

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098719.D
 Acq On : 23 Sep 2017 1:59
 Operator : SJ/JU
 Sample : I5340-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 04:51:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163589	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	672066	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	274318	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	389256	20.00	ng	0.00
75) Chrysene-d12	14.09	240	340842	20.00	ng	0.00
86) Perylene-d12	15.59	264	297820	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	527063	48.92	ng	0.00
7) Phenol-d6	6.55	99	628409	48.17	ng	0.00
23) Nitrobenzene-d5	7.49	82	388064	39.17	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	182938	72.92	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	862638	50.04	ng	0.00
78) Terphenyl-d14	13.03	244	793559	49.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	64348	12.65	ng	99
3) Pyridine	3.56	79	222383	16.44	ng	99
4) n-Nitrosodimethylamine	3.49	42	98046	16.55	ng	93
6) Aniline	6.59	93	203052	11.75	ng	99
8) 2-Chlorophenol	6.71	128	174876	14.94	ng	99
9) Benzaldehyde	6.48	77	49127	6.71	ng	99
10) Phenol	6.56	94	221904	15.41	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	168233	15.17	ng	97
12) 1,3-Dichlorobenzene	6.87	146	188777	15.27	ng	99
13) 1,4-Dichlorobenzene	6.95	146	192405	15.38	ng	99
14) 1,2-Dichlorobenzene	7.10	146	181147	15.53	ng	99
15) Benzyl Alcohol	7.06	79	172414	18.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	263418	14.90	ng	99
17) 2-Methylphenol	7.17	107	142220	14.91	ng	98
18) Hexachloroethane	7.45	117	58183	13.51	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	165532	20.48	ng	97
20) 3+4-Methylphenols	7.32	107	205256	16.70	ng	95
22) Acetophenone	7.33	105	280150	16.85	ng	# 96
24) Nitrobenzene	7.50	77	189304	16.54	ng	97
25) Isophorone	7.75	82	455519	21.08	ng	99
26) 2-Nitrophenol	7.82	139	88571	21.13	ng	96
27) 2,4-Dimethylphenol	7.85	122	167539	15.79	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	259228	19.28	ng	99
29) 2,4-Dichlorophenol	8.06	162	163076	17.86	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	145297	15.78	ng	98
31) Naphthalene	8.23	128	529109	16.59	ng	99
32) Benzoic acid	7.93	122	73964	15.62	ng	99
33) 4-Chloroaniline	8.27	127	219890	16.58	ng	99
34) Hexachlorobutadiene	8.35	225	73344	14.79	ng	97
35) Caprolactam	8.63	113	75150	26.40	ng	99
36) 4-Chloro-3-methylphenol	8.75	107	220017	21.12	ng	96
37) 2-Methylnaphthalene	8.92	142	404688	19.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	150419	18.54	ng	100
40) Hexachlorocyclopentadiene	9.07	237	27353	7.76	ng	97

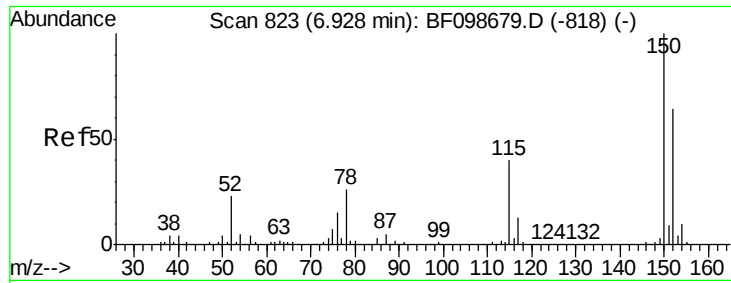
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098719.D
 Acq On : 23 Sep 2017 1:59
 Operator : SJ/JU
 Sample : I5340-01MSD
 Misc :
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Instrument :
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Quant Time: Sep 23 04:51:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	126869	23.20	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	139099	24.81	nq	97
45) 1,1'-Biphenyl	9.39	154	507009	21.51	nq	98
46) 2-Chloronaphthalene	9.41	162	383653	21.71	nq	99
47) 2-Nitroaniline	9.50	65	137997	27.81	nq	99
48) Acenaphthylene	9.83	152	599903	22.07	nq	100
49) Dimethylphthalate	9.68	163	634939	30.86	nq	99
50) 2,6-Dinitrotoluene	9.74	165	104666	25.78	nq	93
51) Acenaphthene	10.00	154	361069	21.40	nq	99
52) 3-Nitroaniline	9.91	138	115673	23.90	nq	97
53) 2,4-Dinitrophenol	10.02	184	11657	15.02	nq	91
54) Dibenzofuran	10.17	168	538682	23.38	nq	99
55) 4-Nitrophenol	10.06	139	210939	50.09	nq	96
56) 2,4-Dinitrotoluene	10.14	165	136375	25.01	nq	99
57) Fluorene	10.52	166	401313	21.67	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	105654	26.49	nq	99
59) Diethylphthalate	10.38	149	509216	25.26	nq	100
60) 4-Chlorophenyl-phenylether	10.50	204	181885	22.42	nq	98
61) 4-Nitroaniline	10.52	138	121794	26.24	nq	97
62) Azobenzene	10.66	77	433134	22.97	nq	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	12209	14.07	nq	96
65) n-Nitrosodiphenylamine	10.62	169	367632	27.44	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	107449	27.34	nq	# 88
67) Hexachlorobenzene	11.06	284	112623	25.15	nq	92
68) Atrazine	11.14	200	122919	30.50	nq	100
69) Pentachlorophenol	11.25	266	140536	54.90	nq	98
70) Phenanthrene	11.48	178	579448	27.44	nq	98
71) Anthracene	11.53	178	585895	27.21	nq	99
72) Carbazole	11.68	167	601561	28.59	nq	99
73) Di-n-butylphthalate	12.01	149	743556	30.43	nq	99
74) Fluoranthene	12.67	202	633136	30.09	nq	96
77) Pyrene	12.90	202	661507	26.14	nq	100
79) Butylbenzylphthalate	13.51	149	304247	29.06	nq	94
80) Benzo(a)anthracene	14.08	228	631580	30.76	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	145334	19.84	nq	98
82) Chrysene	14.12	228	586963	29.60	nq	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	443250	30.61	nq	# 99
84) Di-n-octyl phthalate	14.68	149	807304	37.12	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	421492	27.41	nq	99
87) Benzo(b)fluoranthene	15.14	252	526186	30.46	nq	98
88) Benzo(k)fluoranthene	15.17	252	526134	30.48	nq	99
89) Benzo(a)pyrene	15.52	252	472212	30.10	nq	97
90) Dibenzo(a,h)anthracene	17.12	278	354418	26.72	nq	100
91) Benzo(g,h,i)perylene	17.56	276	334524	25.09	nq	97

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

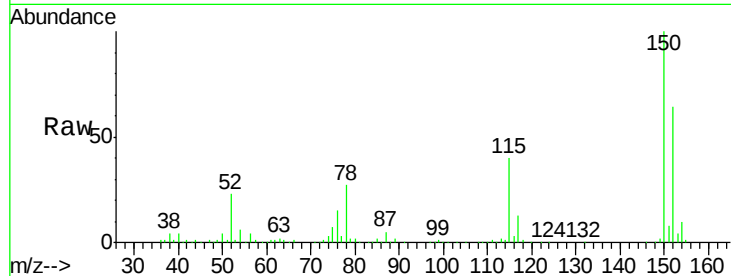


#1

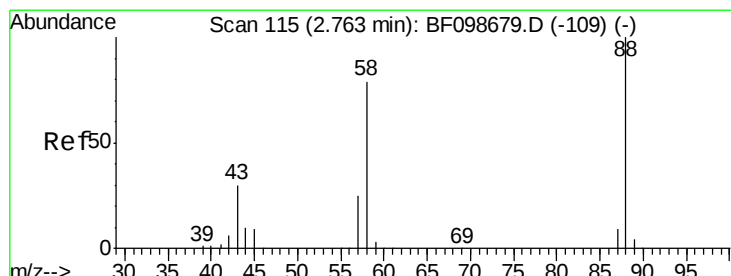
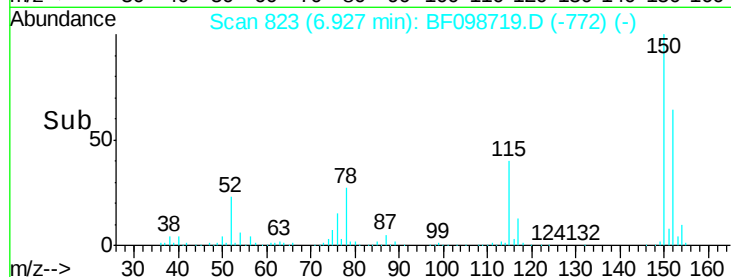
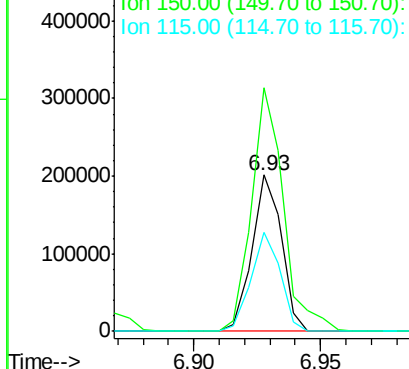
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163589
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.9 50.1 75.1



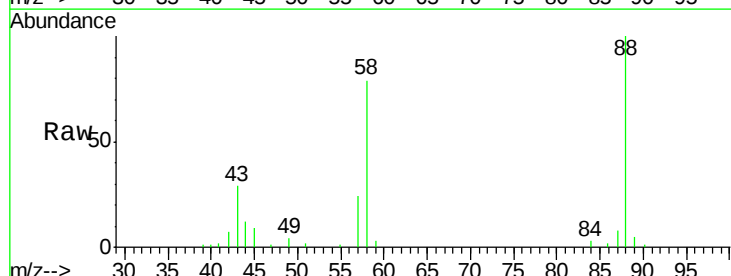
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



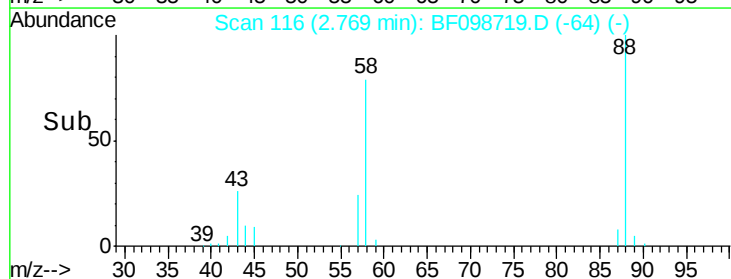
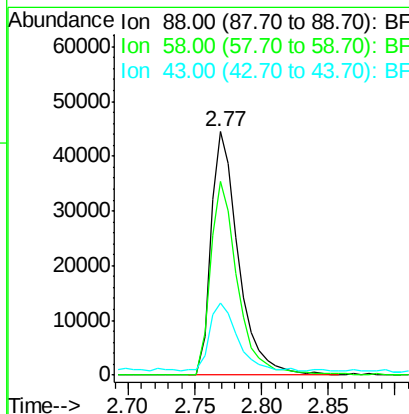
#2

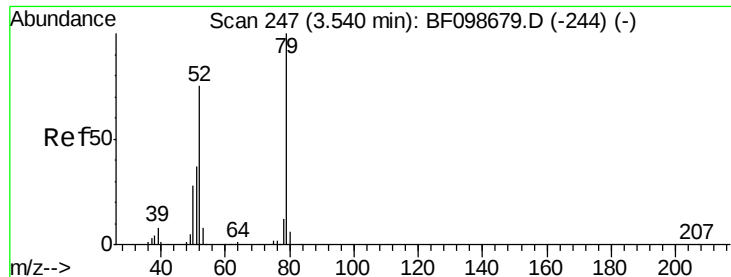
1,4-Dioxane
Concen: 12.65 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion: 88 Resp: 64348
Ion Ratio Lower Upper
88 100
58 78.6 62.6 93.8
43 28.6 24.6 37.0



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





#3

Pvridine

Concen: 16.44 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.02 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

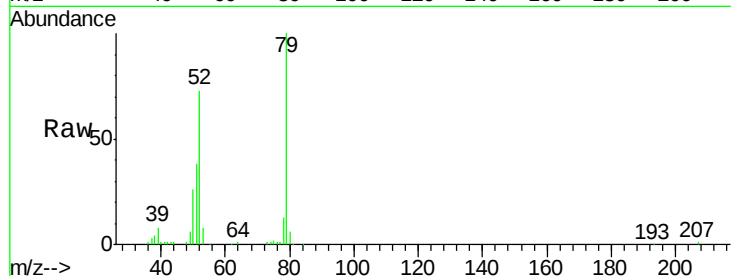
Tot Ion: 79 Resp: 222383

Ion Ratio Lower Upper

79 100

52 73.2 59.8 89.6

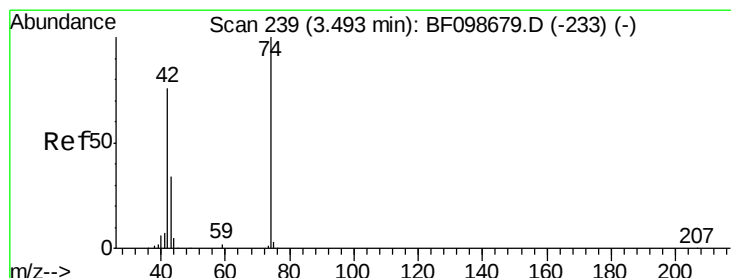
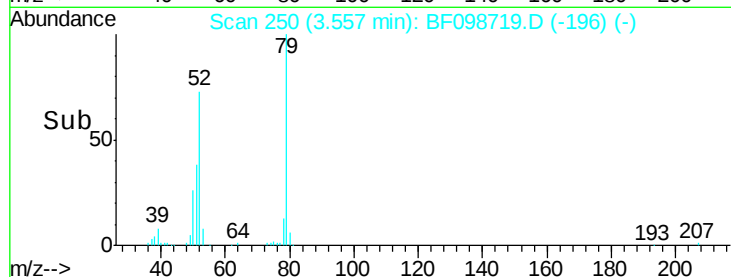
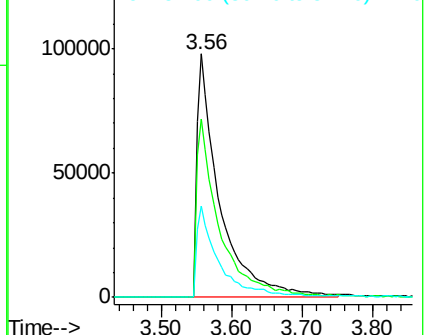
51 37.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.55 ng

RT: 3.49 min Scan# 238

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

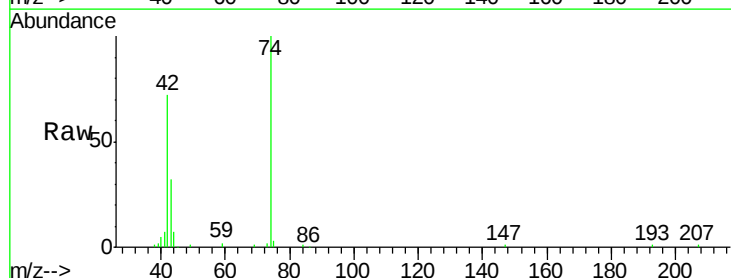
Tgt Ion: 42 Resp: 98046

Ion Ratio Lower Upper

42 100

74 139.8 104.9 157.3

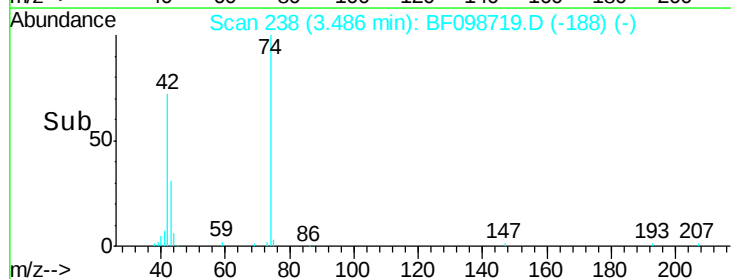
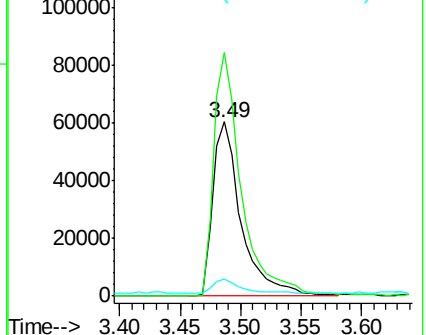
44 9.6 6.9 10.3

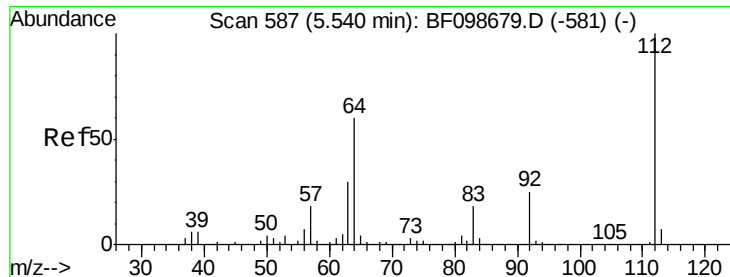


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 48.92 ng

RT: 5.55 min Scan# 588

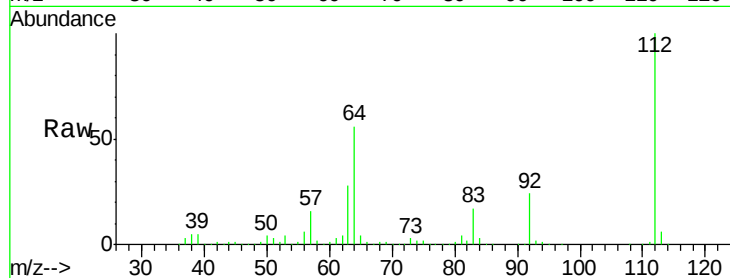
Delta R.T. 0.01 min

Lab File: BF098719.D

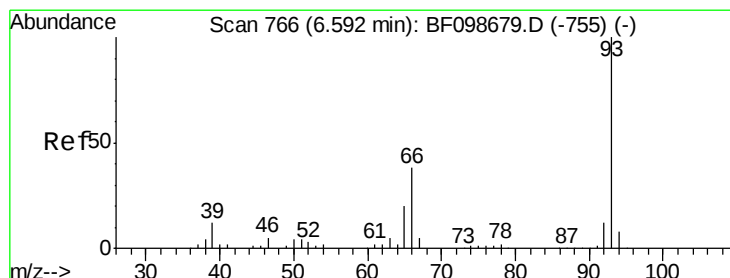
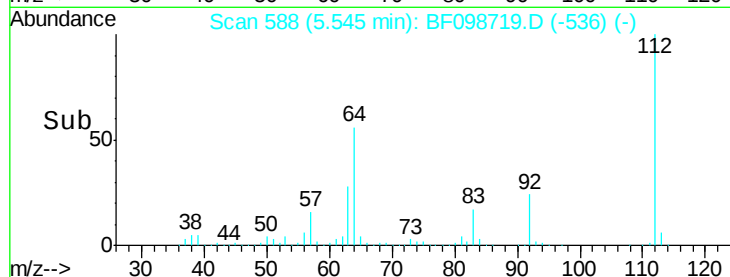
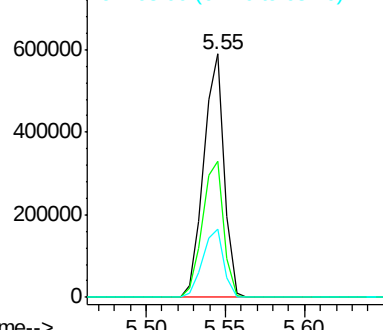
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	527063
Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF098719.D (-536) (-)



#6

Aniline

Concen: 11.75 ng

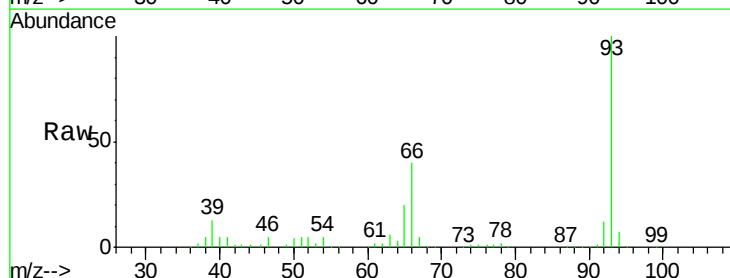
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

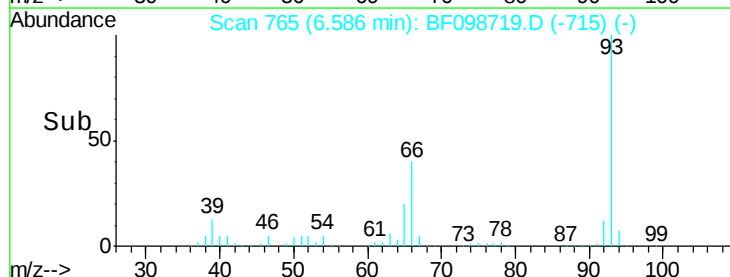
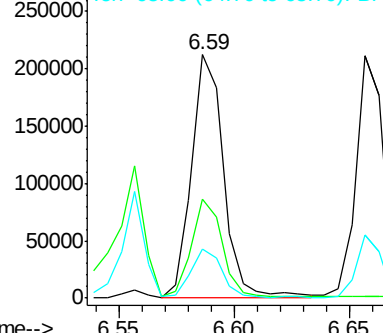
Lab File: BF098719.D

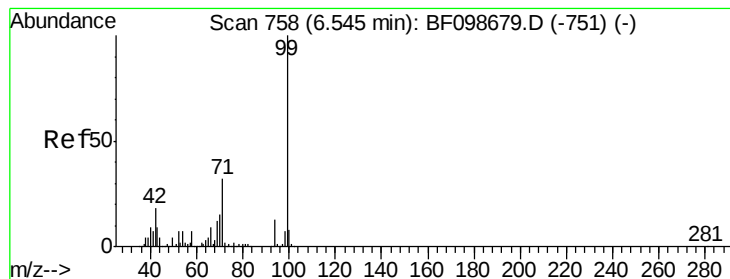
Acq: 23 Sep 2017 1:59

Tgt Ion:	93	Resp:	203052
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.2
65	20.0	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF098719.D (-715) (-)





#7

Phenol-d6

Concen: 48.17 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

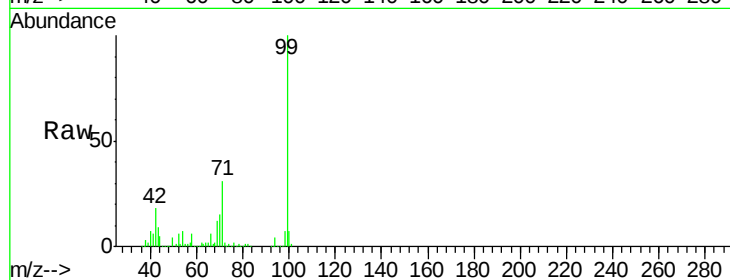
Tot Ion: 99 Resp: 628409

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

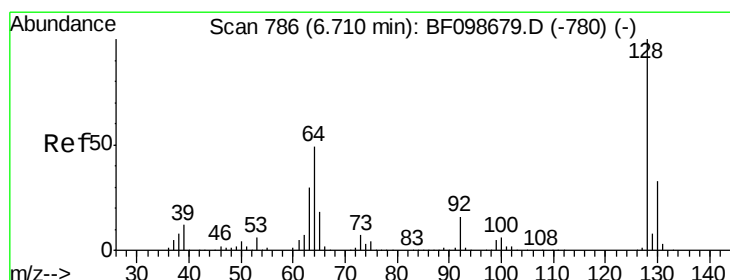
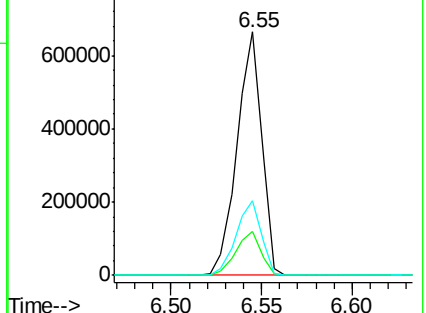
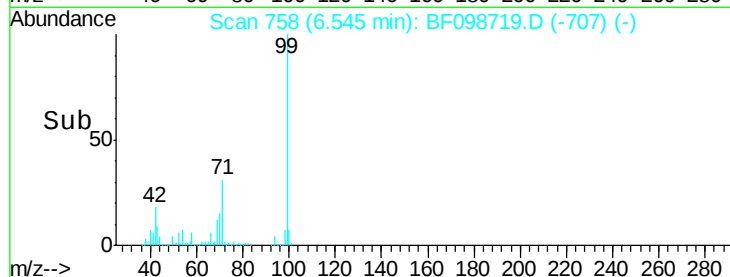
71 30.7 25.4 38.0



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: 14.94 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

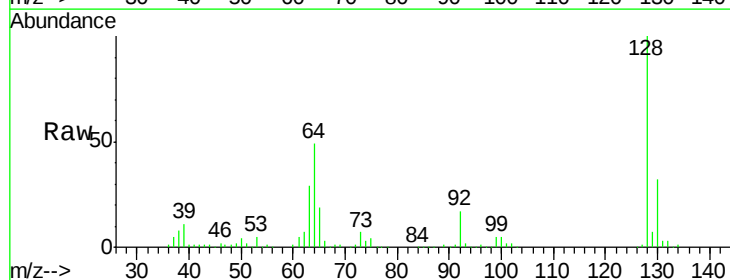
Tgt Ion: 128 Resp: 174876

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

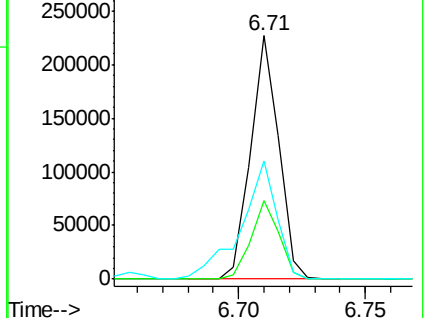
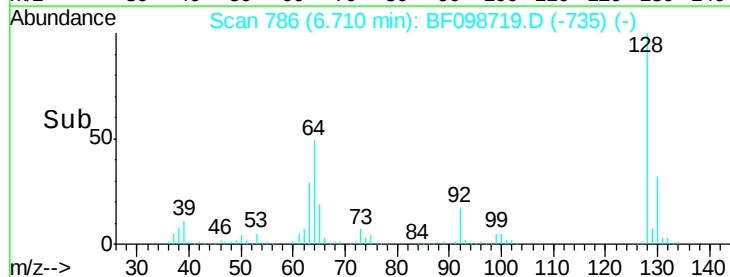
64 48.7 29.4 69.4

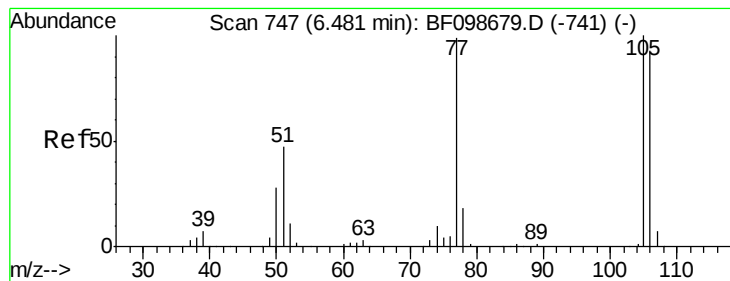


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.71 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

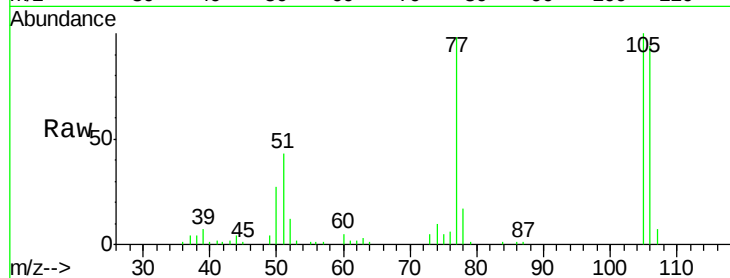
Tot Ion: 77 Resp: 49127

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

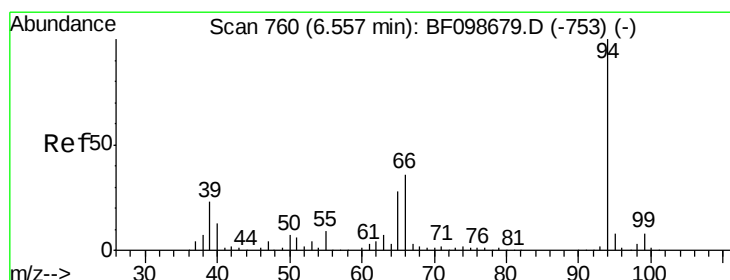
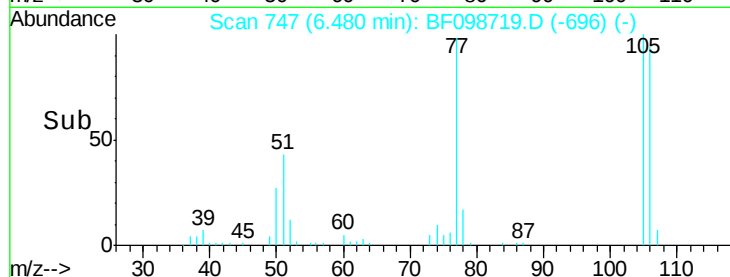
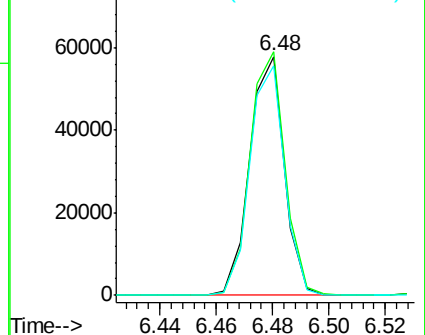
106 96.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.41 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

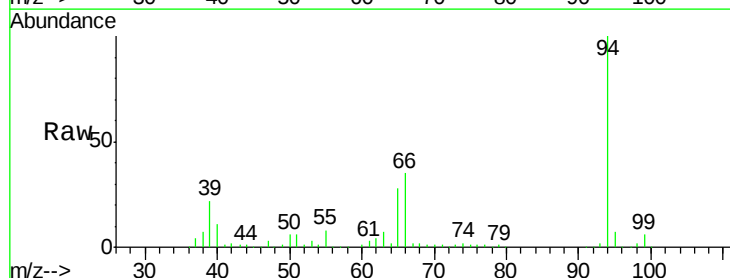
Tgt Ion: 94 Resp: 221904

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

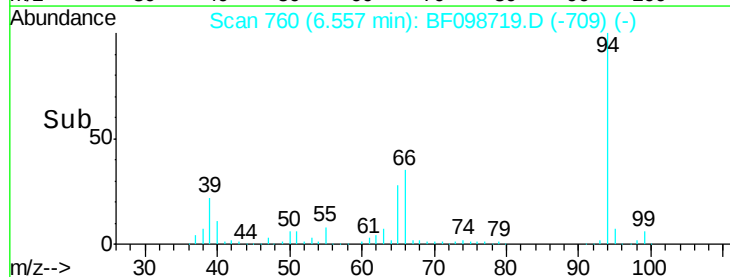
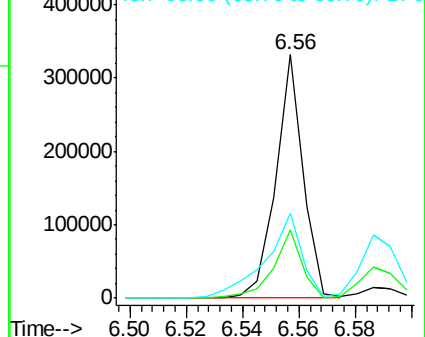
66 34.9 16.2 56.2

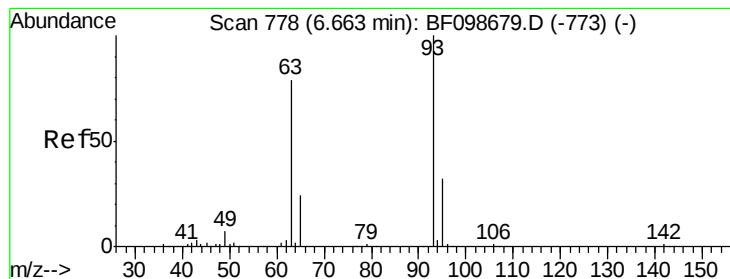


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 15.17 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

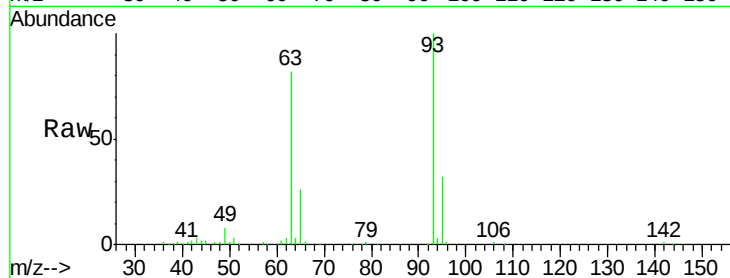
Tot Ion: 93 Resp: 168233

Ion Ratio Lower Upper

93 100

63 81.9 58.6 98.6

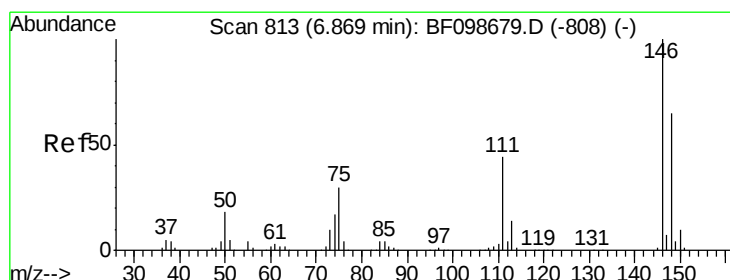
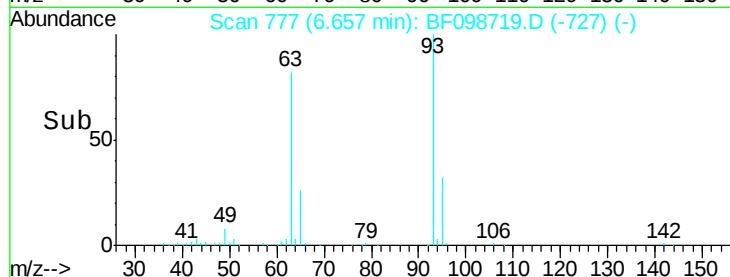
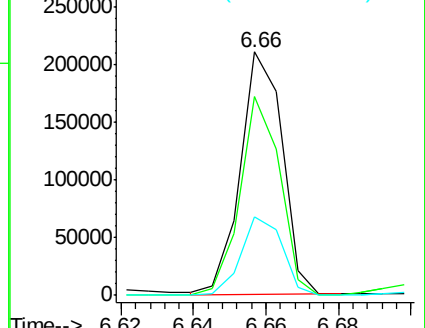
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 15.27 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

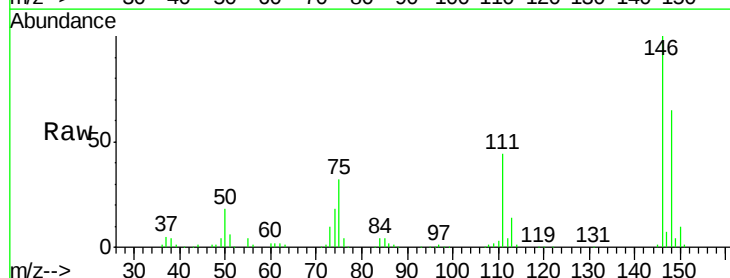
Tgt Ion: 146 Resp: 188777

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

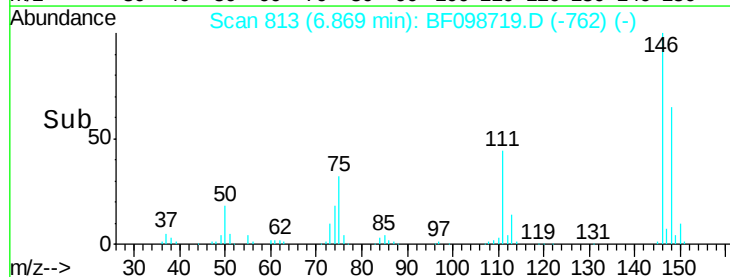
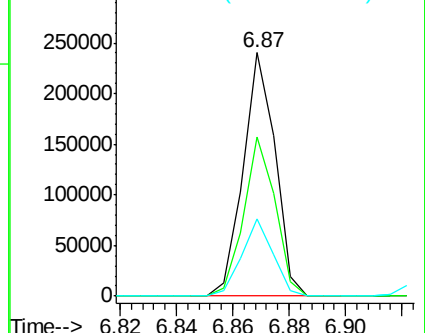
75 31.7 24.2 36.4

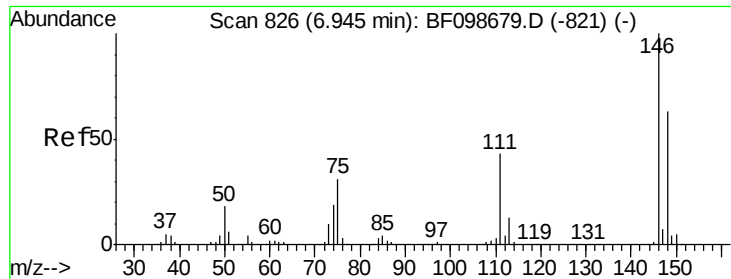


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

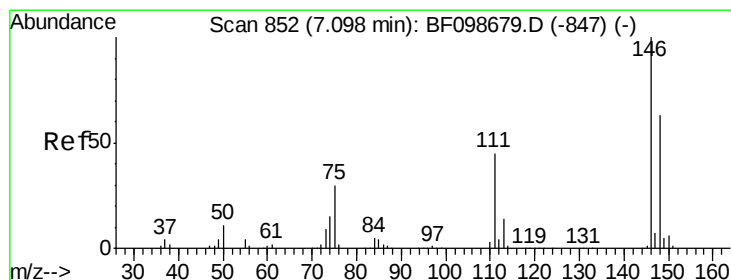
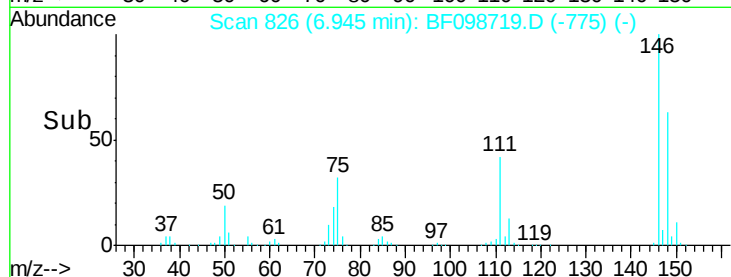
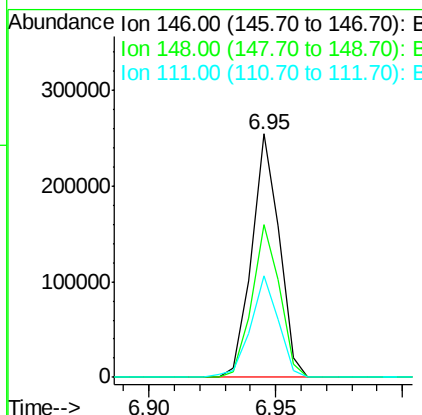
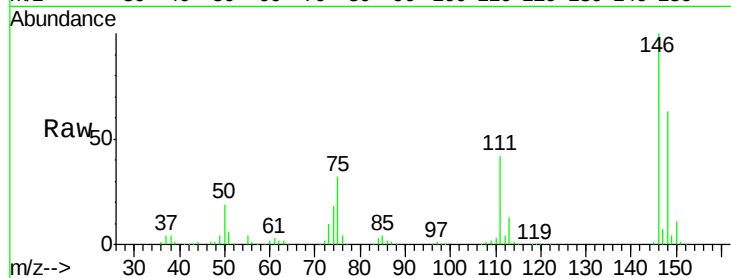




#13
 1,4-Dichlorobenzene
 Concen: 15.38 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

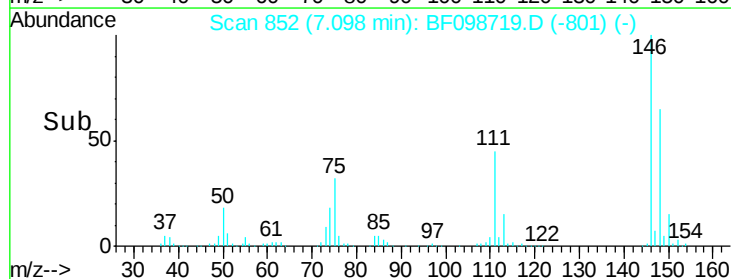
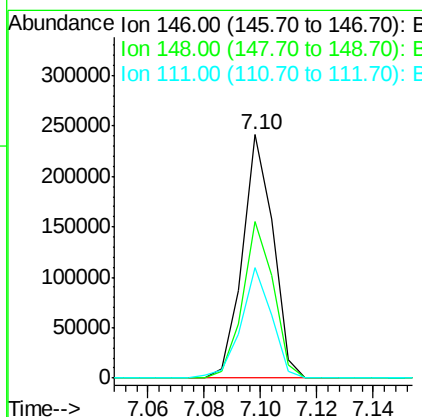
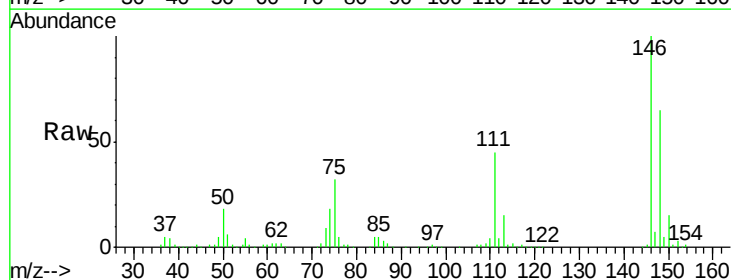
Instrument :
 BNA_F
 ClientSampleId :

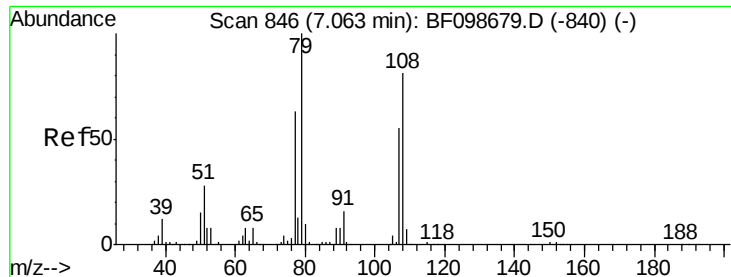
Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.5	50.8	76.2	
111	41.9	34.2	51.2	



#14
 1,2-Dichlorobenzene
 Concen: 15.53 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.6	50.6	75.8	
111	45.5	36.0	54.0	





#15

Benzyl Alcohol

Concen: 18.32 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

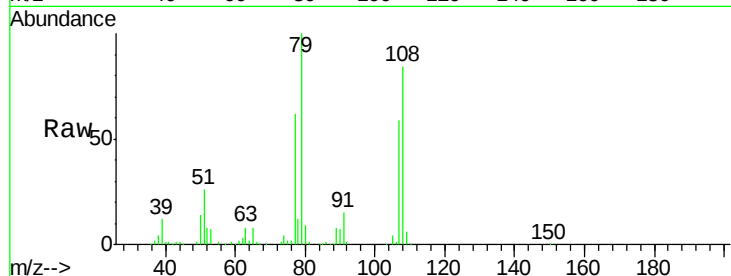
Tot Ion: 79 Resp: 172414

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

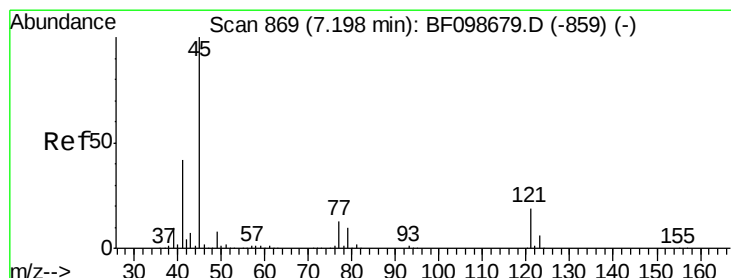
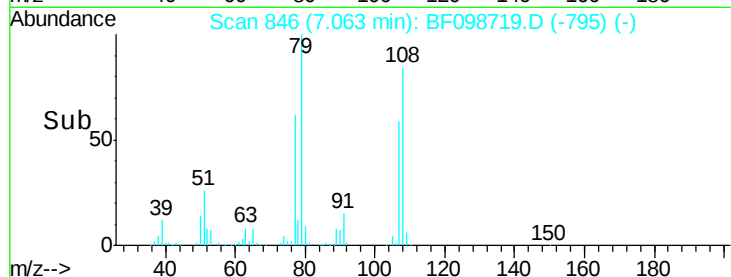
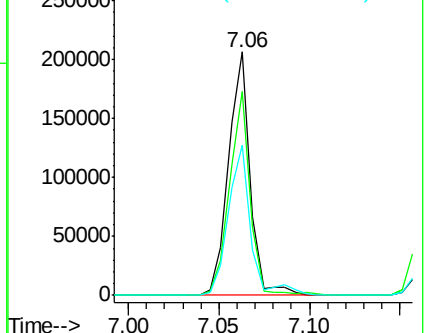
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.90 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

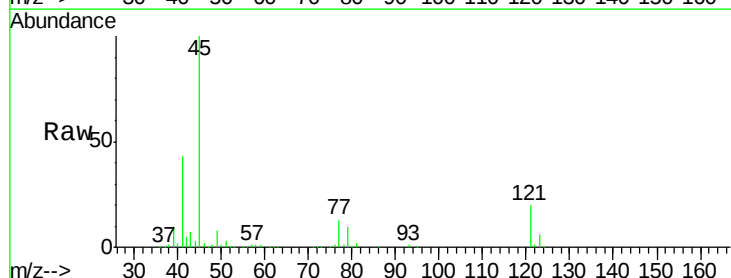
Tgt Ion: 45 Resp: 263418

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

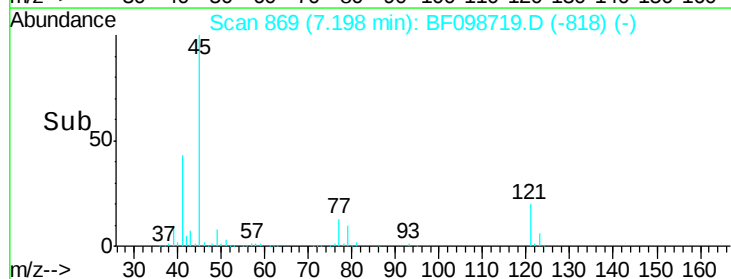
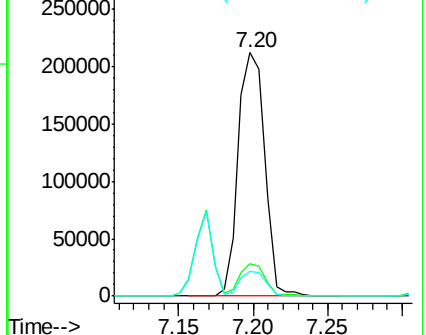
79 10.1 0.0 29.6

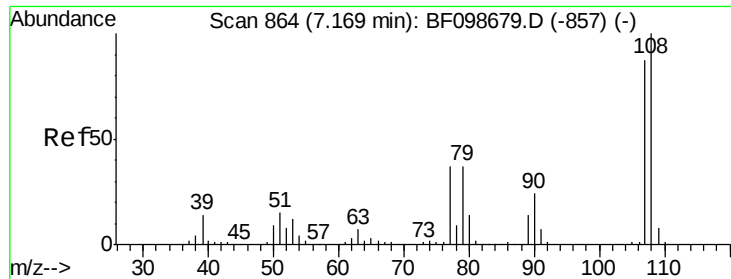


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

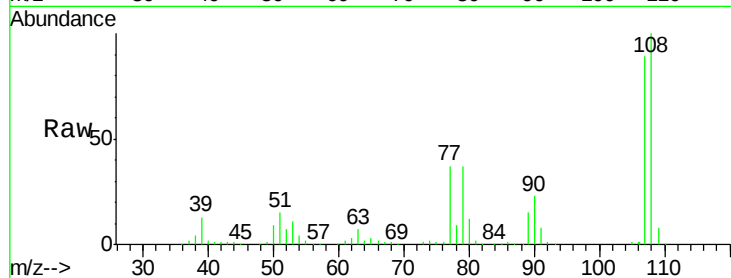




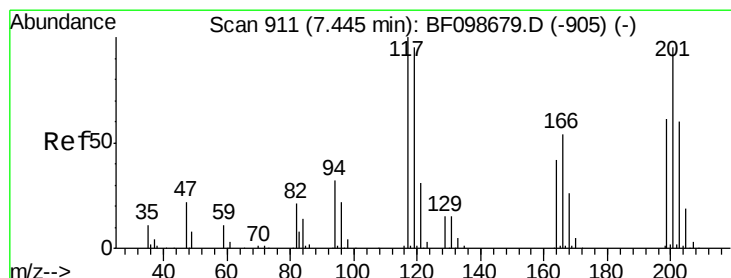
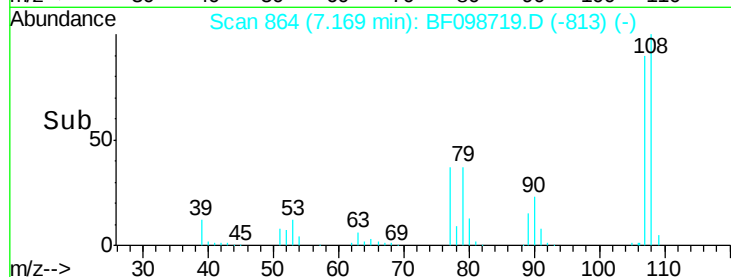
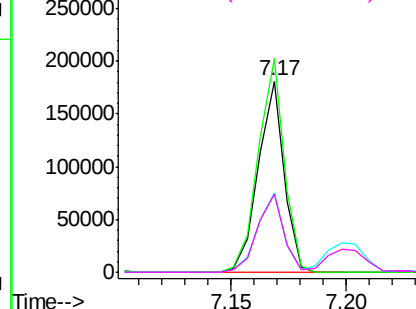
#17
2-Methylphenol
Concen: 14.91 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	142220
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	41.6	33.8	50.8
79	41.2	33.8	50.8

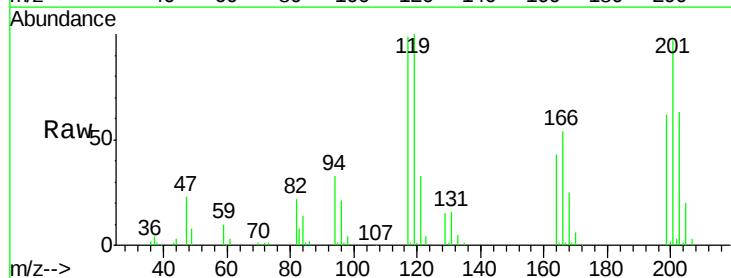


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

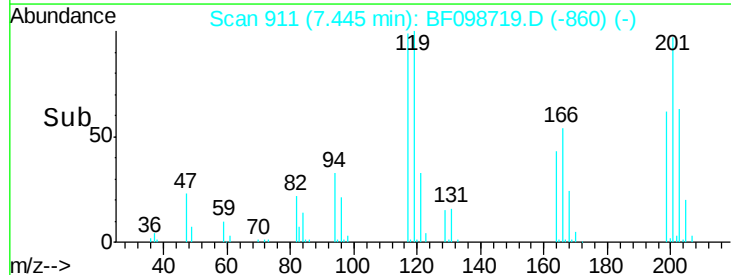
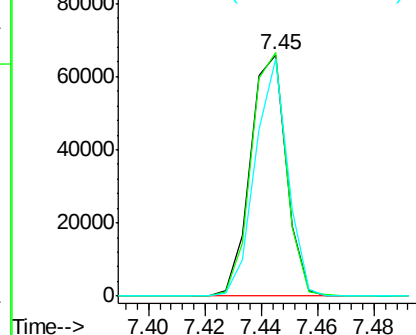


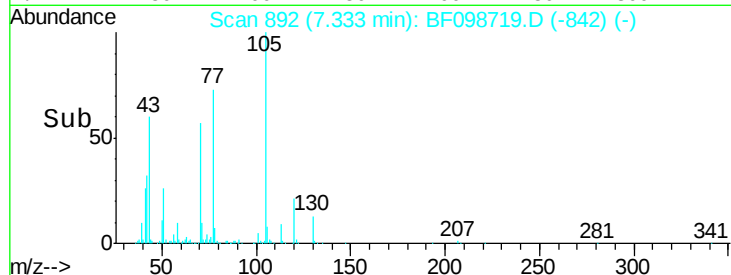
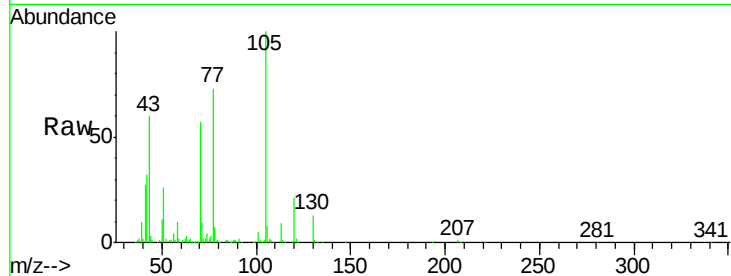
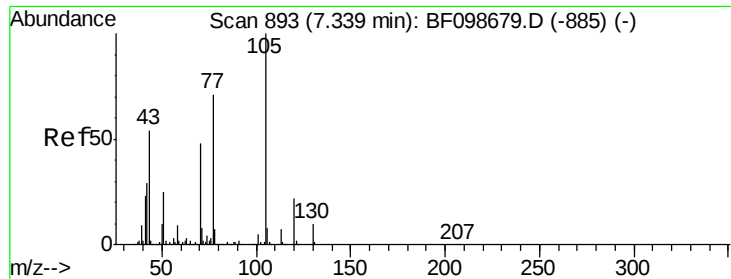
#18
Hexachloroethane
Concen: 13.51 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:	117	Resp:	58183
Ion	Ratio	Lower	Upper
117	100		
119	100.9	75.8	113.8
201	98.0	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

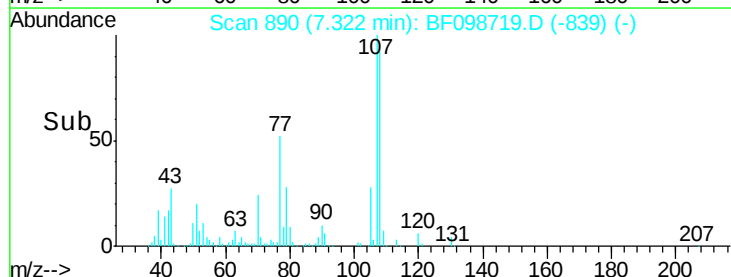
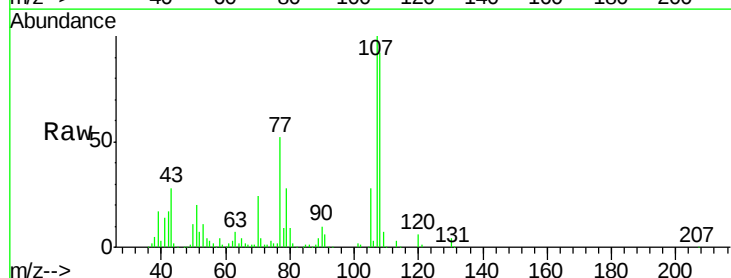
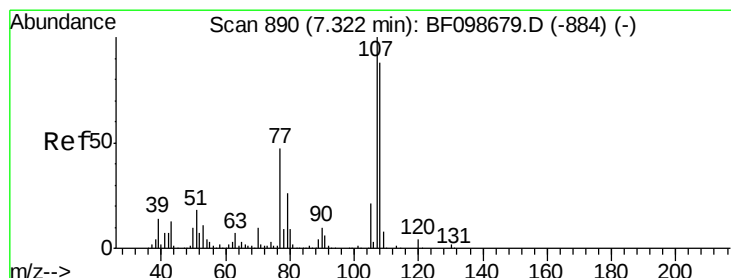
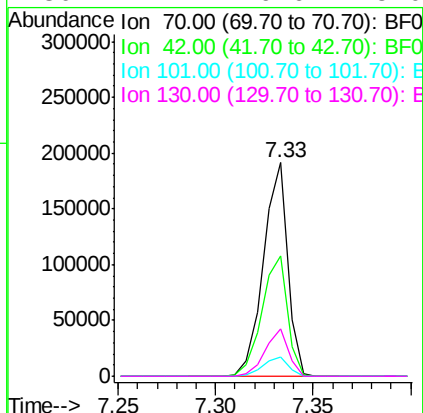




#19
n-Nitroso-di-n-propylamine
Concen: 20.48 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

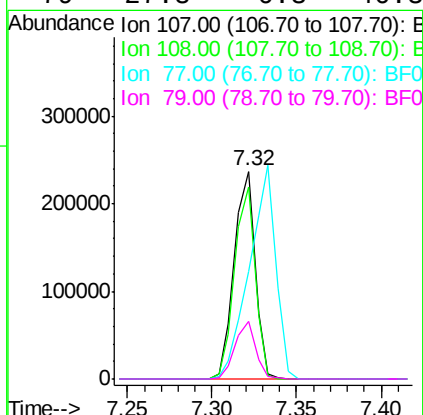
Instrument :
BNA_F
ClientSampled :

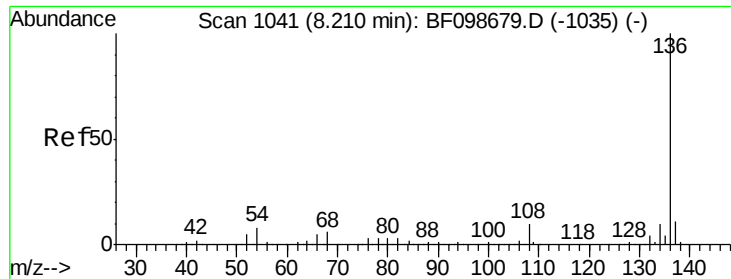
Tot Ion:	70	Resp:	165532
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.5	71.3
101	9.3	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 16.70 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:	107	Resp:	205256
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	51.7	26.7	66.7
79	27.8	6.3	46.3

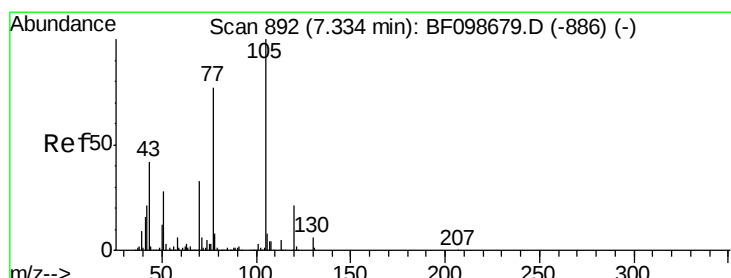
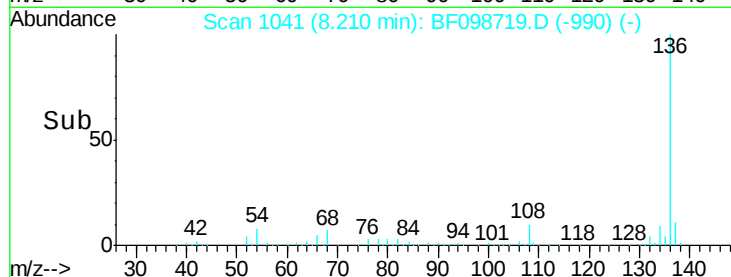
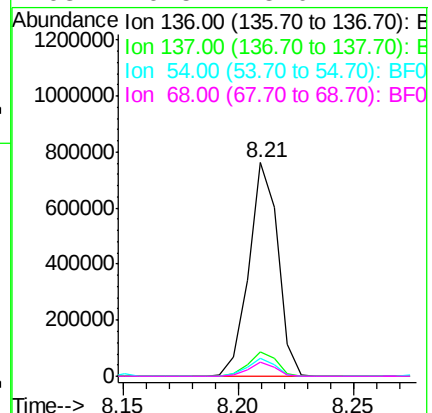
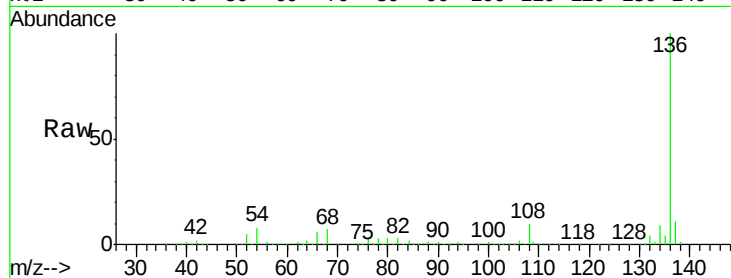




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

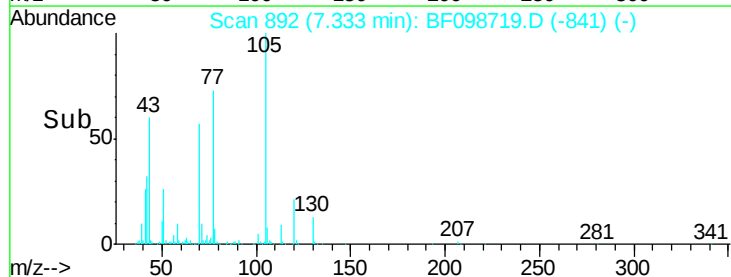
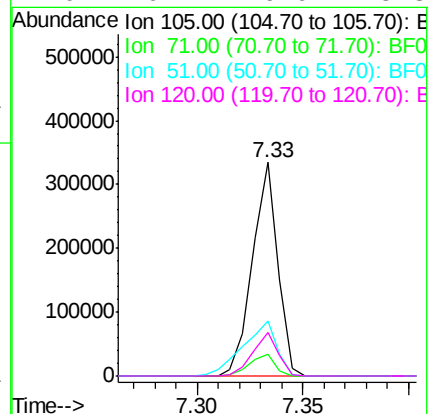
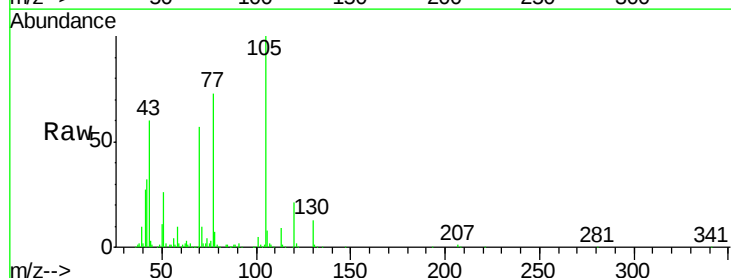
Instrument :
BNA_F
ClientSampleId :

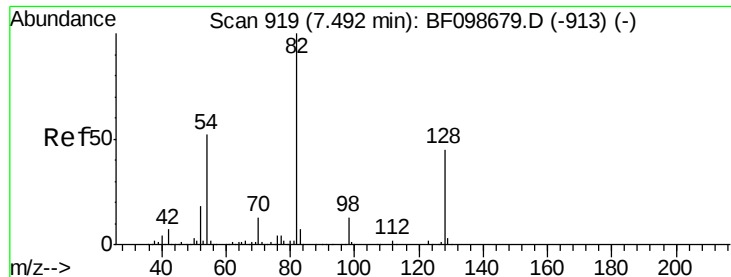
Tot Ion:136	Resp:	672066
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.3	6.6 9.8
68	6.5	5.0 7.4



#22
Acetophenone
Concen: 16.85 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:105	Resp:	280150
Ion Ratio	Lower	Upper
105	100	
71	10.0	4.4 6.6#
51	26.0	22.3 33.5
120	20.7	16.9 25.3

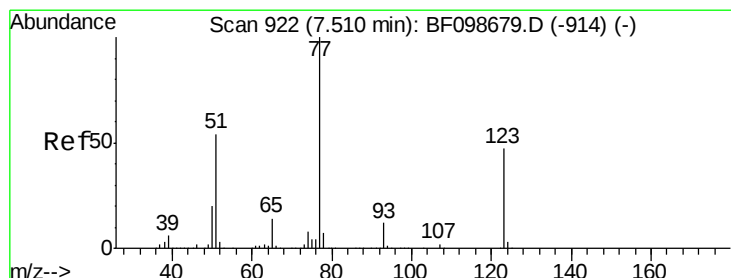
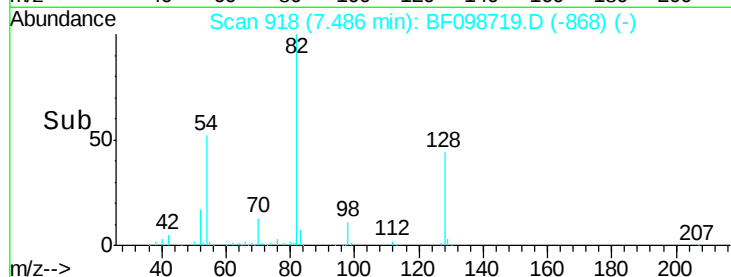
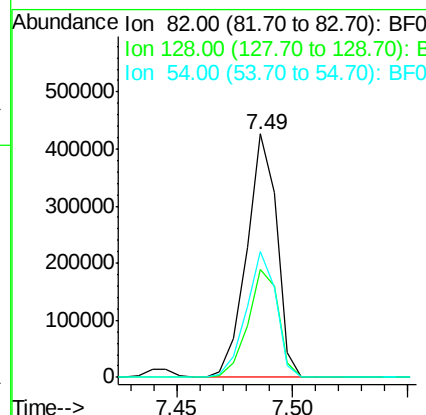
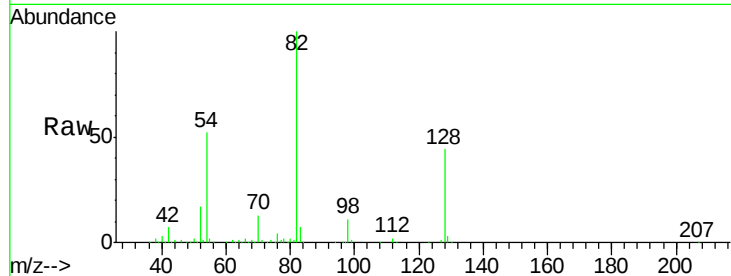




#23
Nitrobenzene-d5
Concen: 39.17 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

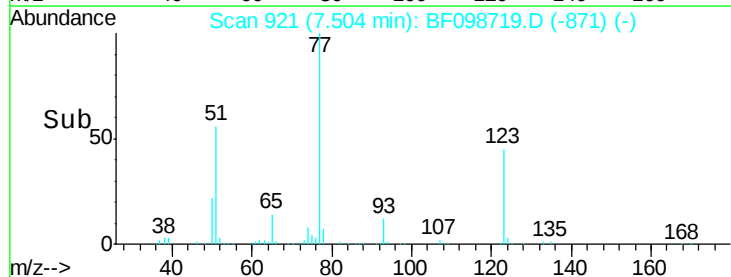
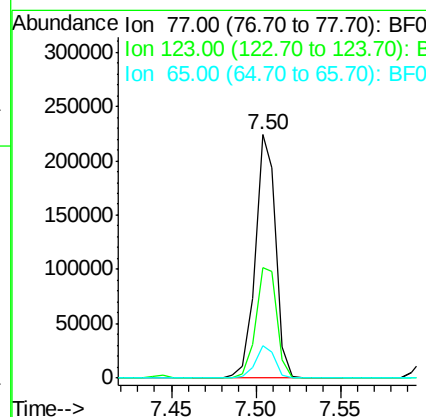
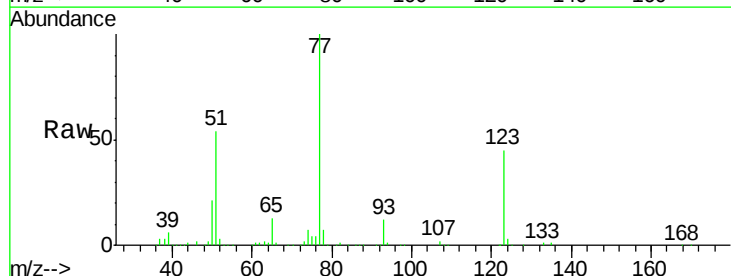
Instrument :
BNA_F
ClientSampled :

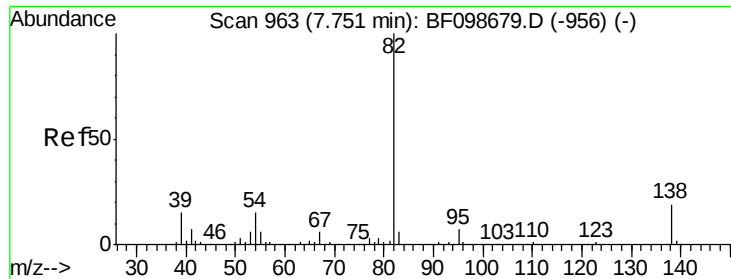
Tot Ion	82	Resp	388064
Ion Ratio	100	Lower	Upper
128	44.2	36.1	54.1
54	51.9	41.4	62.2



#24
Nitrobenzene
Concen: 16.54 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	77	Resp	189304
Ion Ratio	100	Lower	Upper
123	45.4	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 21.08 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

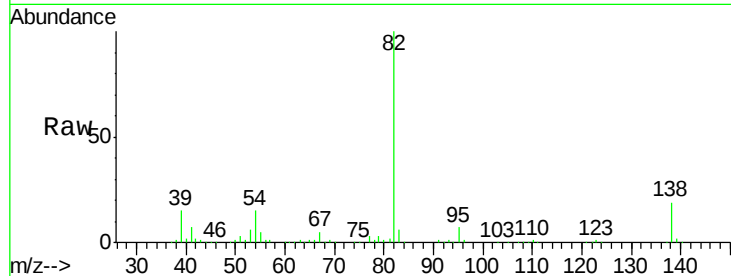
Tot Ion: 82 Resp: 455519

Ion Ratio Lower Upper

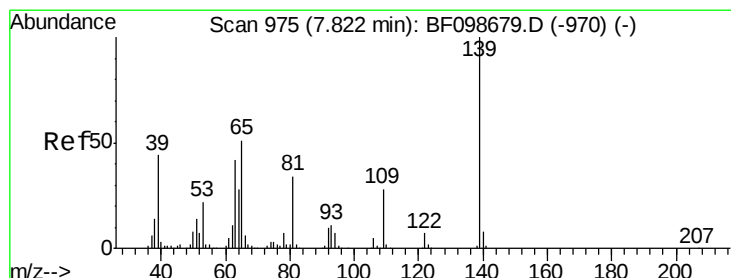
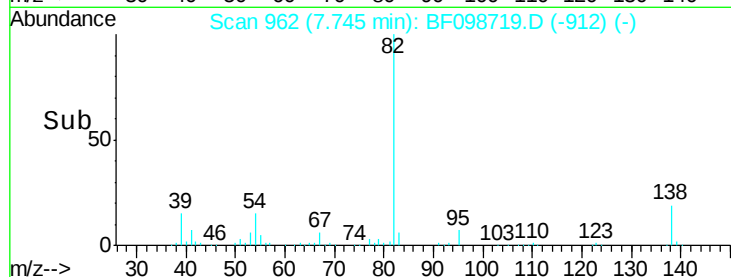
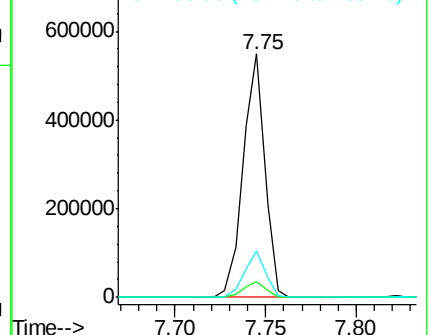
82 100

95 6.6 5.2 7.8

138 19.1 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: 21.13 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

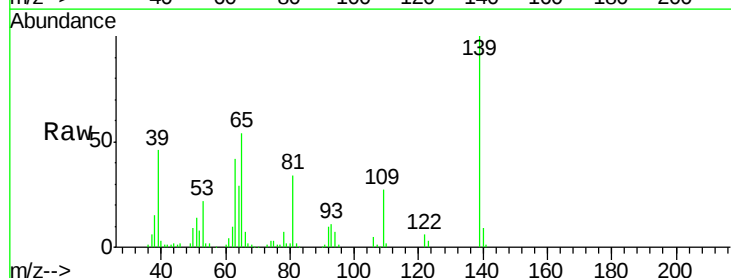
Tgt Ion: 139 Resp: 88571

Ion Ratio Lower Upper

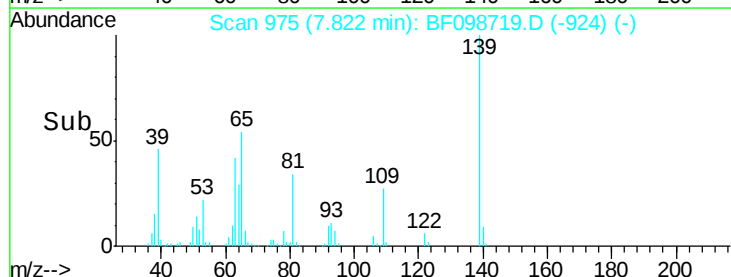
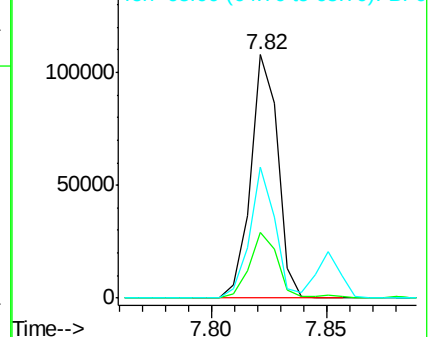
139 100

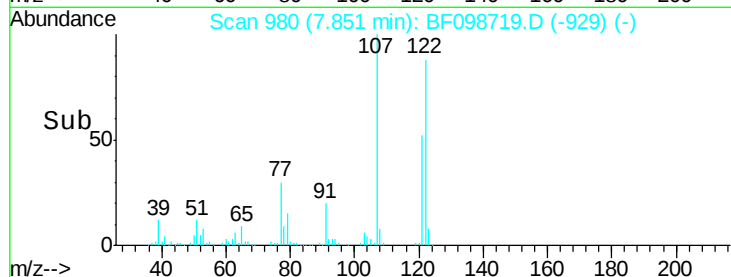
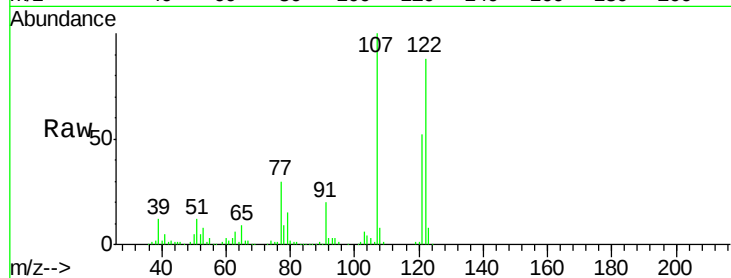
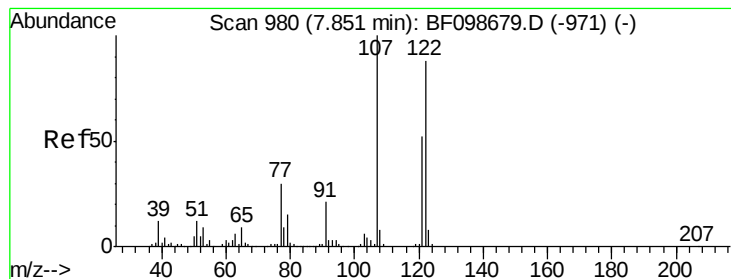
109 27.2 22.7 34.1

65 53.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 15.79 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

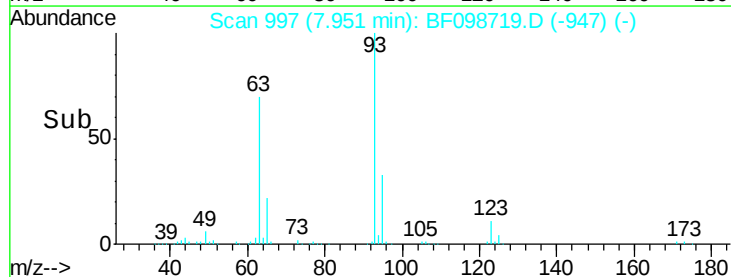
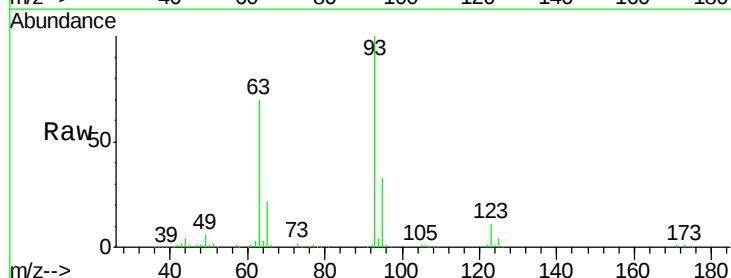
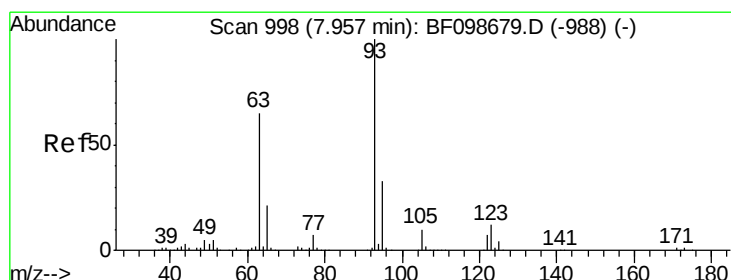
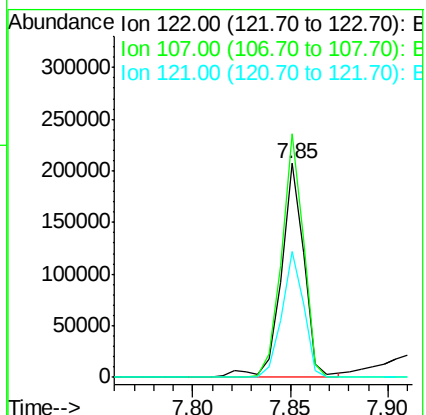
Tot Ion:122 Resp: 167539

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

121 58.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 19.28 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

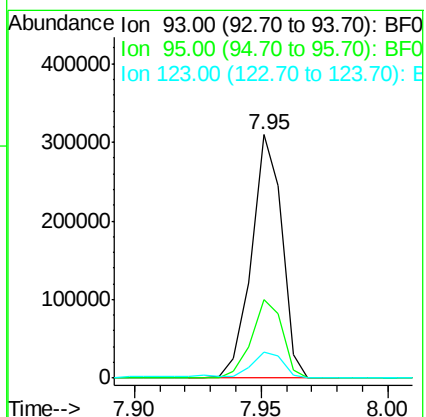
Tgt Ion: 93 Resp: 259228

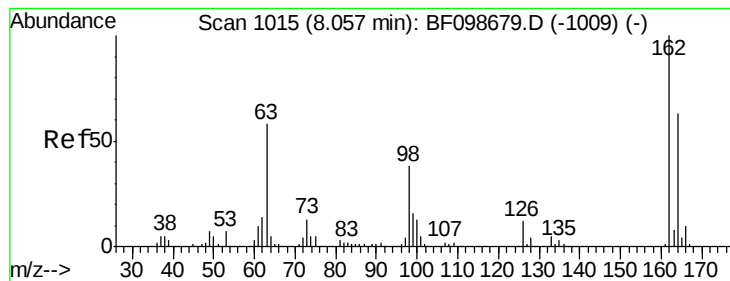
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 10.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 17.86 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

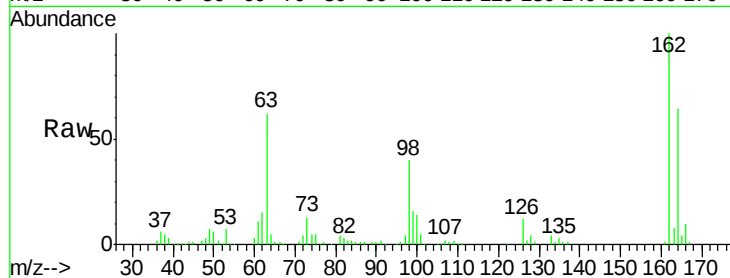
Tot Ion:162 Resp: 163076

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

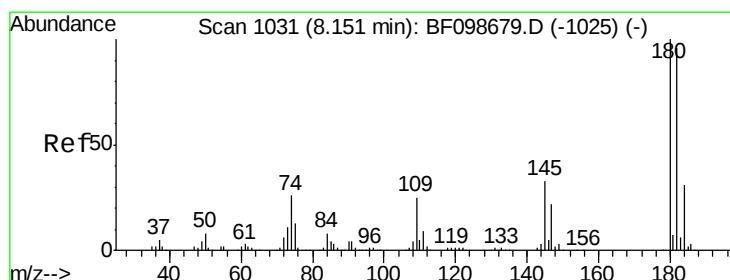
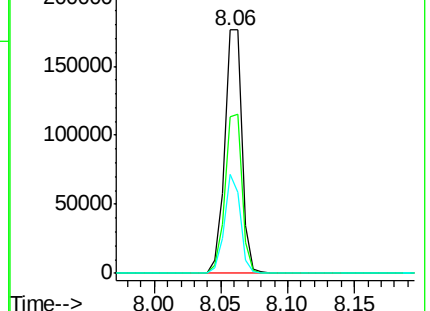
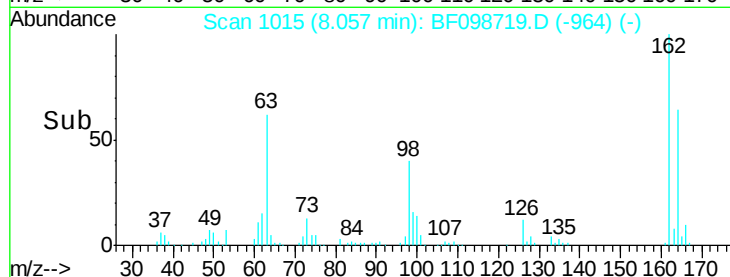
98 40.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 15.78 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

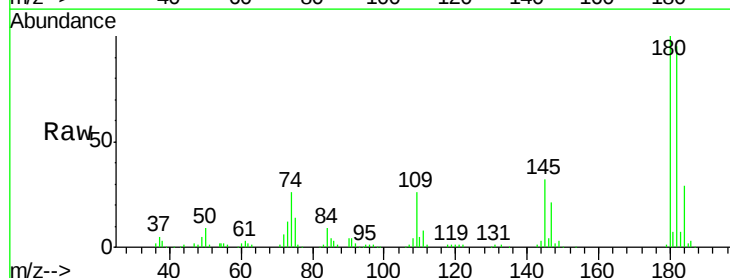
Tgt Ion:180 Resp: 145297

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

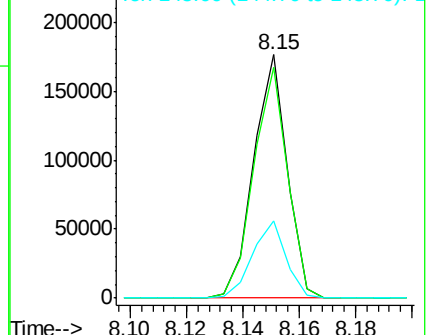
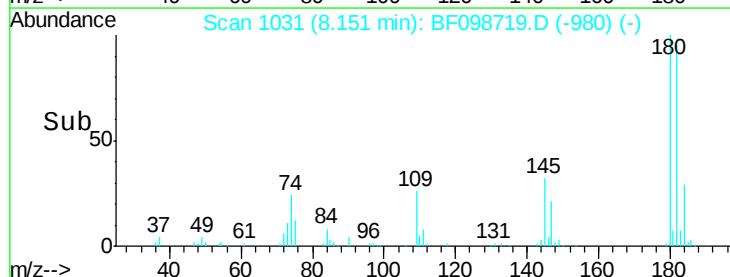
145 31.8 26.5 39.7

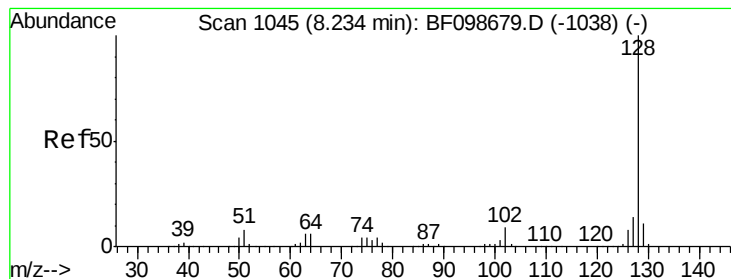


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 16.59 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

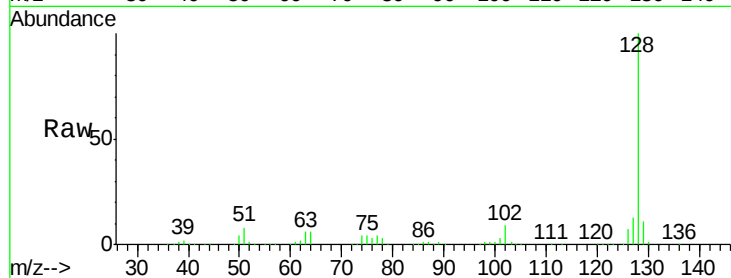
Tot Ion:128 Resp: 529109

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

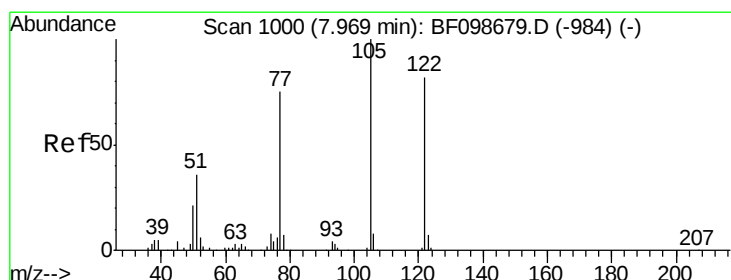
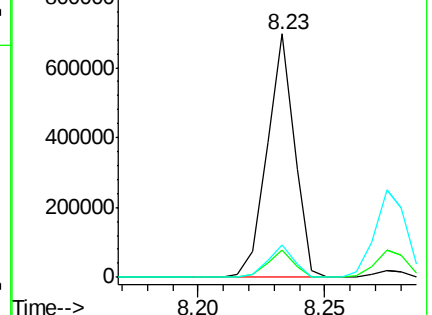
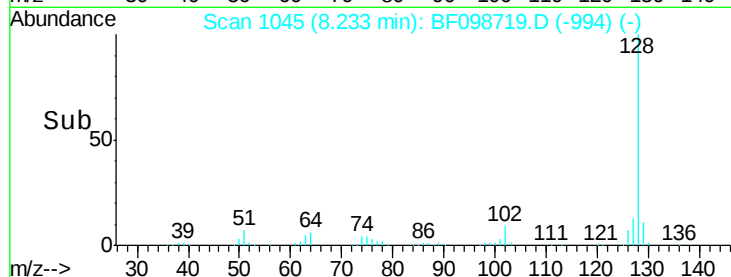
127 13.4 10.9 16.3



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: 15.62 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.04 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

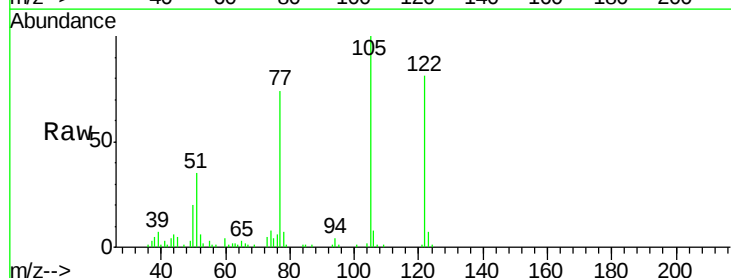
Tgt Ion:122 Resp: 73964

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

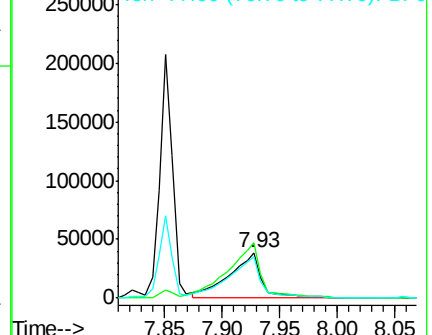
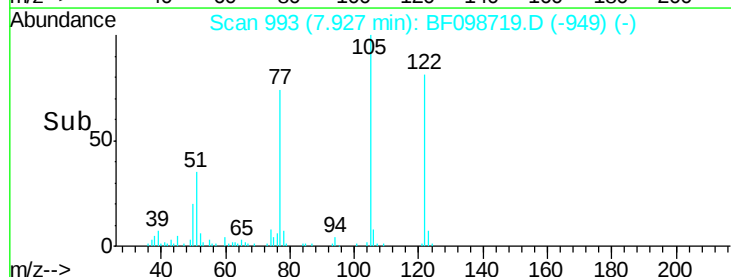
77 91.0 70.7 110.7

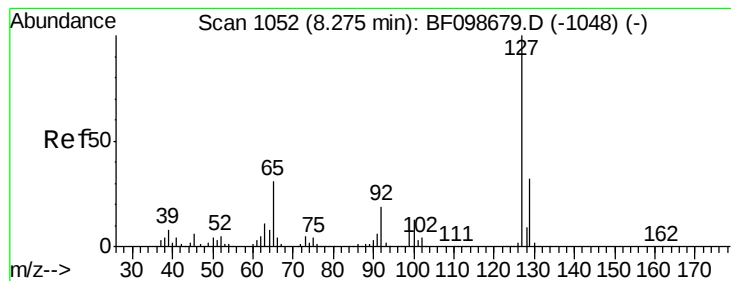


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.58 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 219890

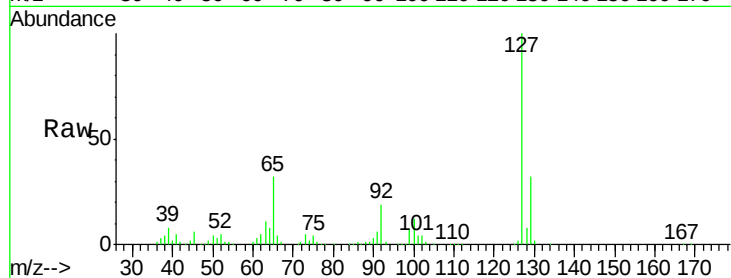
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 32.2 25.0 37.4

92 18.9 15.2 22.8

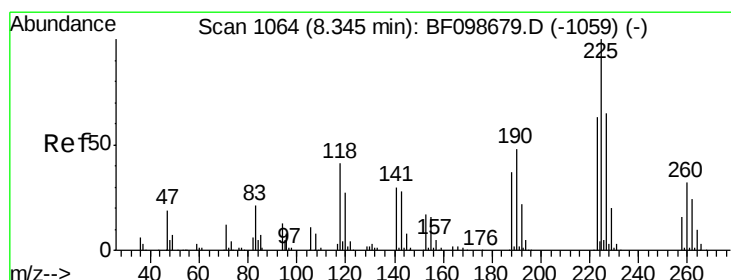
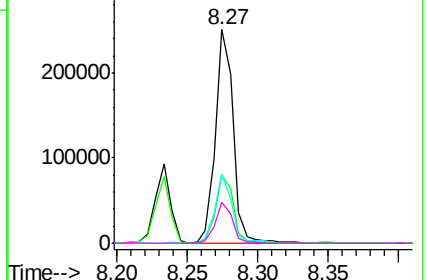
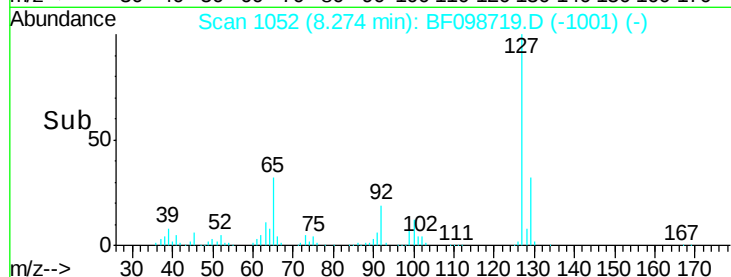


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 14.79 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

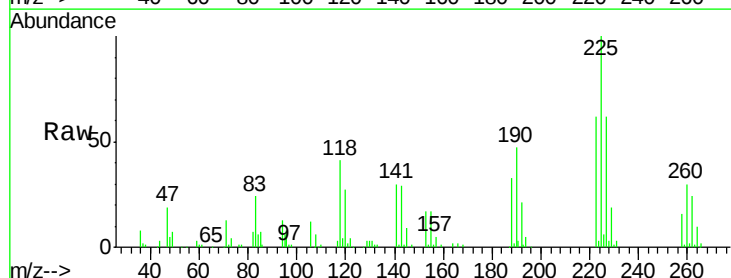
Tgt Ion:225 Resp: 73344

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

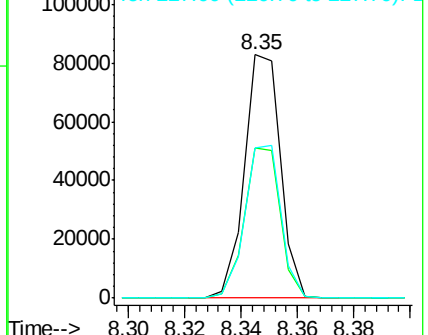
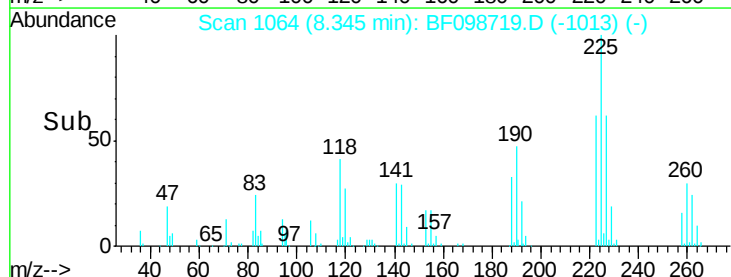
227 61.8 51.9 77.9

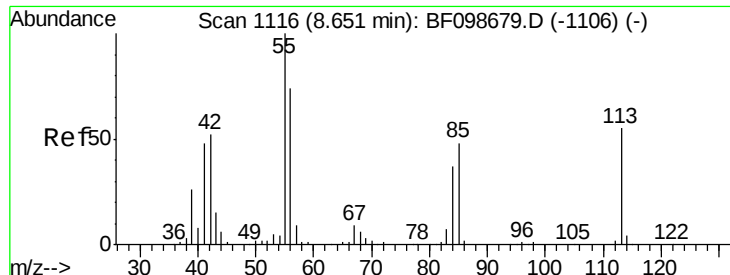


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

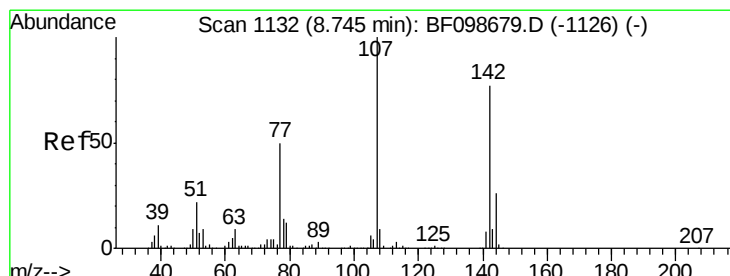
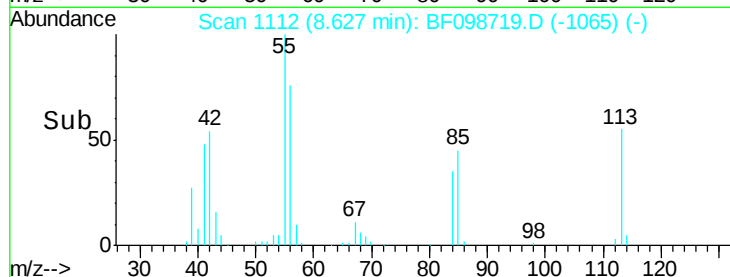
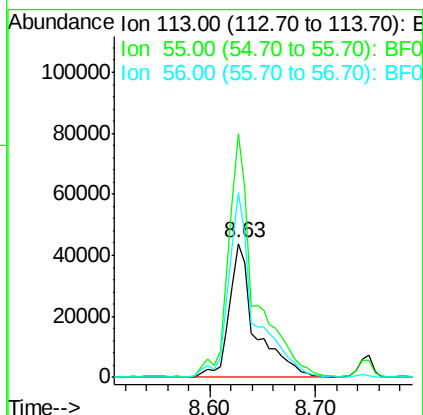
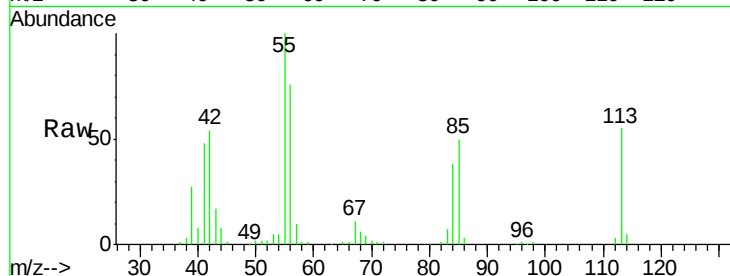




#35
 Caprolactam
 Concen: 26.40 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

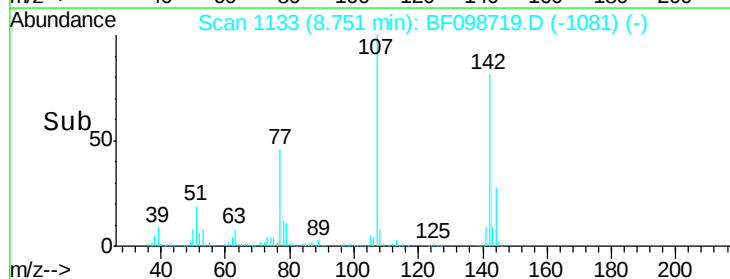
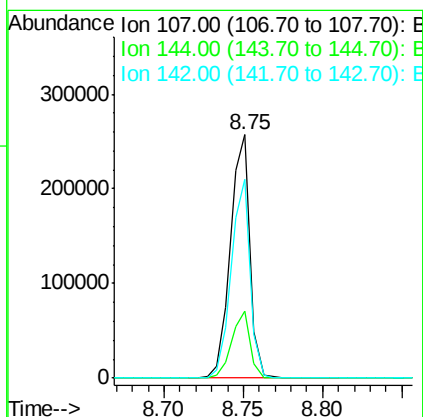
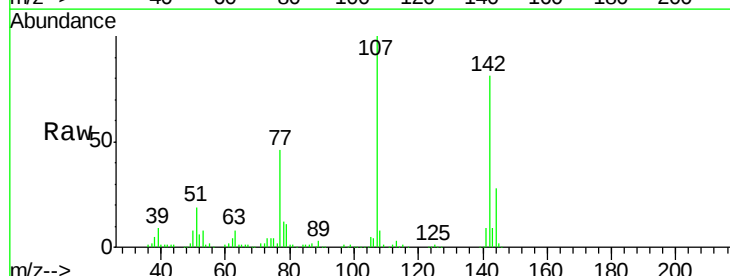
Instrument :
 BNA_F
 ClientSampleId :

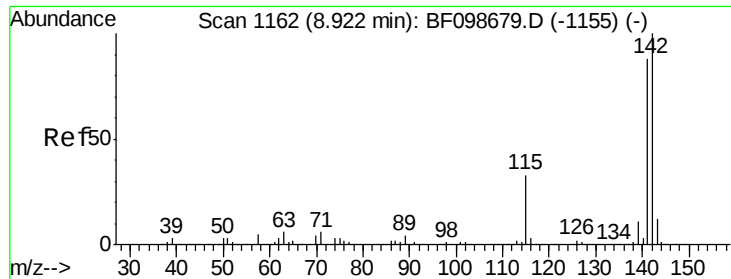
Tot Ion:113 Resp: 75150
 Ion Ratio Lower Upper
 113 100
 55 182.0 163.3 203.3
 56 138.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 21.12 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:107 Resp: 220017
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.5 30.7
 142 81.5 62.0 93.0

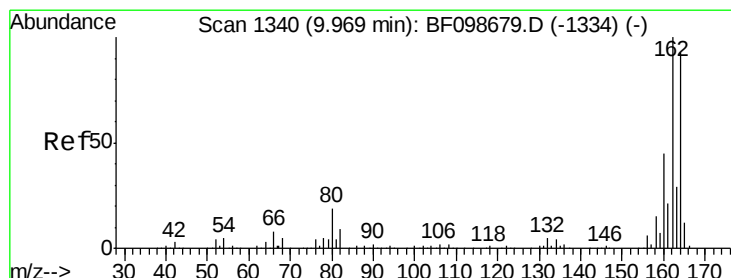
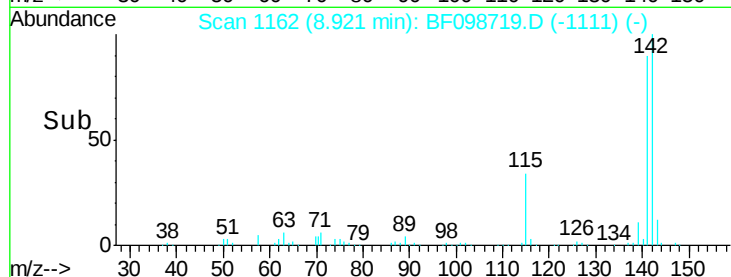
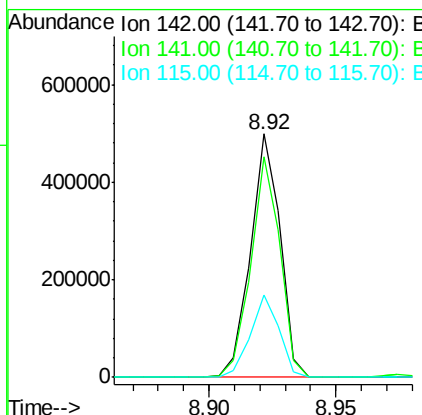
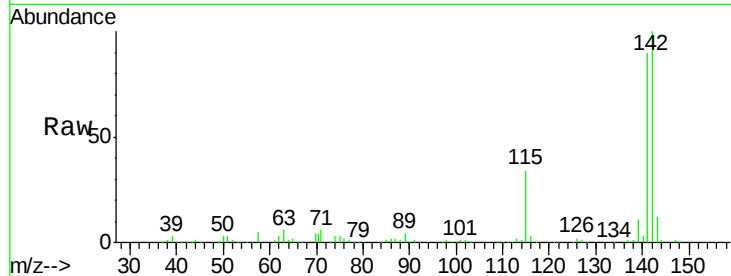




#37
 2-Methylnaphthalene
 Concen: 19.76 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

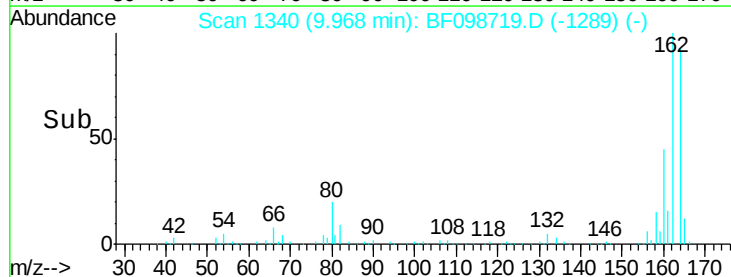
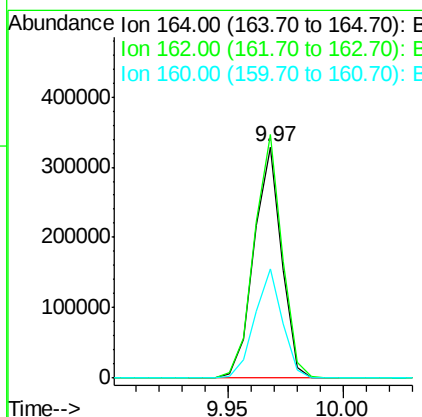
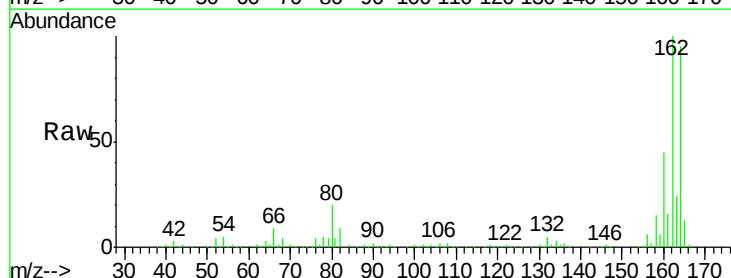
Instrument :
 BNA_F
 ClientSampleId :

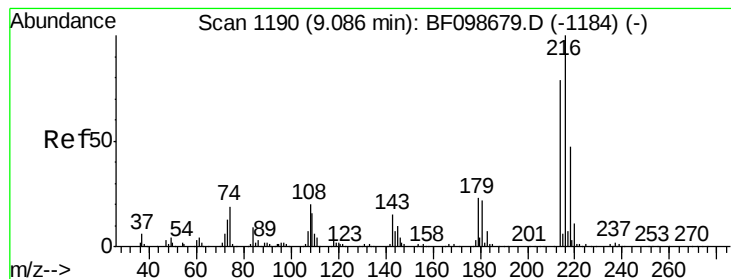
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	33.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.54 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 150419

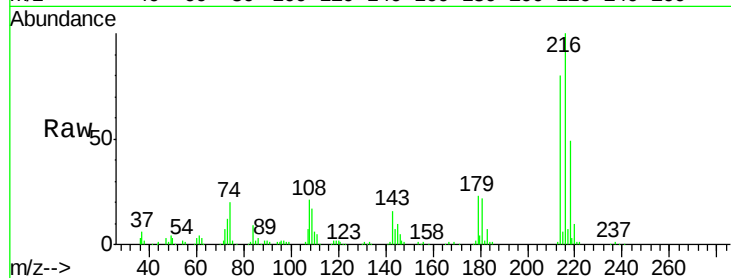
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.0 18.1 27.1

108 20.7 17.2 25.8

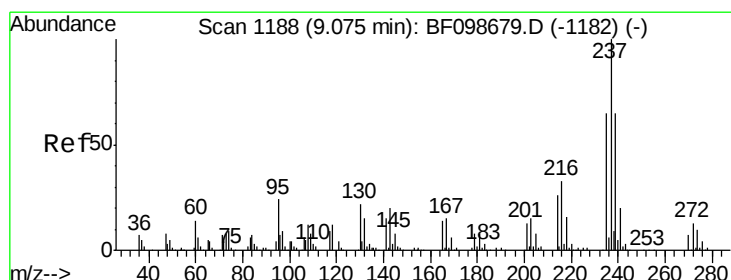
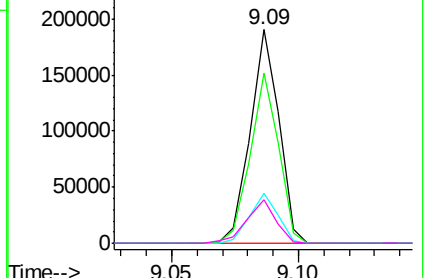
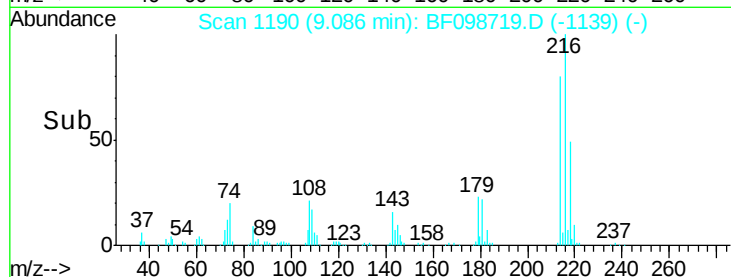


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.76 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

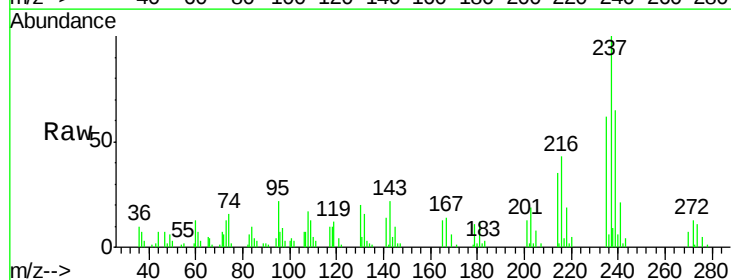
Tgt Ion:237 Resp: 27353

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

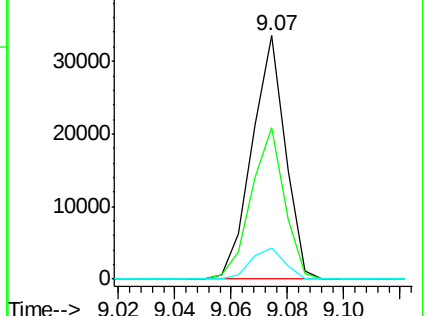
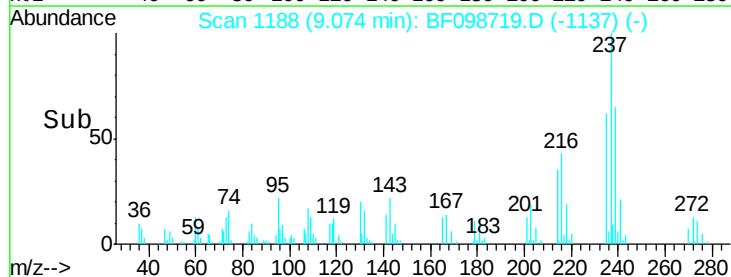
272 12.9 0.0 33.3

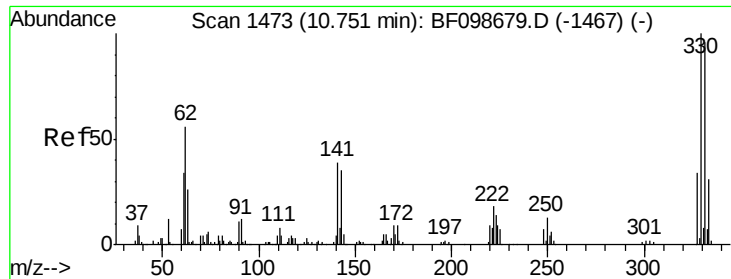


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

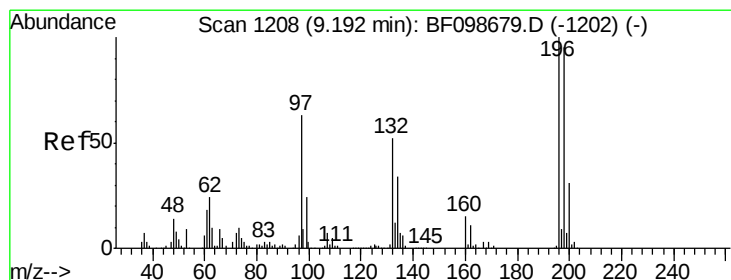
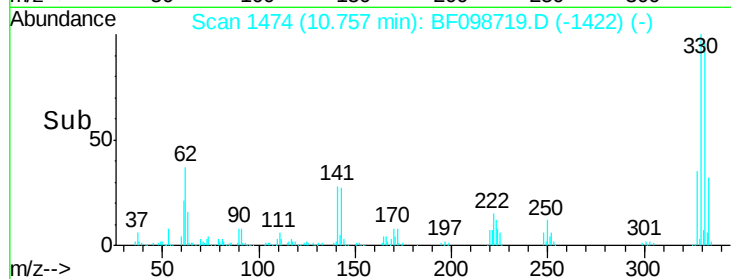
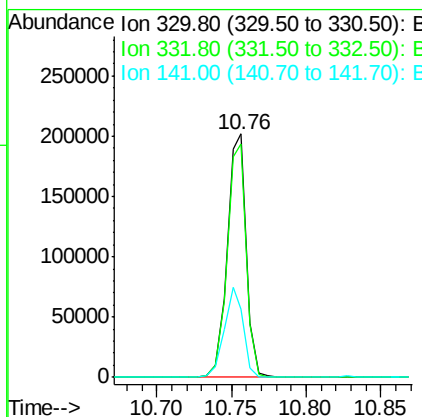
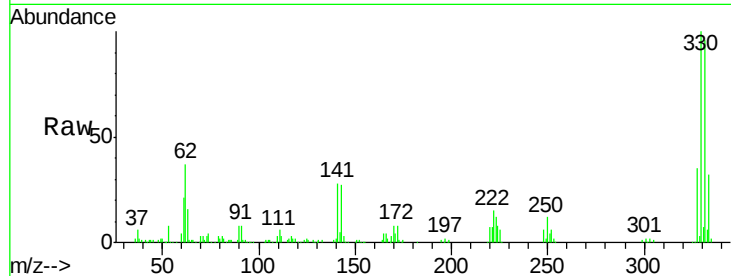




#41
 2,4,6-Tribromophenol
 Concen: 72.92 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

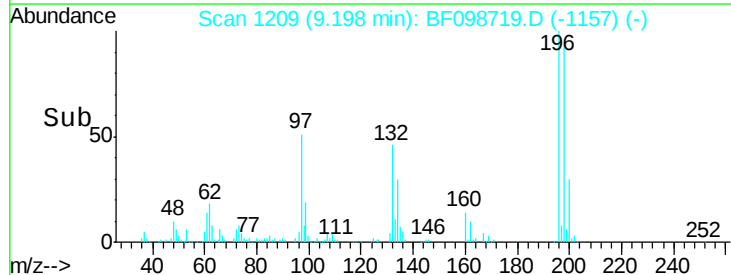
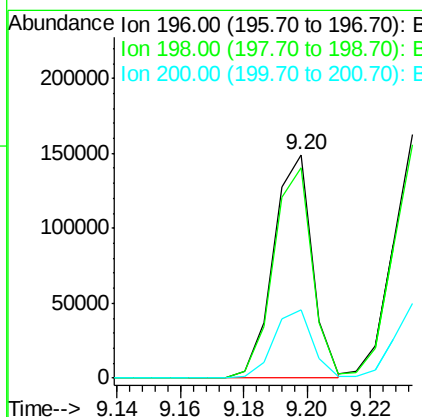
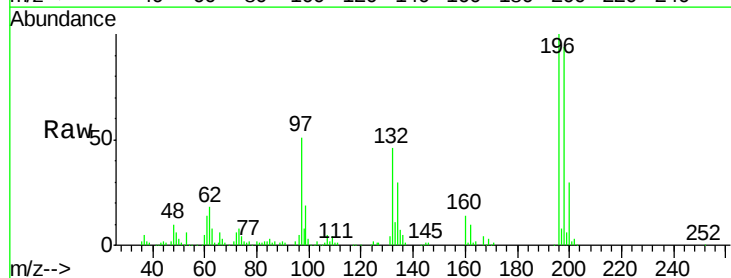
Instrument :
 BNA_F
 ClientSampled :

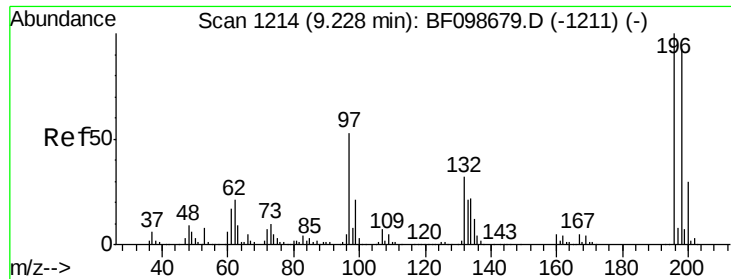
Tot Ion:330 Resp: 182938
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 23.20 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:196 Resp: 126869
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.4 24.5 36.7

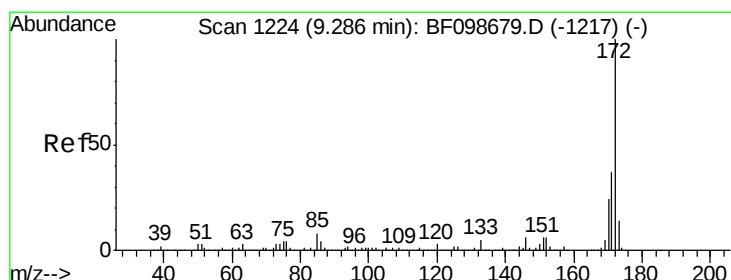
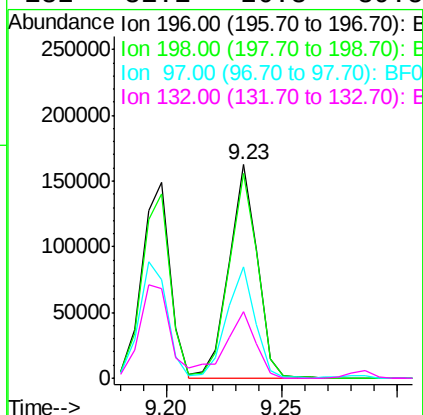
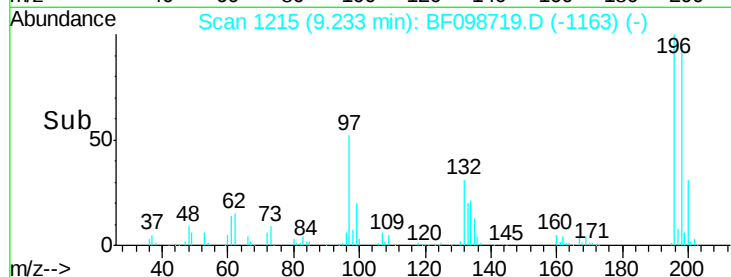
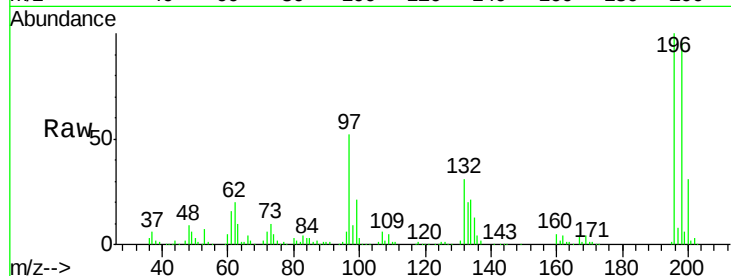




#43
 2,4,5-Trichlorophenol
 Concen: 24.81 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

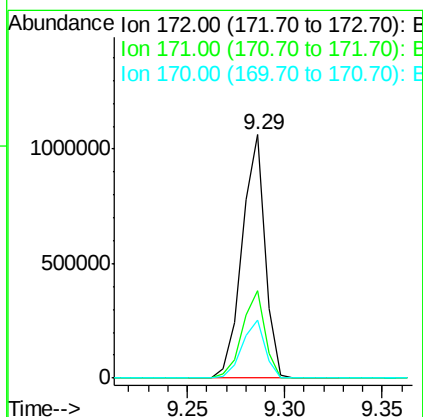
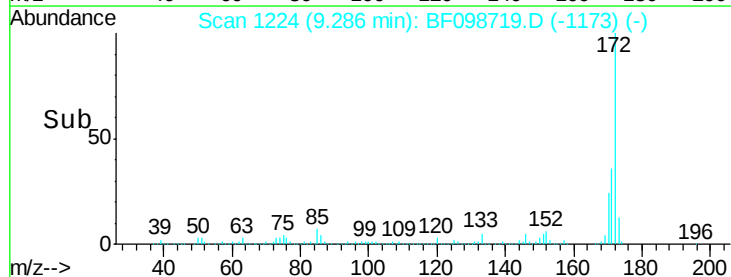
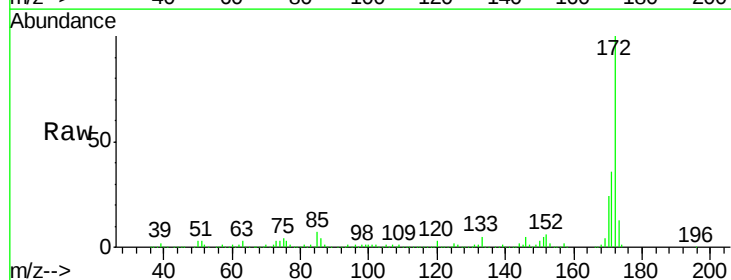
Instrument :
 BNA_F
 ClientSampled :

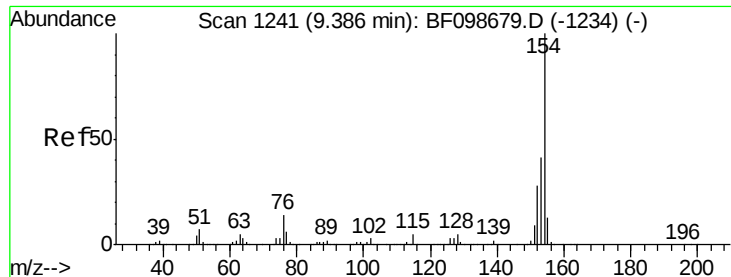
Tot Ion	Ratio	Resp	Lower	Upper
196	100	139099		
198	96.1		74.6	112.0
97	52.0		42.9	64.3
132	31.1		26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 50.04 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	862638		
171	35.8		29.7	44.5
170	23.7		19.6	29.4





#45

1,1'-Biphenyl

Concen: 21.51 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

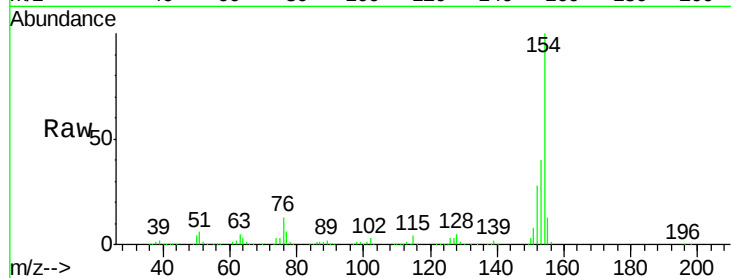
Tot Ion:154 Resp: 507009

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

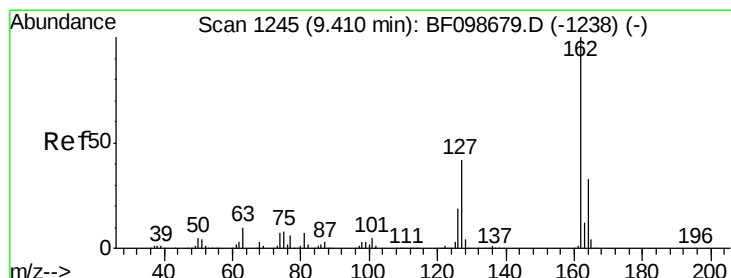
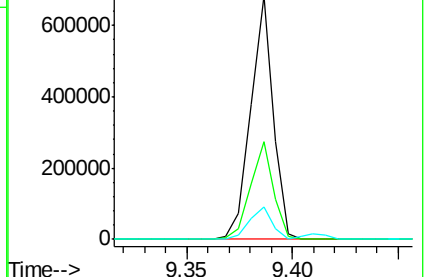
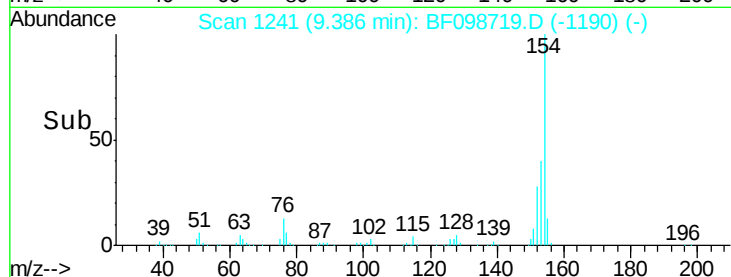
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 21.71 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

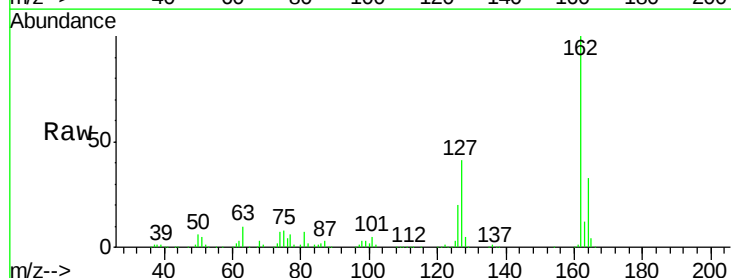
Tgt Ion:162 Resp: 383653

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

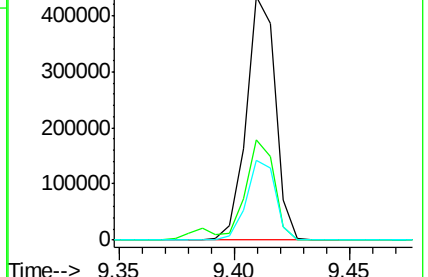
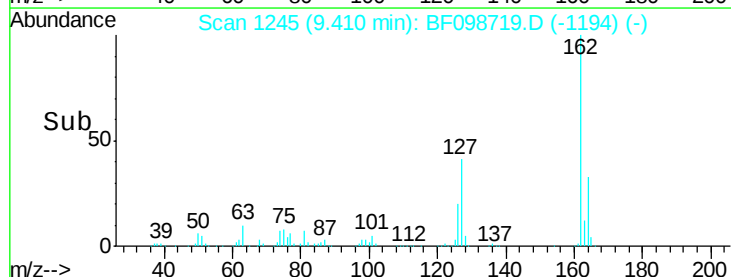
164 32.9 26.5 39.7

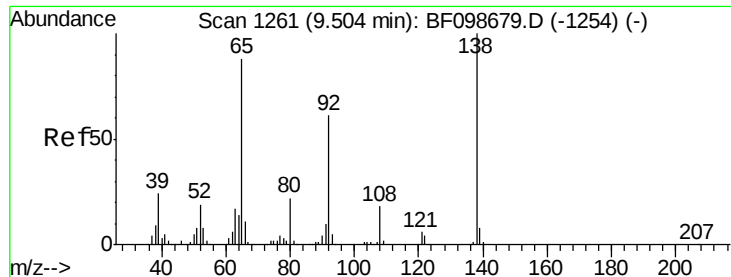


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

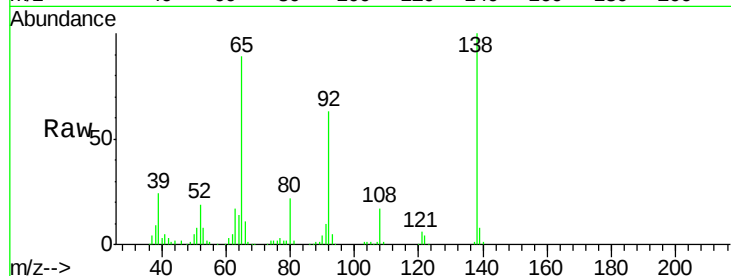




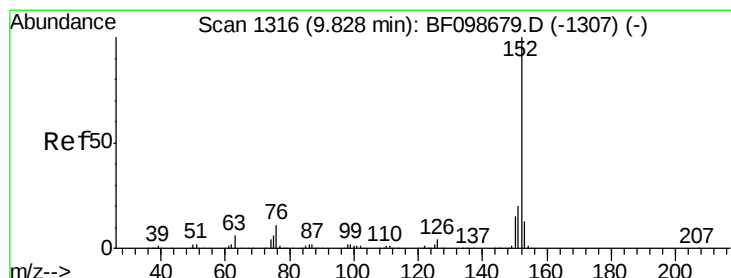
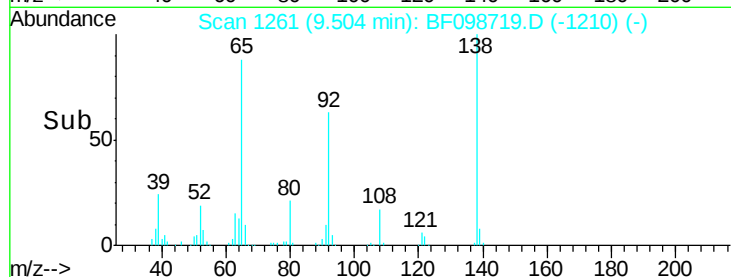
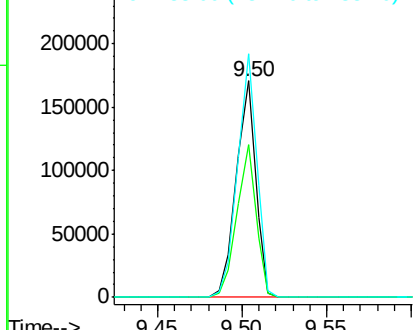
#47
2-Nitroaniline
Concen: 27.81 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	112.5	91.2	136.8

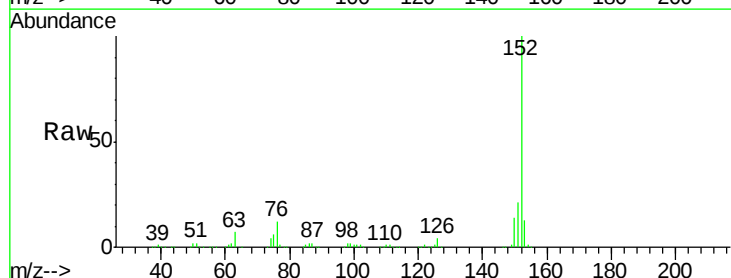


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

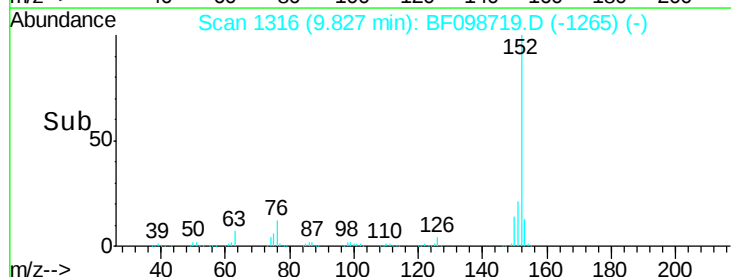
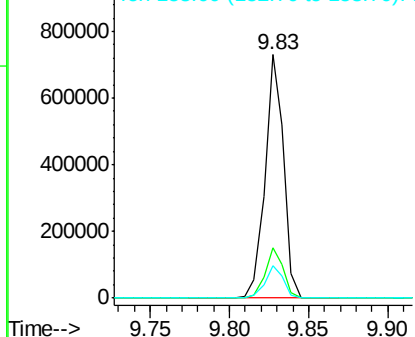


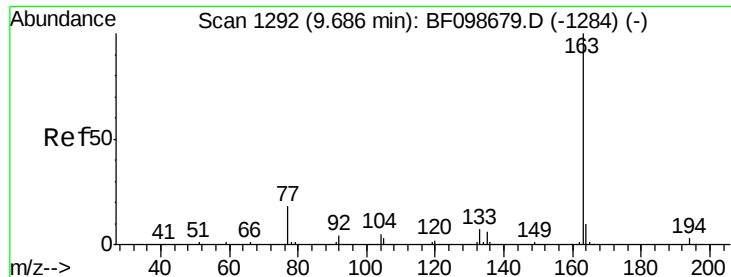
#48
Acenaphthylene
Concen: 22.07 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1



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

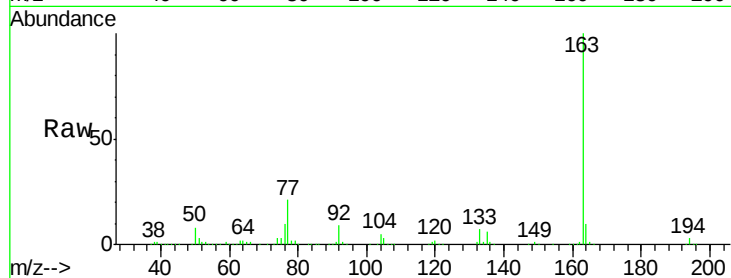




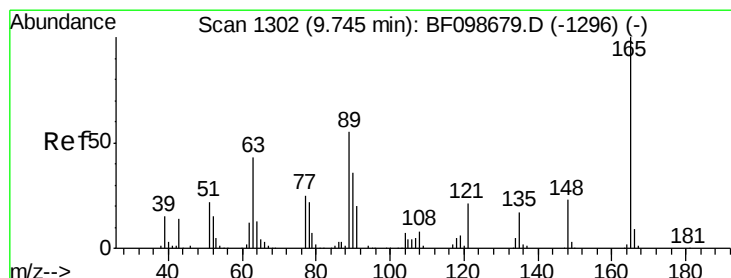
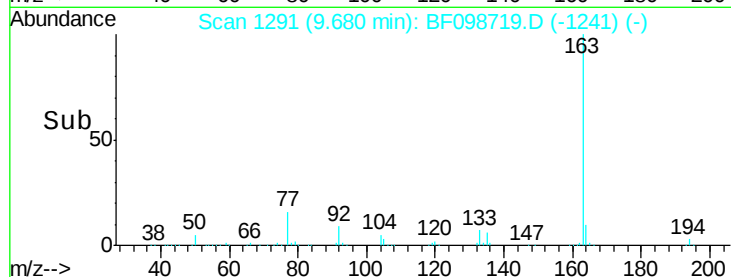
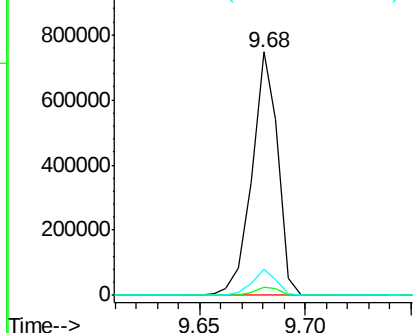
#49
Dimethylphthalate
Concen: 30.86 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 634939
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

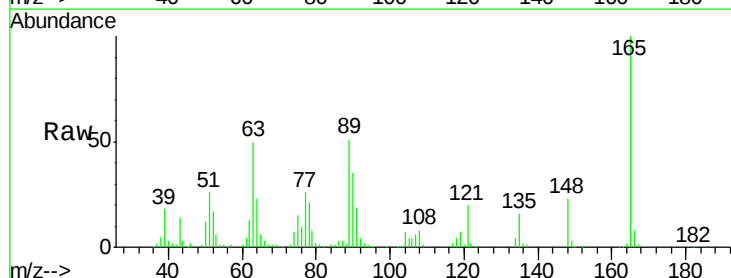


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

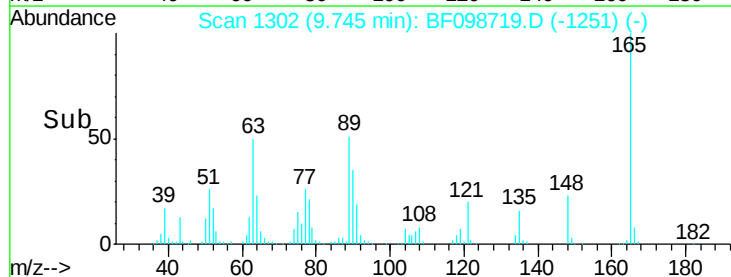
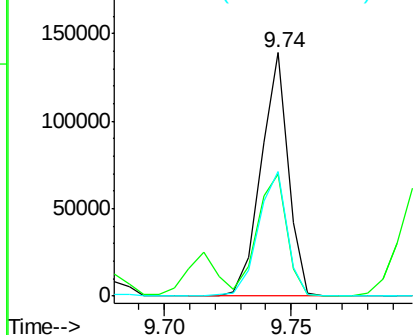


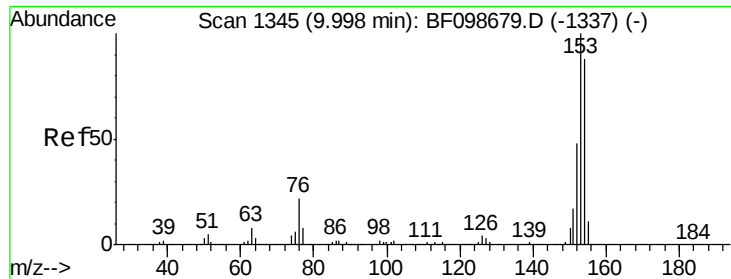
#50
2,6-Dinitrotoluene
Concen: 25.78 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:165 Resp: 104666
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 51.0 44.0 66.0



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





#51

Acenaphthene

Concen: 21.40 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

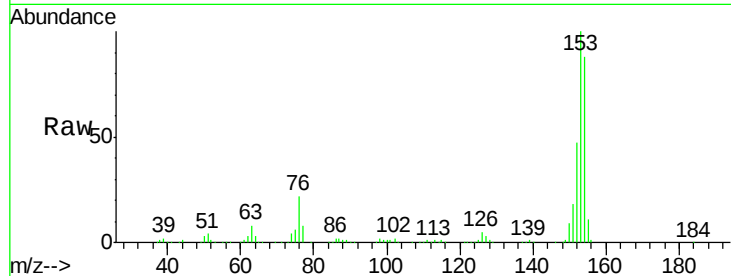
Tot Ion:154 Resp: 361069

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

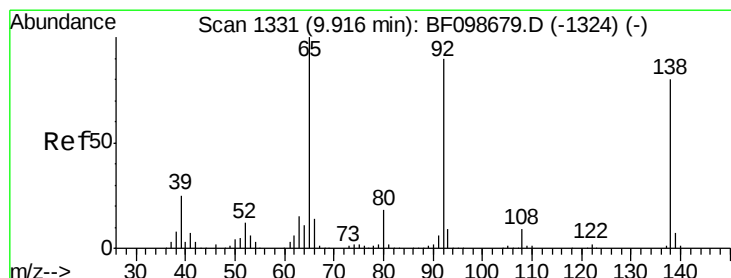
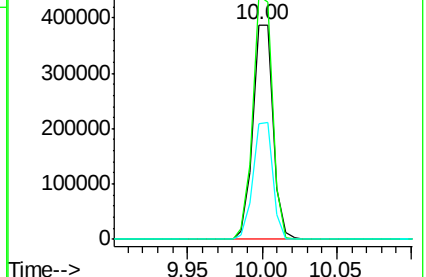
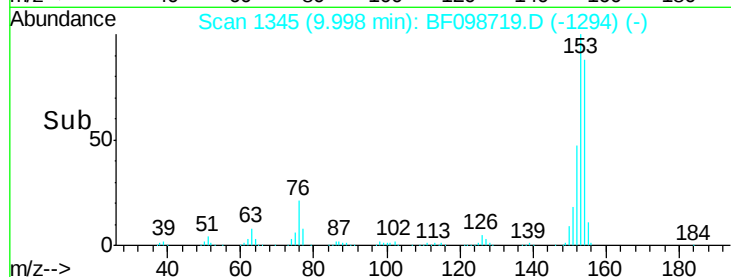
152 53.7 43.8 65.8



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: 23.90 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

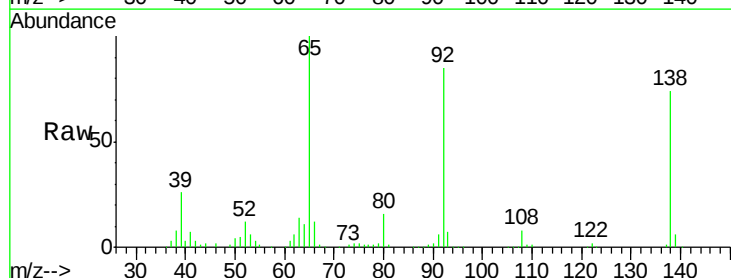
Tgt Ion:138 Resp: 115673

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

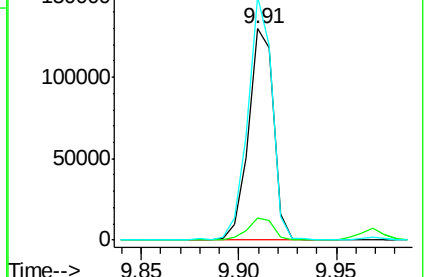
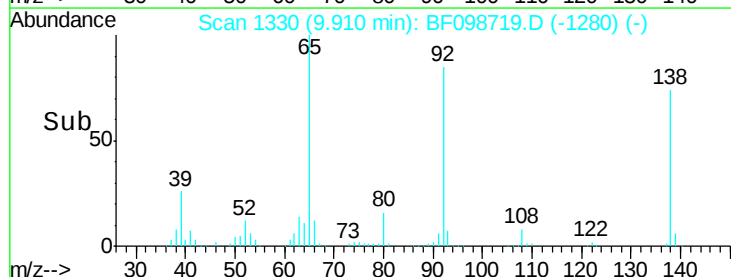
92 115.2 89.4 134.2

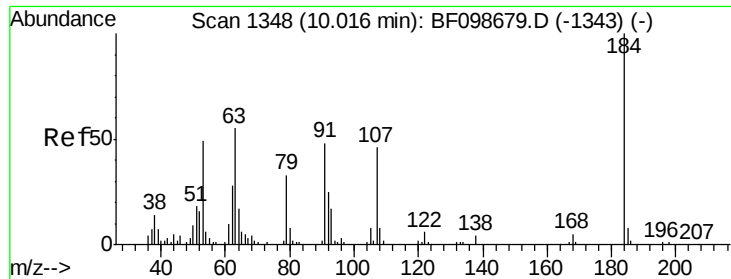


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

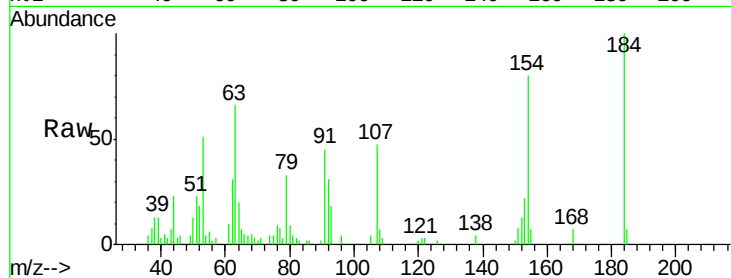




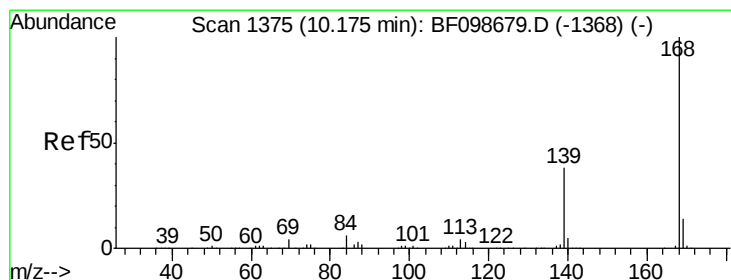
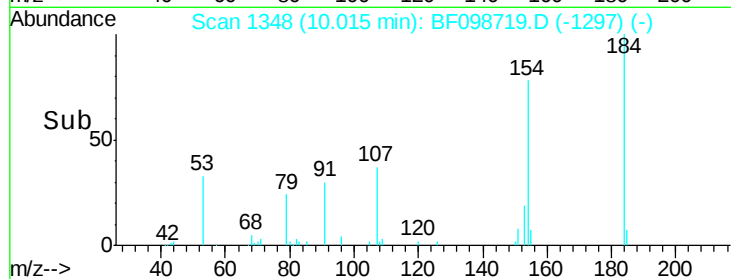
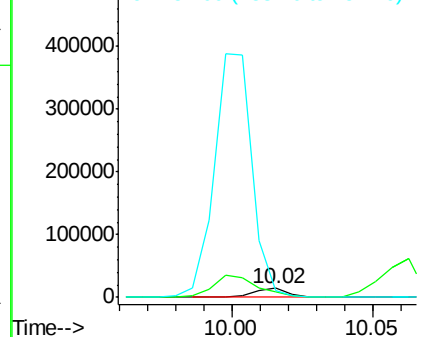
#53
2,4-Dinitrophenol
Concen: 15.02 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 11657
Ion Ratio Lower Upper
184 100
63 66.2 54.2 81.2
154 80.0 53.5 80.3

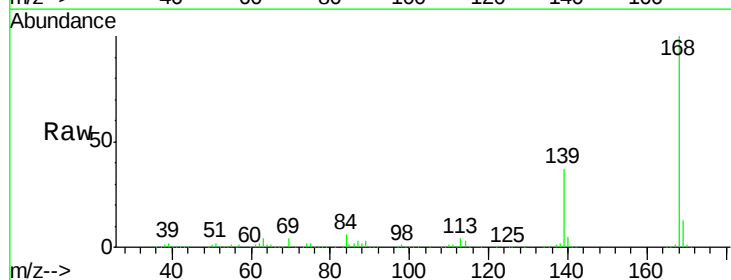


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

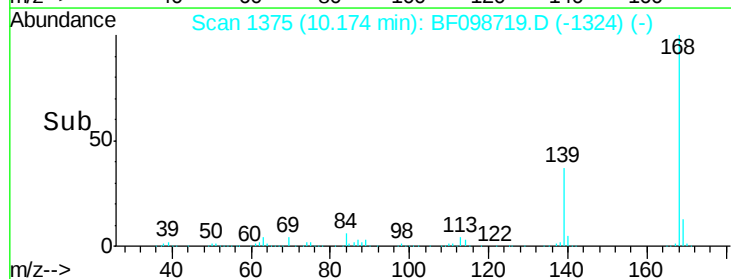
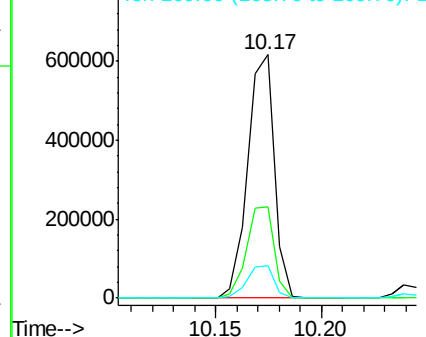


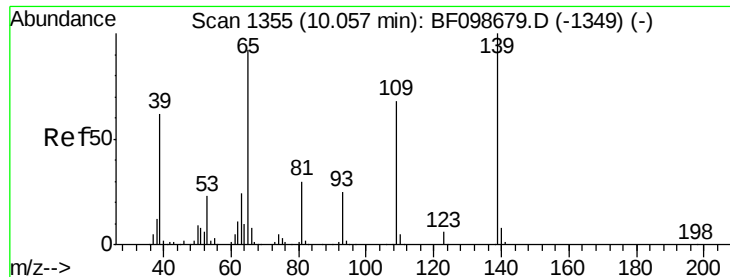
#54
Dibenzofuran
Concen: 23.38 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:168 Resp: 538682
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.3 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

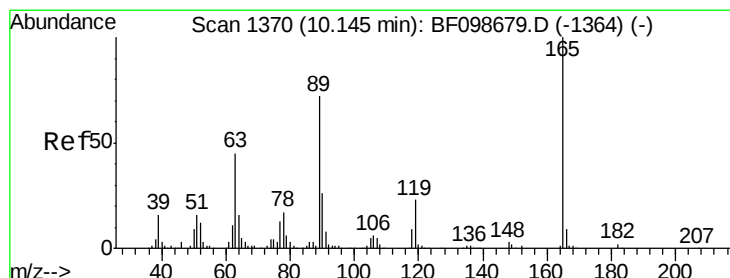
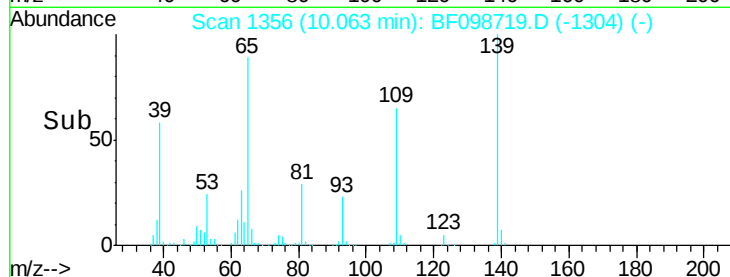
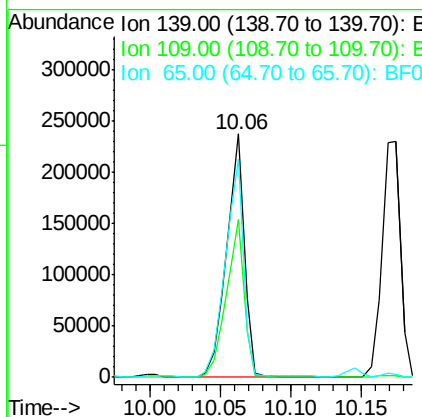
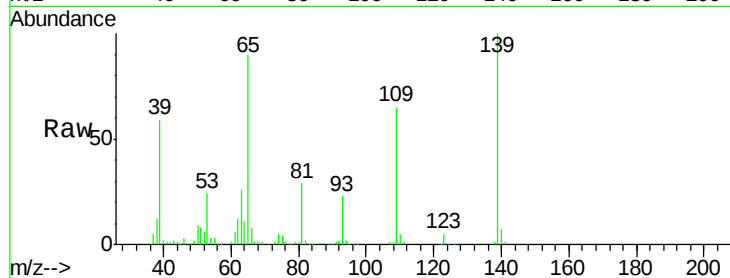




#55
4-Nitrophenol
Concen: 50.09 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

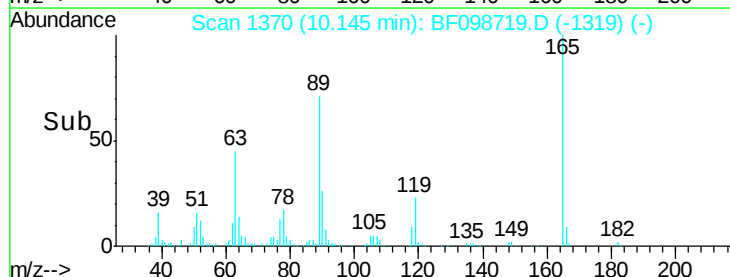
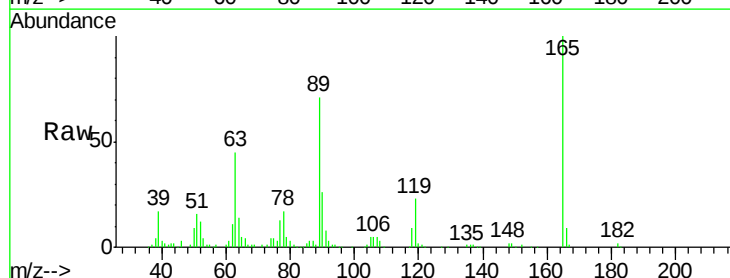
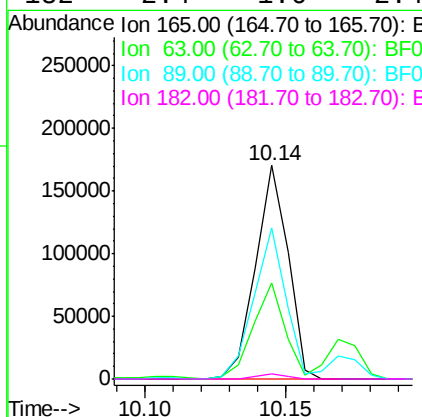
Instrument :
BNA_F
ClientSampleId :

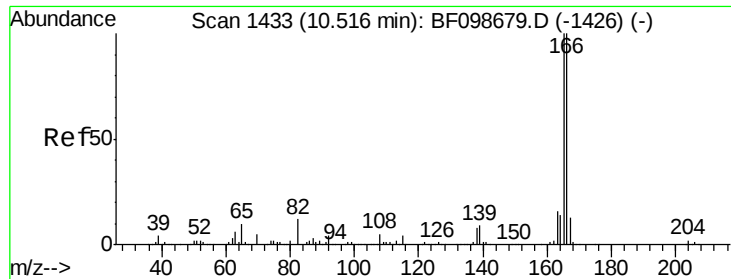
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.8	48.4	88.4
65	89.5	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 25.01 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	36.4	54.6
89	70.7	57.8	86.6
182	2.4	1.6	2.4

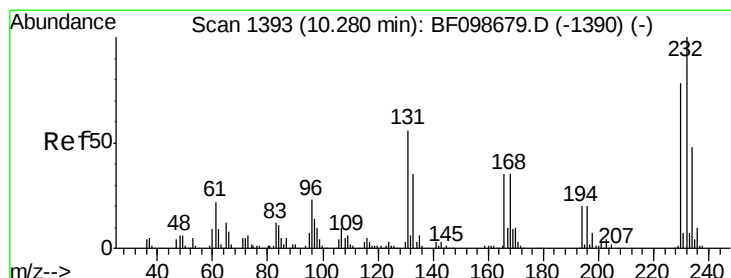
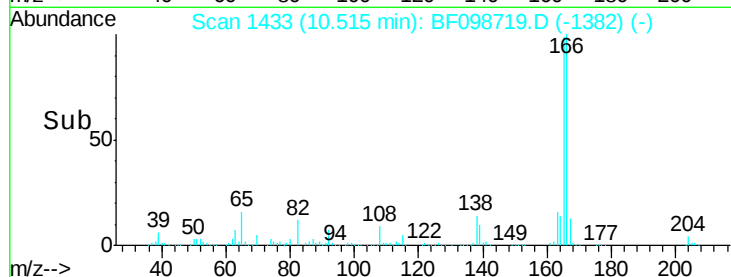
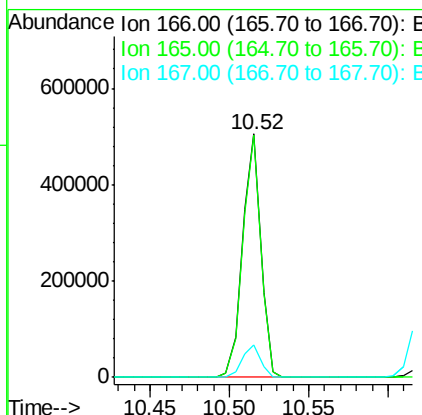
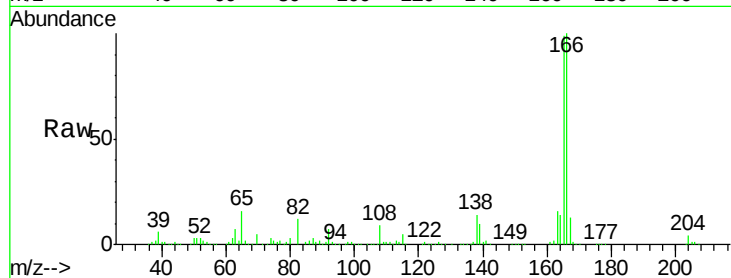




#57
 Fluorene
 Concen: 21.67 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

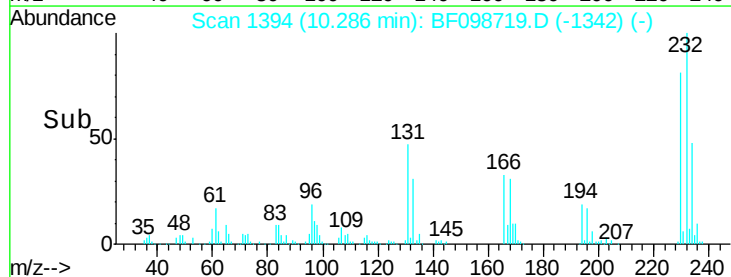
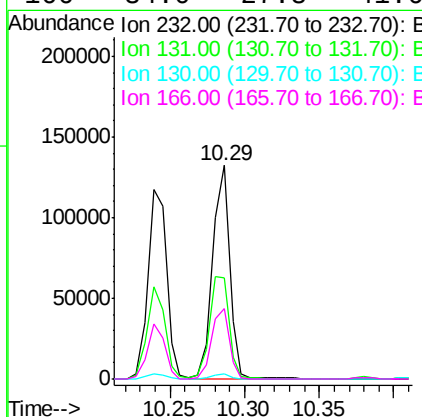
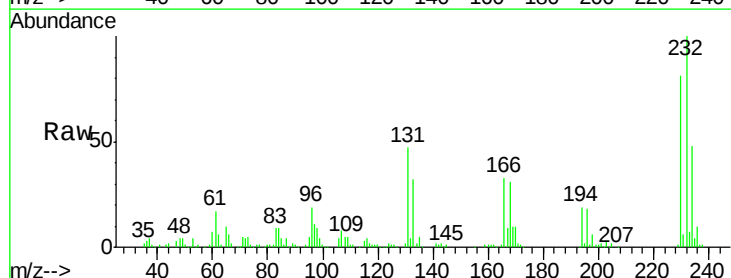
Instrument :
 BNA_F
 ClientSampleId :

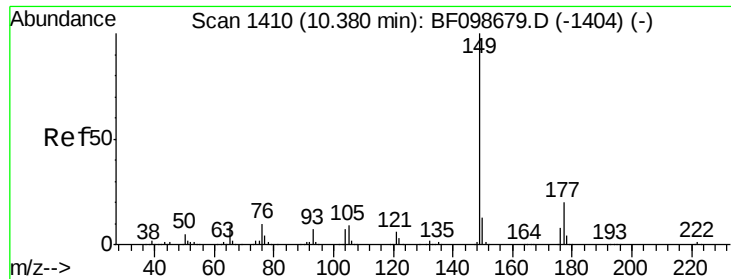
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.49 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.2	43.8	65.8
130	2.5	2.1	3.1
166	34.0	27.8	41.6

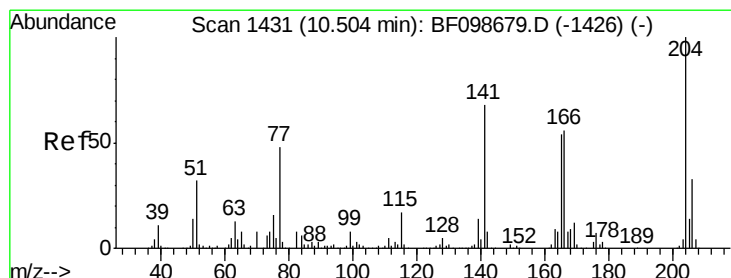
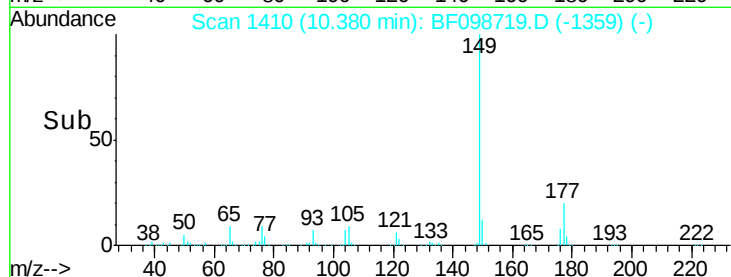
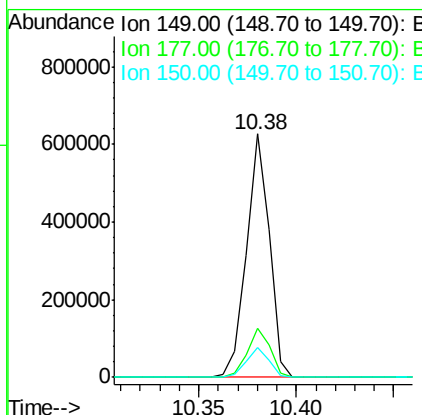
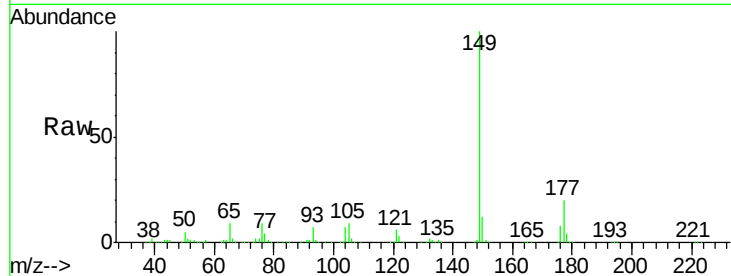




#59
Diethylphthalate
Concen: 25.26 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

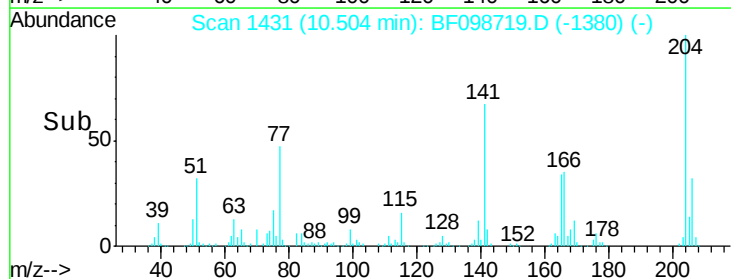
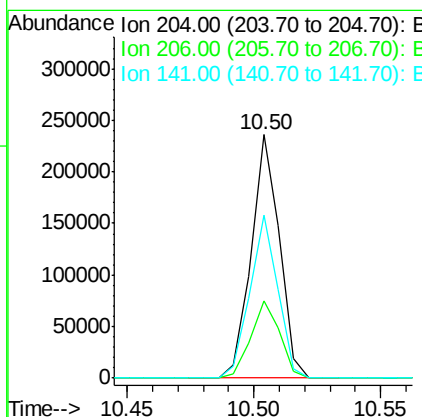
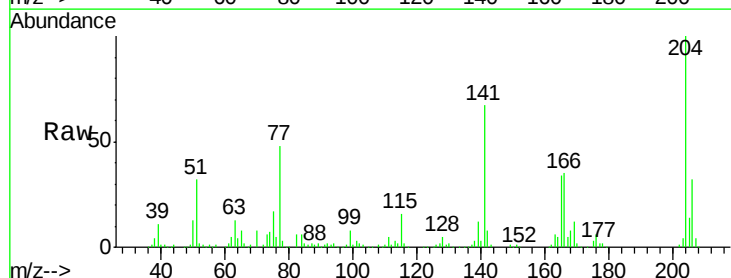
Instrument :
BNA_F
ClientSampleId :

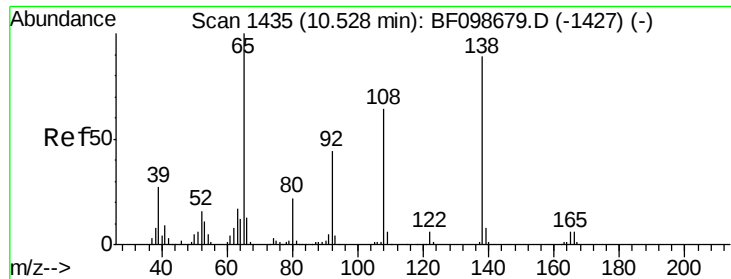
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 22.42 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	66.9	54.6	81.8

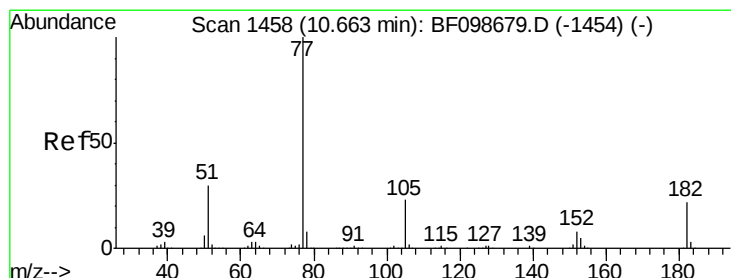
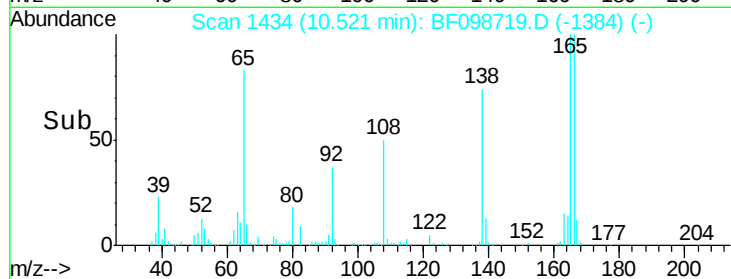
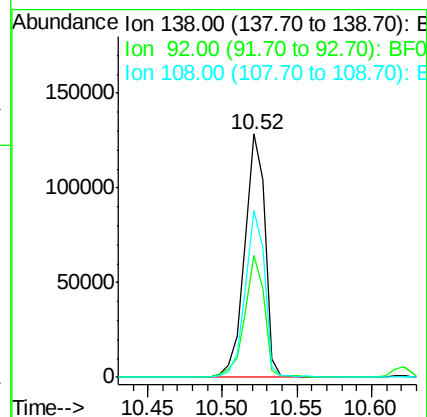
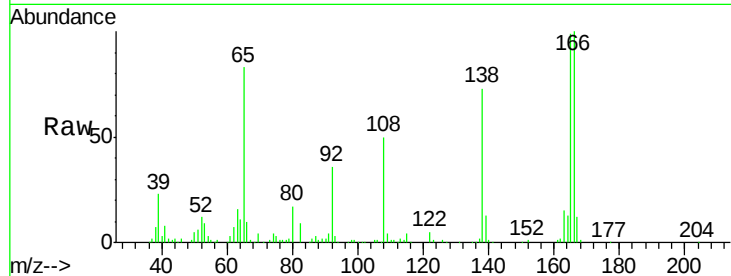




#61
4-Nitroaniline
Concen: 26.24 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

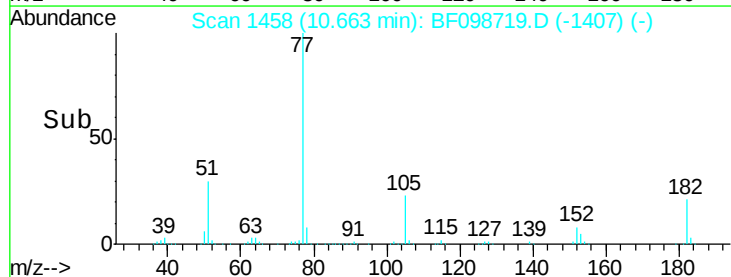
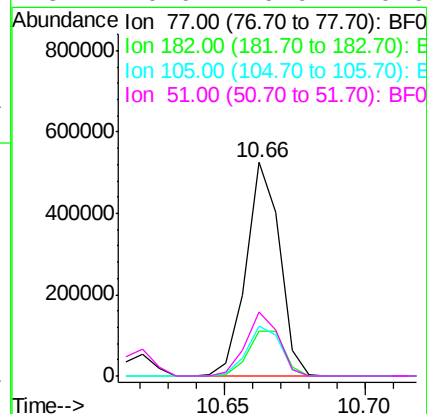
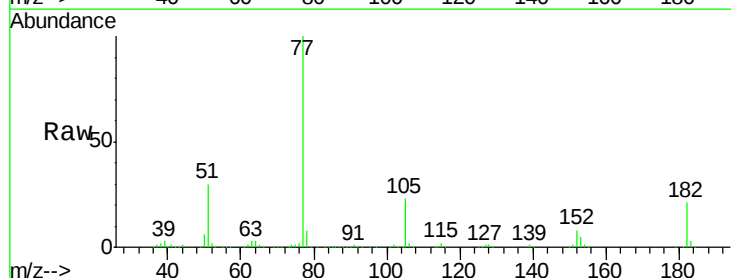
Instrument :
BNA_F
ClientSampleId :

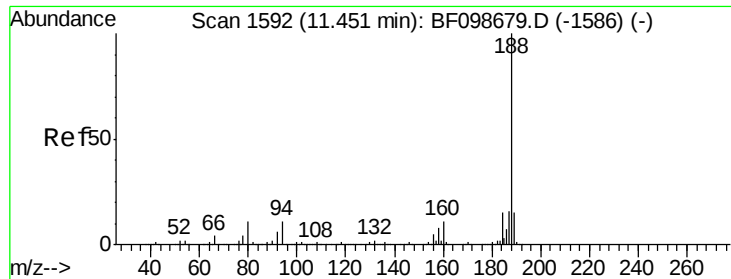
Tot Ion:138 Resp: 121794
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 68.5 52.5 92.5



#62
Azobenzene
Concen: 22.97 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion: 77 Resp: 433134
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 23.4 3.0 43.0
51 29.9 9.9 49.9

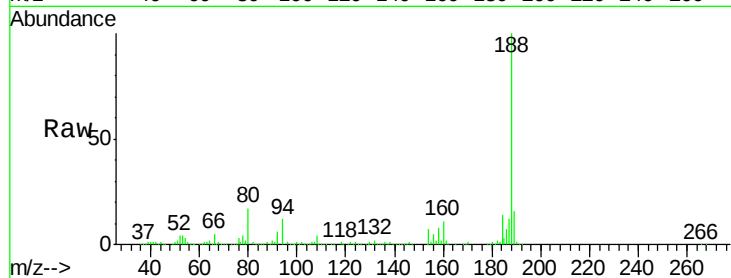




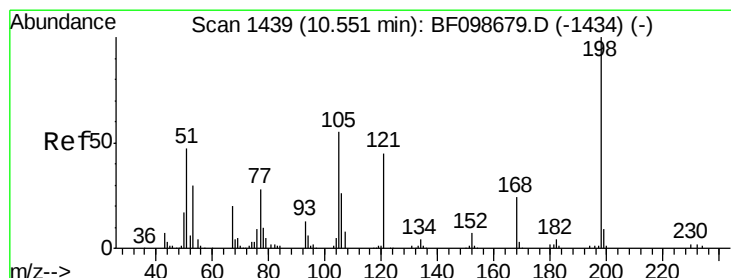
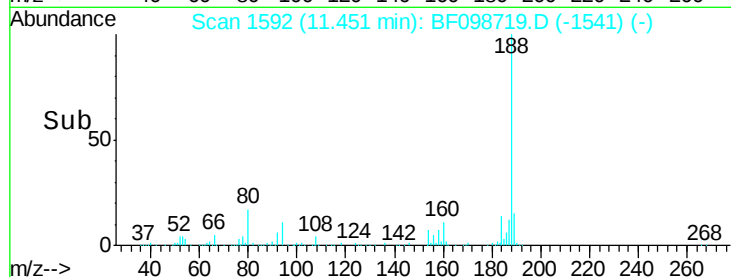
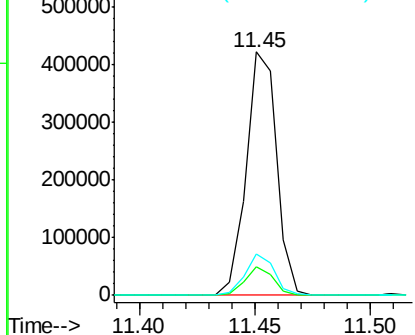
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 389256
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 16.9 9.2 13.8#

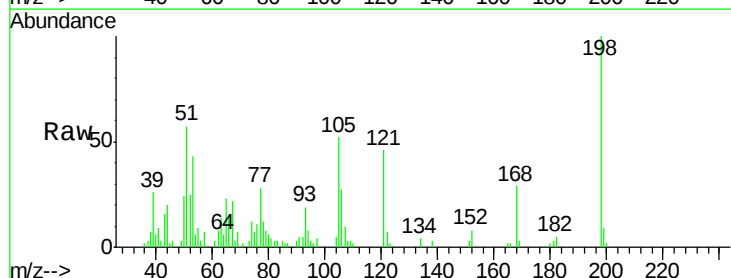


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

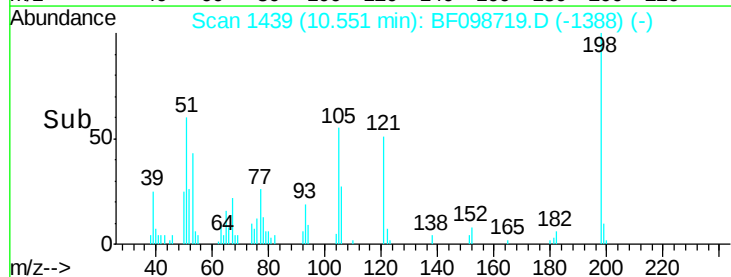
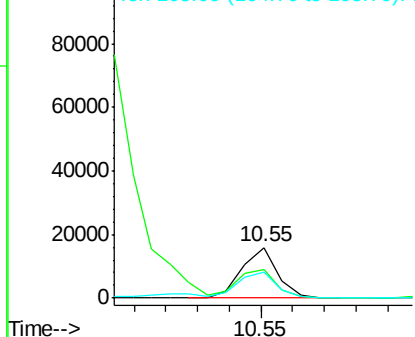


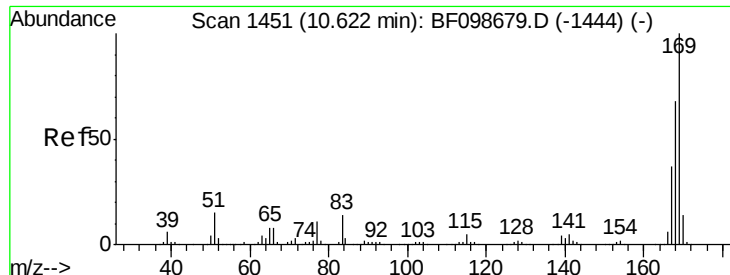
#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.07 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:198 Resp: 12209
 Ion Ratio Lower Upper
 198 100
 51 56.9 37.7 77.7
 105 51.6 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

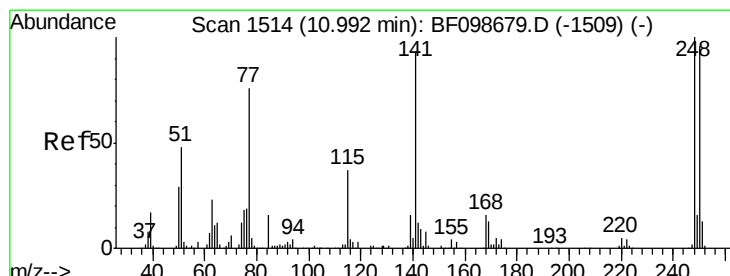
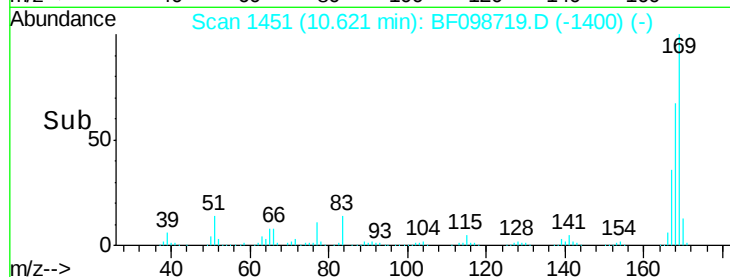
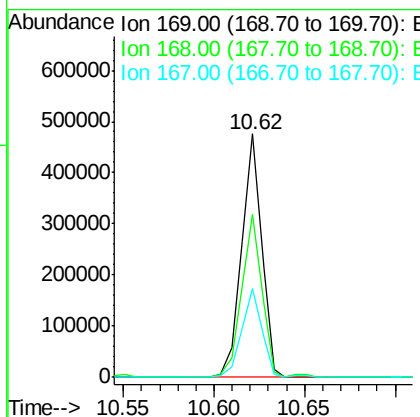
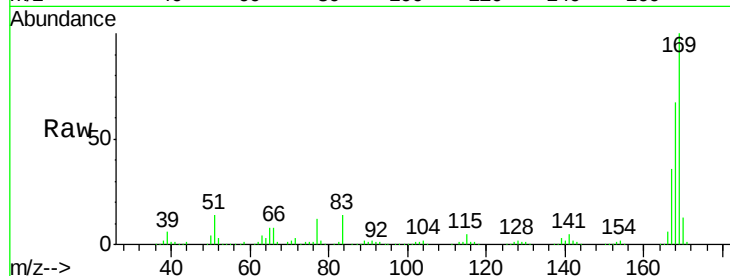




#65
 n-Nitrosodiphenylamine
 Concen: 27.44 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

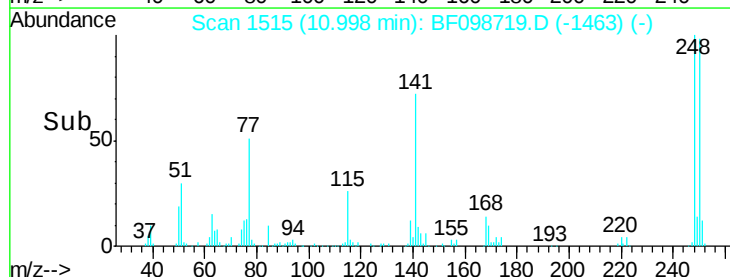
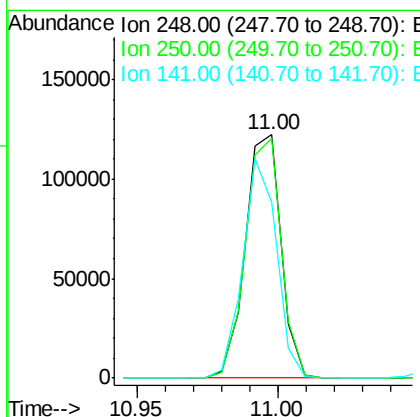
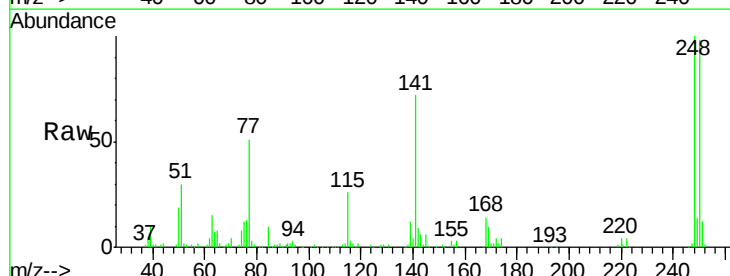
Instrument :
 BNA_F
 ClientSampleId :

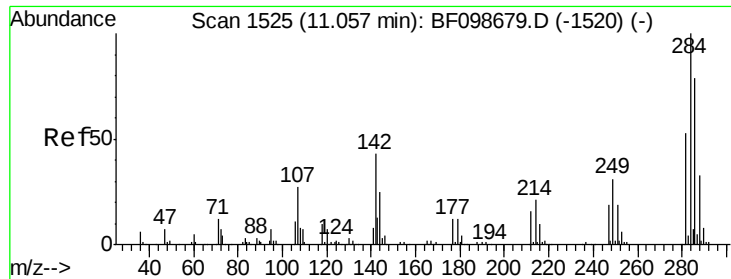
Tot Ion:169 Resp: 367632
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 27.34 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:248 Resp: 107449
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 72.0 74.4 111.6#

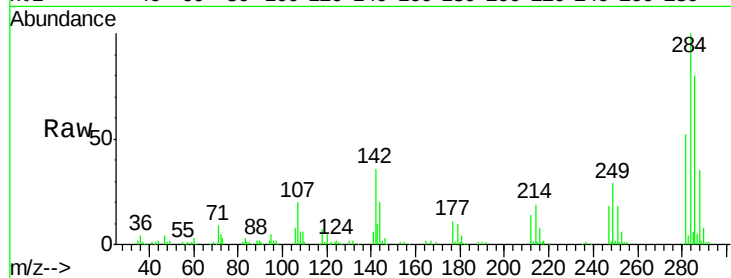




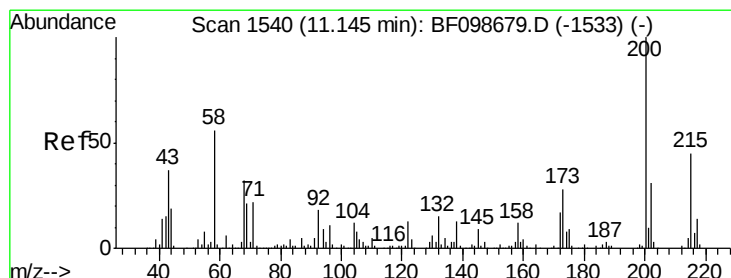
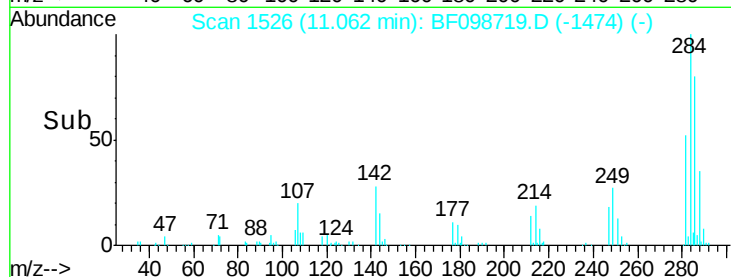
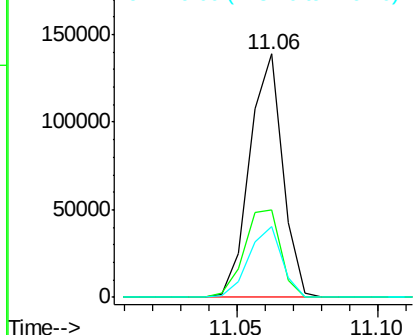
#67
Hexachlorobenzene
Concen: 25.15 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 112623
Ion Ratio Lower Upper
284 100
142 35.7 34.6 52.0
249 29.3 24.8 37.2

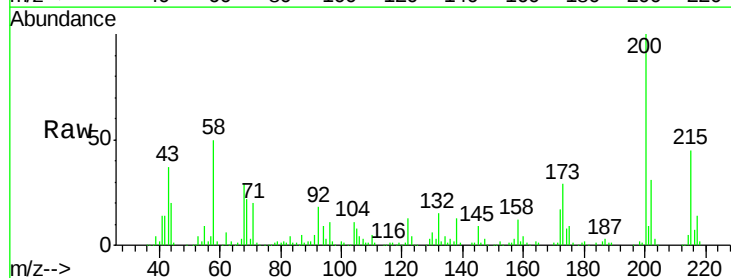


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

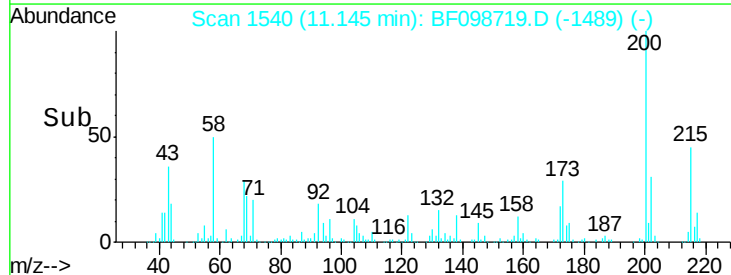
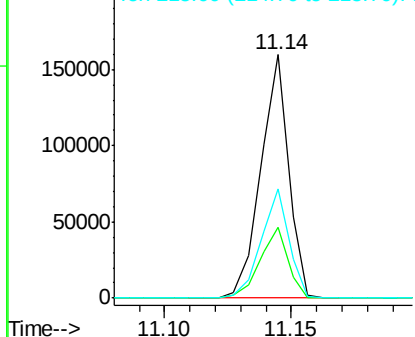


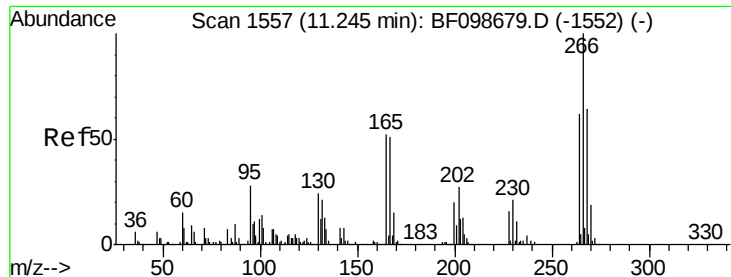
#68
Atrazine
Concen: 30.50 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:200 Resp: 122919
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.1 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: 54.90 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

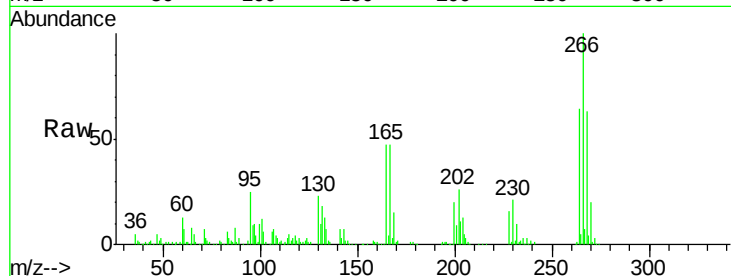
Tot Ion:266 Resp: 140536

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

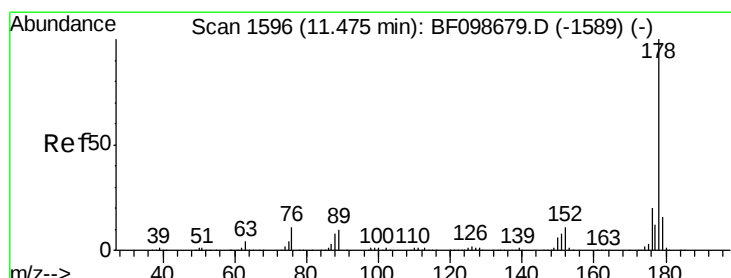
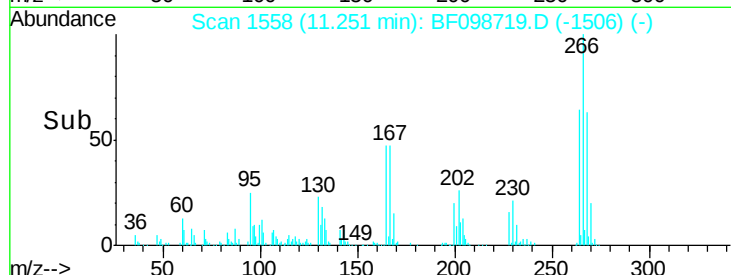
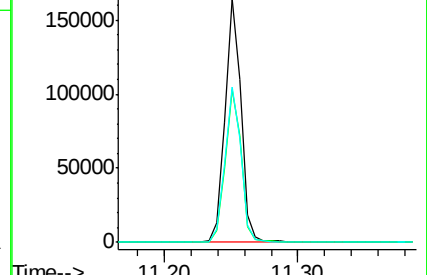
264 63.6 49.5 74.3



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: 27.44 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

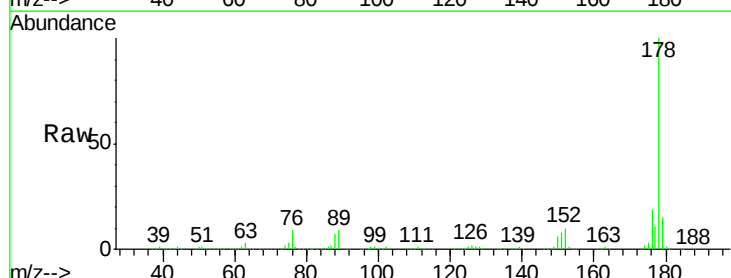
Tgt Ion:178 Resp: 579448

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

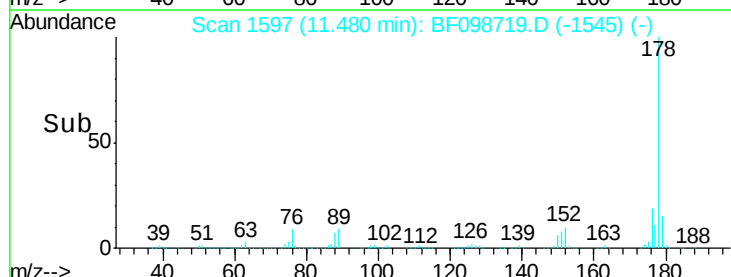
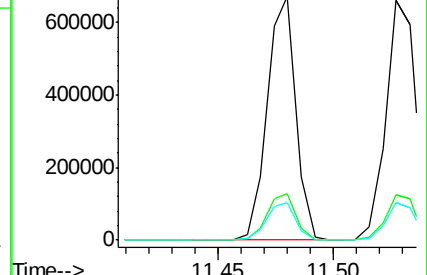
179 15.3 13.0 19.6

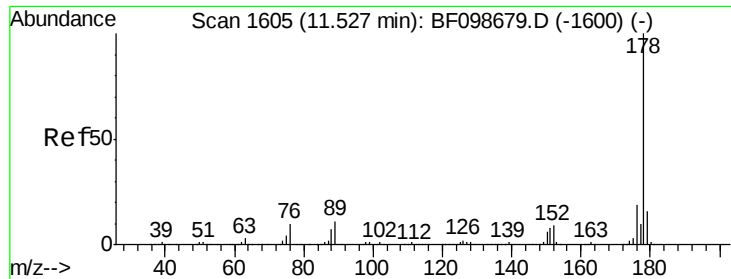


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

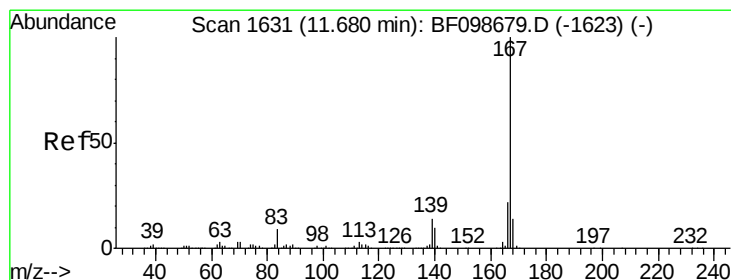
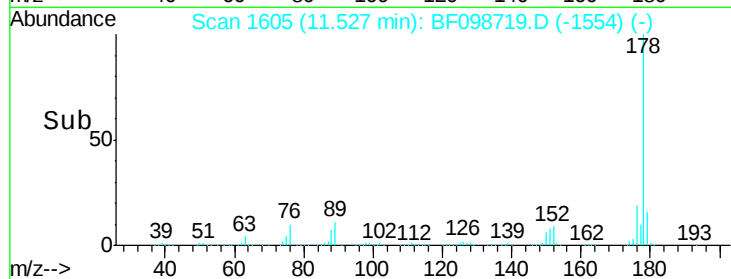
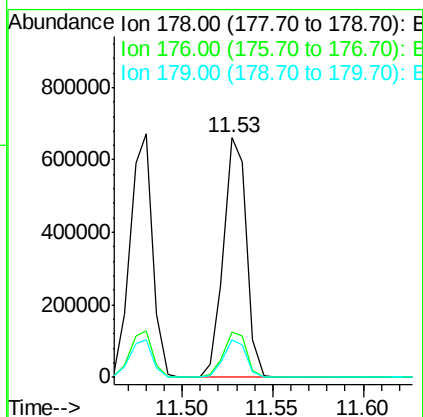
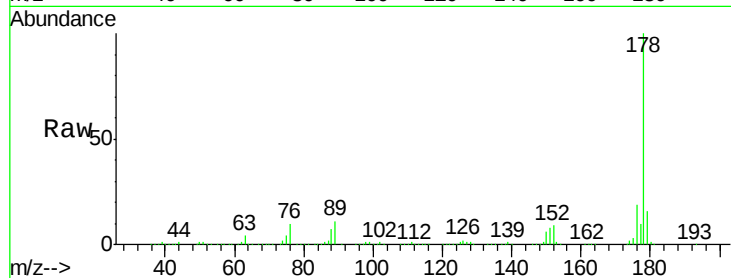




#71
 Anthracene
 Concen: 27.21 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

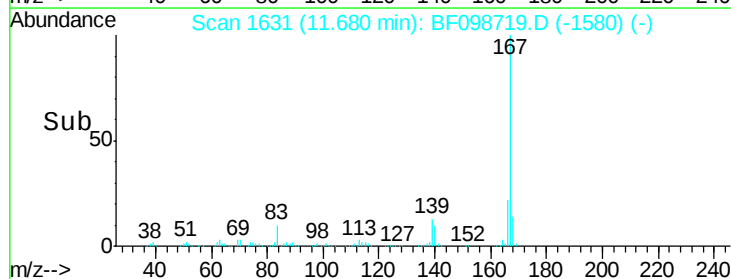
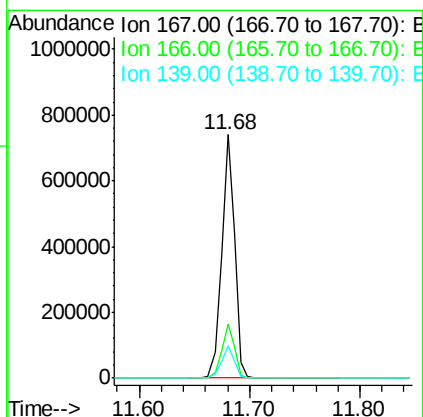
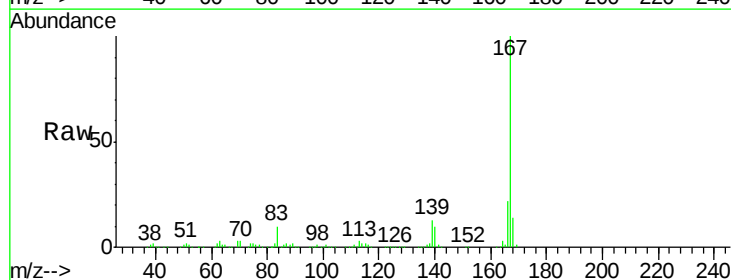
Instrument :
 BNA_F
 ClientSampleId :

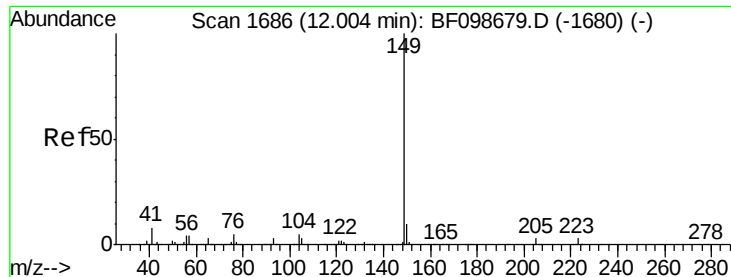
Tot Ion:178 Resp: 585895
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 28.59 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:167 Resp: 601561
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.43 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

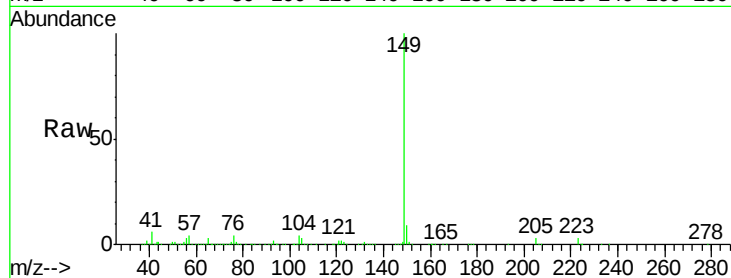
Tot Ion:149 Resp: 743556

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

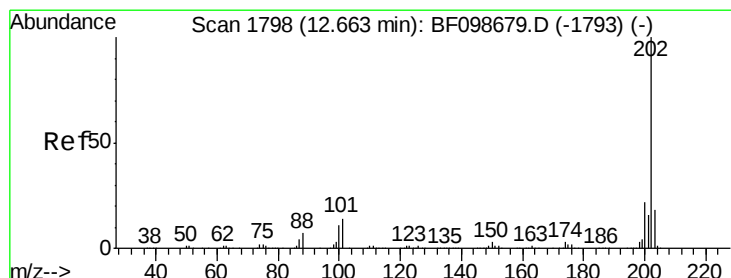
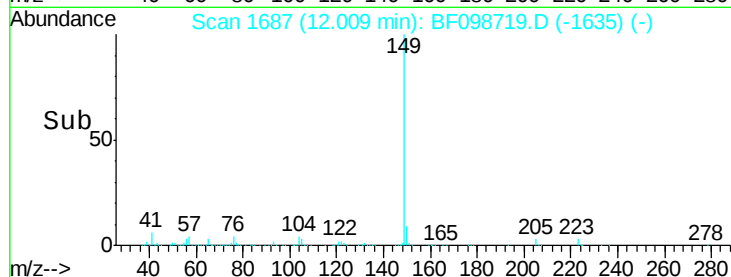
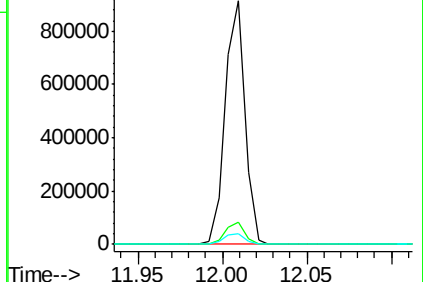
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.09 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

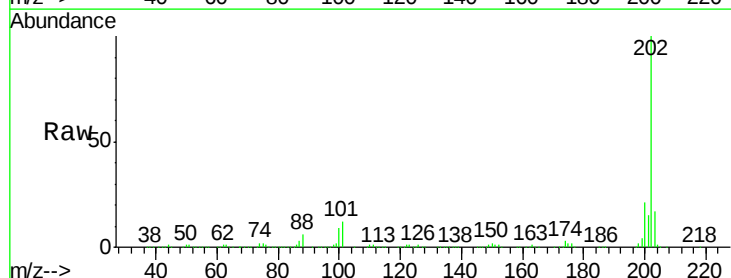
Tgt Ion:202 Resp: 633136

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

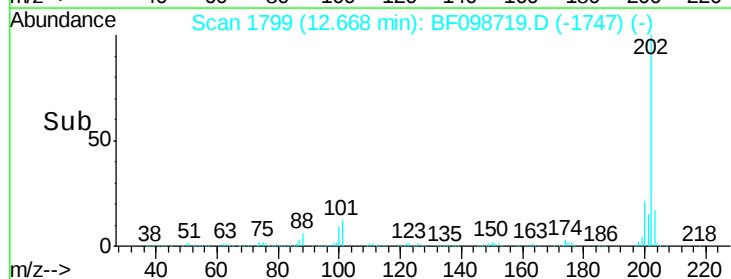
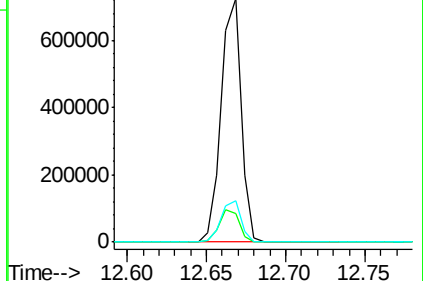
203 17.1 0.0 38.1

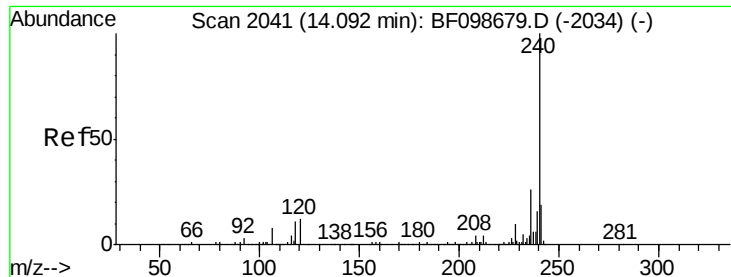


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

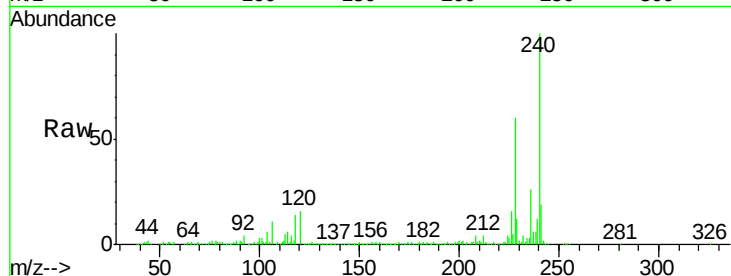
Tot Ion:240 Resp: 340842

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

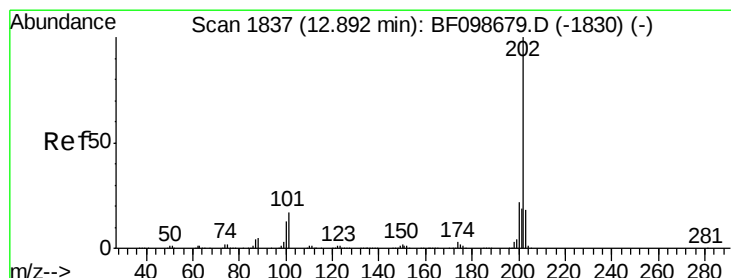
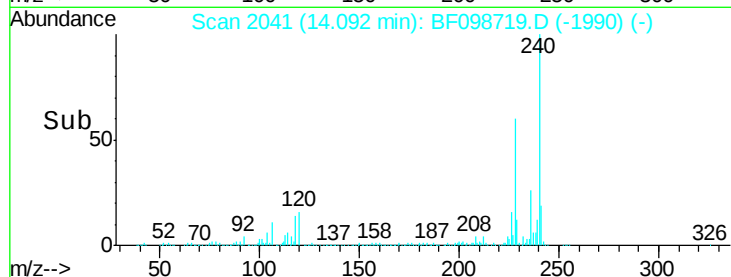
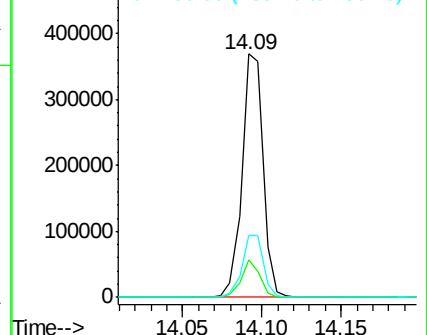
236 25.6 20.7 31.1



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



#77

Pyrene

Concen: 26.14 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

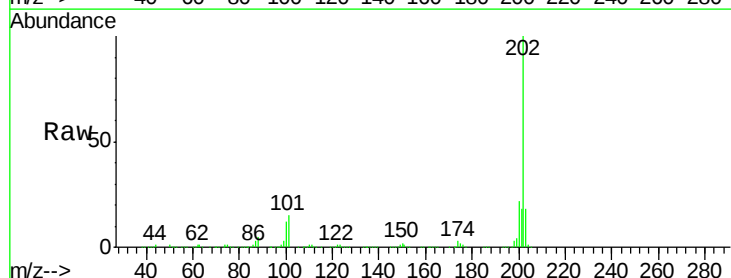
Tgt Ion:202 Resp: 661507

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

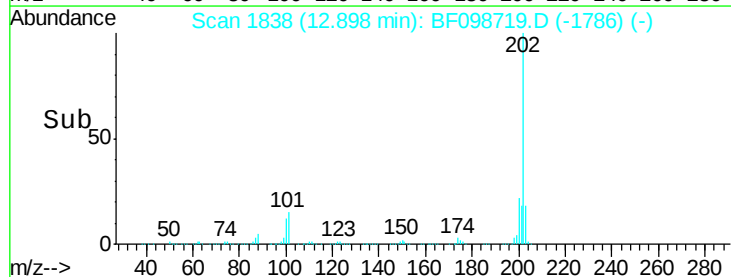
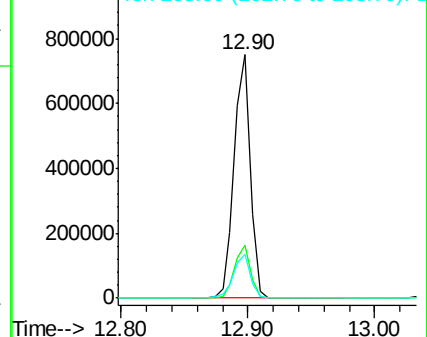
203 17.9 14.3 21.5

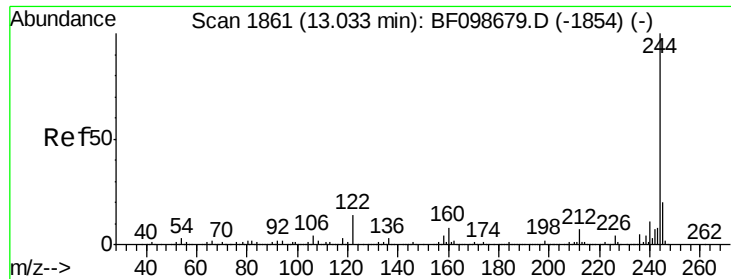


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

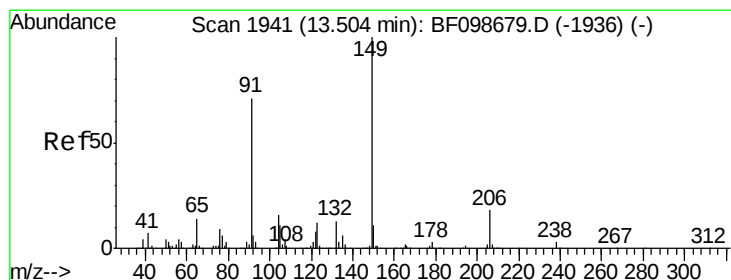
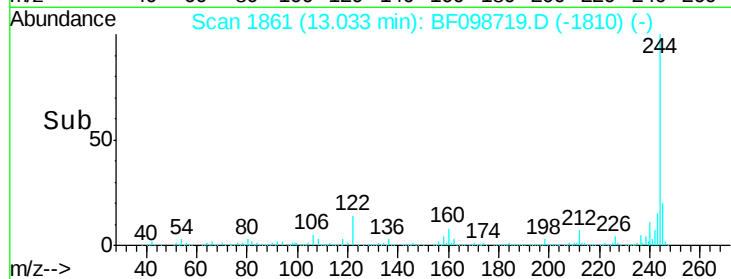
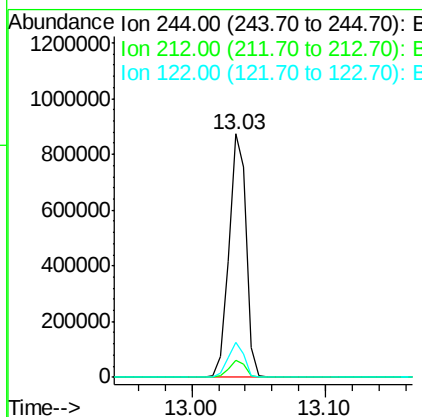
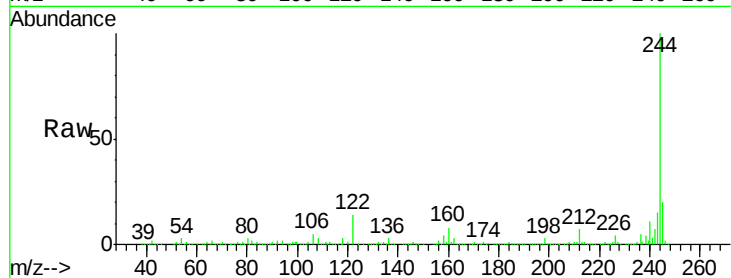




#78
 Terphenyl-d14
 Concen: 49.99 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

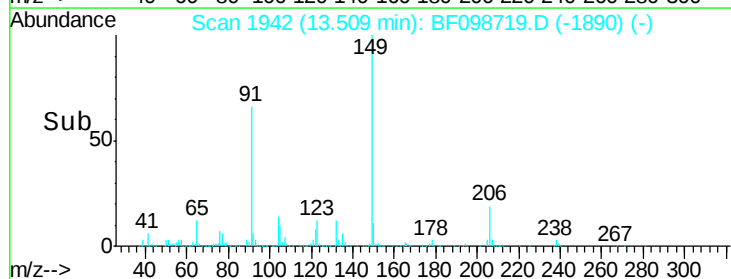
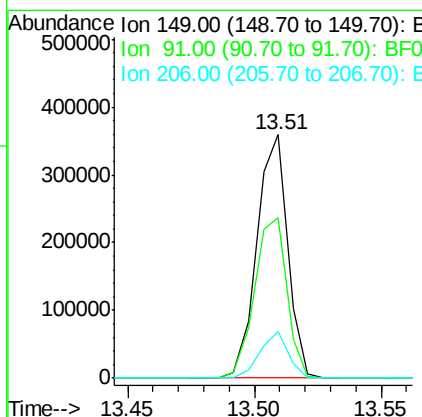
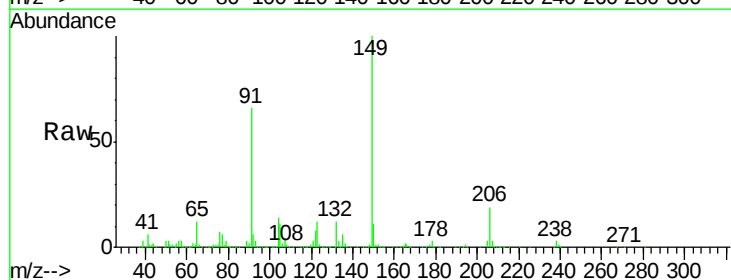
Instrument :
 BNA_F
 ClientSampled :

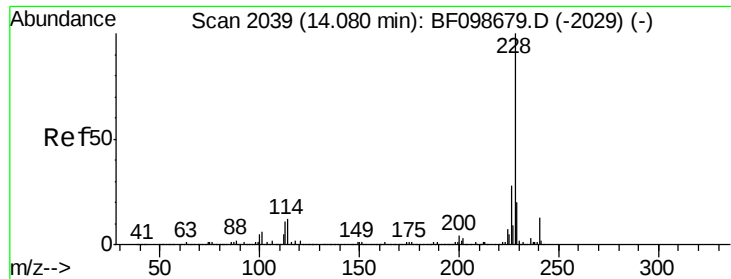
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.2	11.0	16.4



#79
 Butylbenzylphthalate
 Concen: 29.06 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	18.9	14.1	21.1

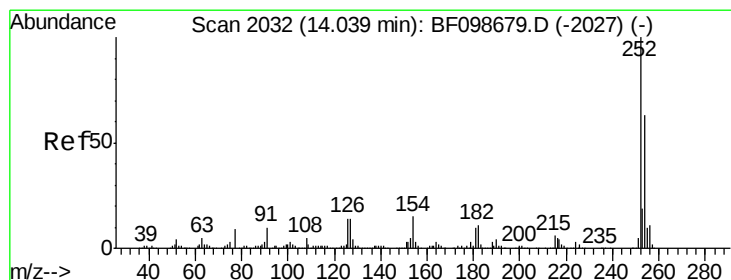
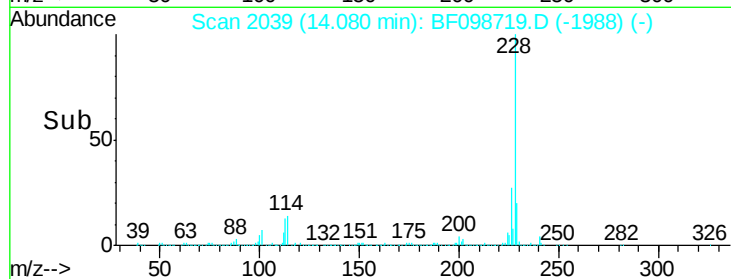
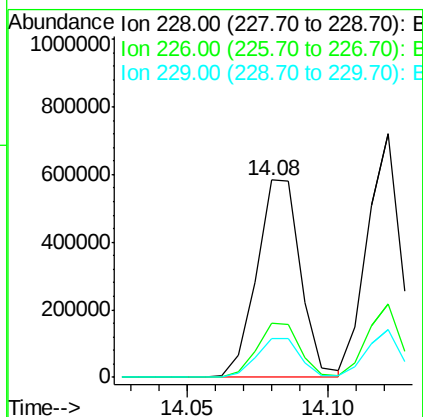
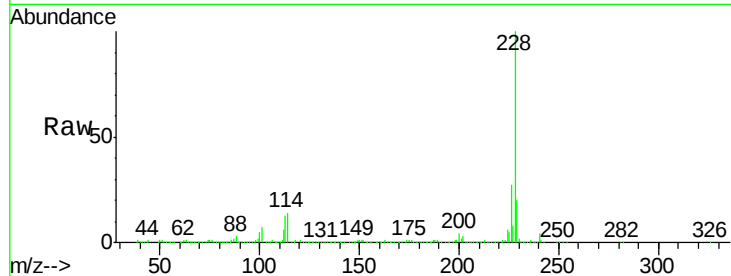




#80
Benzo(a)anthracene
Concen: 30.76 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

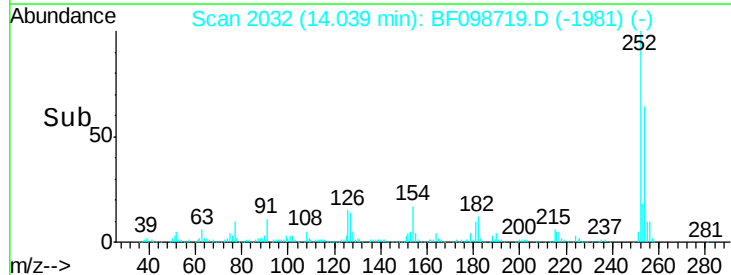
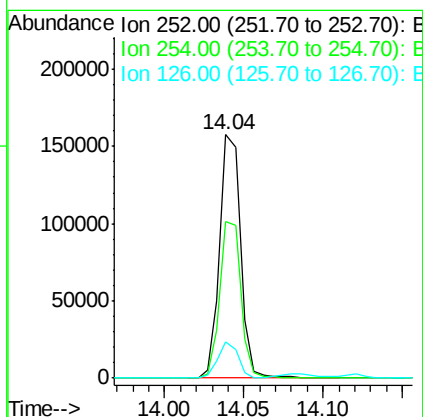
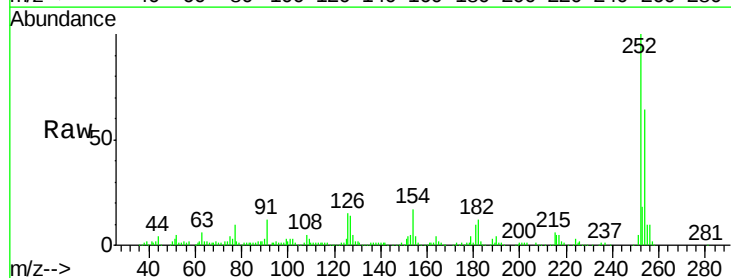
Instrument :
BNA_F
ClientSampled :

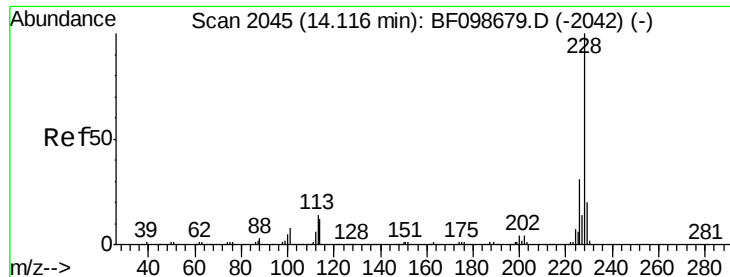
Tot Ion:228 Resp: 631580
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 19.84 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:252 Resp: 145334
Ion Ratio Lower Upper
252 100
254 64.5 50.4 75.6
126 15.0 11.3 16.9





#82

Chrvsene

Concen: 29.60 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

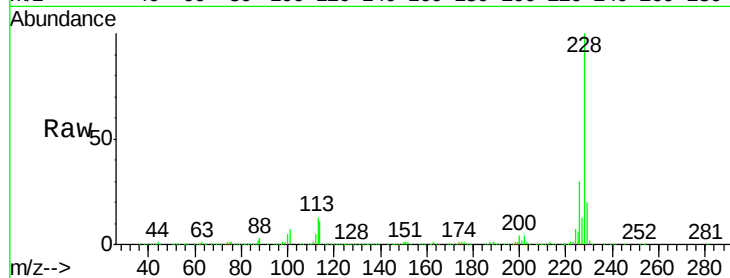
Tot Ion:228 Resp: 586963

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

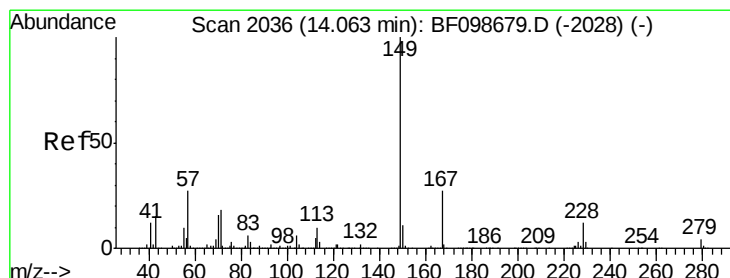
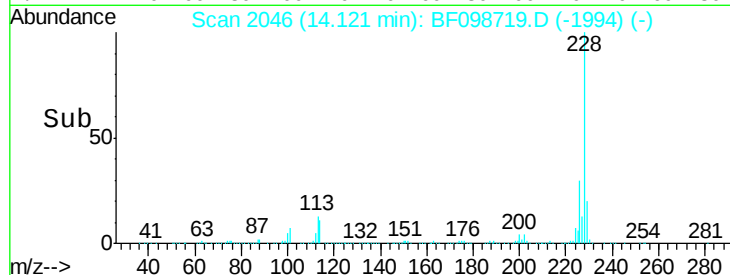
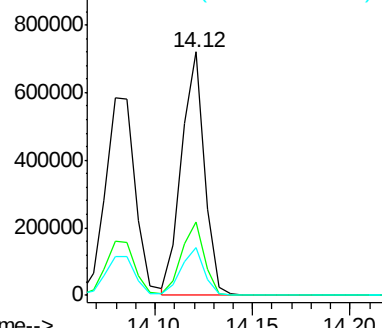
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.61 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

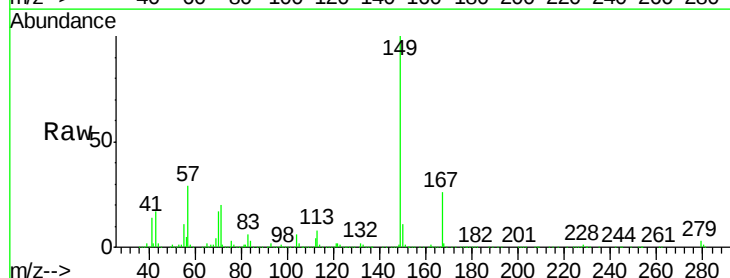
Tgt Ion:149 Resp: 443250

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

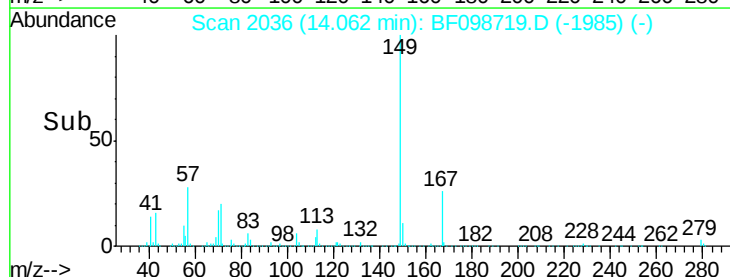
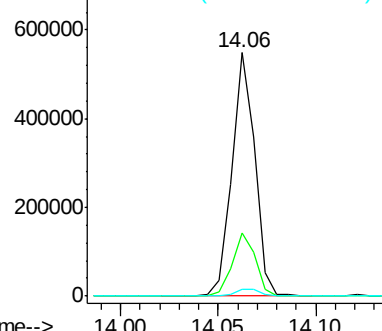
279 2.8 3.0 4.4#

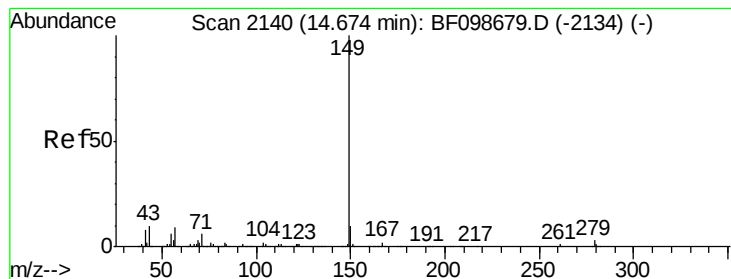


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.12 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

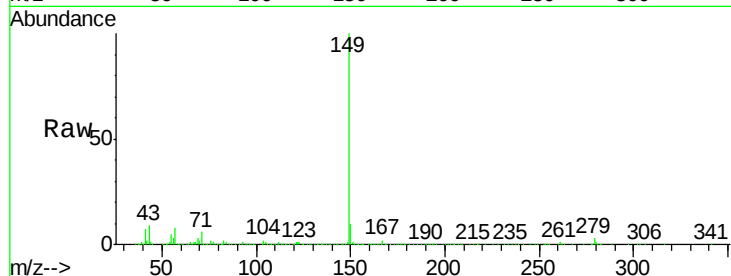
Tot Ion:149 Resp: 807304

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

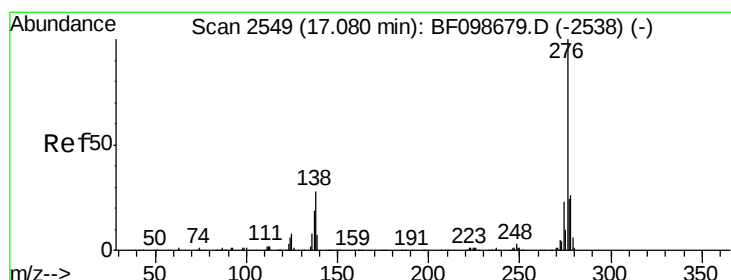
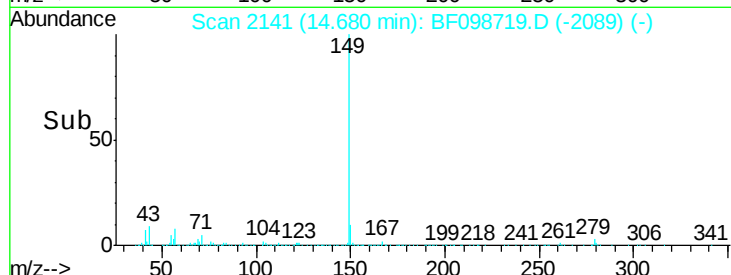
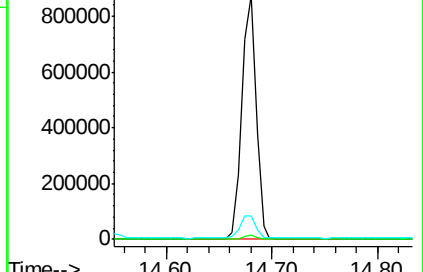
43 10.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 27.41 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

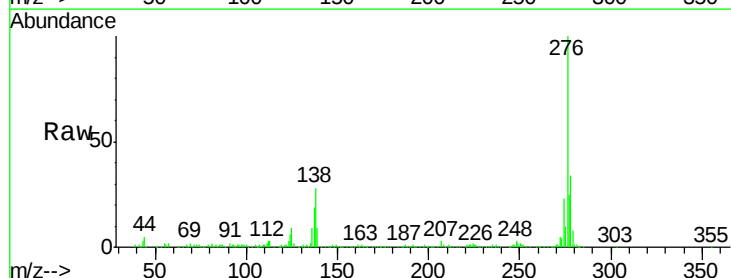
Tgt Ion:276 Resp: 421492

Ion Ratio Lower Upper

276 100

138 31.3 25.0 37.6

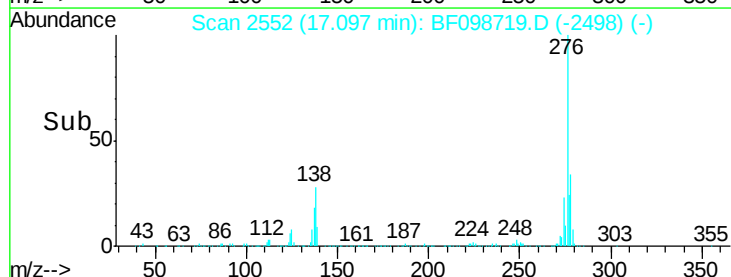
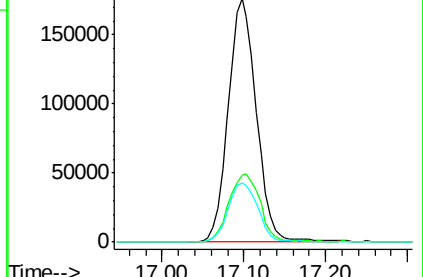
277 26.1 20.1 30.1

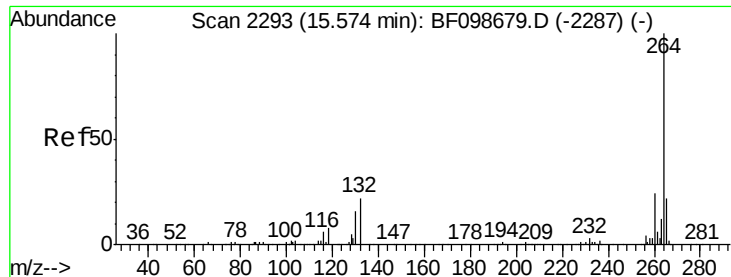


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

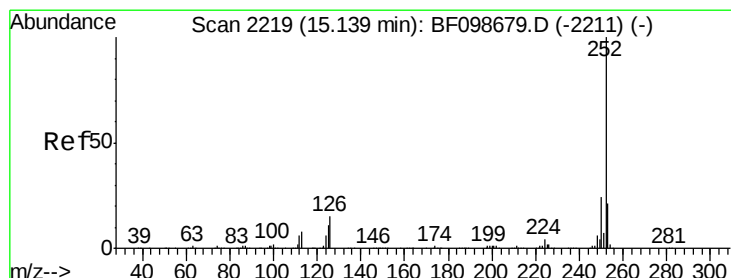
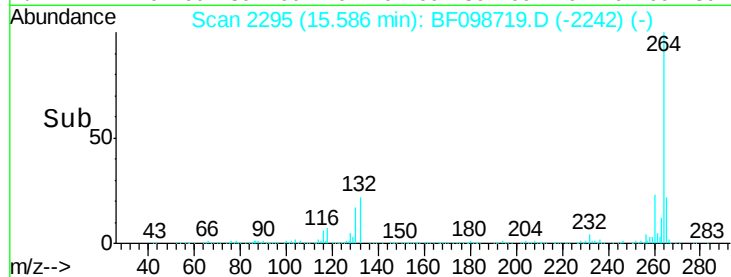
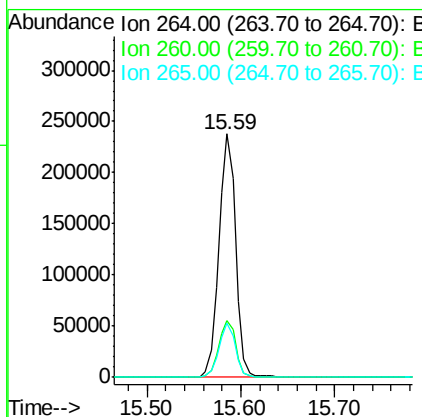
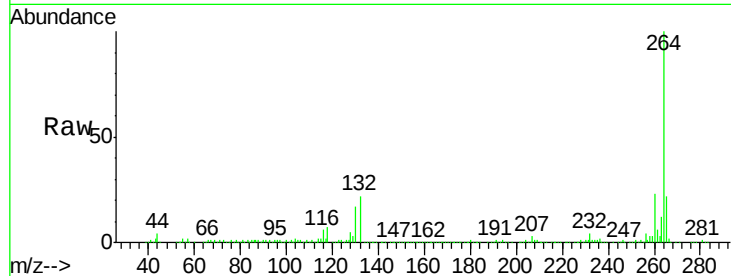




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

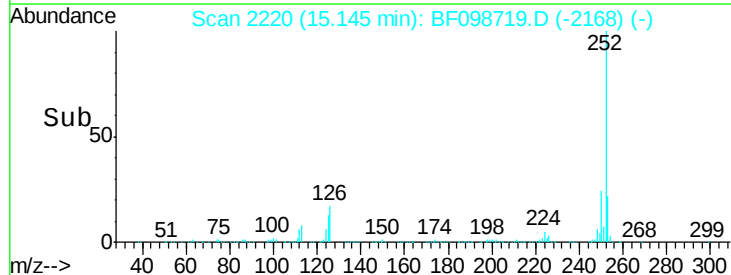
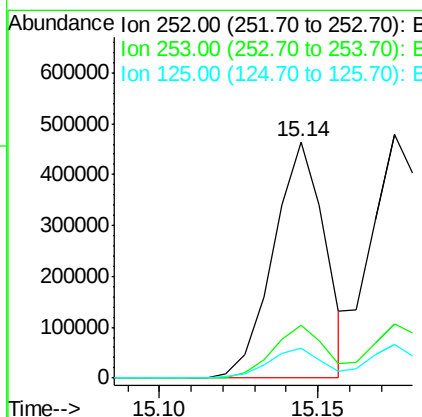
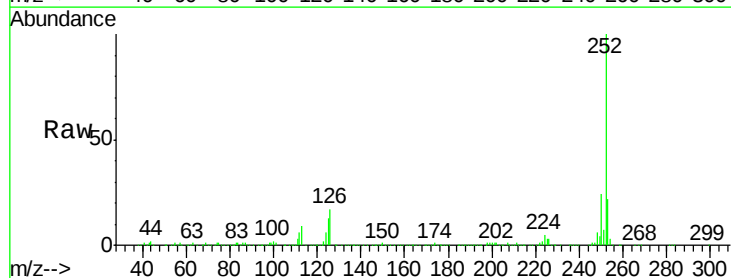
Instrument :
BNA_F
ClientSampleId :

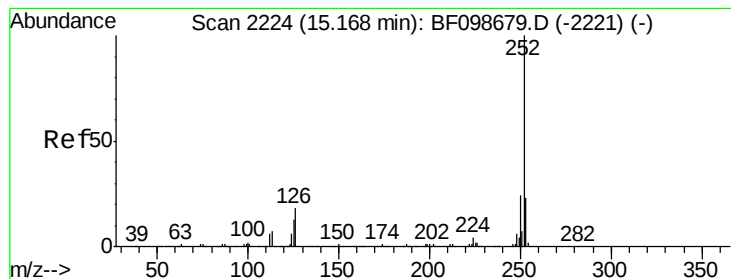
Tot Ion:264 Resp: 297820
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 30.46 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:252 Resp: 526186
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.8 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 30.48 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

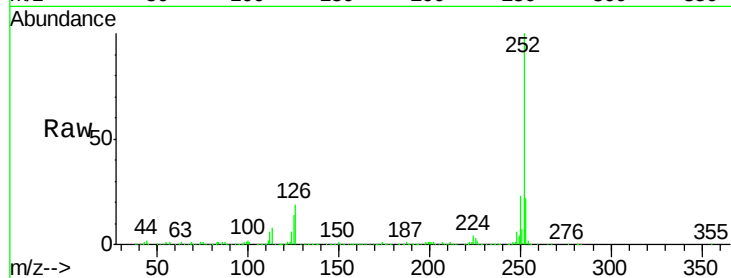
Tot Ion:252 Resp: 526134

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

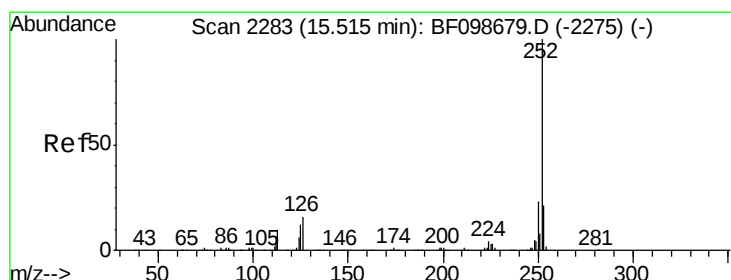
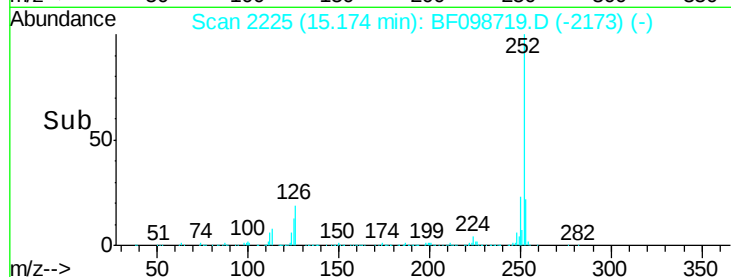
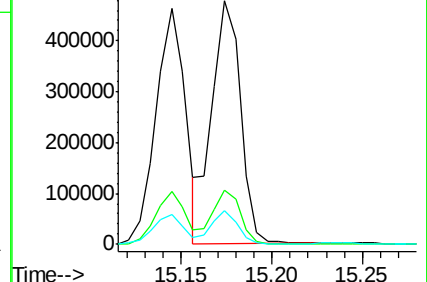
125 13.6 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 30.10 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

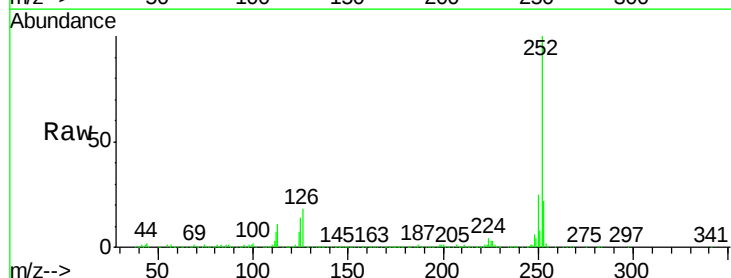
Tgt Ion:252 Resp: 472212

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

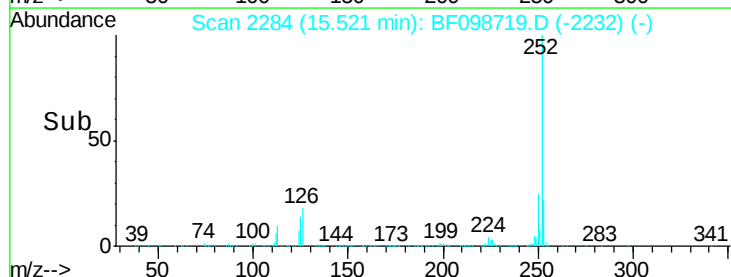
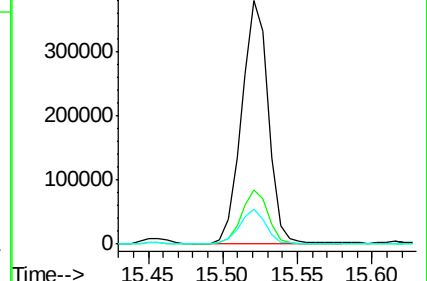
125 14.3 9.8 14.6

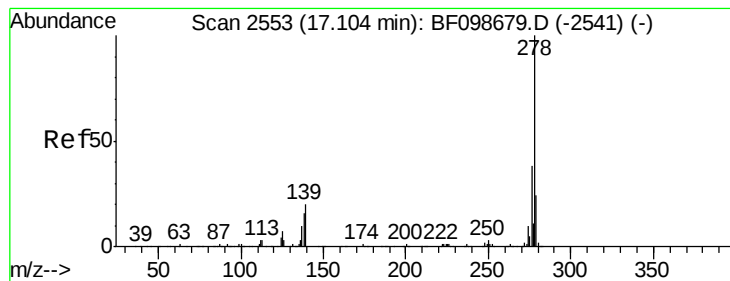


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 26.72 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampled :

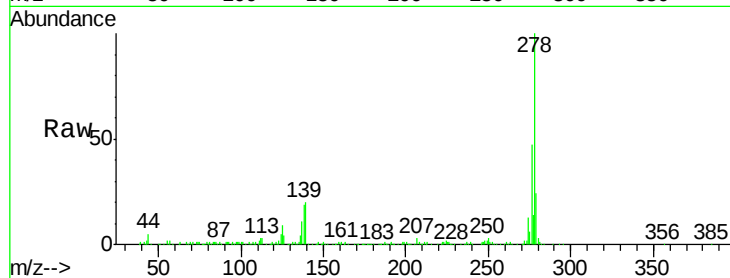
Tot Ion:278 Resp: 354418

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

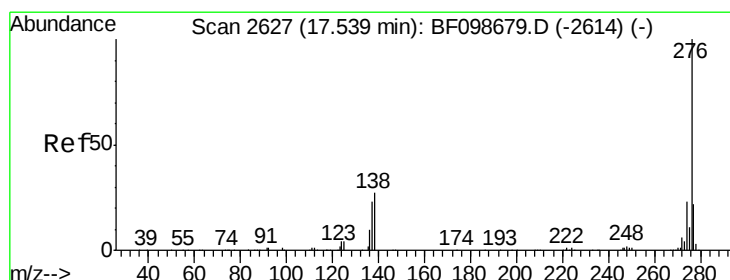
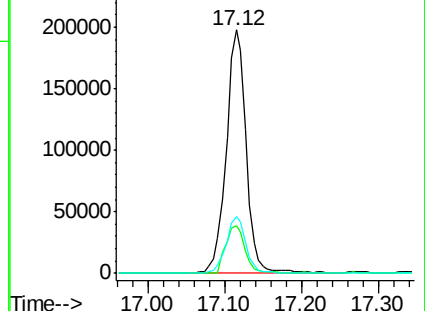
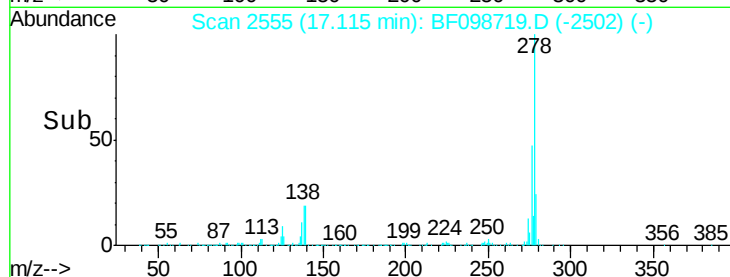
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 25.09 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.02 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

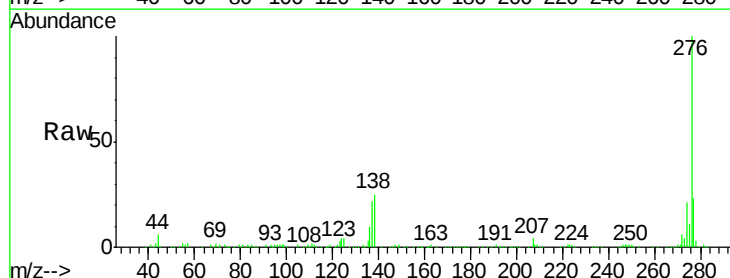
Tgt Ion:276 Resp: 334524

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 24.9 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

