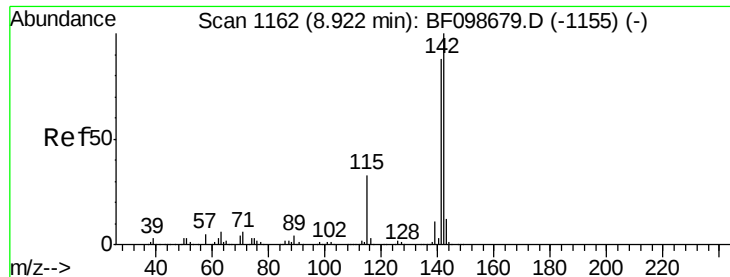


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

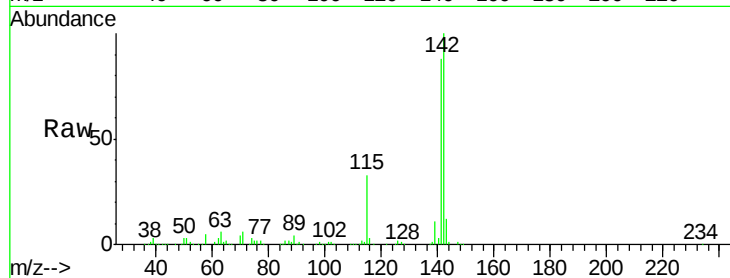




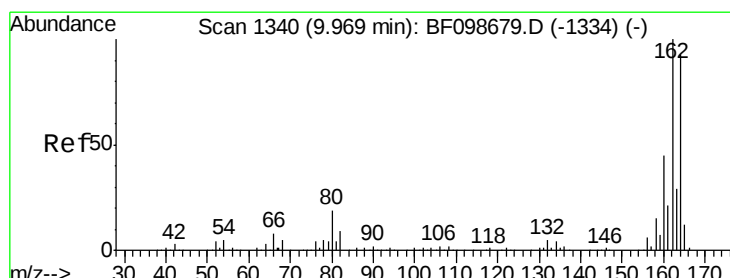
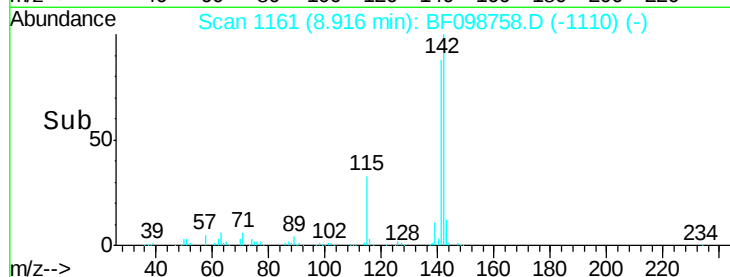
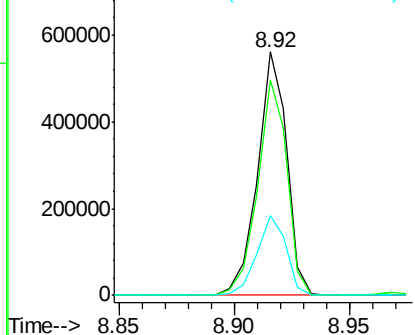
#37
2-Methylnaphthalene
Concen: 26.76 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 495713
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 32.8 26.1 39.1

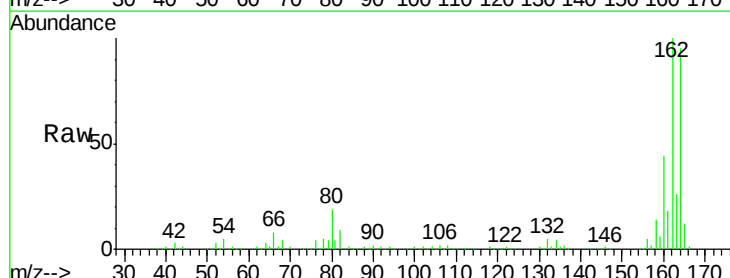


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

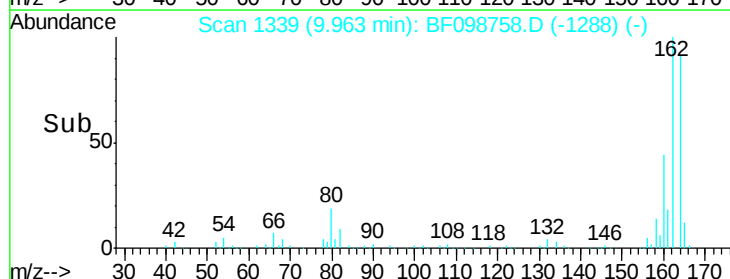
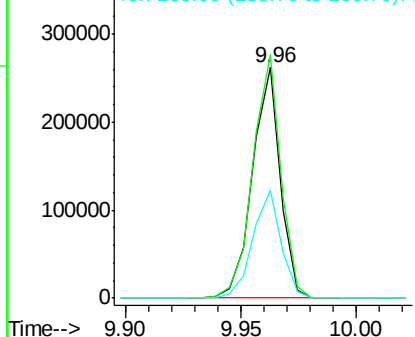


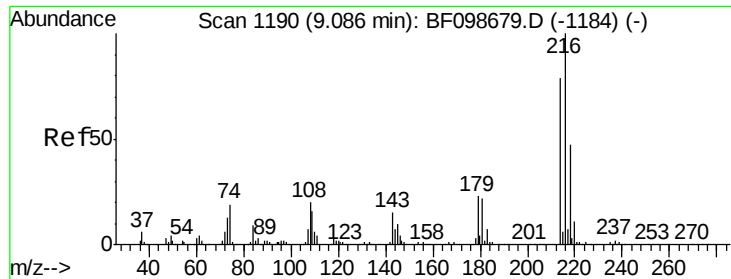
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:164 Resp: 220686
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 46.8 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: 28.32 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 186403

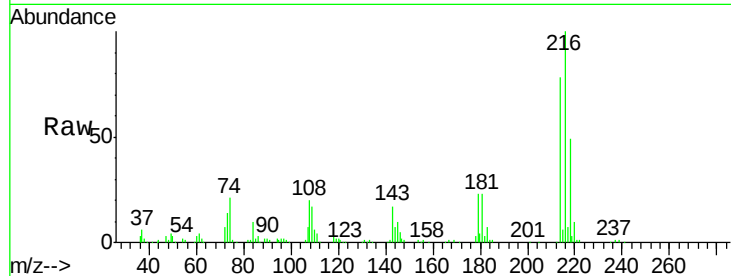
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 22.9 18.1 27.1

108 20.3 17.2 25.8

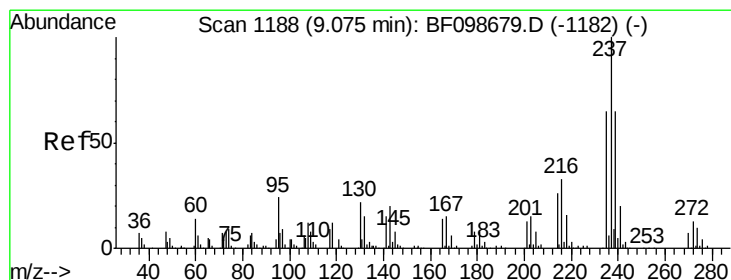
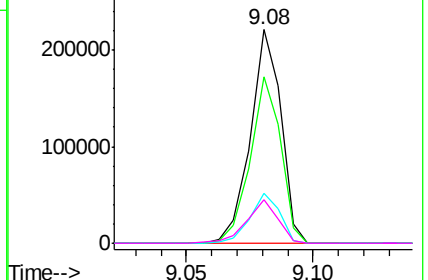
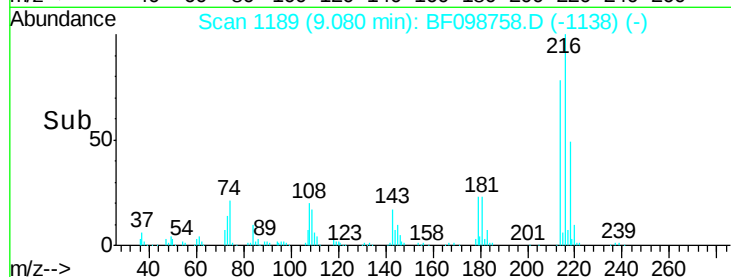


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.73 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

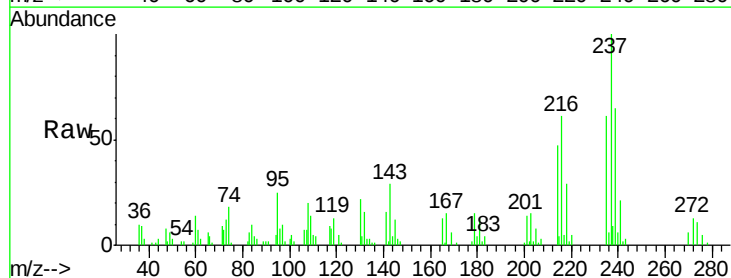
Tgt Ion:237 Resp: 35272

Ion Ratio Lower Upper

237 100

235 60.9 44.8 84.8

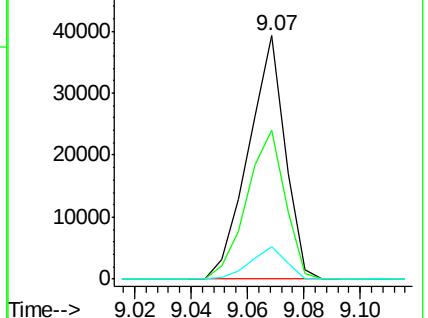
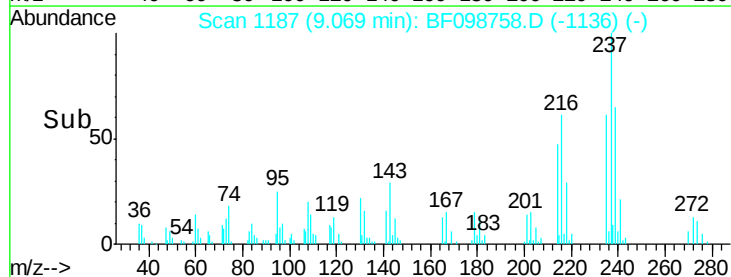
272 13.1 0.0 33.3

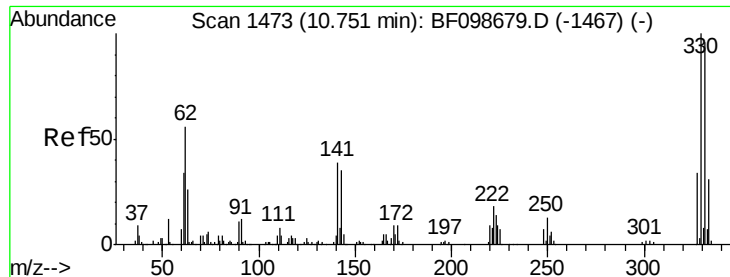


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 75.46 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

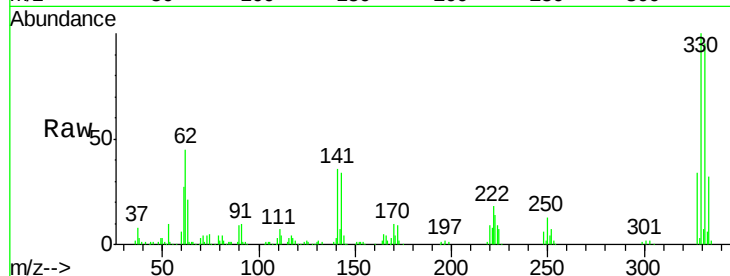
Tot Ion:330 Resp: 136263

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

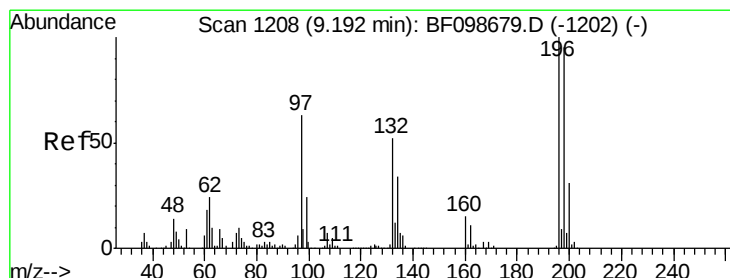
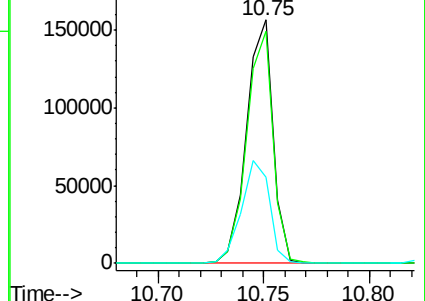
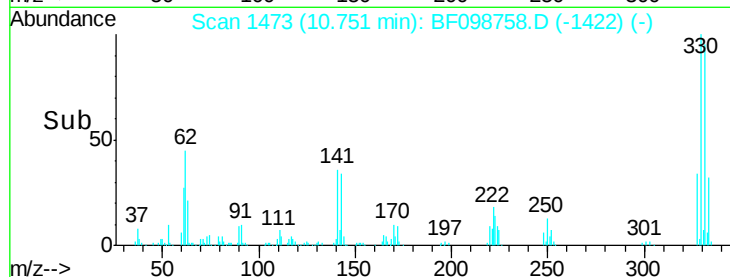
141 44.6 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 28.95 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

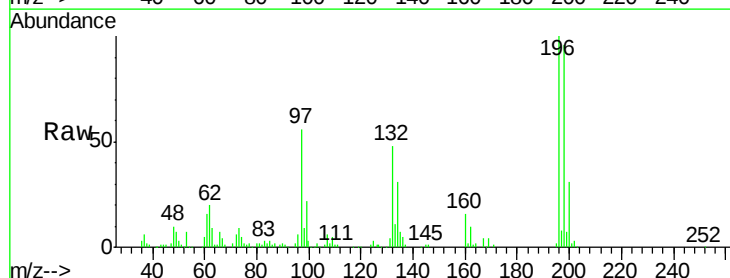
Tgt Ion:196 Resp: 134999

Ion Ratio Lower Upper

196 100

198 96.1 75.7 113.5

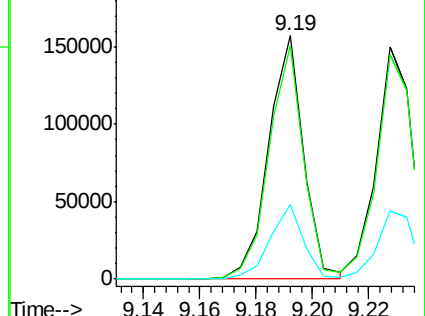
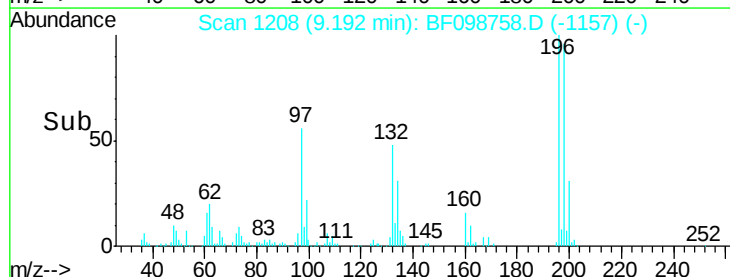
200 30.8 24.5 36.7

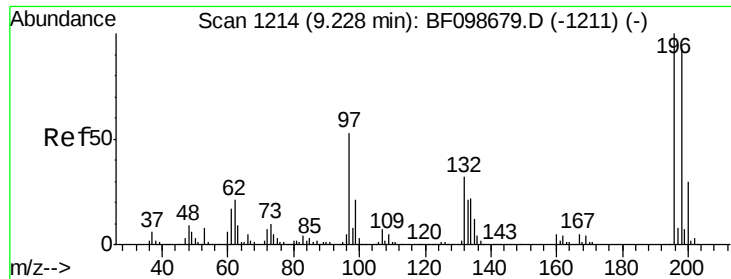


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

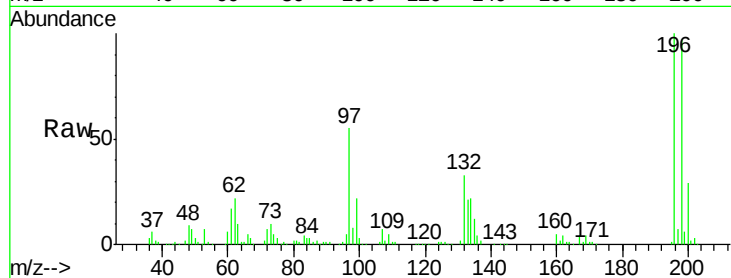




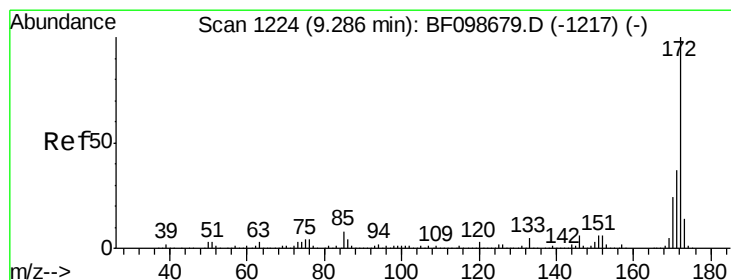
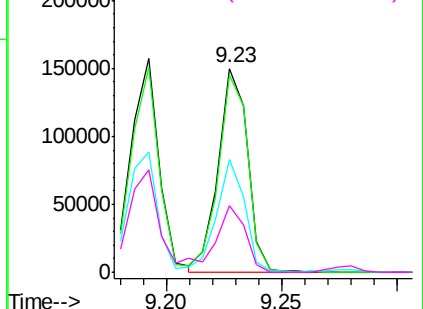
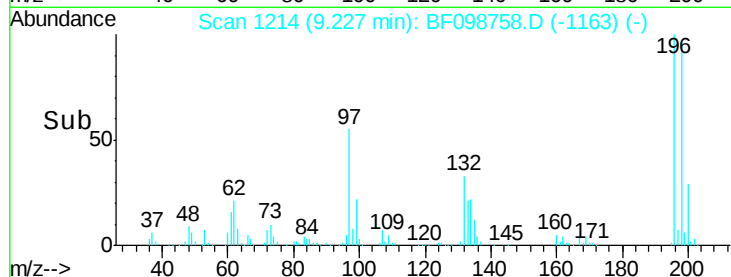
#43
 2,4,5-Trichlorophenol
 Concen: 28.38 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	132078
Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	54.9	42.9	64.3
132	32.8	26.3	39.5

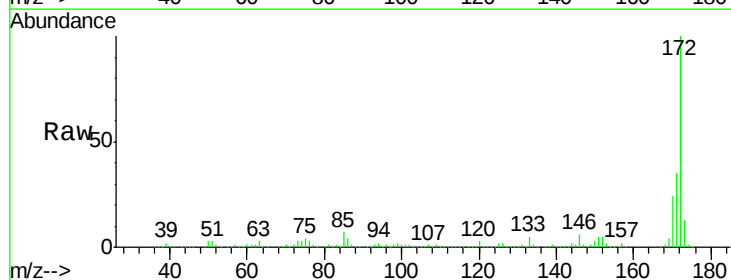


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

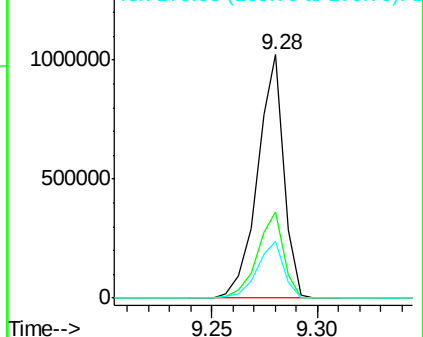
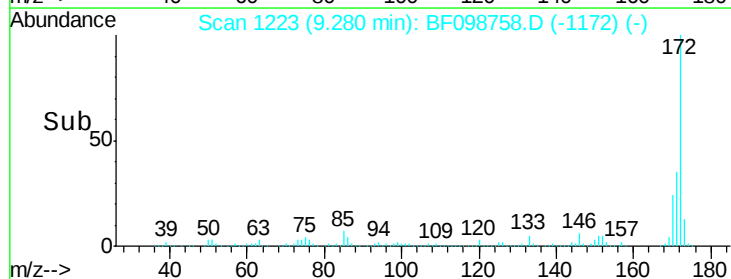


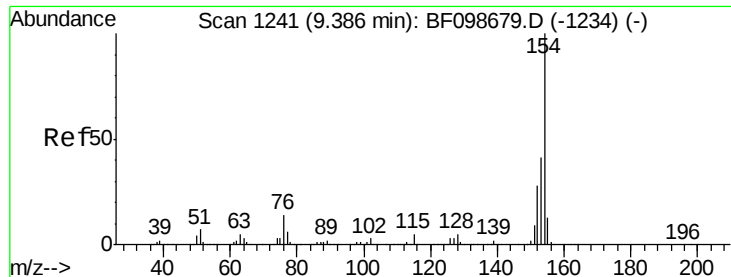
#44
 2-Fluorobiphenyl
 Concen: 66.63 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion:	172	Resp:	880852
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4



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

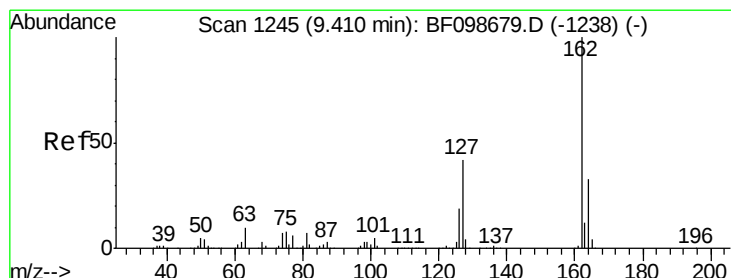
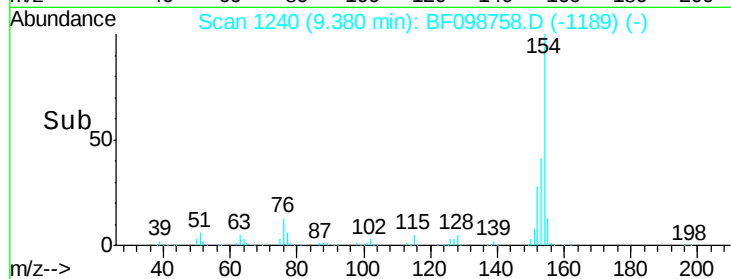
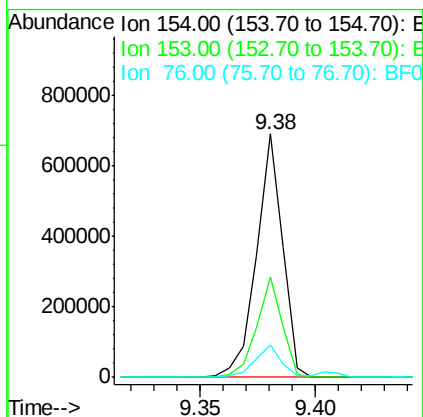
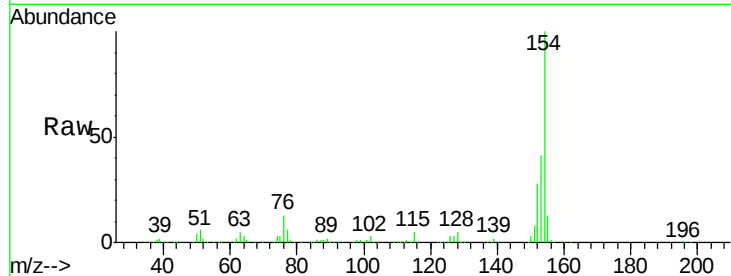




#45
 1,1'-Biphenyl
 Concen: 28.71 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

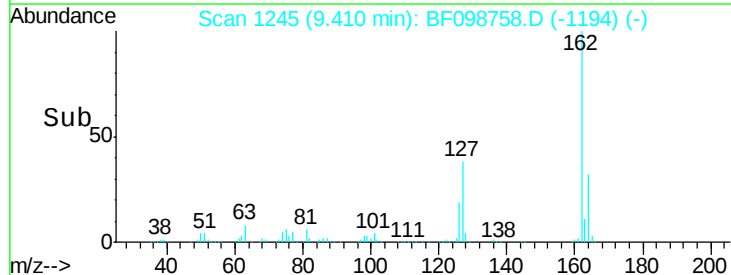
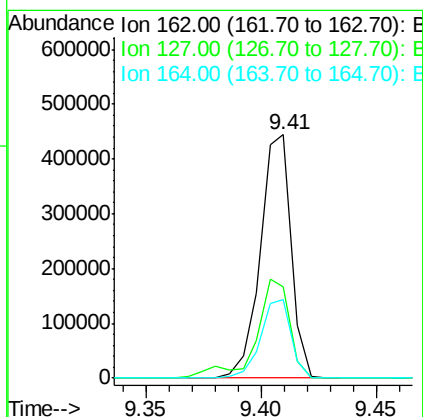
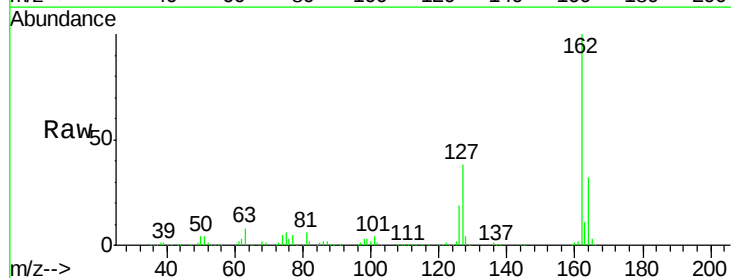
Instrument :
 BNA_F
 ClientSampled :

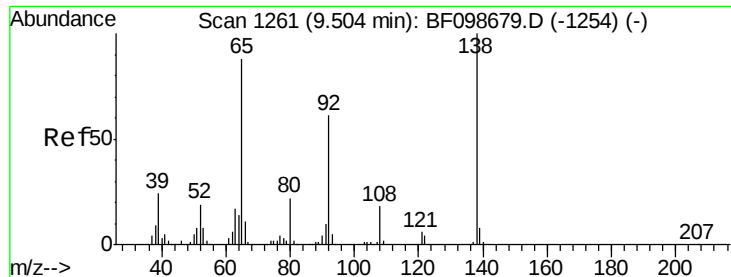
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 29.15 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.9	50.9
164	32.5	26.5	39.7

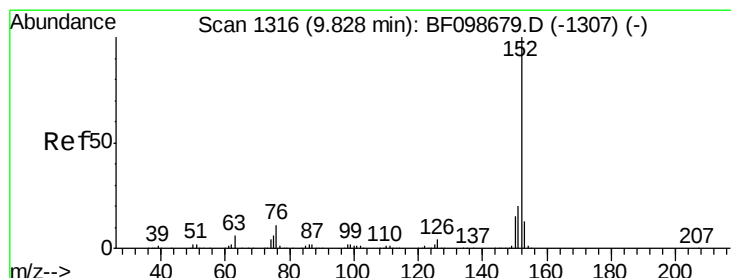
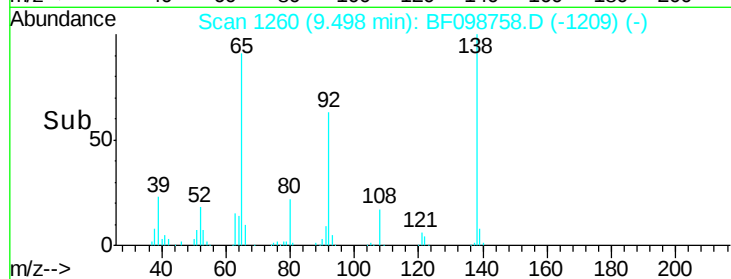
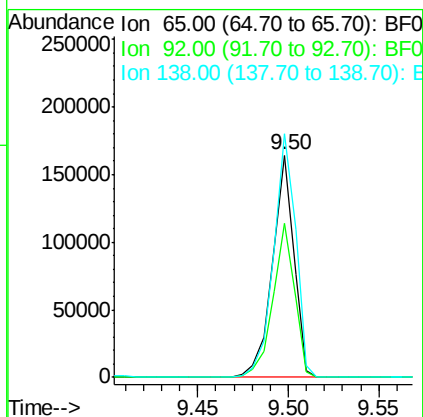
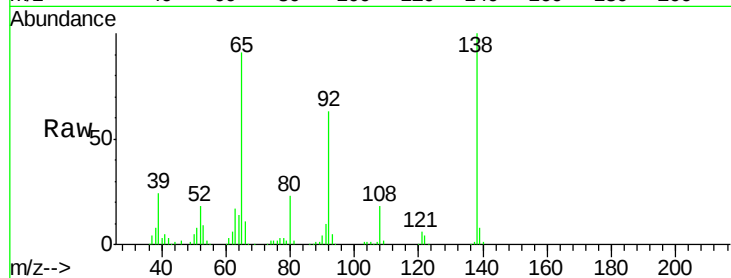




#47
2-Nitroaniline
Concen: 31.07 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

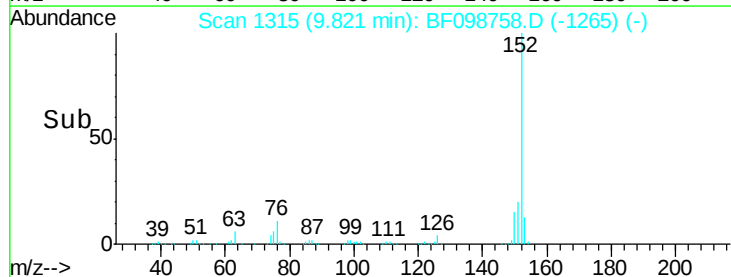
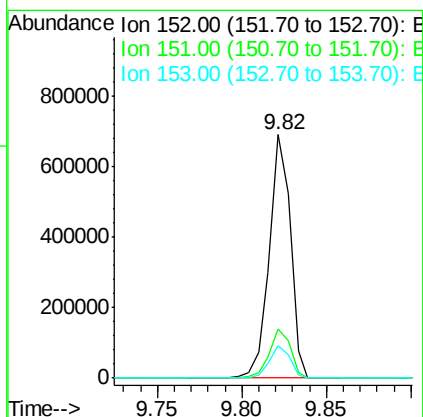
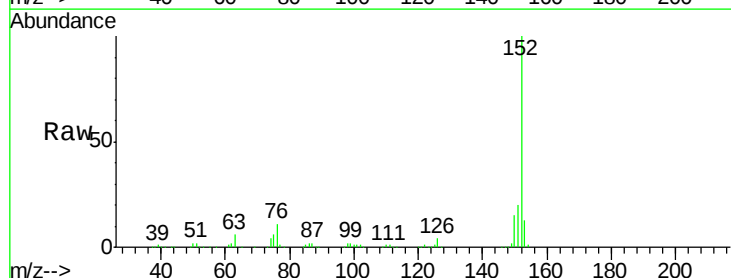
Instrument :
BNA_F
ClientSampleId :

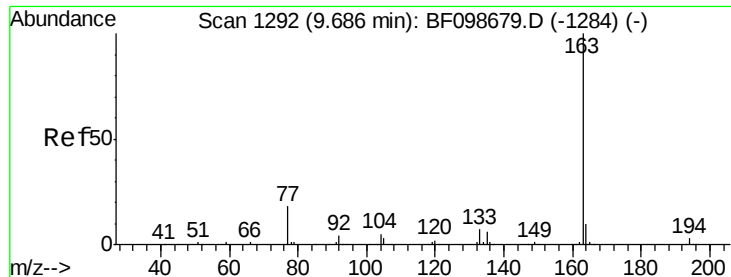
Tot Ion: 65 Resp: 135460
Ion Ratio Lower Upper
65 100
92 69.2 55.8 83.6
138 109.6 91.2 136.8



#48
Acenaphthylene
Concen: 27.31 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion: 152 Resp: 595311
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.7 16.1

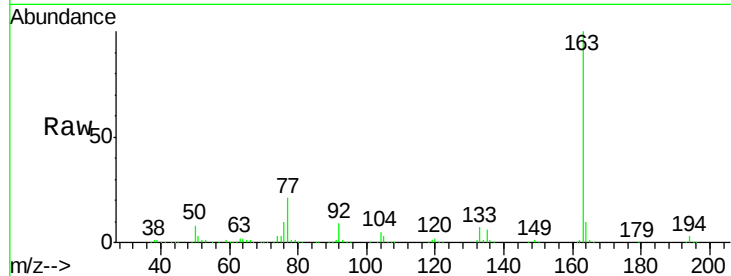




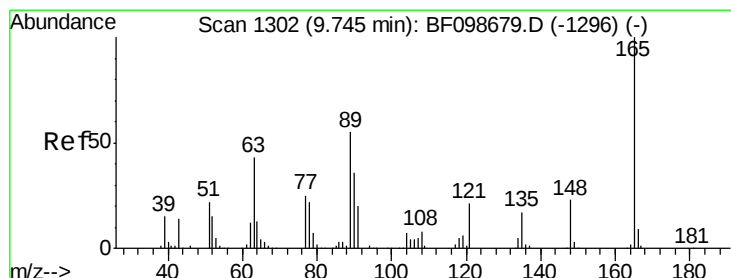
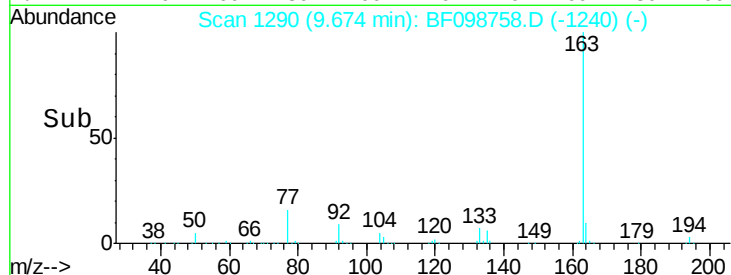
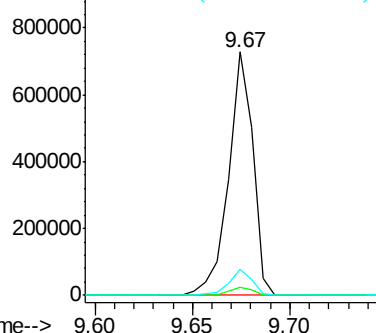
#49
Dimethylphthalate
Concen: 37.78 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 629222
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

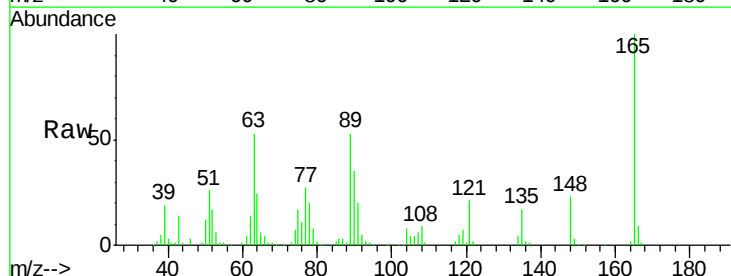


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

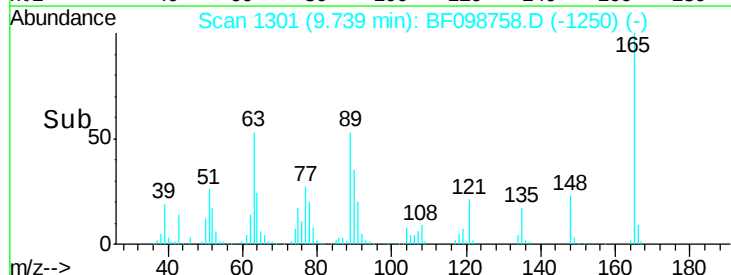
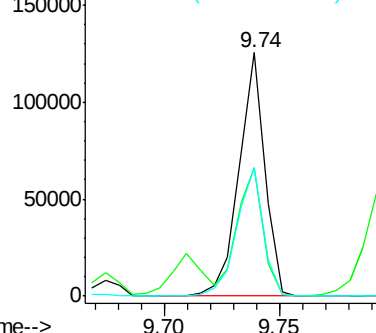


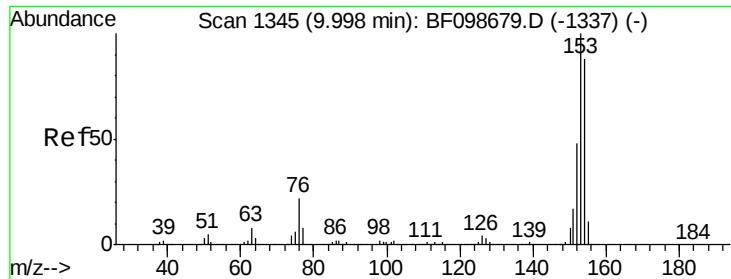
#50
2,6-Dinitrotoluene
Concen: 27.02 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:165 Resp: 97994
Ion Ratio Lower Upper
165 100
63 52.7 44.7 67.1
89 52.7 44.0 66.0



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





#51

Acenaphthene

Concen: 25.43 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

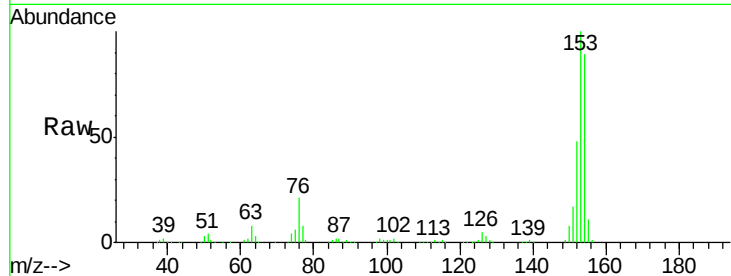
Tot Ion:154 Resp: 351220

Ion Ratio Lower Upper

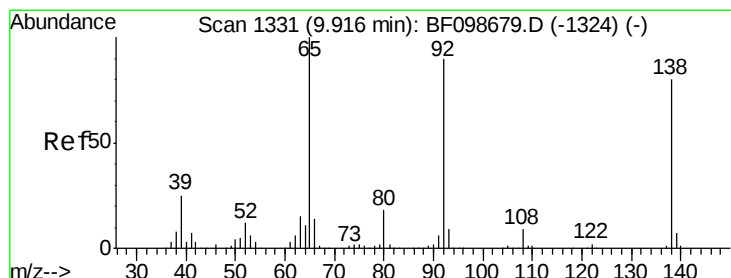
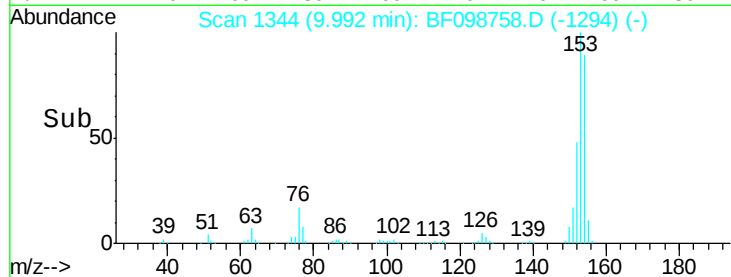
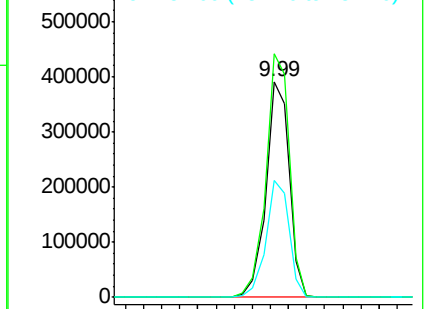
154 100

153 112.9 91.2 136.8

152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.25 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

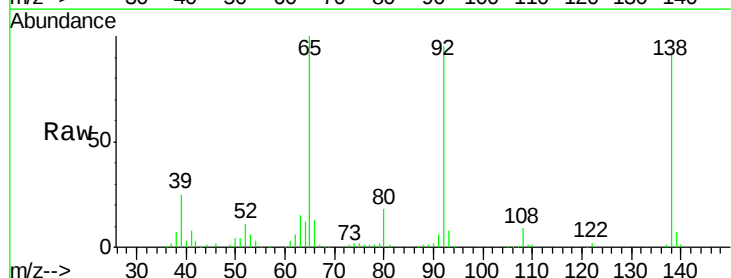
Tgt Ion:138 Resp: 119430

Ion Ratio Lower Upper

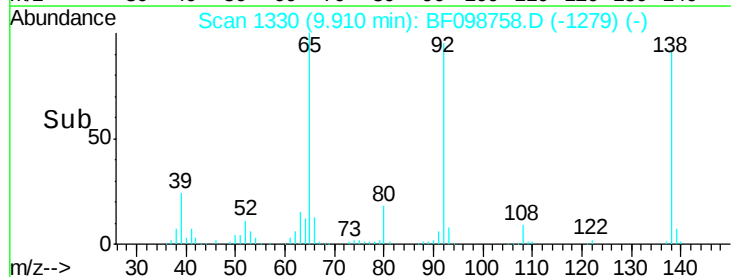
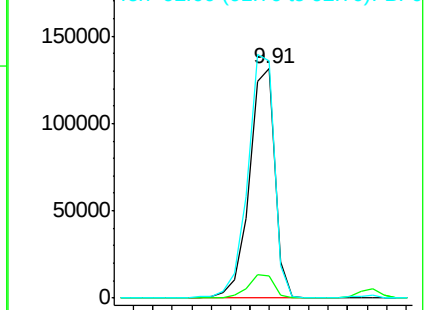
138 100

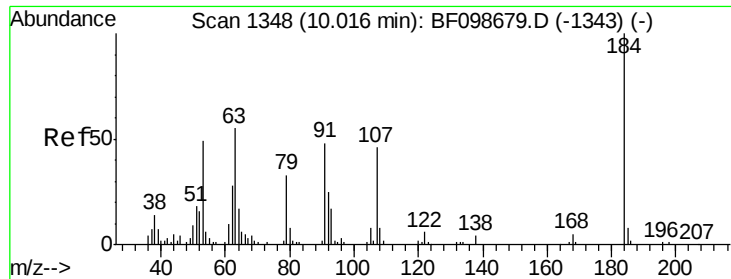
108 9.6 9.4 14.0

92 103.3 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

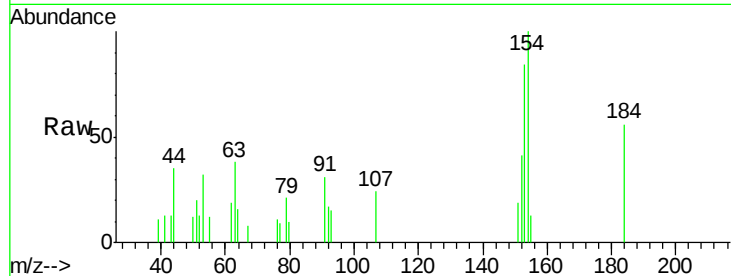




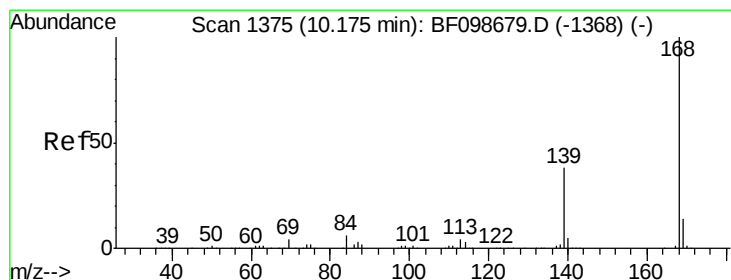
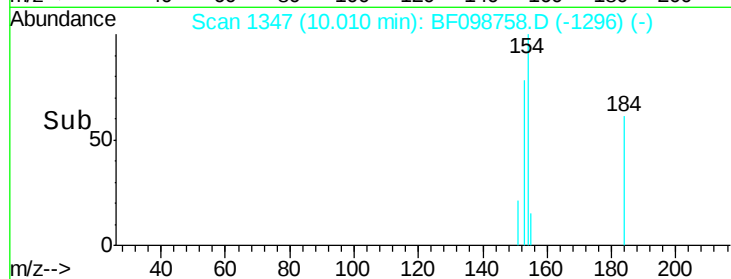
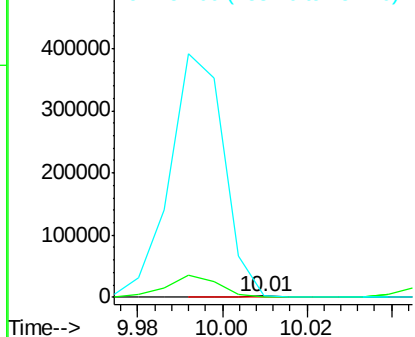
#53
2,4-Dinitrophenol
Concen: 6.56 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 1485
Ion Ratio Lower Upper
184 100
63 68.0 54.2 81.2
154 179.3 53.5 80.3#

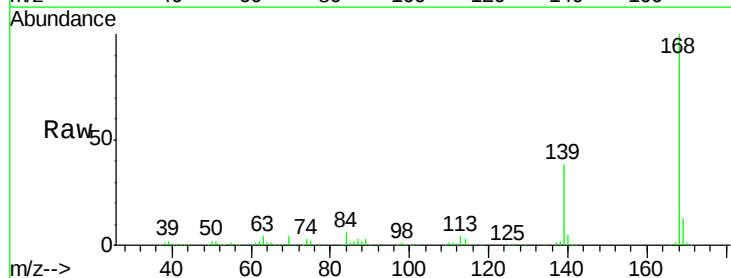


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

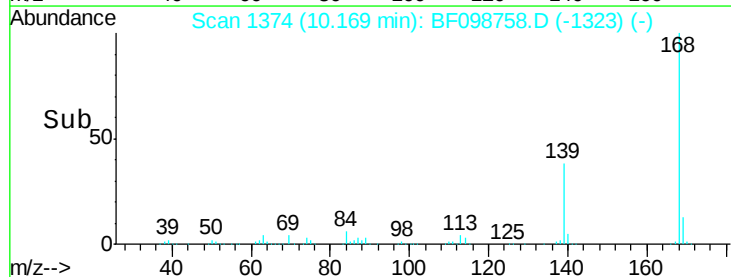
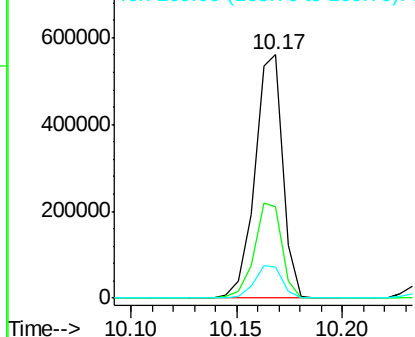


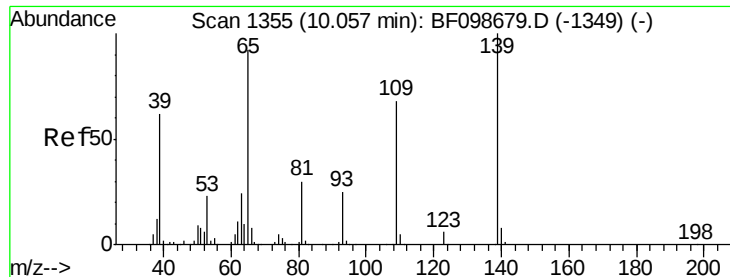
#54
Dibenzofuran
Concen: 28.06 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:168 Resp: 515908
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 12.8 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

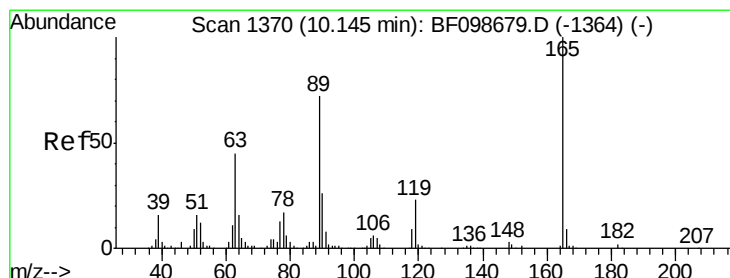
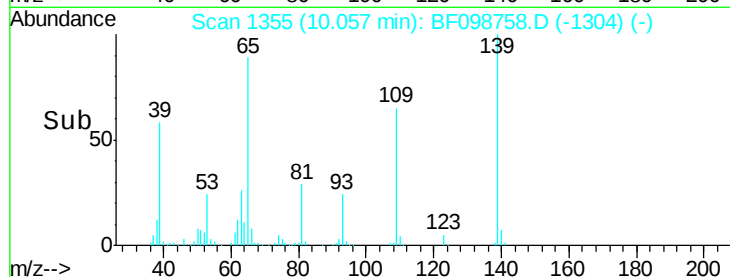
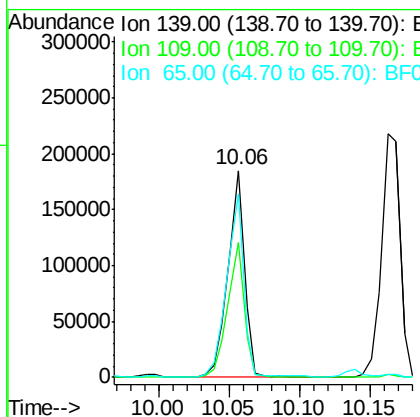
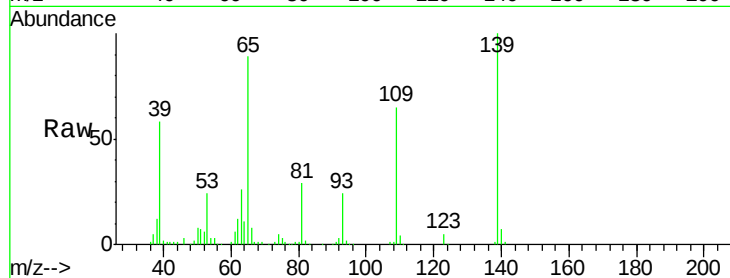




#55
4-Nitrophenol
Concen: 42.99 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

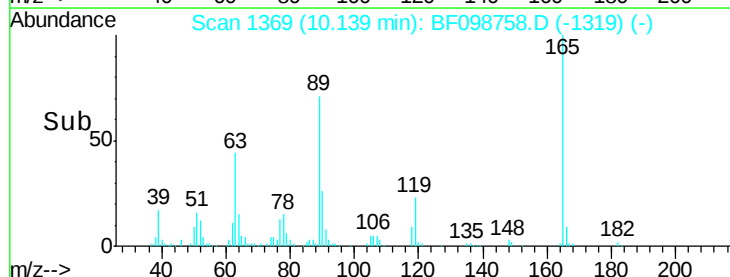
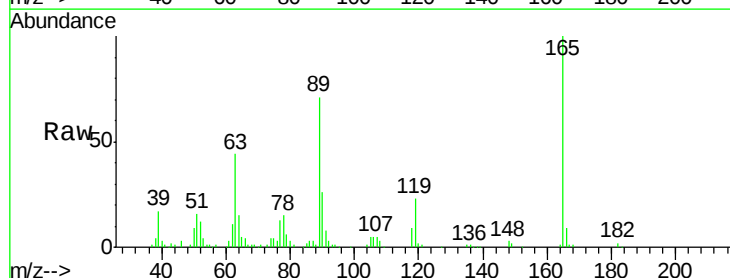
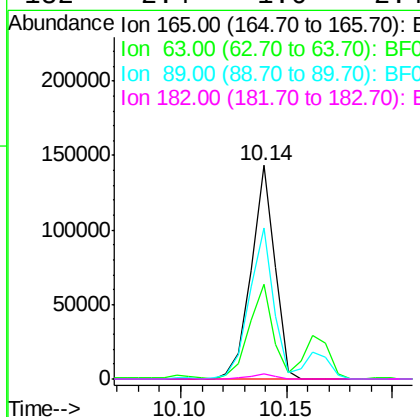
Instrument :
BNA_F
ClientSampled :

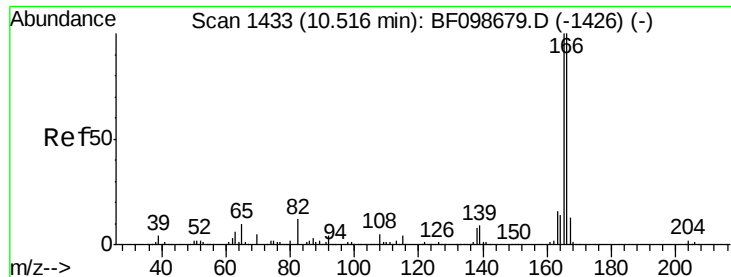
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.3	48.4	88.4
65	88.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 23.82 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	36.4	54.6
89	70.5	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 25.76 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

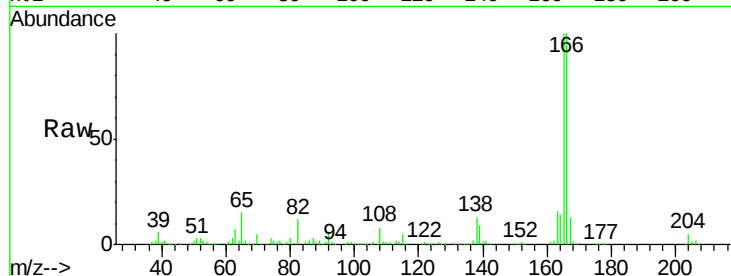
Tot Ion:166 Resp: 380727

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

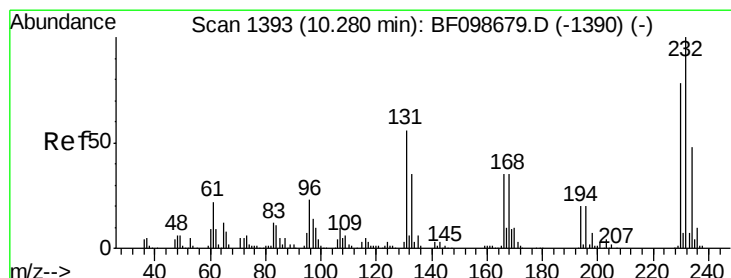
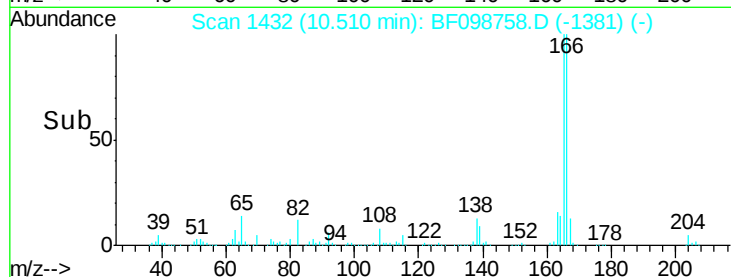
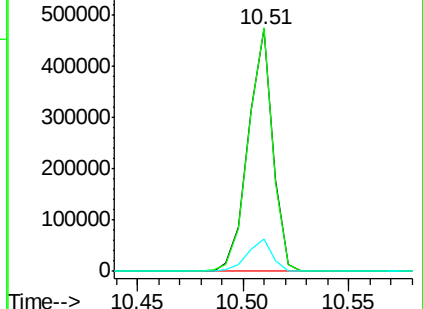
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.44 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Tgt Ion:232 Resp: 85023

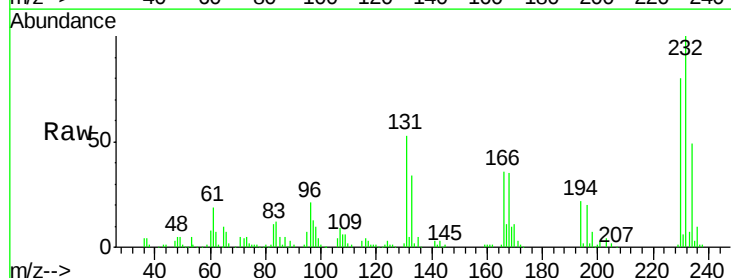
Ion Ratio Lower Upper

232 100

131 57.6 43.8 65.8

130 2.5 2.1 3.1

166 36.7 27.8 41.6

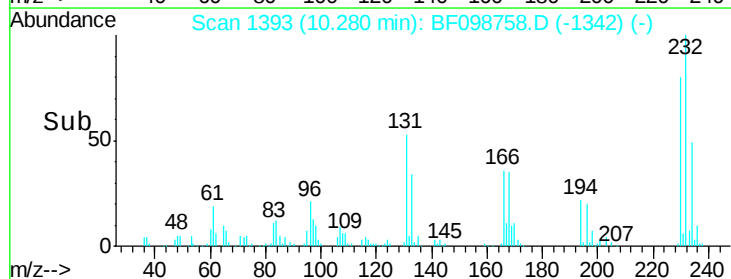
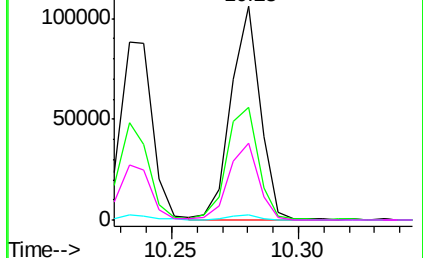


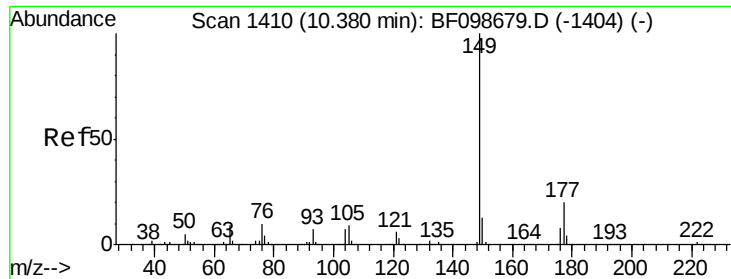
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

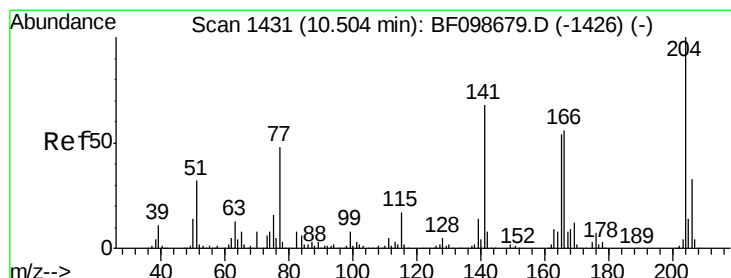
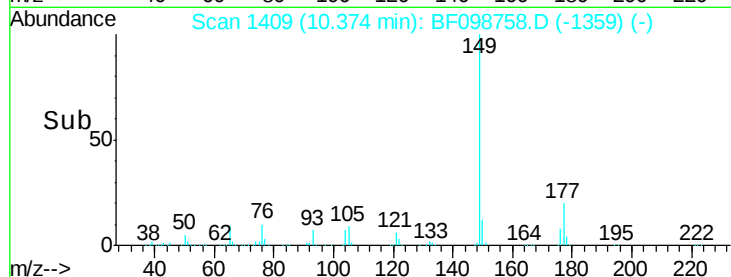
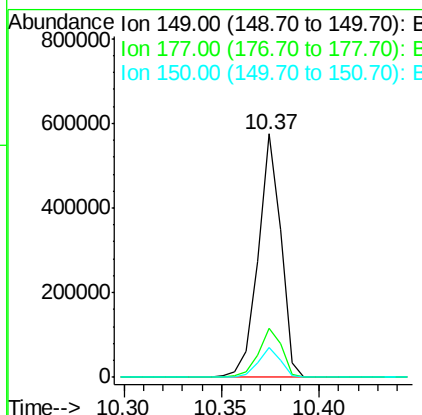
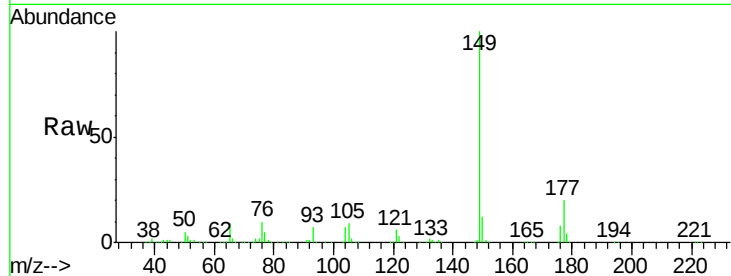




#59
Diethylphthalate
Concen: 28.46 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

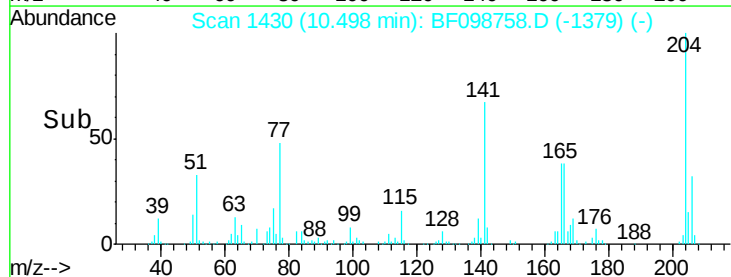
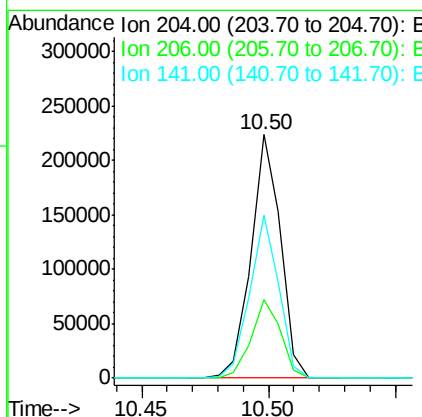
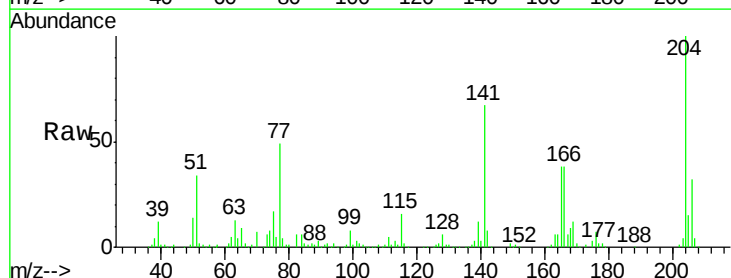
Instrument :
BNA_F
ClientSampled :

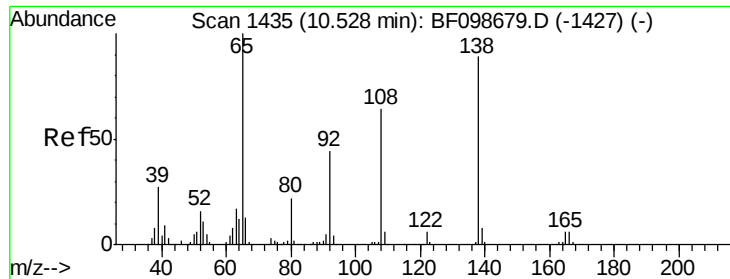
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.15 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.0	54.6	81.8

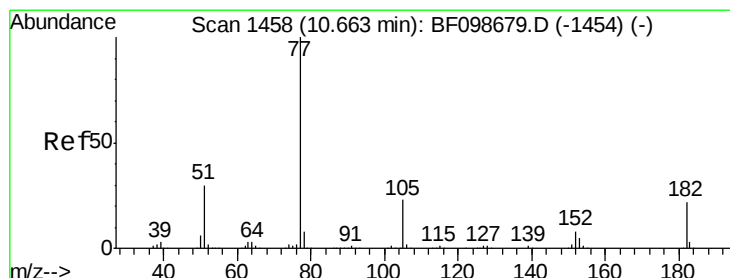
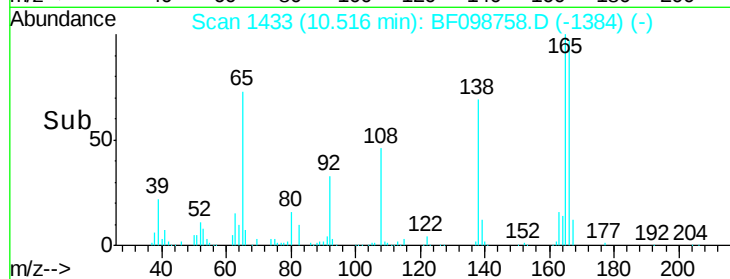
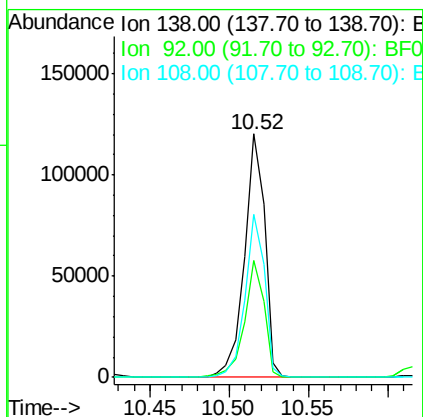
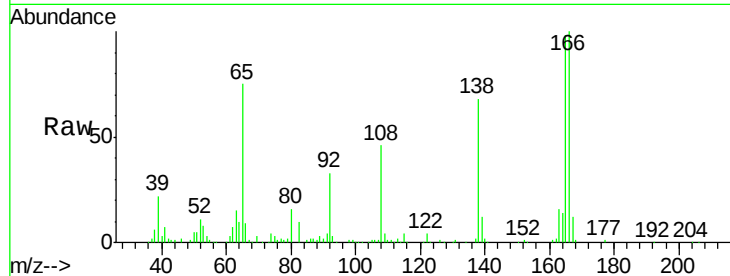




#61
4-Nitroaniline
Concen: 26.21 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

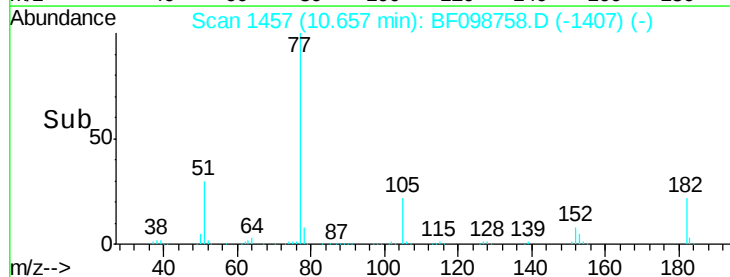
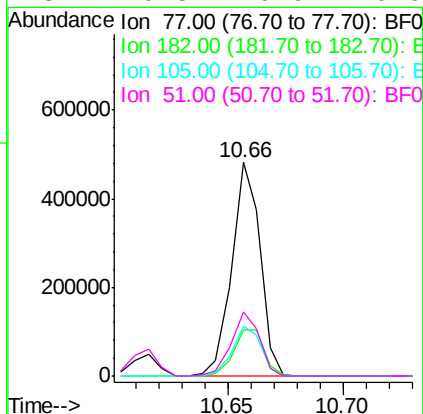
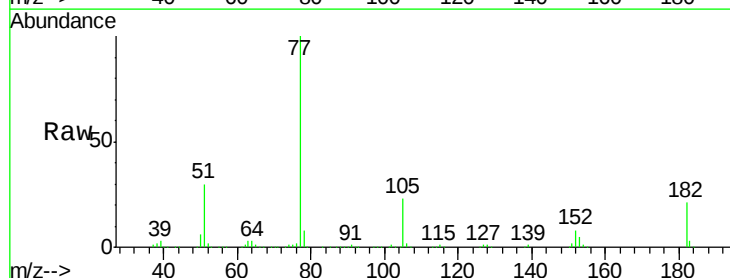
Instrument :
BNA_F
ClientSampleId :

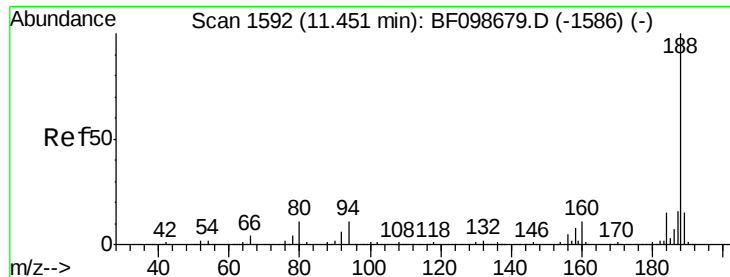
Tot Ion:138 Resp: 106907
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 27.43 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion: 77 Resp: 410478
Ion Ratio Lower Upper
77 100
182 21.4 1.7 41.7
105 23.3 3.0 43.0
51 29.8 9.9 49.9

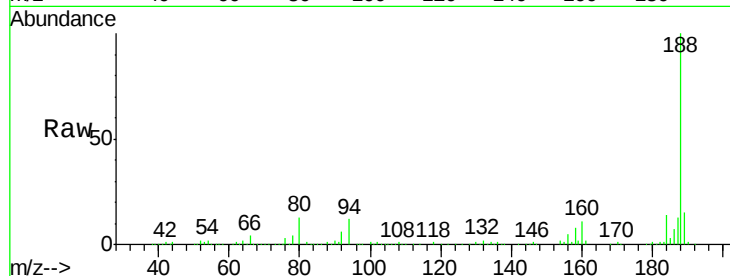




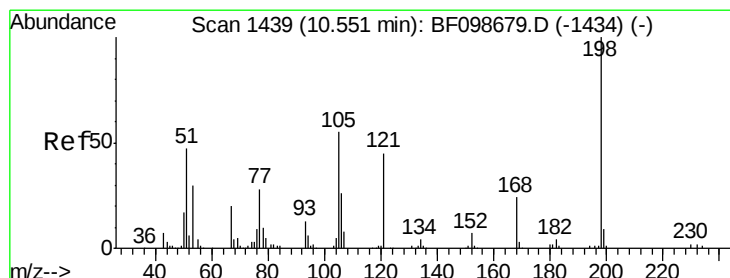
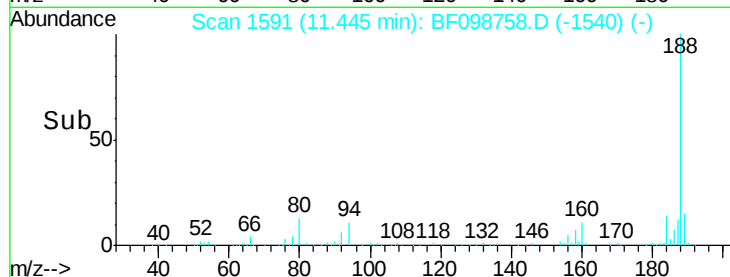
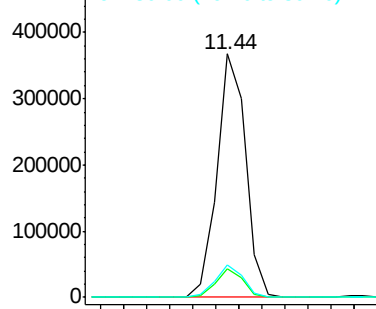
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 319093
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.5 9.2 13.8

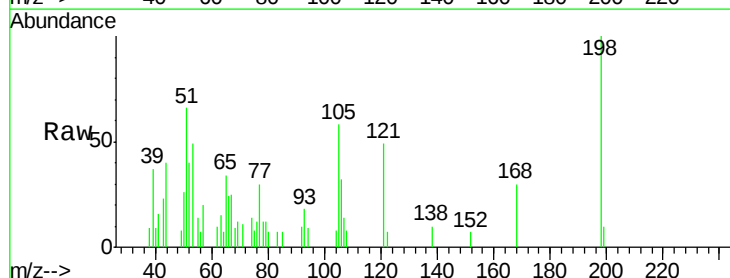


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

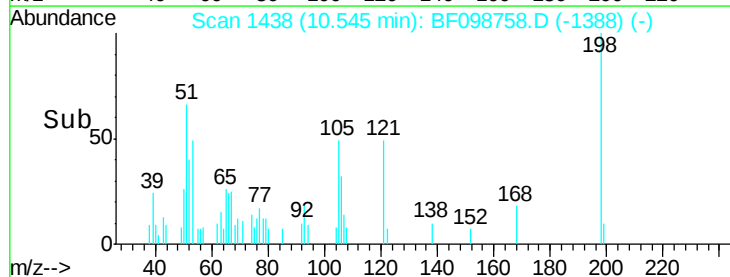
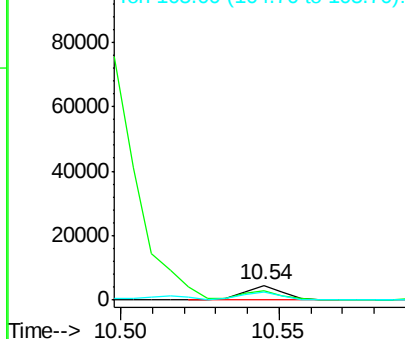


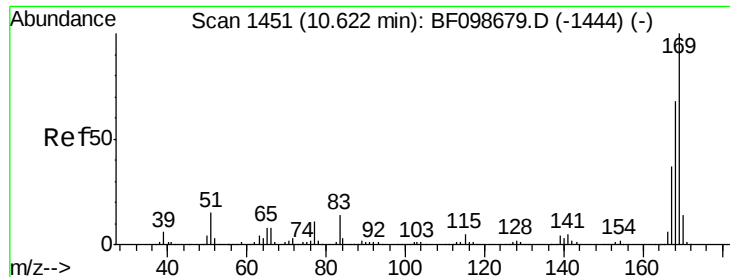
#64
4,6-Dinitro-2-methylphenol
Concen: 1.95 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:198 Resp: 3781
Ion Ratio Lower Upper
198 100
51 66.2 37.7 77.7
105 57.6 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

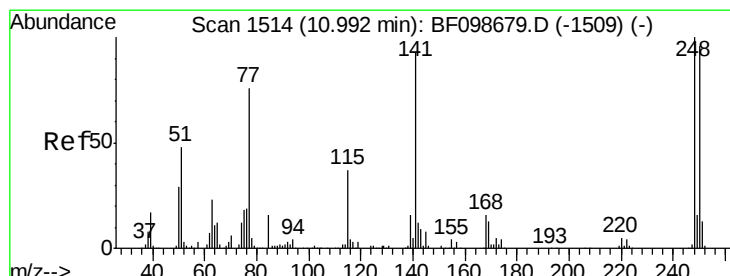
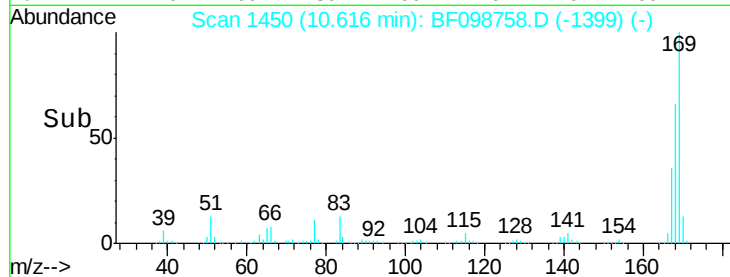
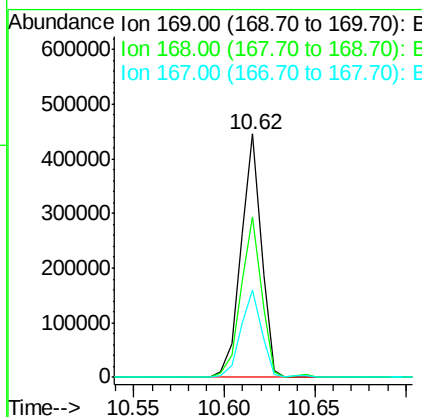
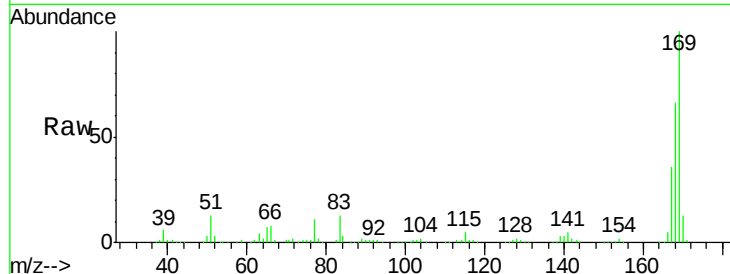




#65
 n-Nitrosodiphenylamine
 Concen: 31.39 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

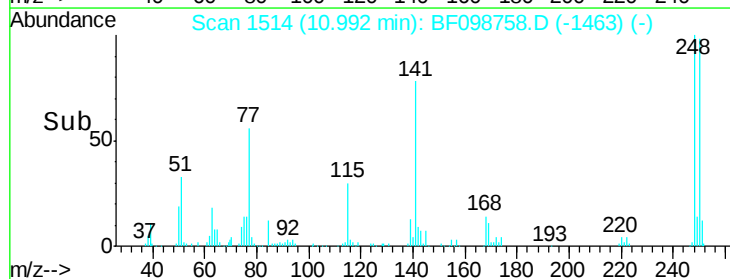
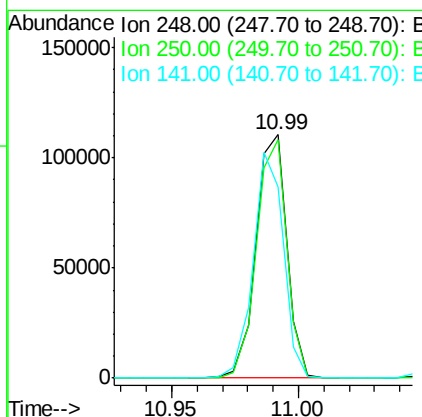
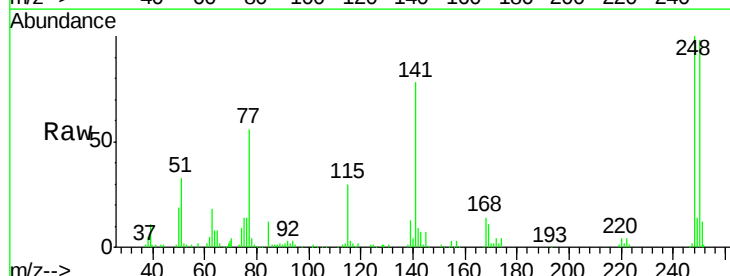
Instrument :
 BNA_F
 ClientSampled :

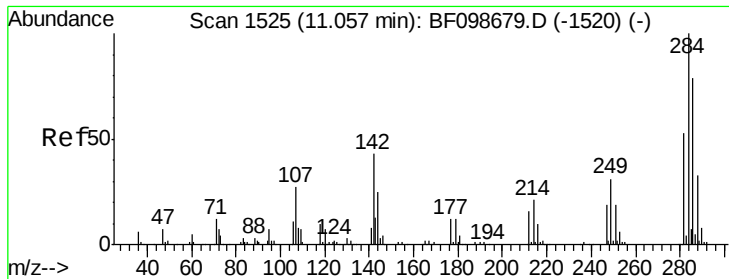
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	36.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 30.26 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	78.4	74.4	111.6

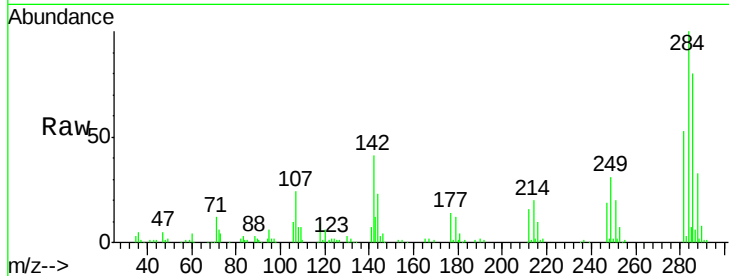




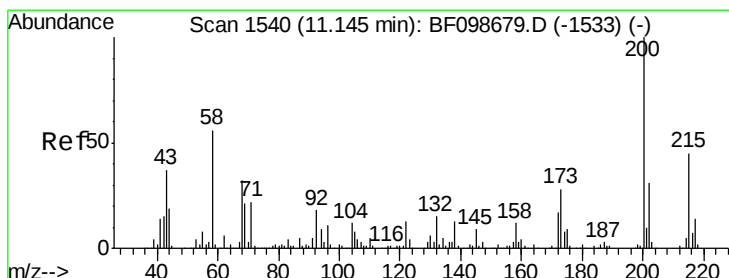
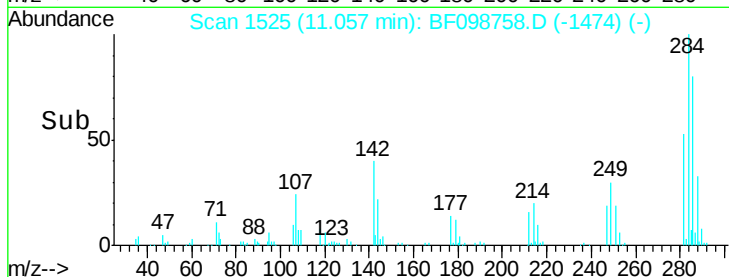
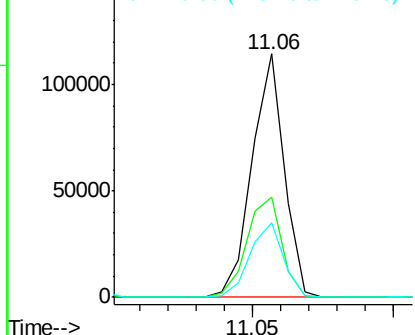
#67
Hexachlorobenzene
Concen: 27.05 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	34.6	52.0
249	30.9	24.8	37.2

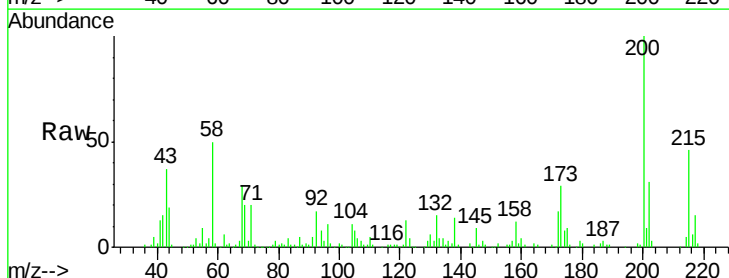


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

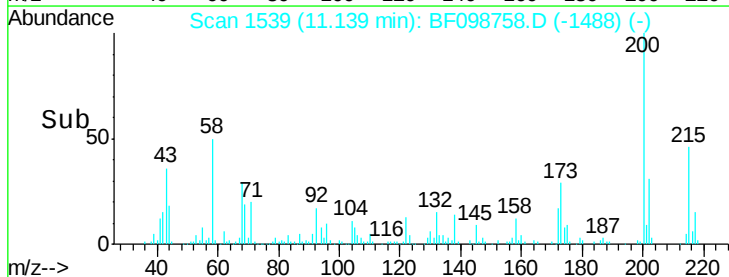
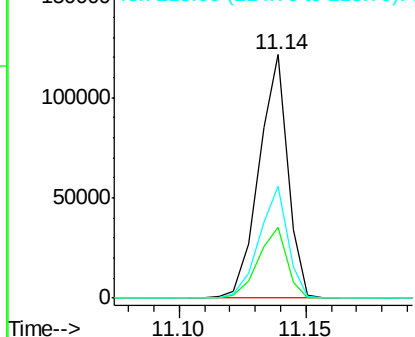


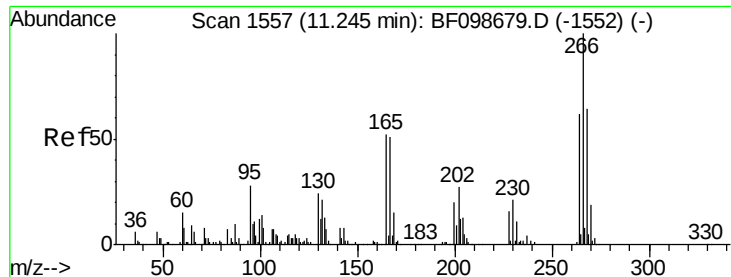
#68
Atrazine
Concen: 28.93 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	45.8	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: 46.42 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampled :

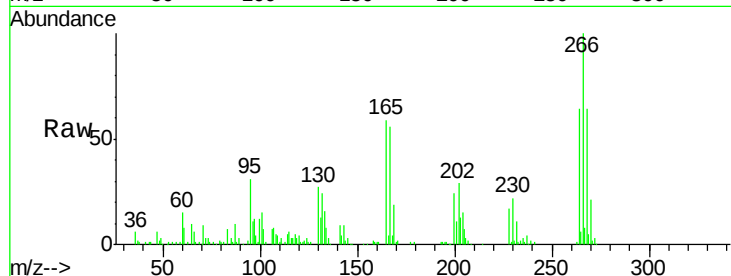
Tot Ion:266 Resp: 96374

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

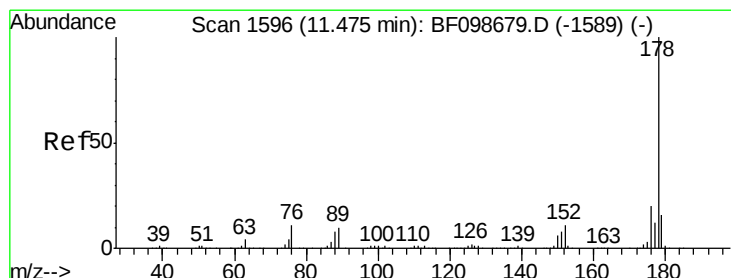
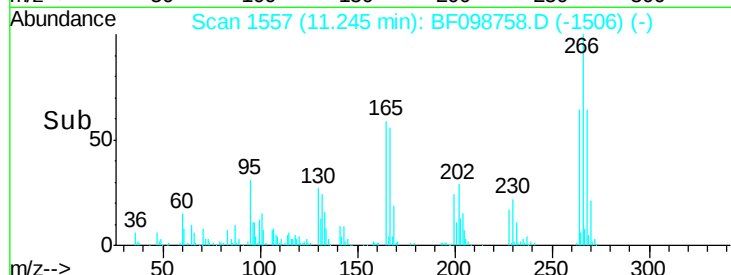
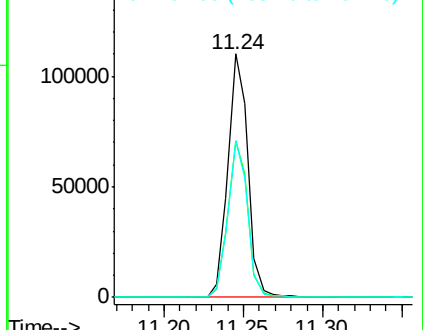
264 64.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 29.43 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

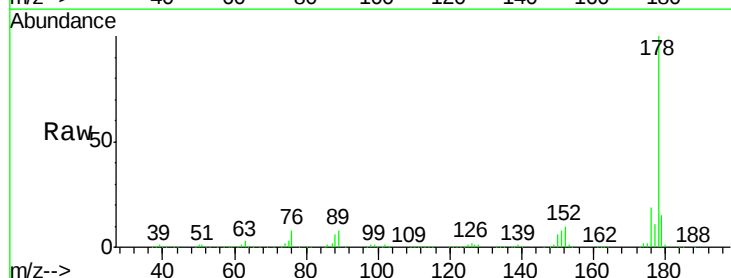
Tgt Ion:178 Resp: 502755

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

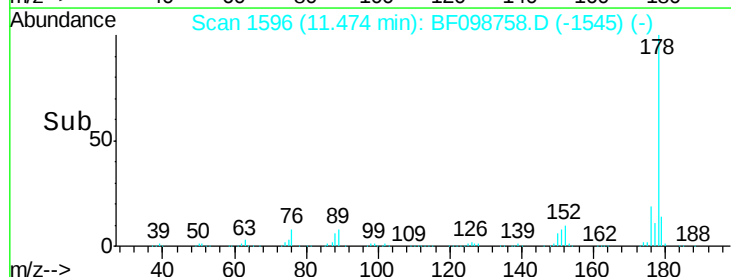
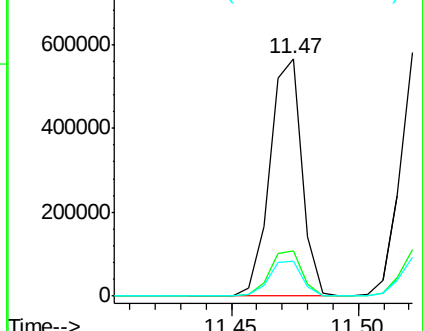
179 14.9 13.0 19.6

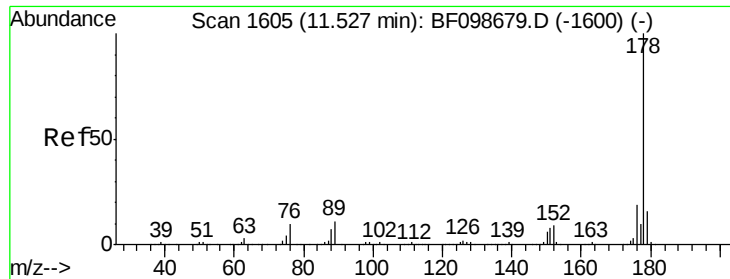


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

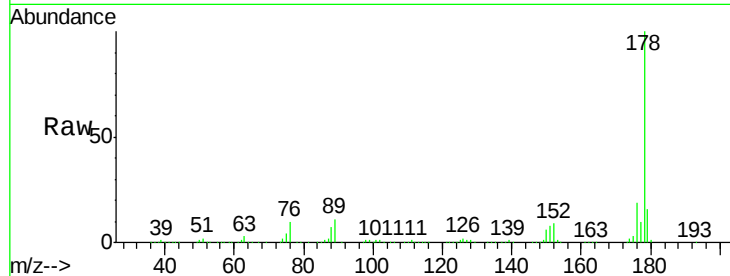




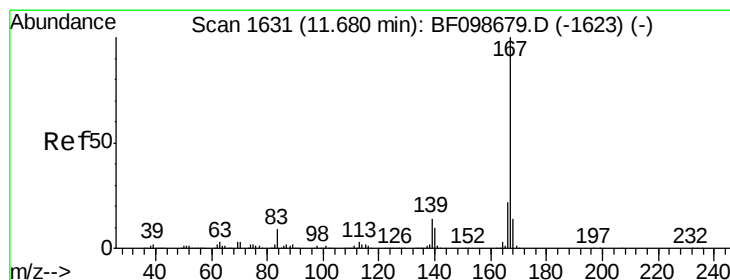
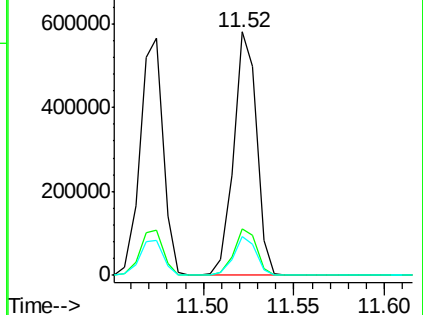
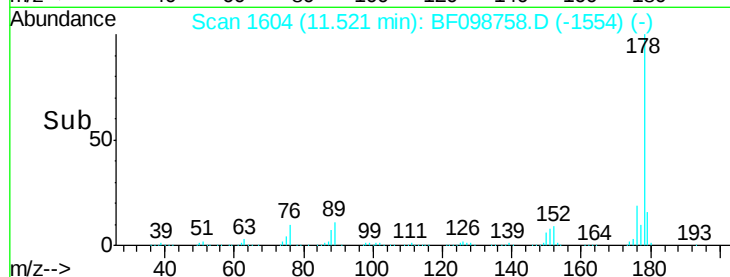
#71
 Anthracene
 Concen: 29.28 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 511673
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

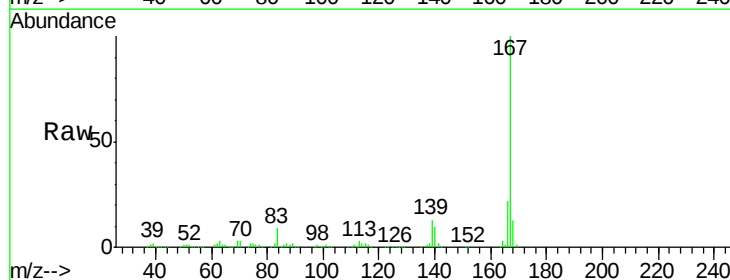


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

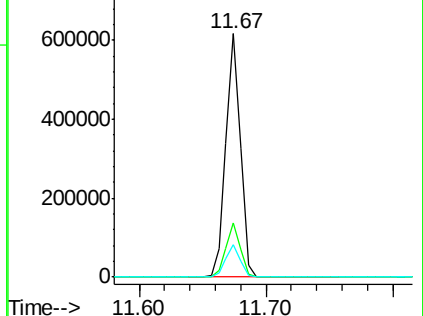
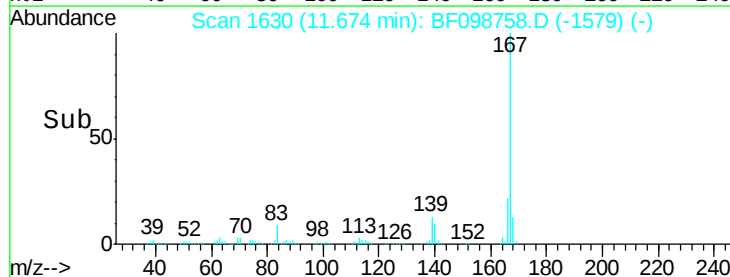


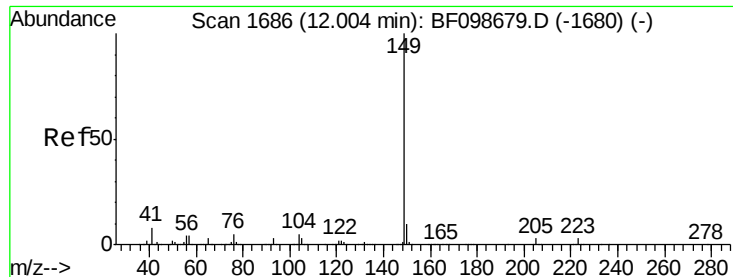
#72
 Carbazole
 Concen: 28.81 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion:167 Resp: 493112
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3



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

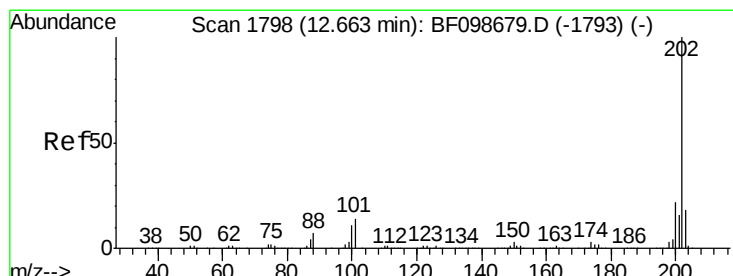
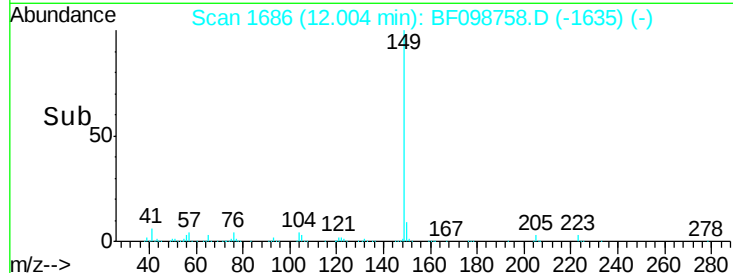
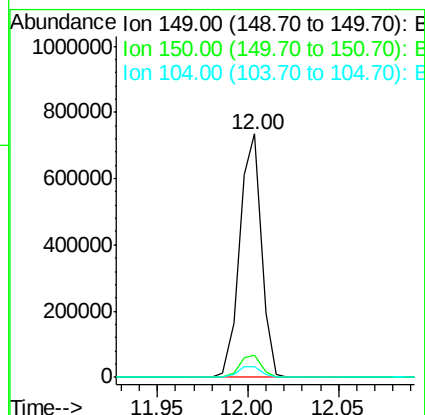
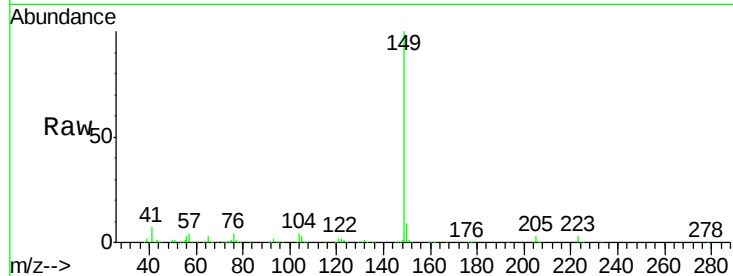




#73
Di-n-butylphthalate
Concen: 29.62 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

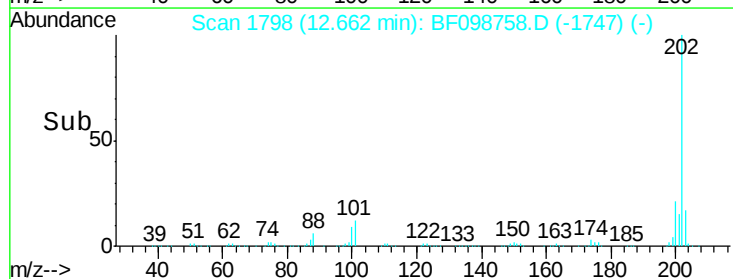
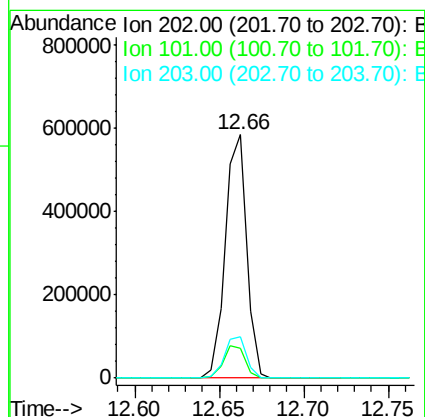
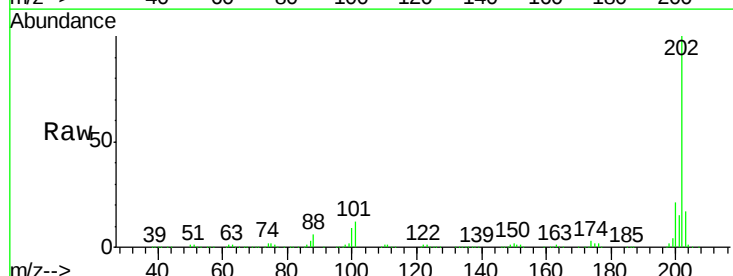
Instrument :
BNA_F
ClientSampleId :

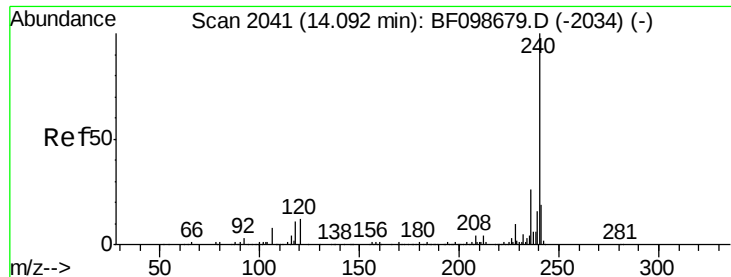
Tot Ion:149 Resp: 610161
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 29.78 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:202 Resp: 515141
Ion Ratio Lower Upper
202 100
101 12.1 0.0 34.1
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

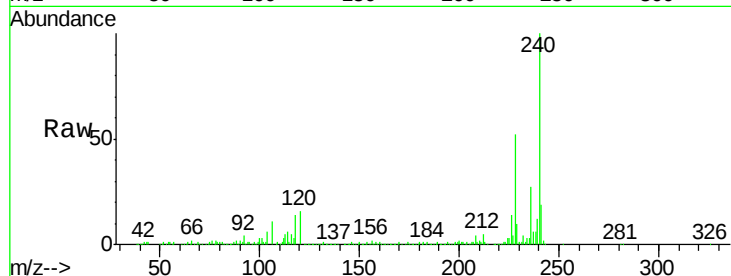
Tot Ion:240 Resp: 294686

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

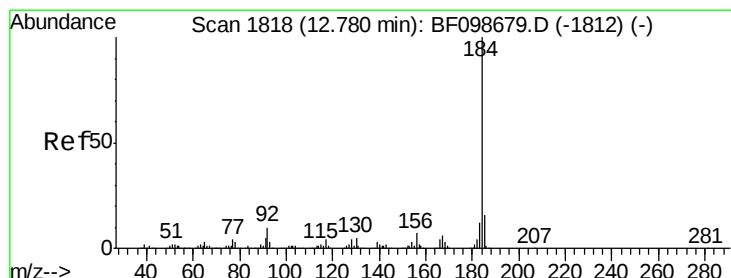
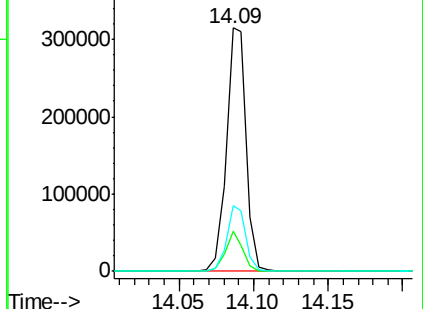
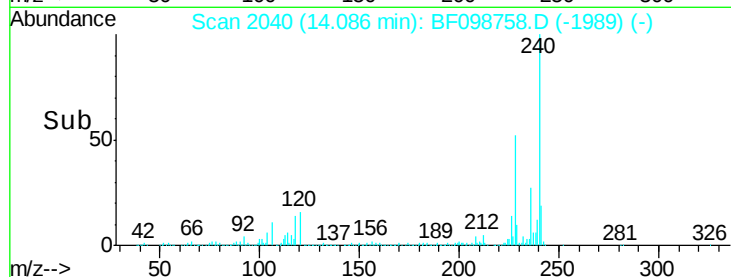
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.99 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

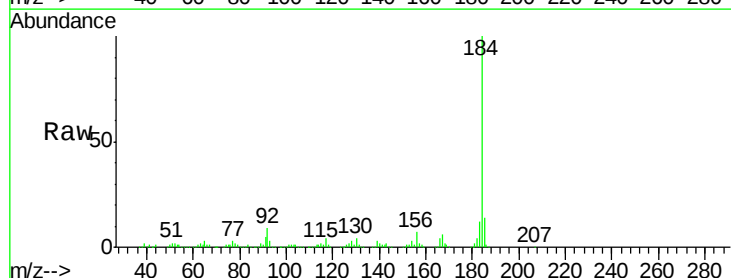
Tgt Ion:184 Resp: 359594

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

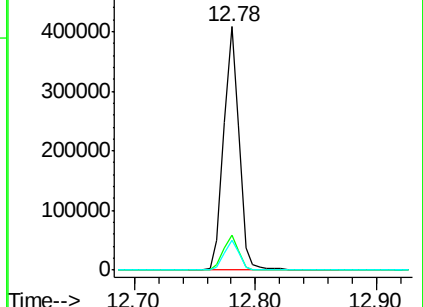
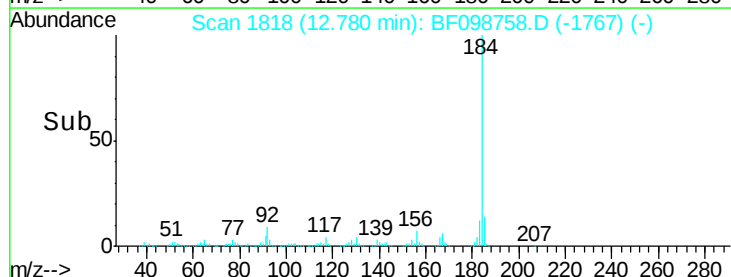
183 12.2 9.3 13.9

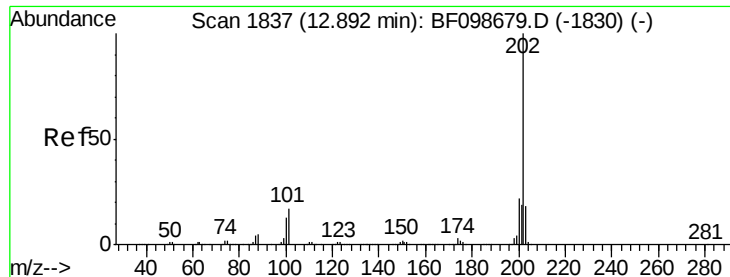


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.24 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :

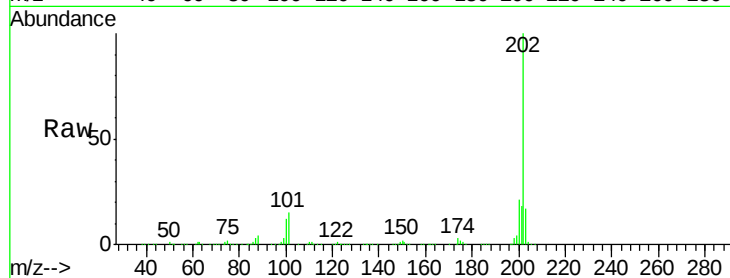
Tot Ion:202 Resp: 544720

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

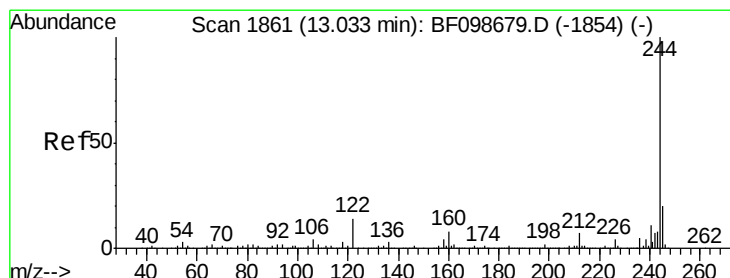
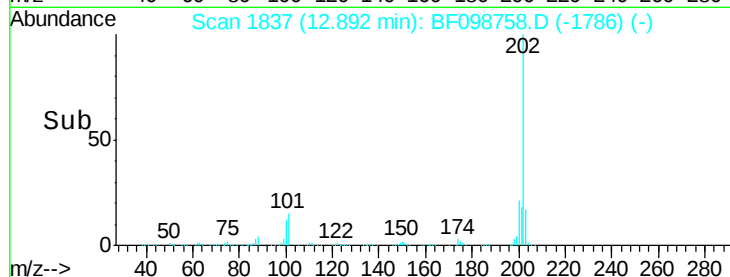
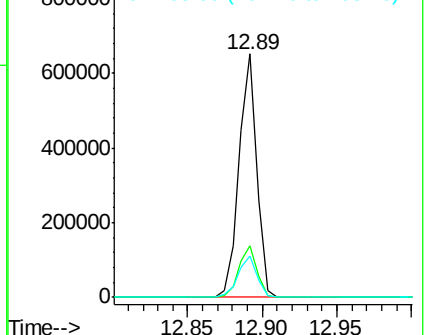
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.66 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

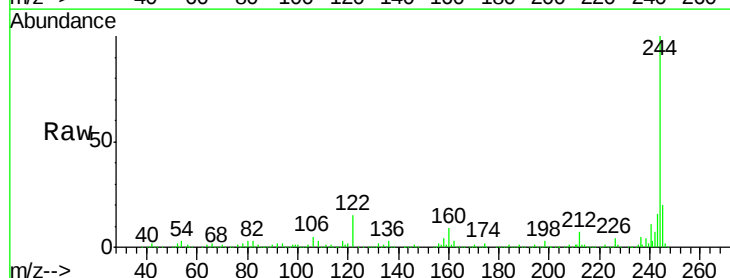
Tgt Ion:244 Resp: 643483

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

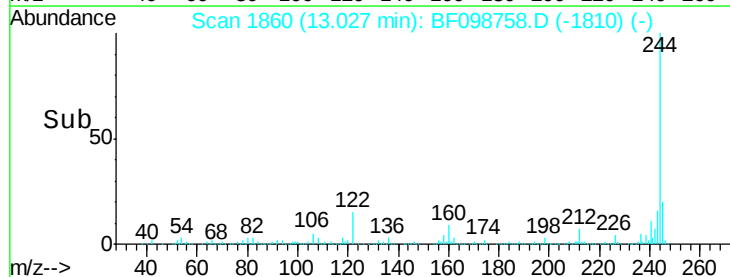
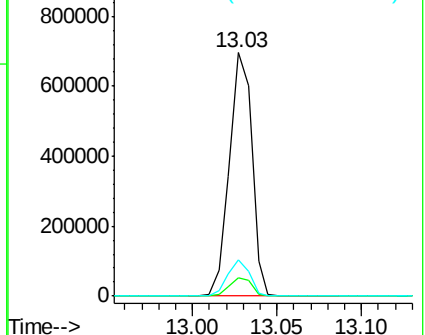
122 14.9 11.0 16.4

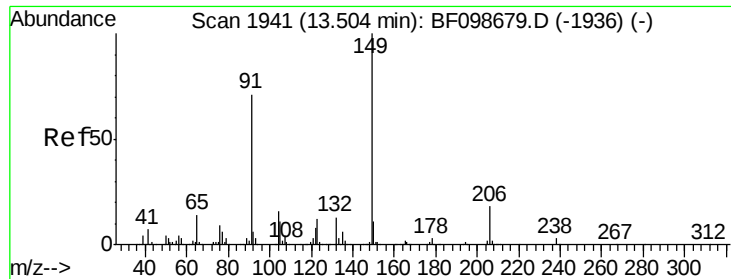


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

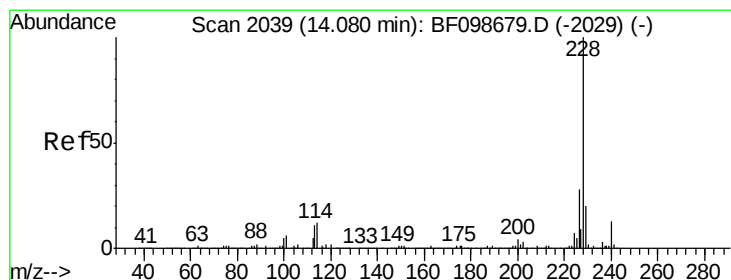
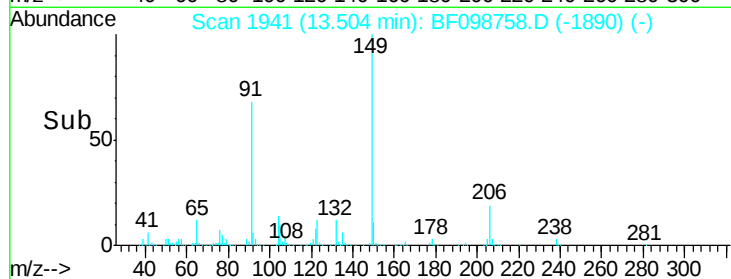
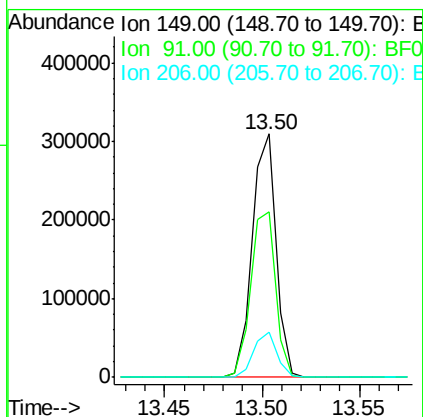
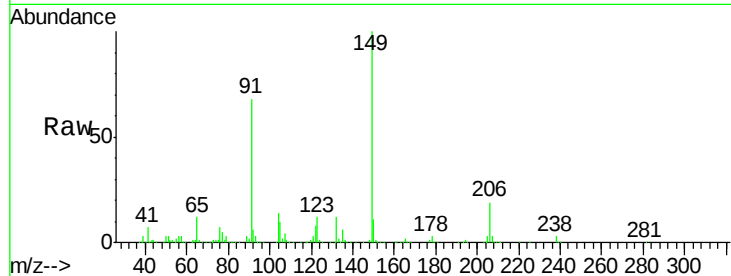




#79
Butylbenzylphthalate
Concen: 24.86 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

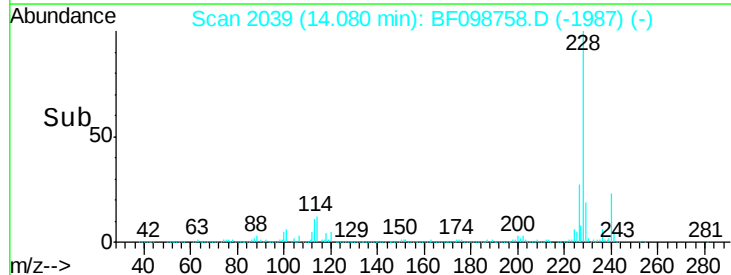
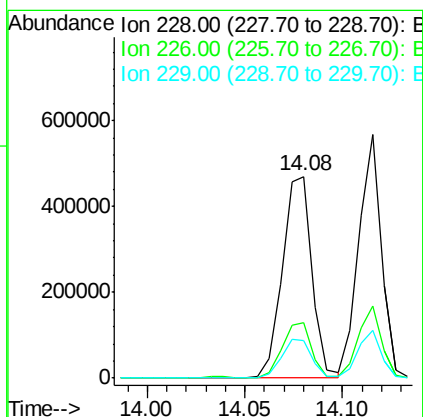
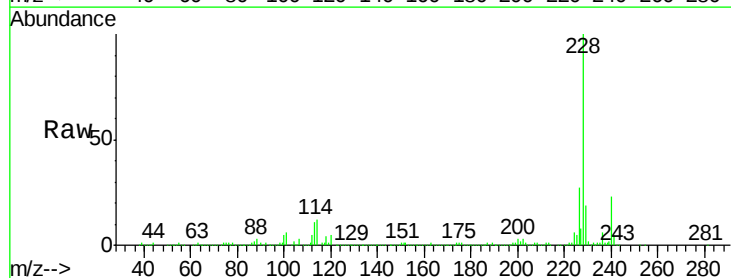
Instrument :
BNA_F
ClientSampleId :

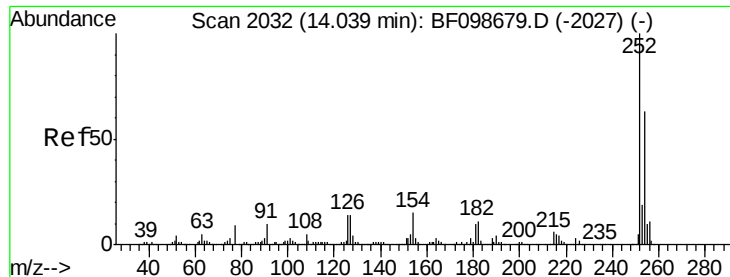
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 27.55 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	18.7	15.8	23.6

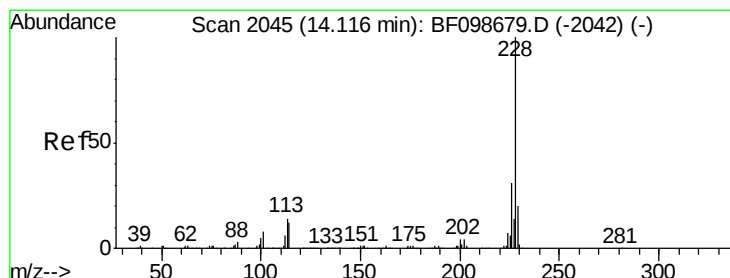
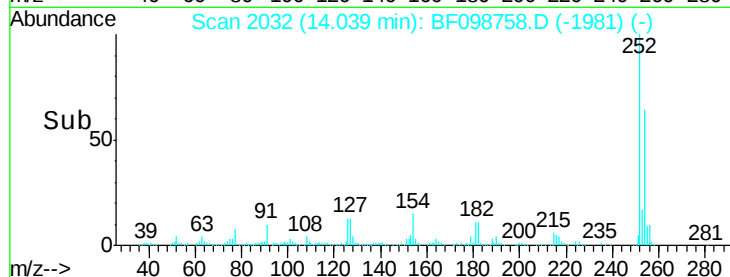
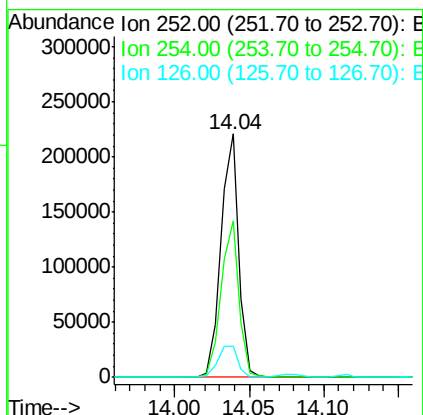
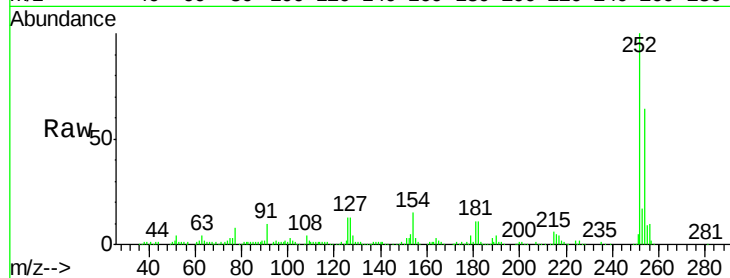




#81
 3,3'-Dichlorobenzidine
 Concen: 28.50 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

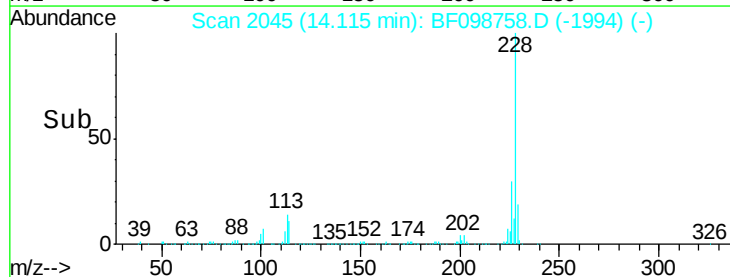
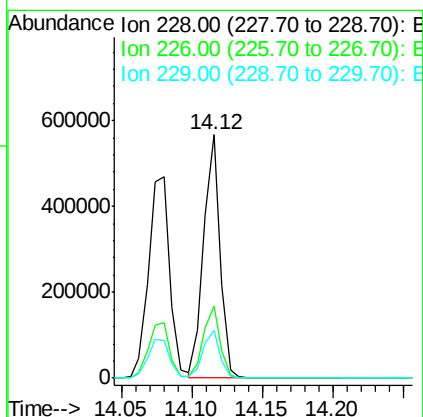
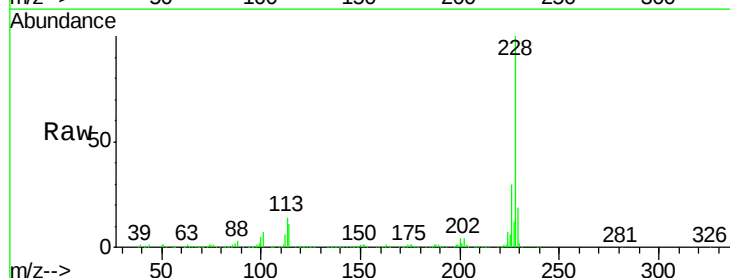
Instrument :
 BNA_F
 ClientSampled :

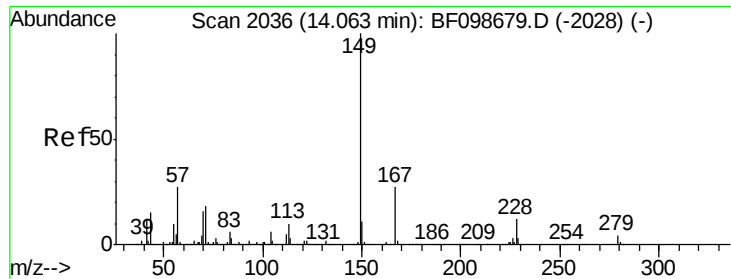
Tot Ion:252 Resp: 186407
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 12.6 11.3 16.9



#82
 Chrysene
 Concen: 27.13 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion:228 Resp: 460809
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.6
 229 19.4 16.2 24.4

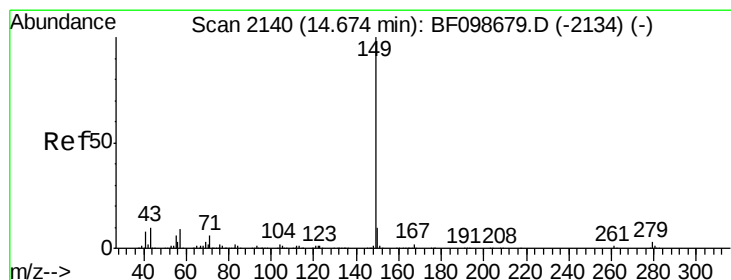
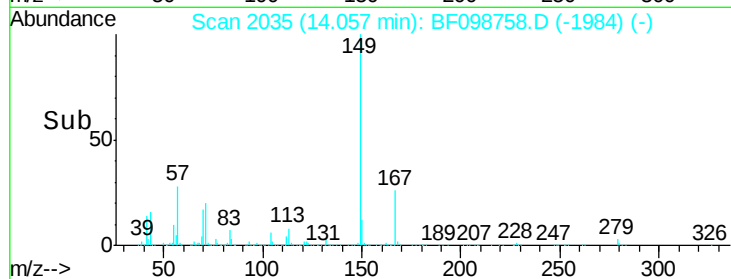
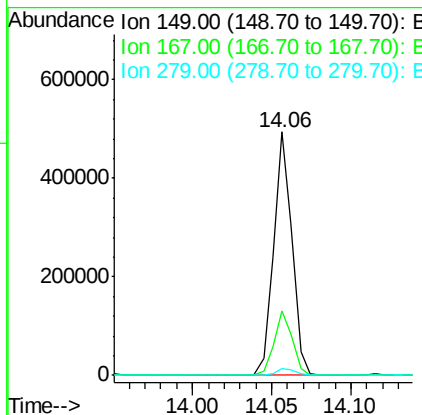
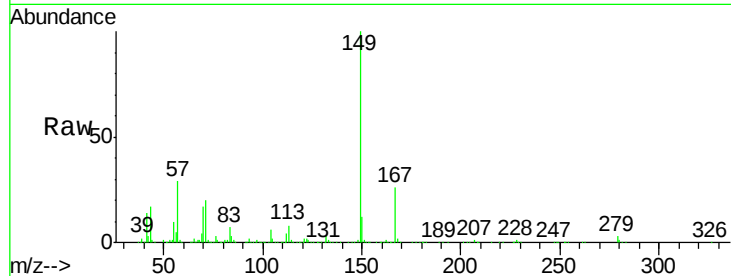




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.49 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

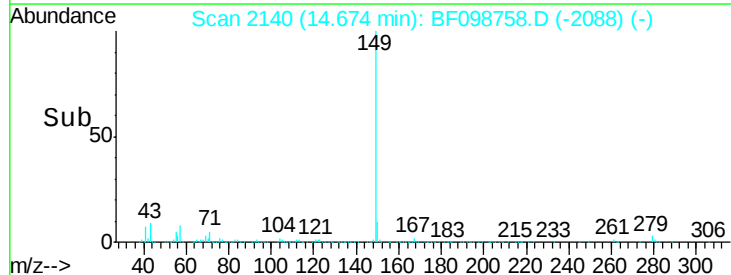
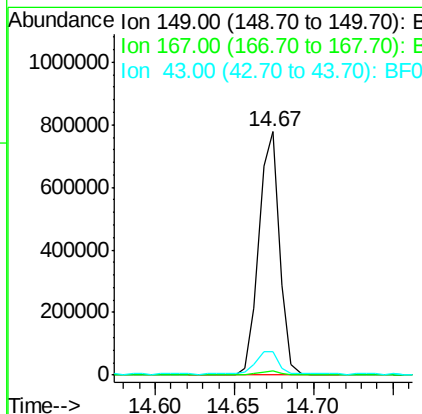
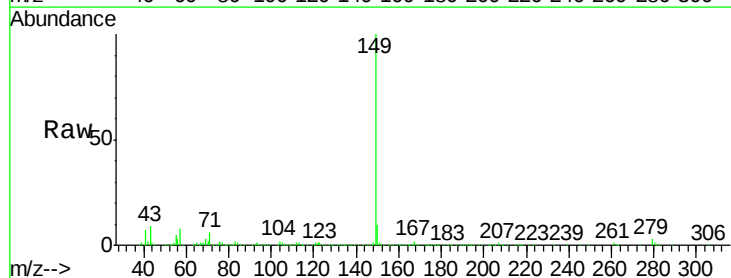
Instrument :
 BNA_F
 ClientSampleId :

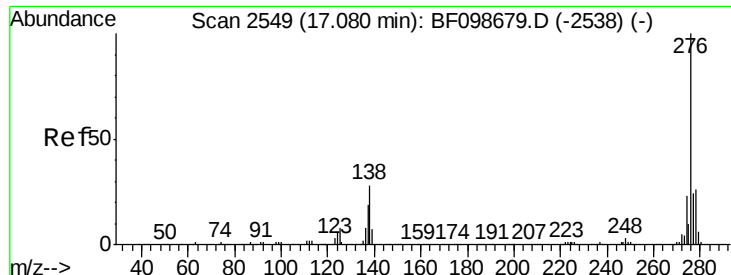
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.7	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 30.31 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: BF098758.D
 Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.1	8.4	12.6

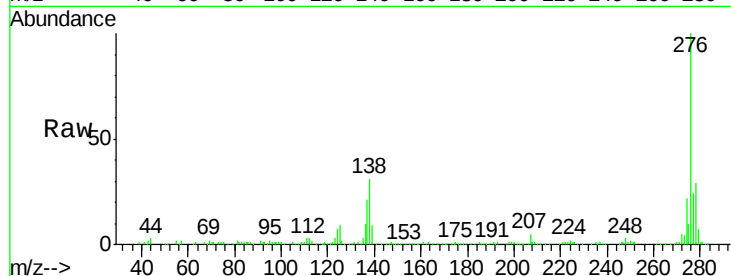




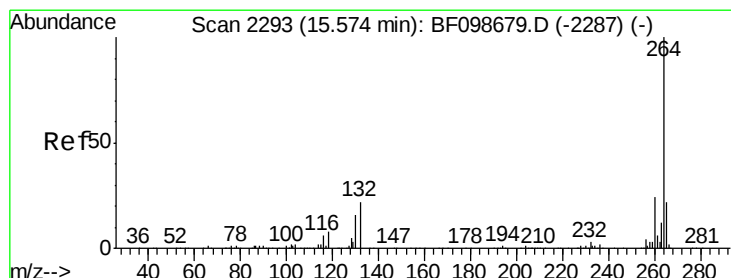
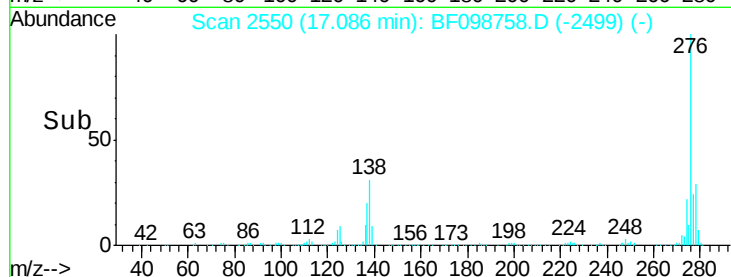
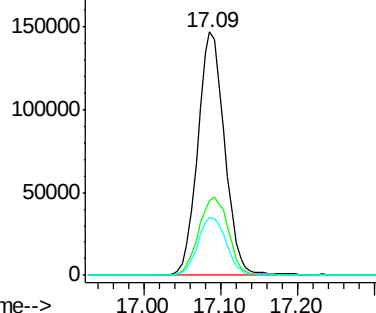
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.37 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.5	20.1	30.1

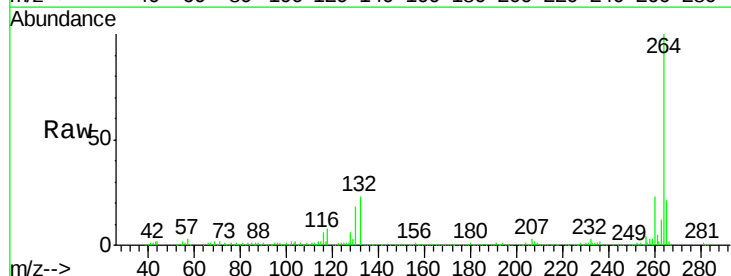


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

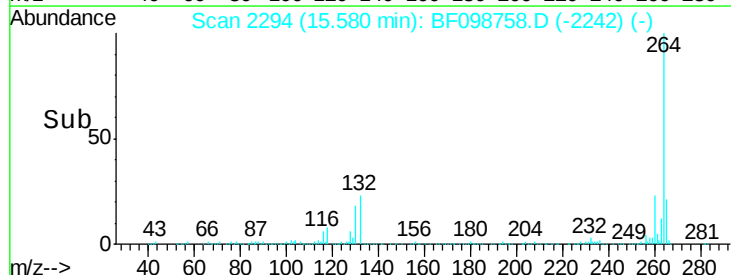
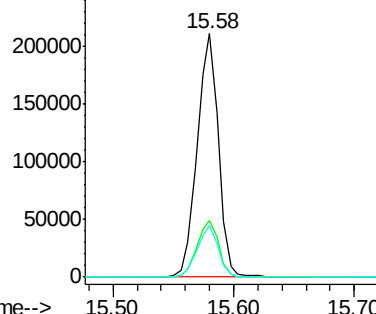


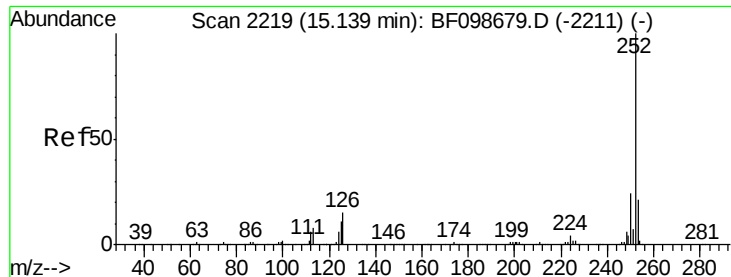
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	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

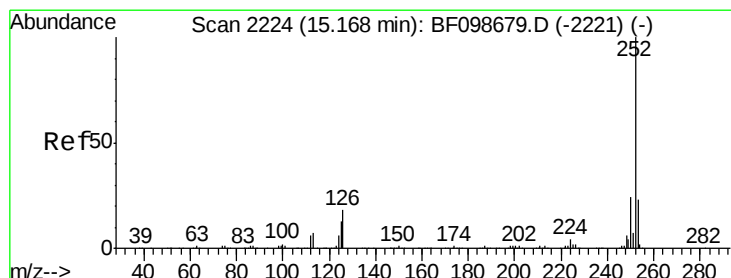
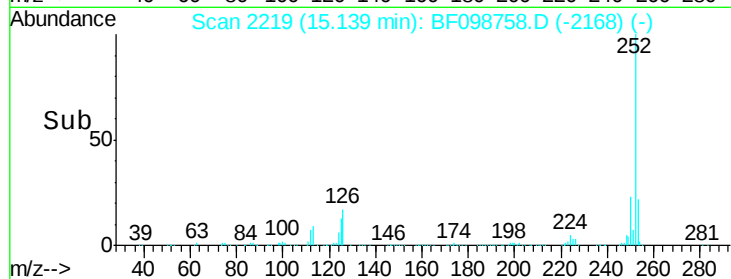
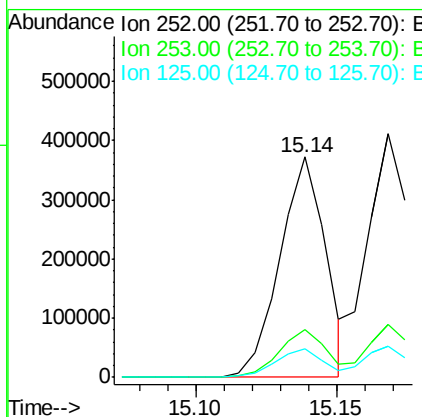
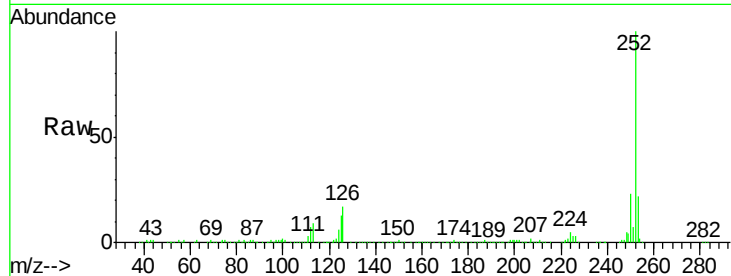




#87
Benzo(b)fluoranthene
Concen: 26.52 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

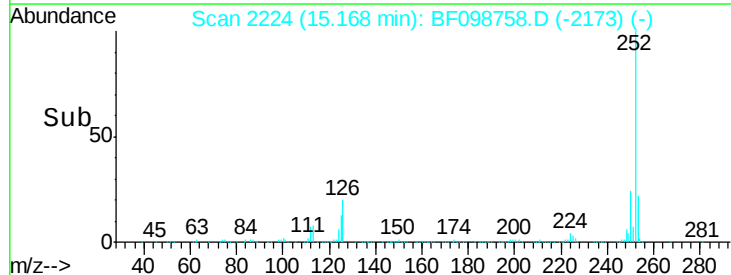
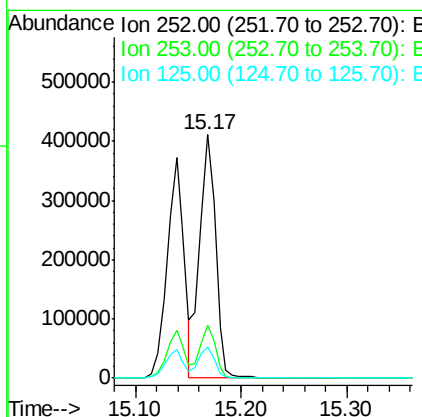
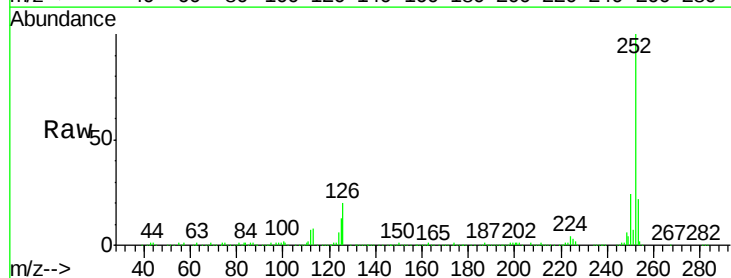
Instrument :
BNA_F
ClientSampled :

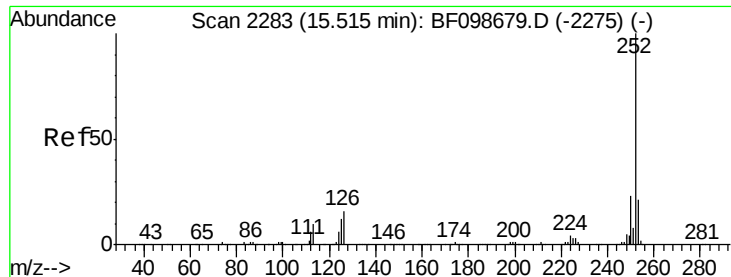
Tot Ion:252 Resp: 418329
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 27.50 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion:252 Resp: 428549
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.0 10.2 15.2

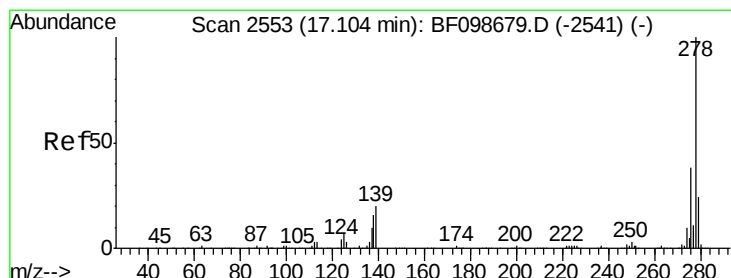
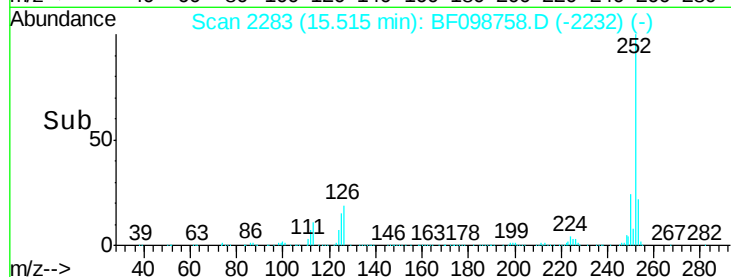
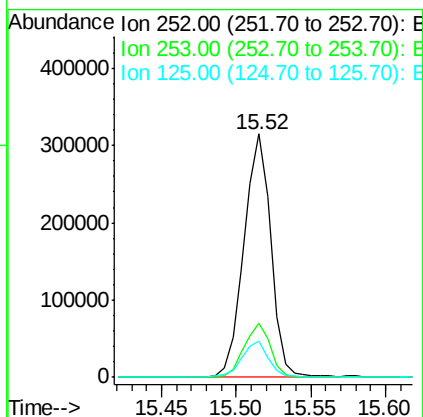
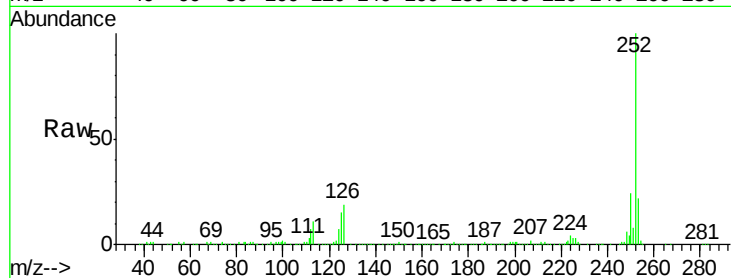




#89
Benzo(a)pyrene
Concen: 26.98 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

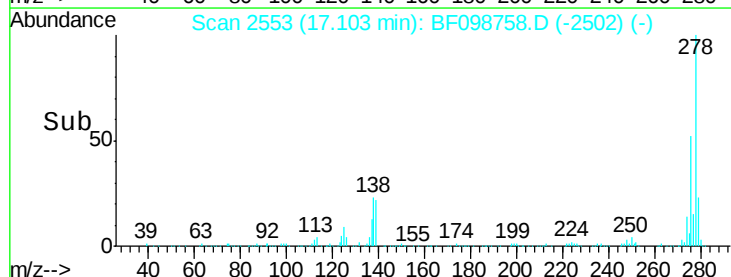
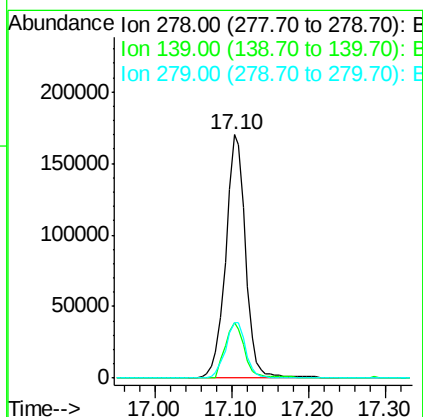
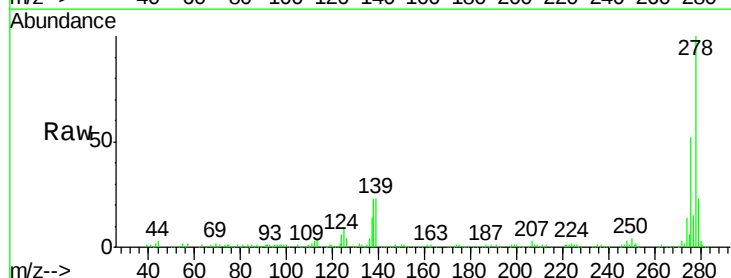
Instrument :
BNA_F
ClientSampleId :

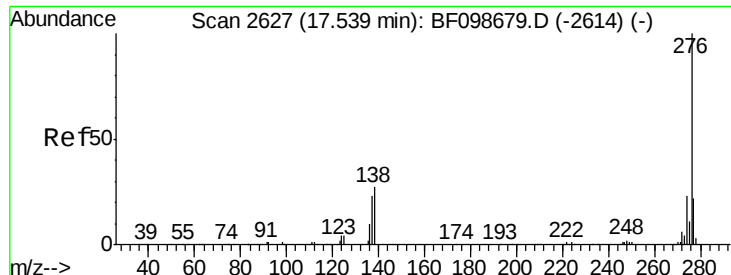
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 26.50 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098758.D
Acq: 24 Sep 2017 00:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	22.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 24.92 ng

RT: 17.54 min Scan# 2628

Delta R.T. -0.00 min

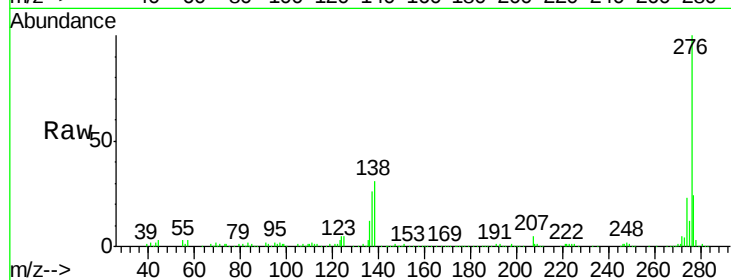
Lab File: BF098758.D

Acq: 24 Sep 2017 00:17

Instrument :

BNA_F

ClientSampleId :



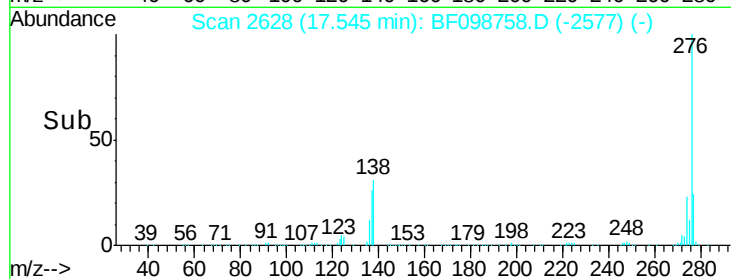
Tot Ion: 276 Resp: 285425

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 31.4 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

