

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099159.D
 Acq On : 6 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I5571-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:59:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142216	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	588561	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	264226	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	471644	20.00	ng	0.00
75) Chrysene-d12	14.03	240	310959	20.00	ng	0.00
86) Perylene-d12	15.50	264	241530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	212014	23.73	ng	0.00
7) Phenol-d6	6.49	99	166230	15.08	ng	-0.01
23) Nitrobenzene-d5	7.43	82	481653	52.48	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	102341	47.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	881326	55.68	ng	0.00
78) Terphenyl-d14	12.97	244	659100	48.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	41832	9.80	ng	98
3) Pyridine	3.46	79	117890	10.21	ng	94
4) n-Nitrosodimethylamine	3.39	42	45779	9.35	ng	90
6) Aniline	6.52	93	192571	12.95	ng	99
8) 2-Chlorophenol	6.65	128	131520	13.00	ng	97
9) Benzaldehyde	6.42	77	125053	19.56	ng	95
10) Phenol	6.50	94	81278	6.59	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	235197	24.55	ng	99
12) 1,3-Dichlorobenzene	6.80	146	239060	22.56	ng	98
13) 1,4-Dichlorobenzene	6.88	146	244619	22.69	ng	98
14) 1,2-Dichlorobenzene	7.03	146	230943	23.19	ng	98
15) Benzyl Alcohol	7.00	79	130788	16.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	348099	23.32	ng	97
17) 2-Methylphenol	7.12	107	90223	10.90	ng	98
18) Hexachloroethane	7.37	117	82014	21.17	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	167829	23.85	ng	97
20) 3+4-Methylphenols	7.26	107	101884	9.73	ng	# 47
22) Acetophenone	7.27	105	347419	24.36	ng	# 97
24) Nitrobenzene	7.45	77	289879	27.84	ng	98
25) Isophorone	7.68	82	462639	24.38	ng	99
26) 2-Nitrophenol	7.76	139	80621	16.10	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	119154	12.60	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	302631	25.59	ng	98
29) 2,4-Dichlorophenol	8.00	162	118338	14.58	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	192096	23.66	ng	98
31) Naphthalene	8.17	128	676626	24.48	ng	100
33) 4-Chloroaniline	8.22	127	187071	16.21	ng	96
34) Hexachlorobutadiene	8.28	225	89506	21.40	ng	98
35) Caprolactam	8.56	113	11491	4.41	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	119791	13.13	ng	98
37) 2-Methylnaphthalene	8.86	142	479565	26.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	188971	23.98	ng	100
40) Hexachlorocyclopentadiene	9.01	237	107111	29.74	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	79753	14.29	ng	99

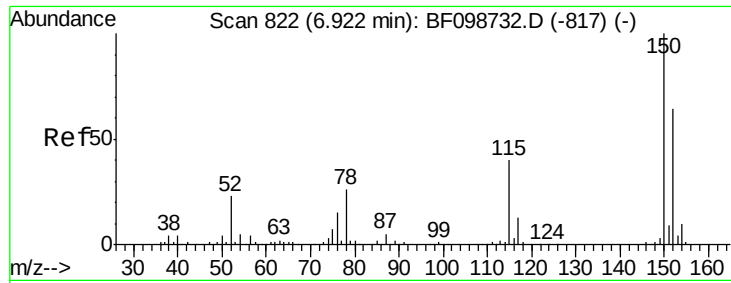
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099159.D
 Acq On : 6 Oct 2017 20:43
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	84647	15.19	nq	95
45) 1,1'-Biphenyl	9.32	154	560391	24.68	nq	99
46) 2-Chloronaphthalene	9.35	162	440228	25.82	nq	99
47) 2-Nitroaniline	9.45	65	108724	20.83	nq	87
48) Acenaphthylene	9.76	152	682115	26.13	nq	100
49) Dimethylphthalate	9.62	163	664635	33.33	nq	100
50) 2,6-Dinitrotoluene	9.69	165	115747	26.66	nq	91
51) Acenaphthene	9.93	154	407304	24.63	nq	98
52) 3-Nitroaniline	9.85	138	94154	18.60	nq	96
53) 2,4-Dinitrophenol	9.96	184	28665	17.59	nq	99
54) Dibenzofuran	10.10	168	611829	27.79	nq	99
55) 4-Nitrophenol	10.01	139	40439	9.45	nq	87
56) 2,4-Dinitrotoluene	10.09	165	156633	27.80	nq	95
57) Fluorene	10.45	166	478272	27.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	62231	16.17	nq	98
59) Diethylphthalate	10.32	149	501262	25.72	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	210236	26.45	nq	96
61) 4-Nitroaniline	10.46	138	78144	16.00	nq	92
62) Azobenzene	10.60	77	482589	26.93	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	29925	10.43	nq	80
65) n-Nitrosodiphenylamine	10.56	169	390659	23.91	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	123340	26.72	nq	99
67) Hexachlorobenzene	11.00	284	123916	25.13	nq	94
68) Atrazine	11.08	200	135118	27.49	nq	99
69) Pentachlorophenol	11.19	266	61633	20.08	nq	99
70) Phenanthrene	11.42	178	694655	27.52	nq	98
71) Anthracene	11.46	178	706855	27.36	nq	100
72) Carbazole	11.62	167	669286	26.46	nq	98
73) Di-n-butylphthalate	11.94	149	804189	26.41	nq	99
74) Fluoranthene	12.60	202	709763	27.76	nq	99
76) Benzidine	12.72	184	37962	3.30	nq	98
77) Pyrene	12.83	202	712442	30.05	nq	99
79) Butylbenzylphthalate	13.44	149	324604	29.13	nq	97
80) Benzo(a)anthracene	14.02	228	508652	27.01	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	54097	7.84	nq	99
82) Chrysene	14.06	228	486549	27.14	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	436337	28.44	nq	# 99
84) Di-n-octyl phthalate	14.60	149	617157	24.98	nq	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	406856	28.37	nq	96
87) Benzo(b)fluoranthene	15.07	252	389710	26.24	nq	99
88) Benzo(k)fluoranthene	15.10	252	378175	25.78	nq	98
89) Benzo(a)pyrene	15.43	252	363698	26.68	nq	# 95
90) Dibenzo(a,h)anthracene	16.99	278	338520	31.03	nq	97
91) Benzo(g,h,i)perylene	17.43	276	354450	32.87	nq	95

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

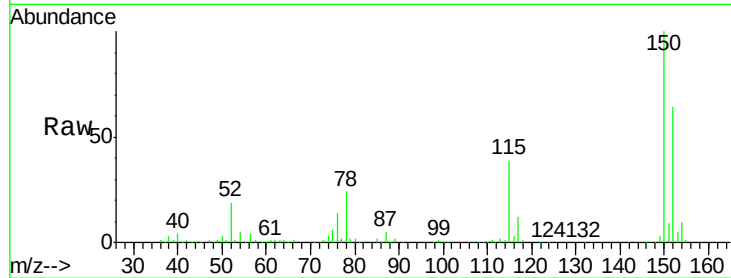


#1

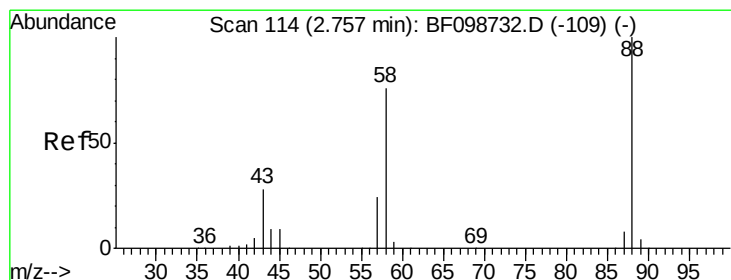
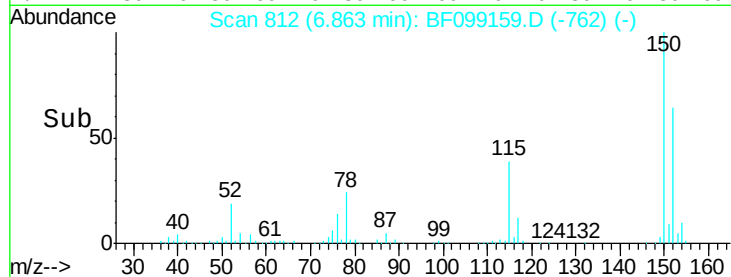
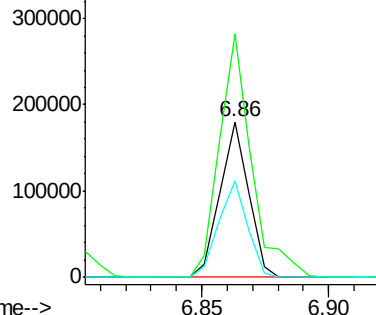
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142216
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.8 50.1 75.1



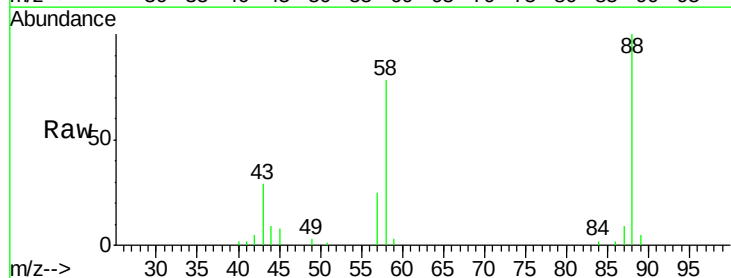
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



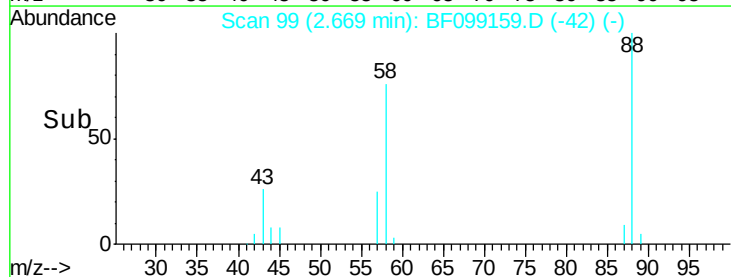
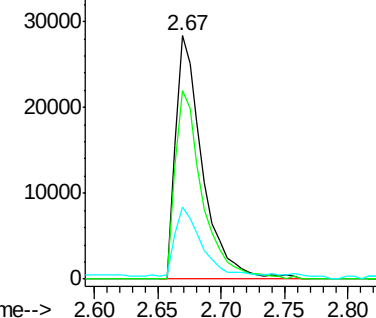
#2

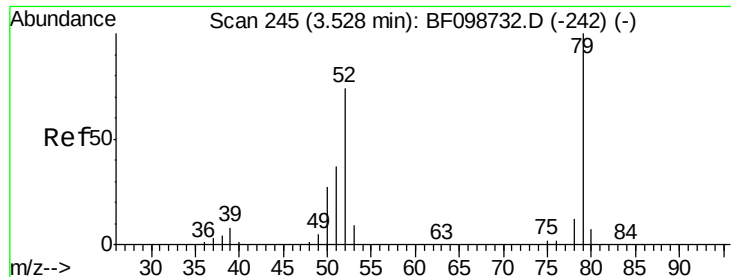
1,4-Dioxane
Concen: 9.80 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.04 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion: 88 Resp: 41832
Ion Ratio Lower Upper
88 100
58 78.1 62.6 93.8
43 27.2 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: 10.21 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.06 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

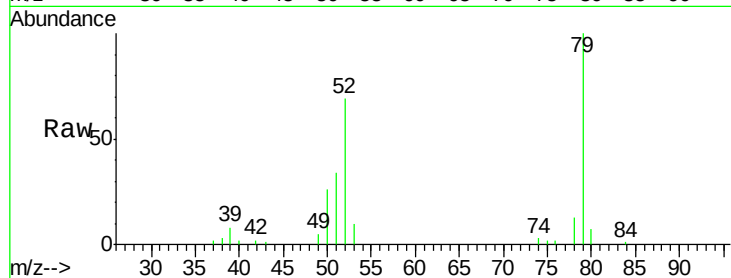
Tot Ion: 79 Resp: 117890

Ion Ratio Lower Upper

79 100

52 69.2 59.8 89.6

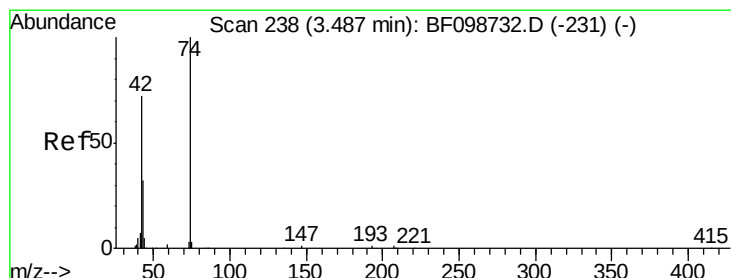
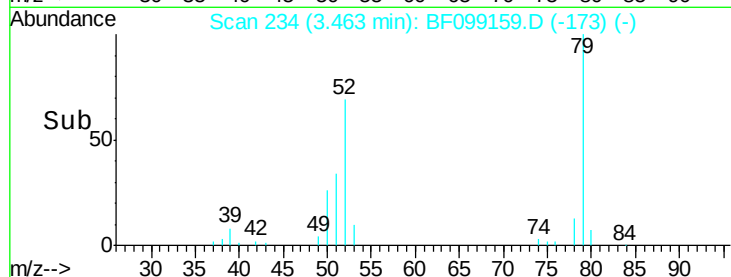
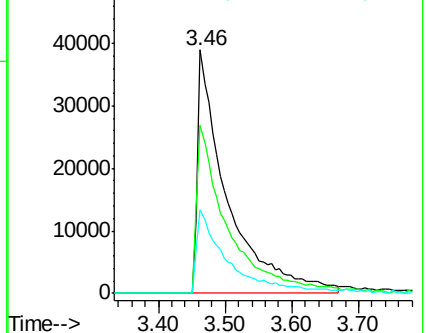
51 34.5 29.8 44.8



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: 9.35 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

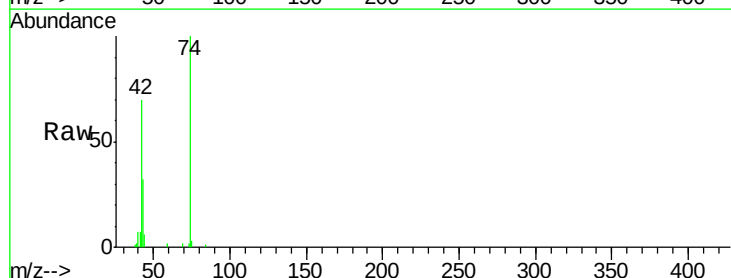
Tgt Ion: 42 Resp: 45779

Ion Ratio Lower Upper

42 100

74 143.7 104.9 157.3

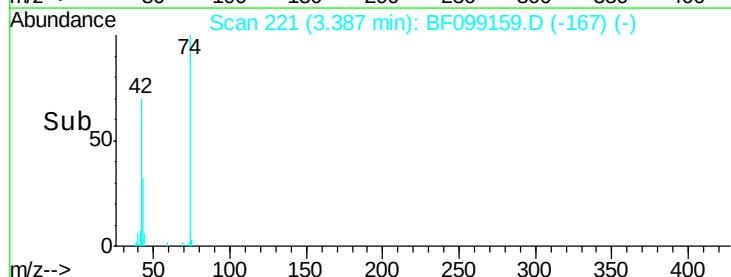
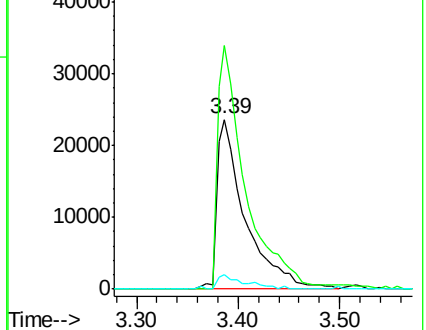
44 8.6 6.9 10.3

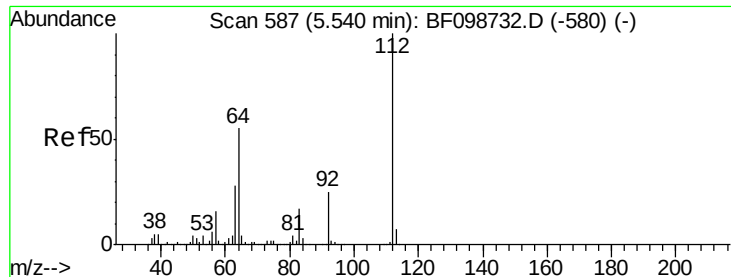


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 23.73 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

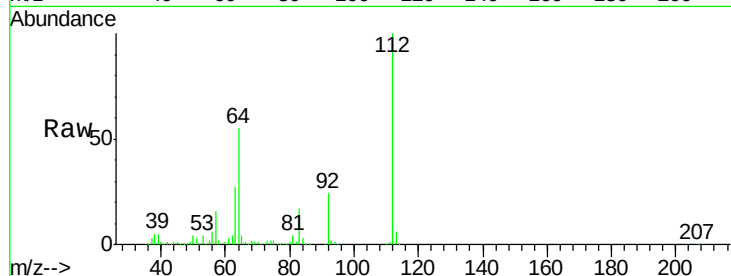
Tot Ion:112 Resp: 212014

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

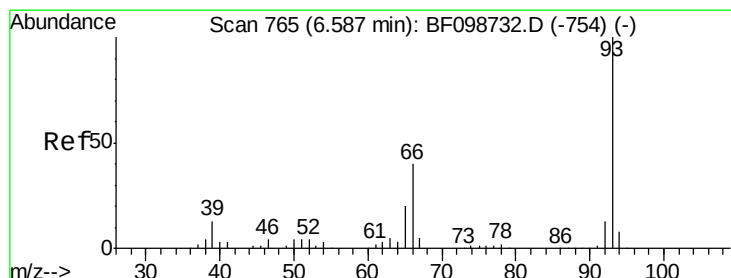
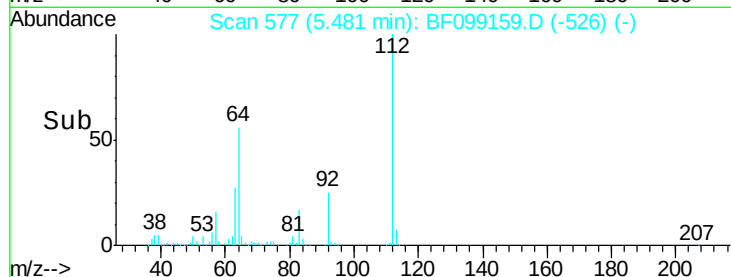
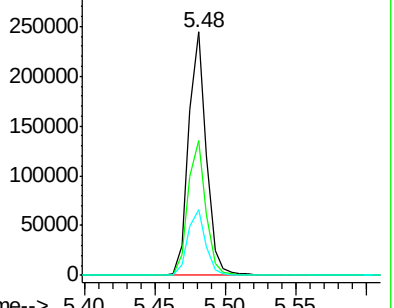
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.95 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

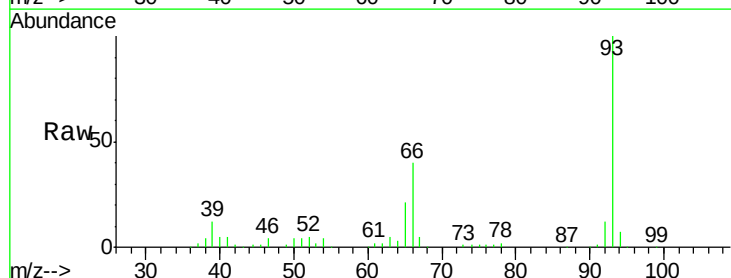
Tgt Ion: 93 Resp: 192571

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

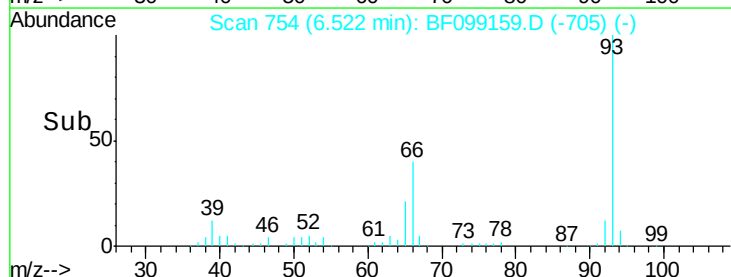
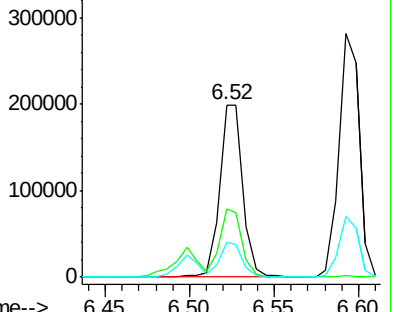
65 20.6 16.4 24.6

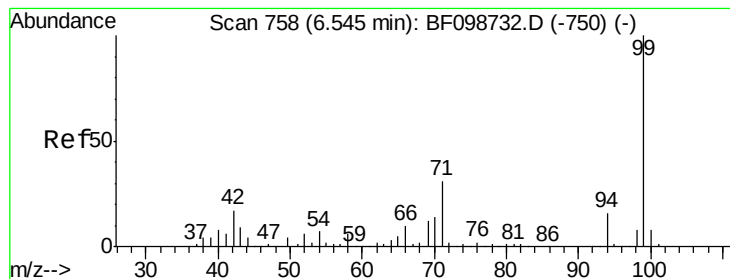


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 15.08 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

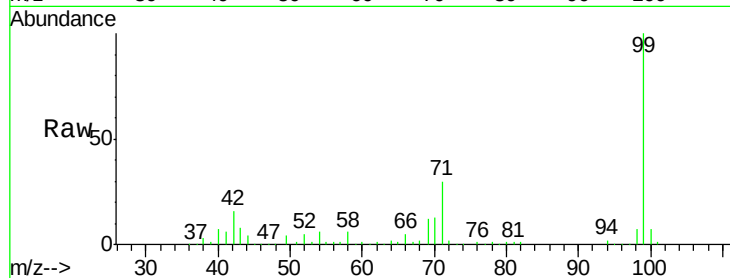
Tot Ion: 99 Resp: 166230

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

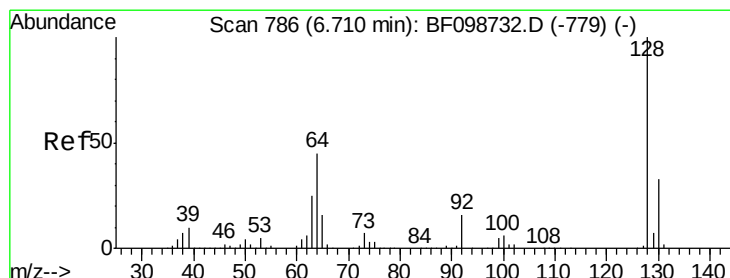
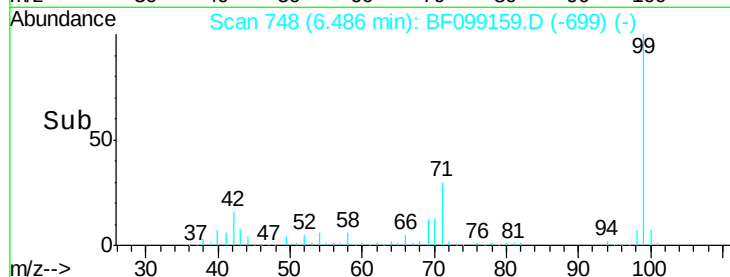
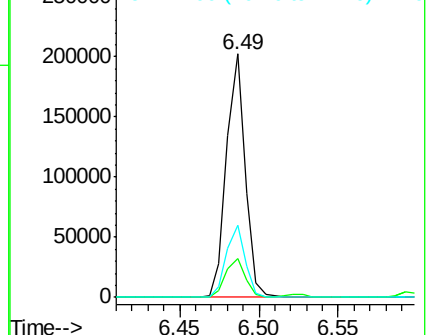
71 29.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 13.00 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

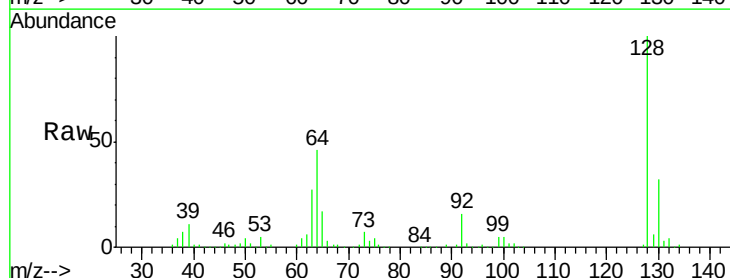
Tgt Ion: 128 Resp: 131520

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

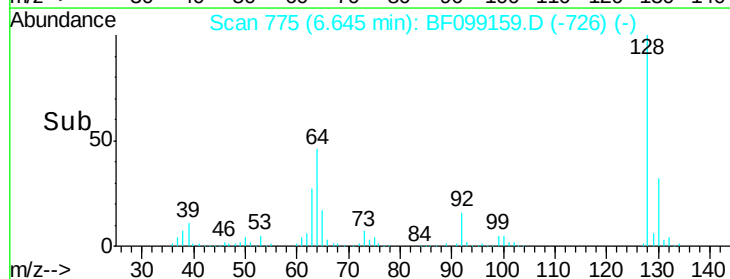
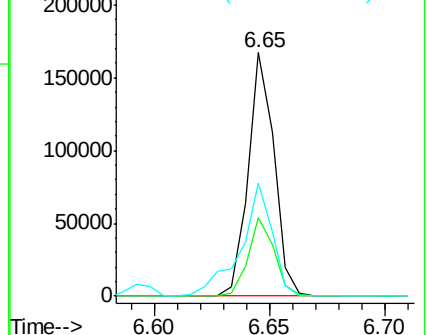
64 46.4 29.4 69.4

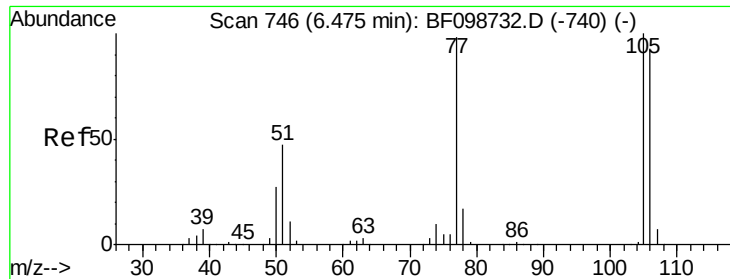


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.56 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

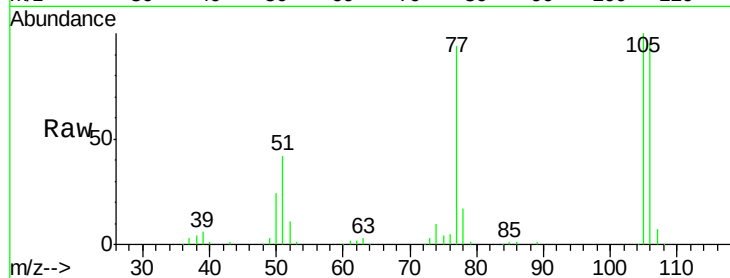
Tot Ion: 77 Resp: 125053

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

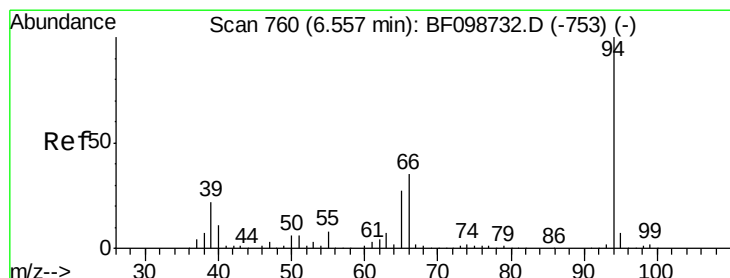
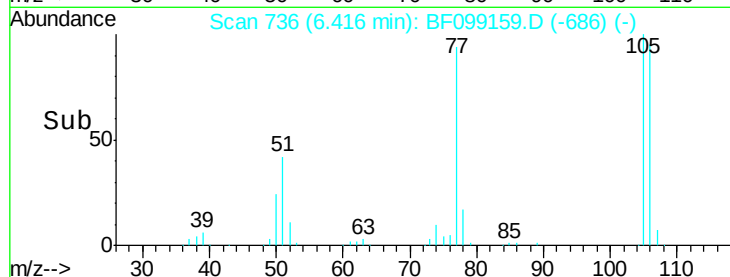
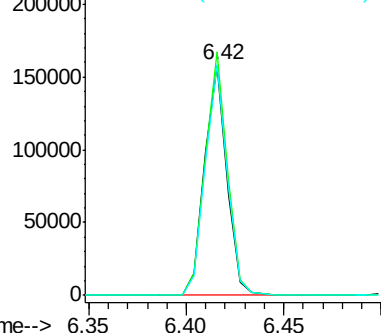
106 100.5 74.5 114.5



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: 6.59 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

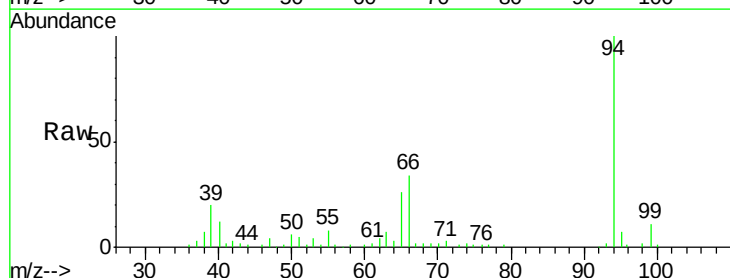
Tgt Ion: 94 Resp: 81278

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

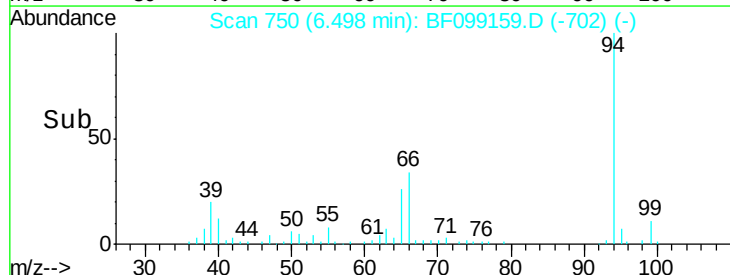
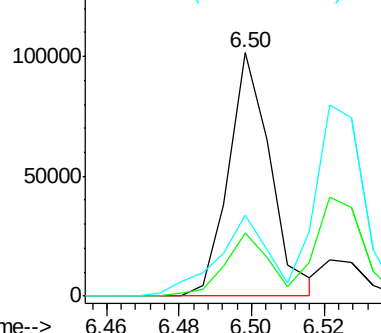
66 33.5 16.2 56.2

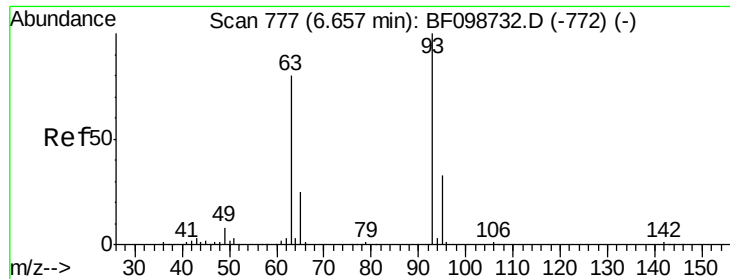


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

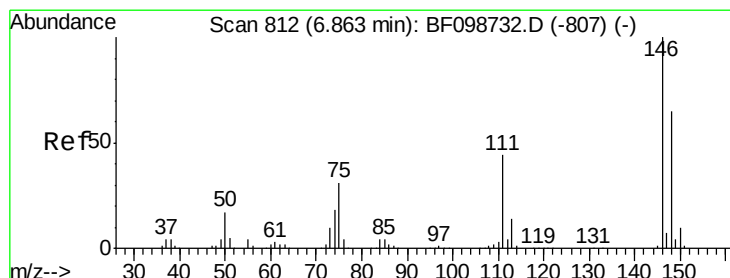
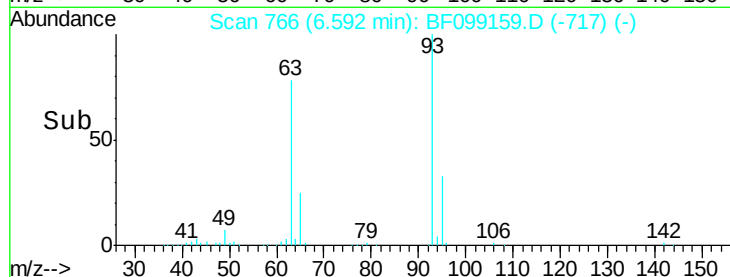
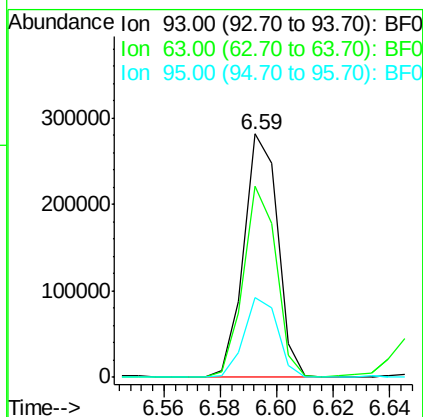
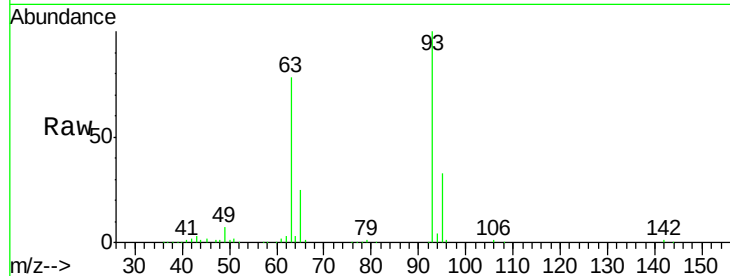




#11
bis(2-Chloroethyl)ether
Concen: 24.55 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

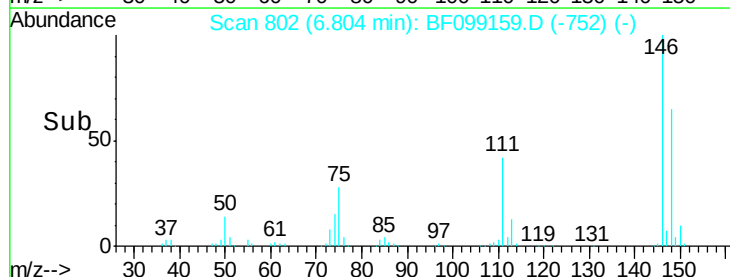
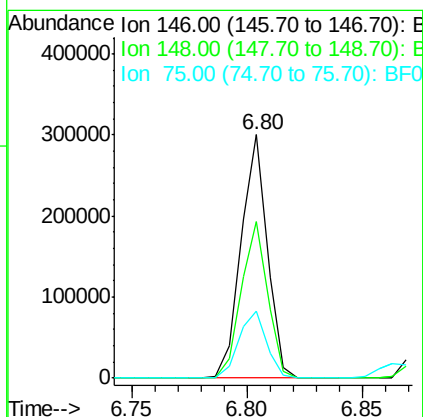
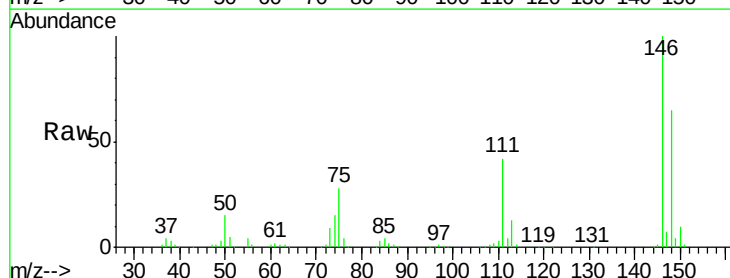
Instrument :
BNA_F
ClientSampleId :

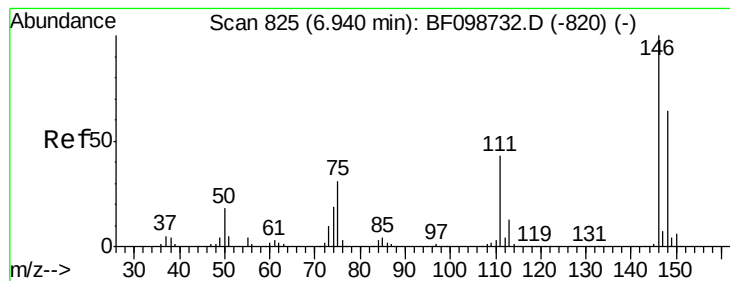
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.6	98.6
95	32.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 22.56 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	27.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 22.69 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

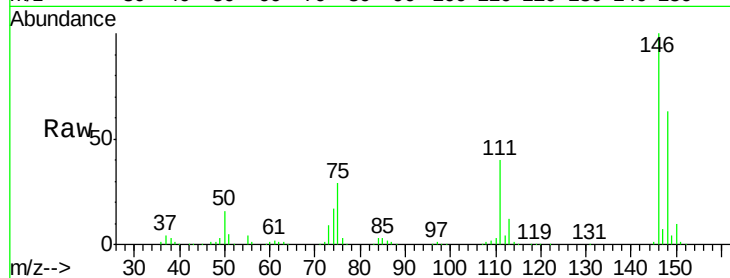
Tot Ion:146 Resp: 244619

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

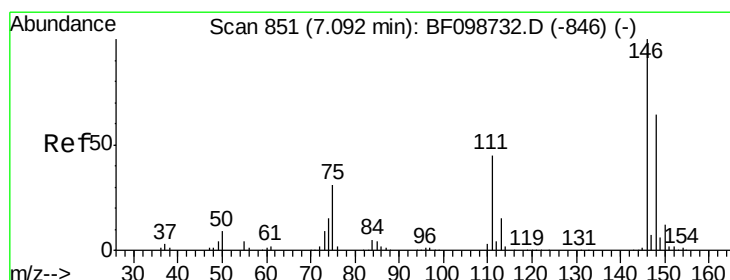
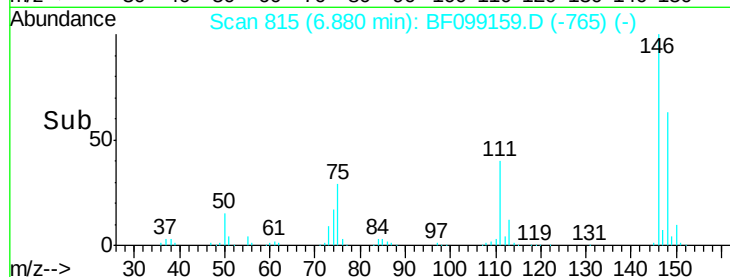
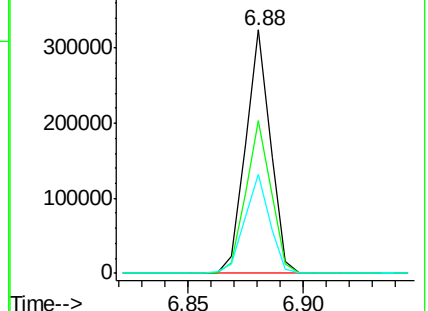
111 40.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 23.19 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

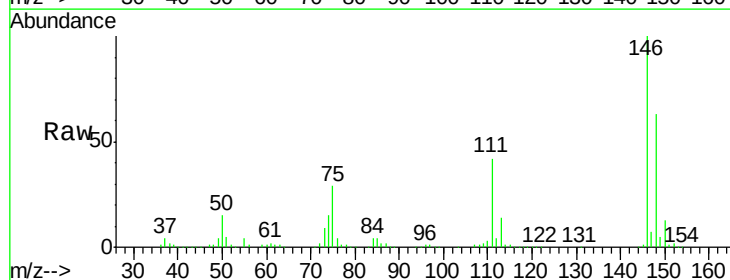
Tgt Ion:146 Resp: 230943

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

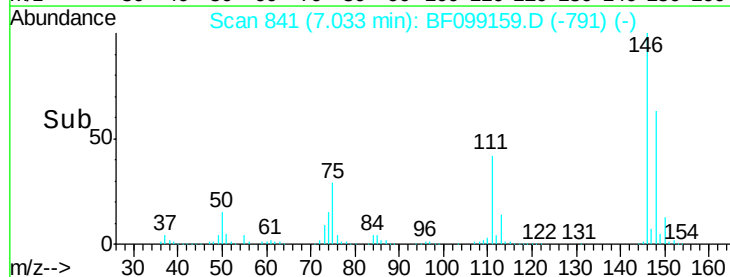
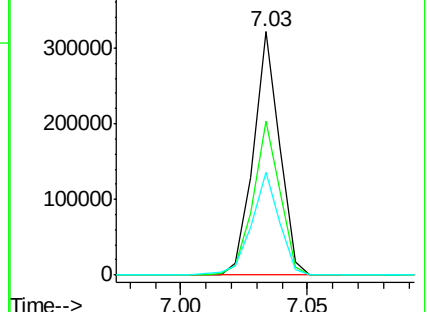
111 42.5 36.0 54.0

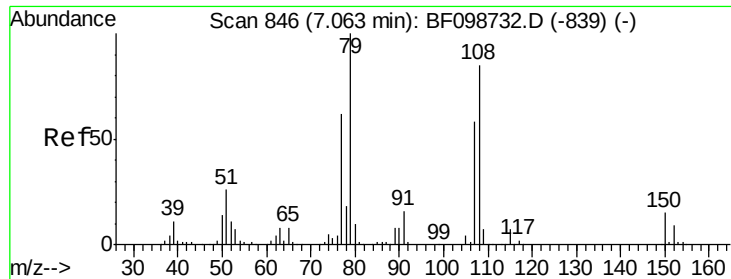


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 16.18 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

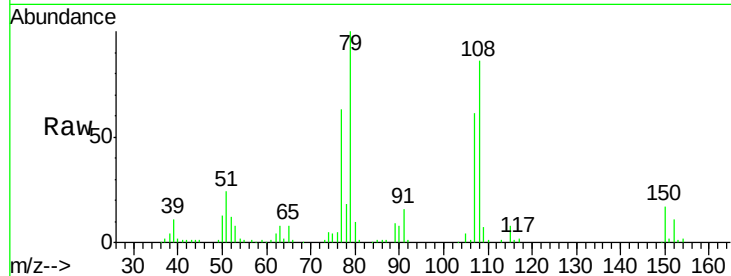
Tot Ion: 79 Resp: 130788

Ion Ratio Lower Upper

79 100

108 86.1 65.1 97.7

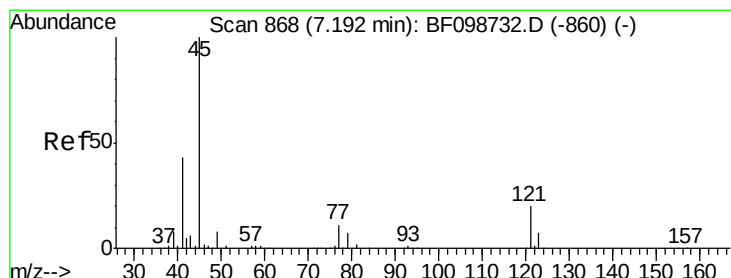
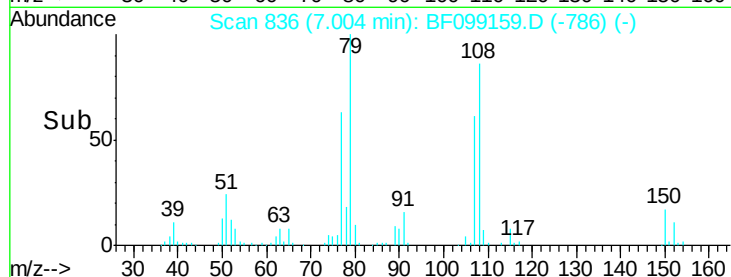
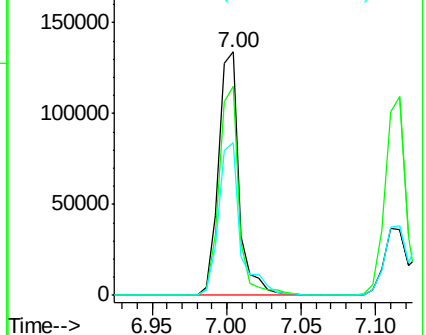
77 63.0 50.6 75.8



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: 23.32 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

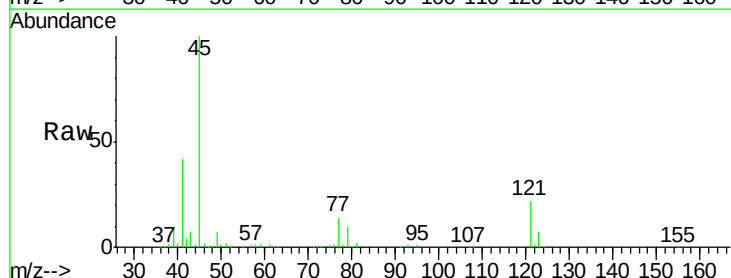
Tgt Ion: 45 Resp: 348099

Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

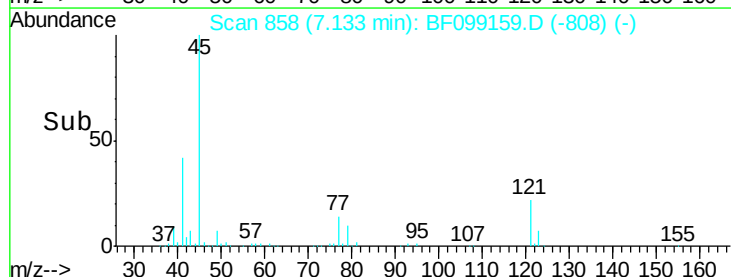
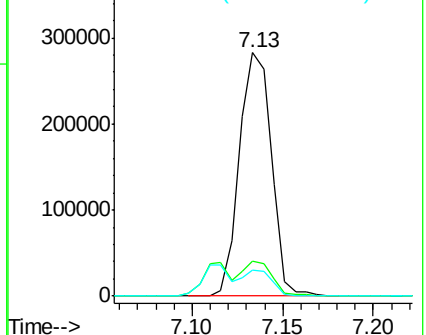
79 10.4 0.0 29.6

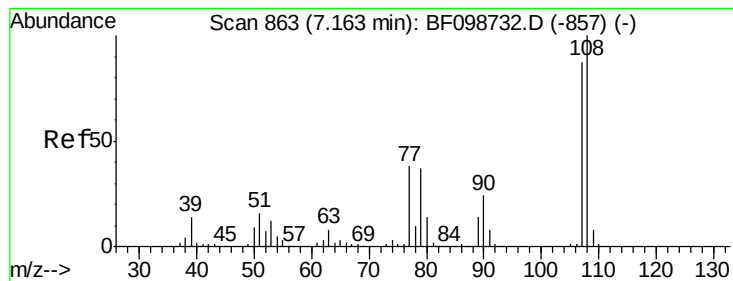


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

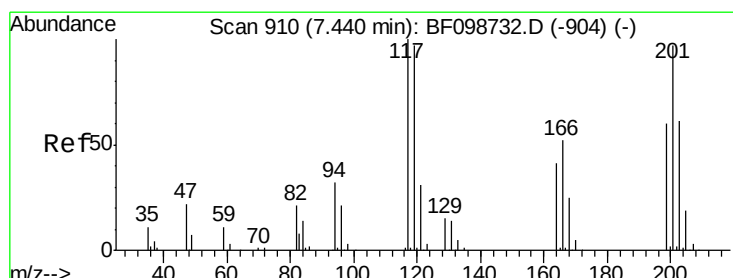
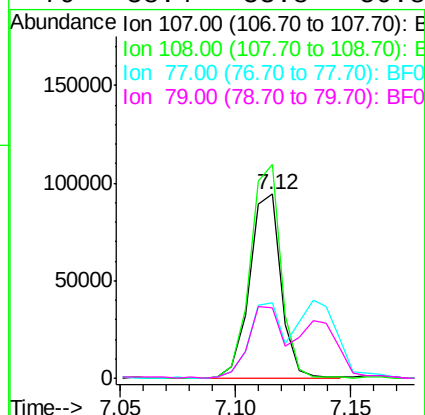
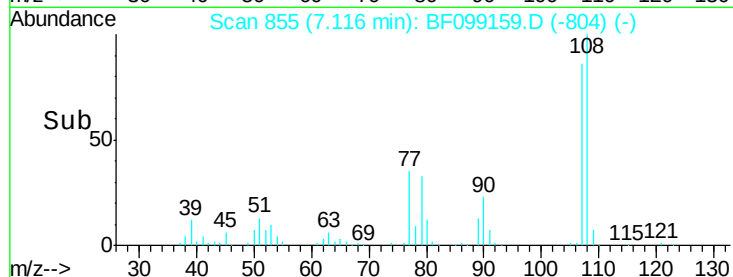
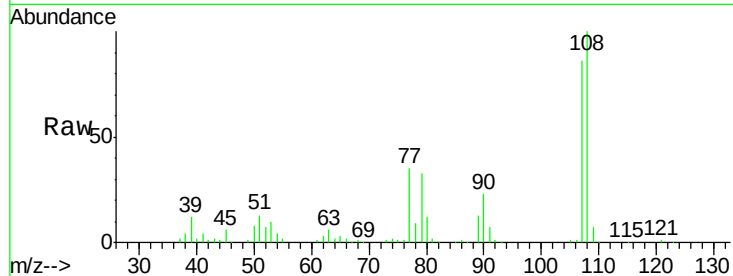




#17
2-Methylphenol
Concen: 10.90 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

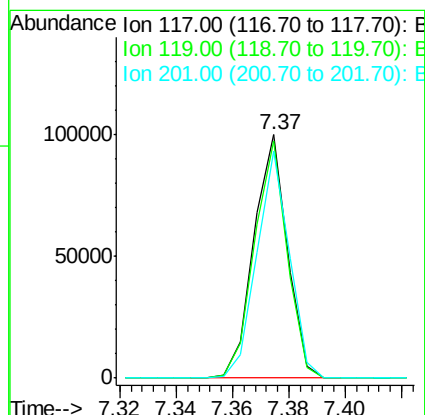
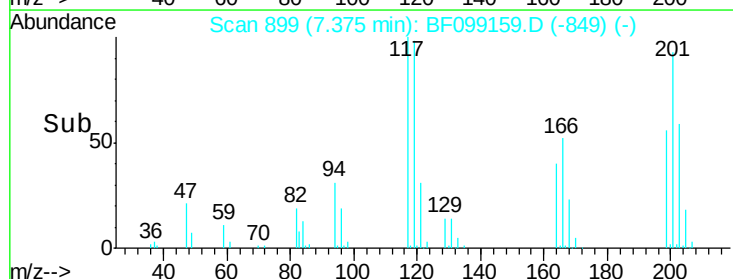
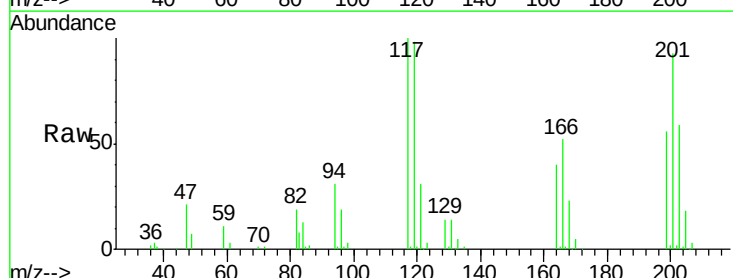
Instrument :
BNA_F
ClientSampleId :

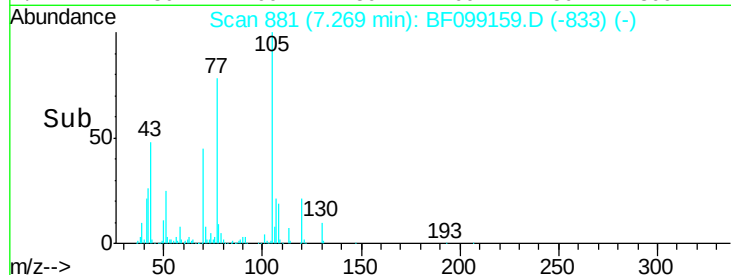
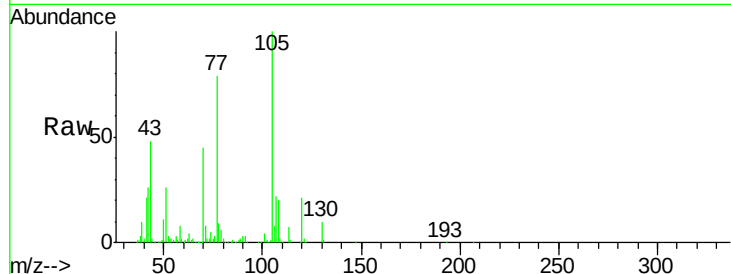
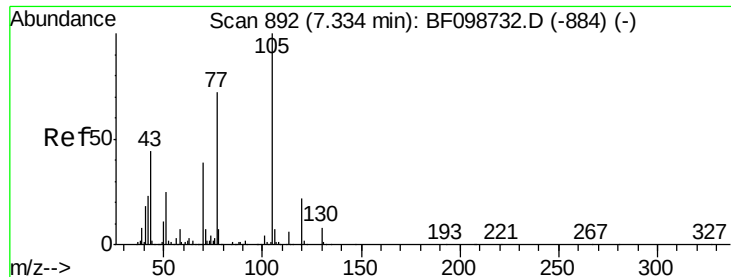
Tot Ion:107 Resp: 90223
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 40.9 33.8 50.8
79 38.4 33.8 50.8



#18
Hexachloroethane
Concen: 21.17 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:117 Resp: 82014
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 93.1 75.7 113.5

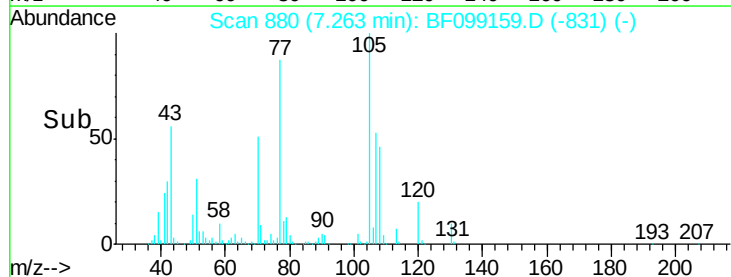
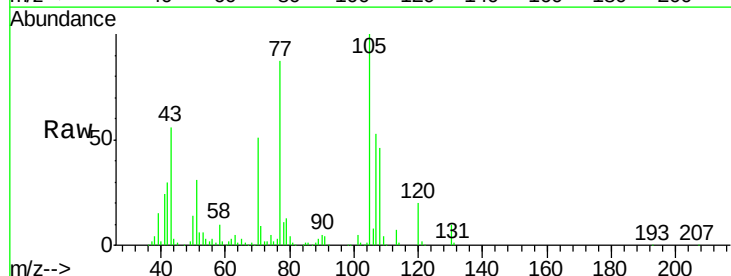
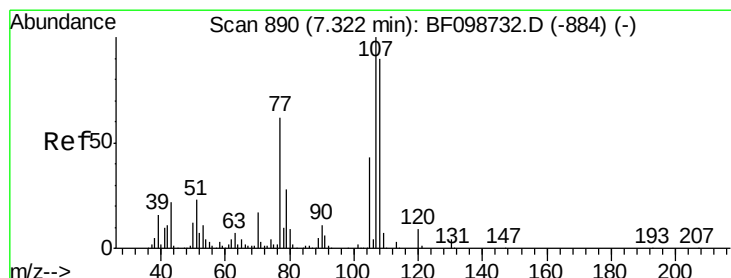
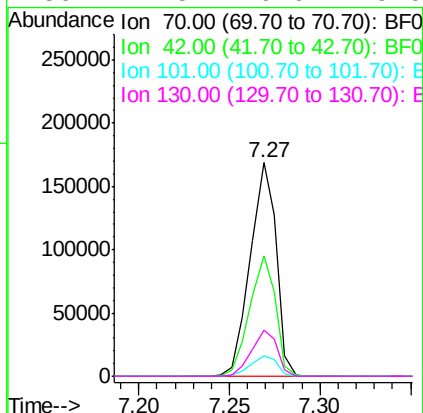




#19
n-Nitroso-di-n-propylamine
Concen: 23.85 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

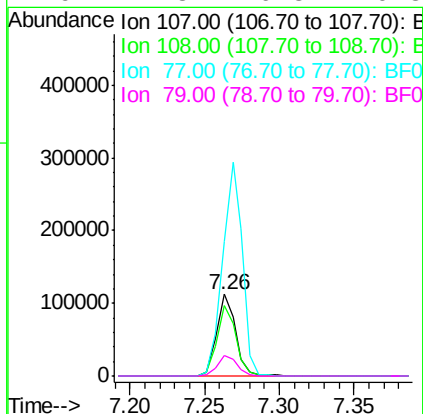
Instrument :
BNA_F
ClientSampleId :

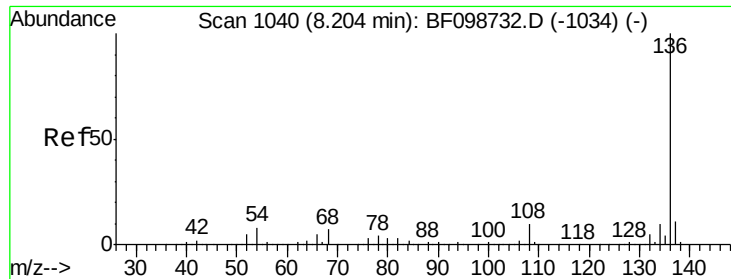
Tot Ion:	70	Resp:	167829
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	9.8	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 9.73 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:	107	Resp:	101884
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	164.6	26.7	66.7#
79	24.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 588561

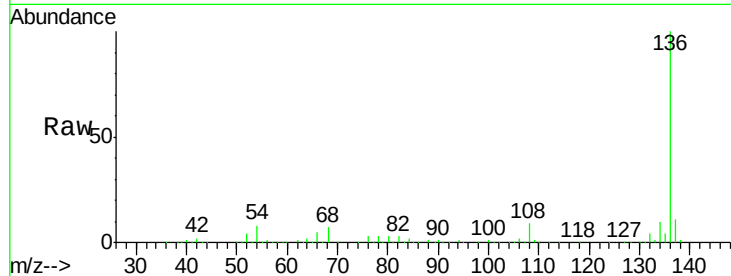
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.6 6.6 9.8

68 6.5 5.0 7.4

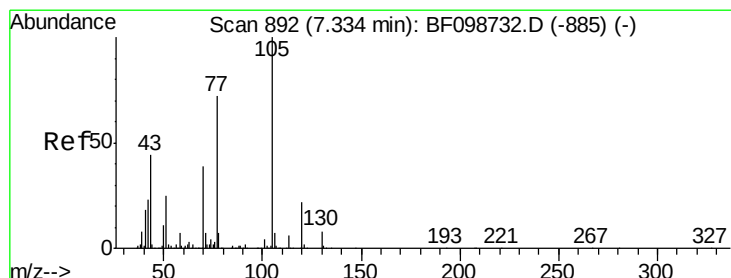
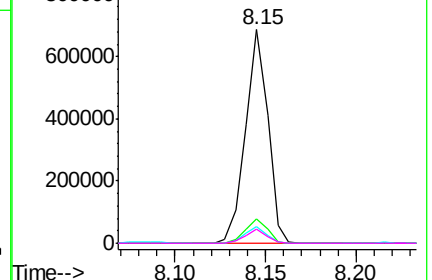
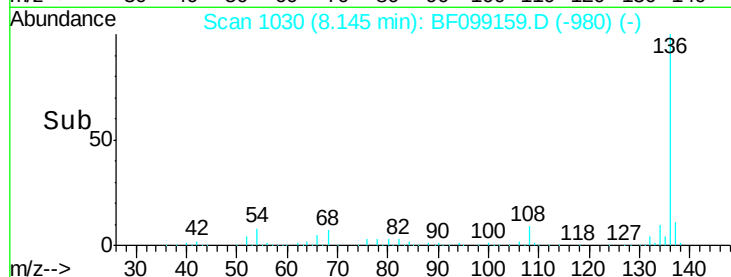


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.36 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Tgt Ion:105 Resp: 347419

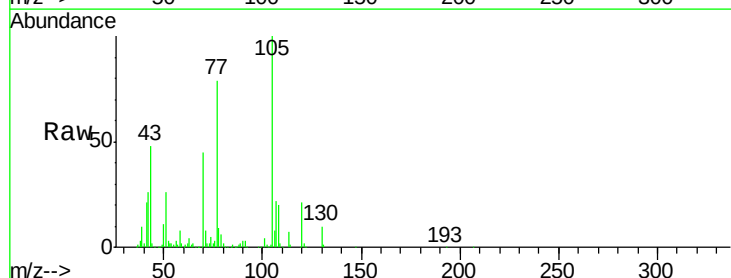
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 25.9 22.3 33.5

120 21.3 16.9 25.3

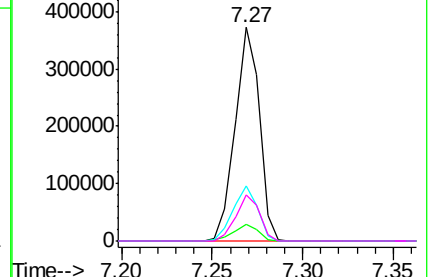
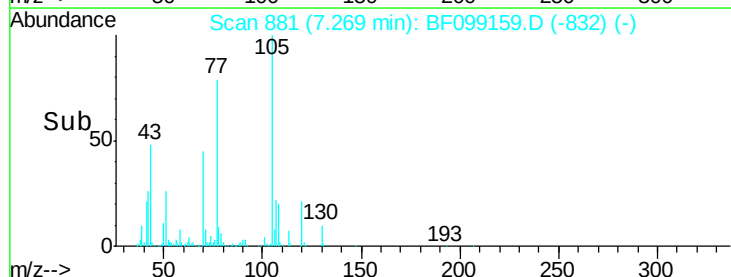


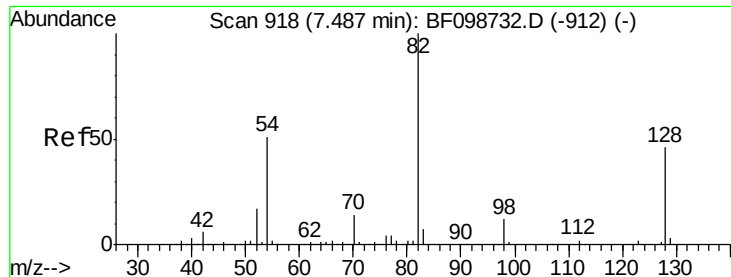
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

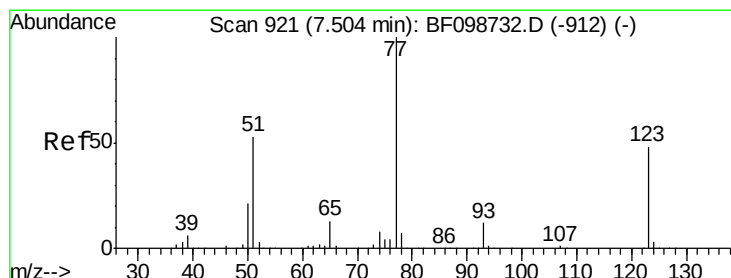
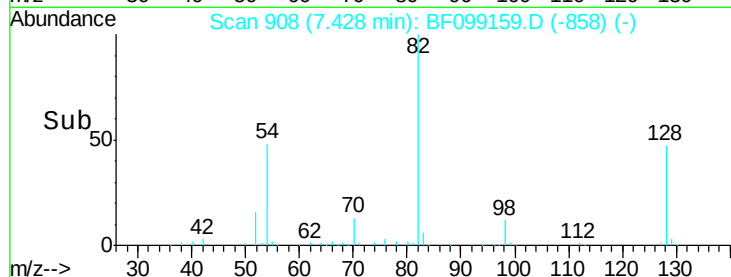
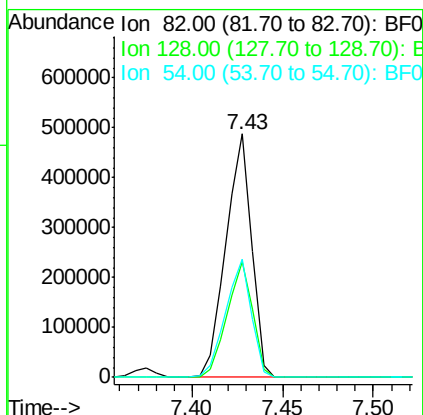
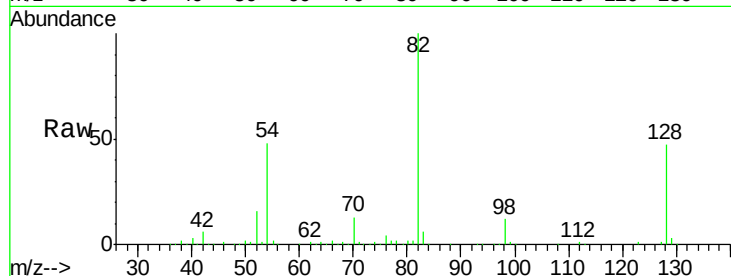




#23
Nitrobenzene-d5
Concen: 52.48 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

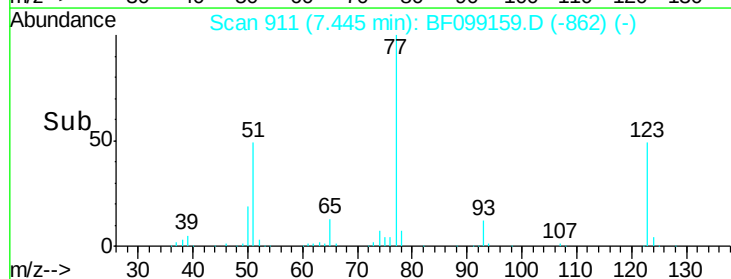
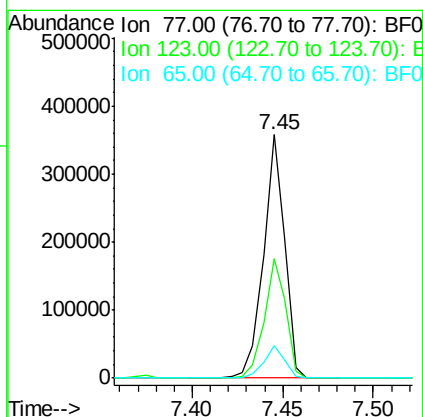
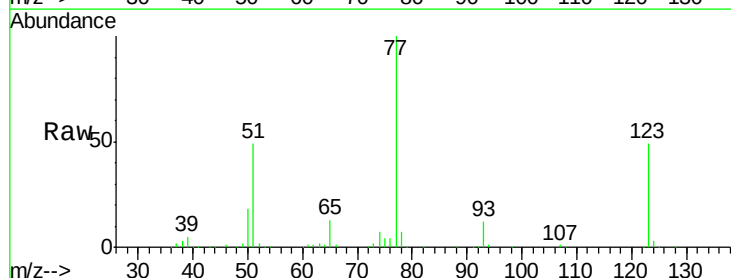
Instrument :
BNA_F
ClientSampleId :

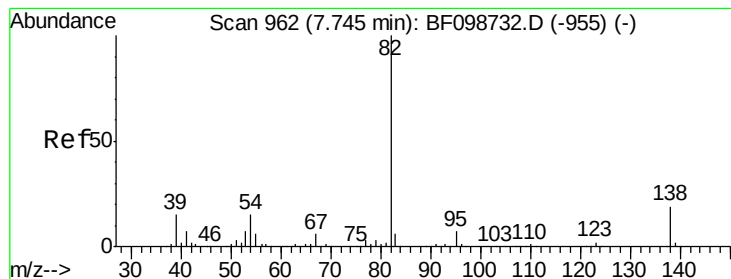
Tot Ion: 82 Resp: 481653
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 48.3 41.4 62.2



#24
Nitrobenzene
Concen: 27.84 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion: 77 Resp: 289879
Ion Ratio Lower Upper
77 100
123 49.1 37.9 56.9
65 13.2 11.0 16.4





#25

Isophorone

Concen: 24.38 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

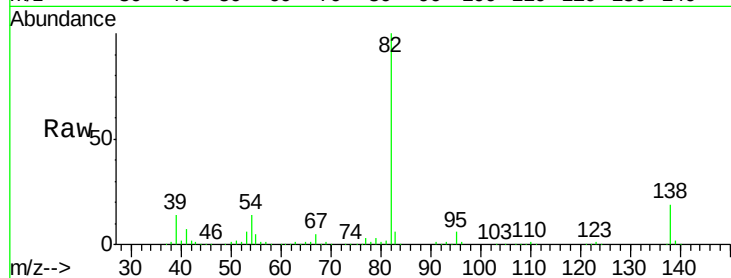
Tot Ion: 82 Resp: 462639

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

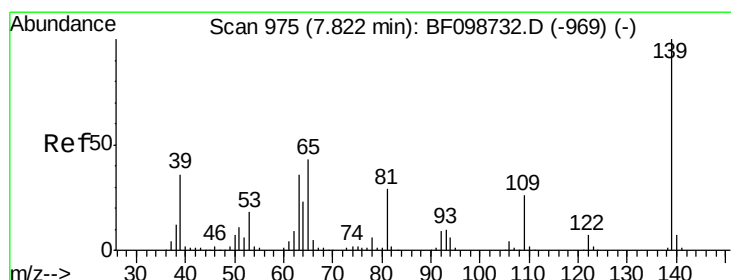
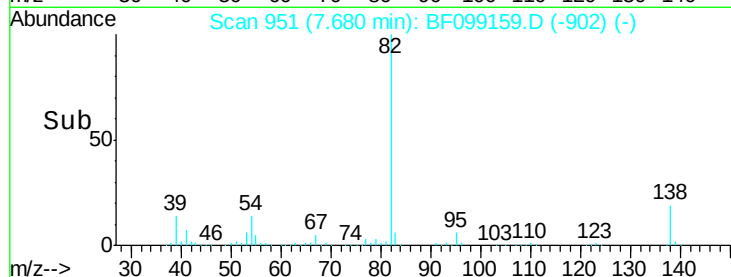
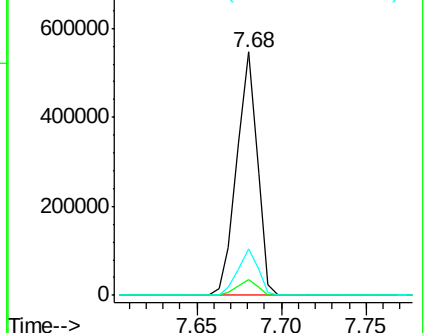
138 19.3 14.9 22.3



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: 16.10 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

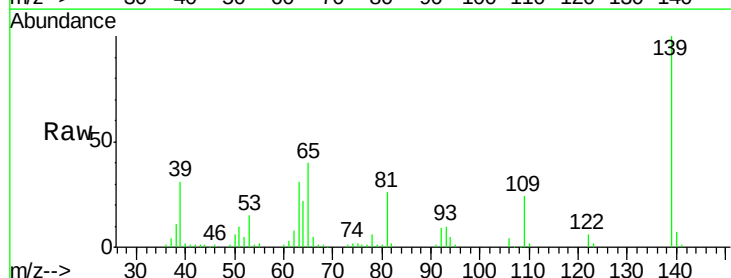
Tgt Ion: 139 Resp: 80621

Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

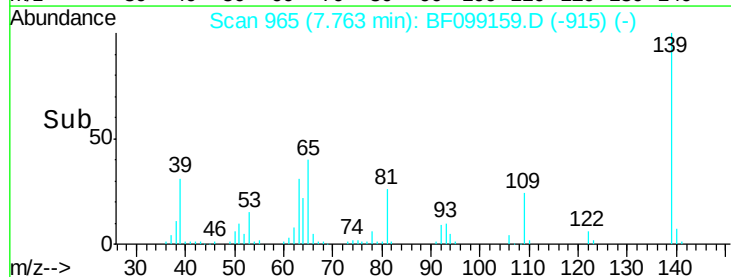
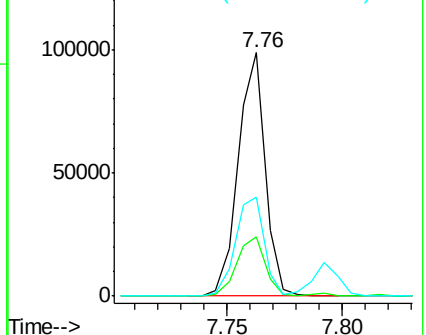
65 40.4 40.5 60.7#

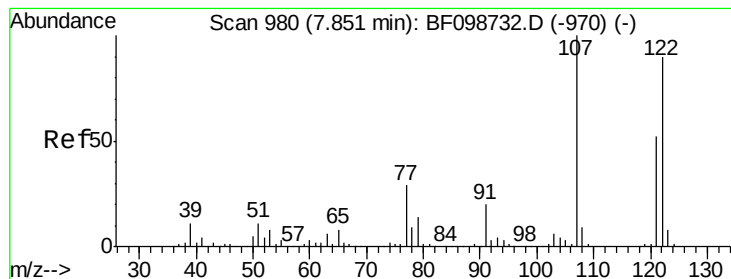


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 12.60 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

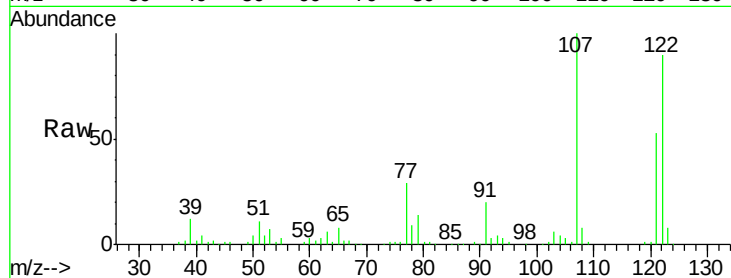
Tot Ion:122 Resp: 119154

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

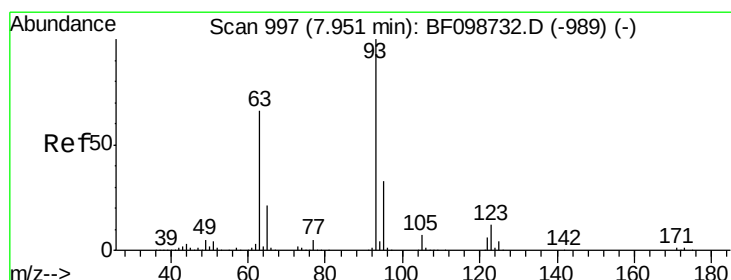
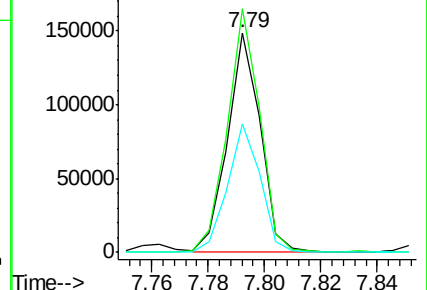
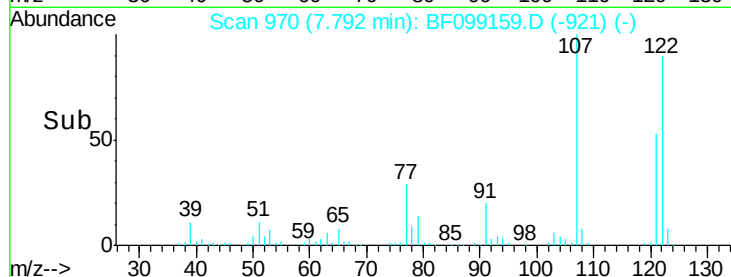
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 25.59 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

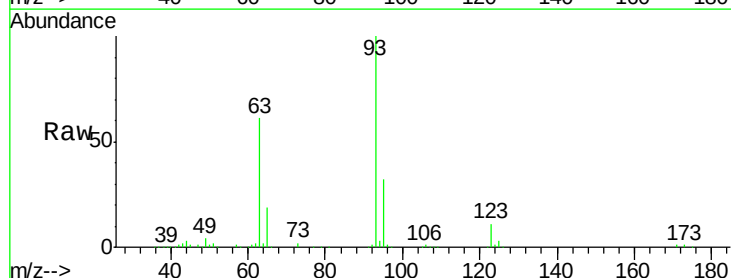
Tgt Ion: 93 Resp: 302631

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

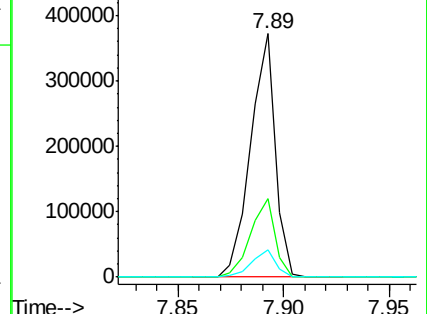
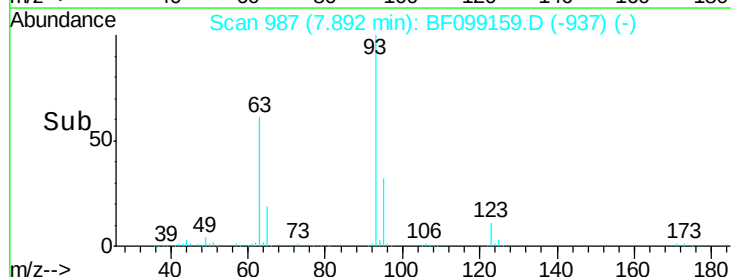
123 11.1 9.8 14.6

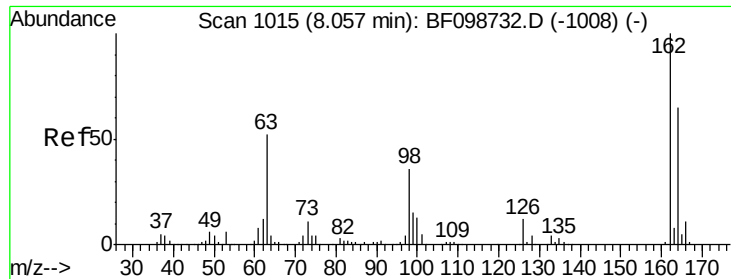


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

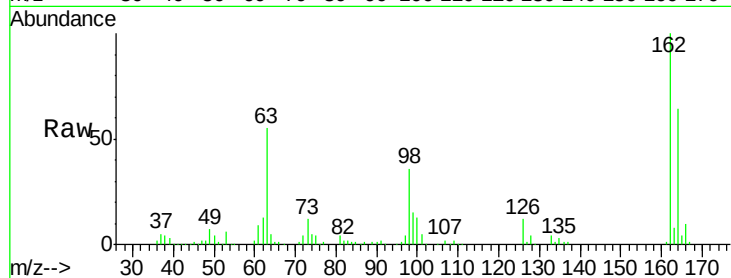




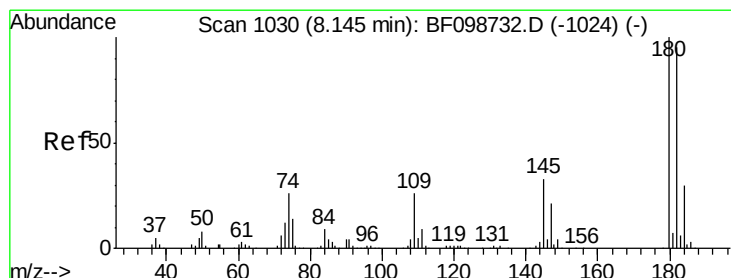
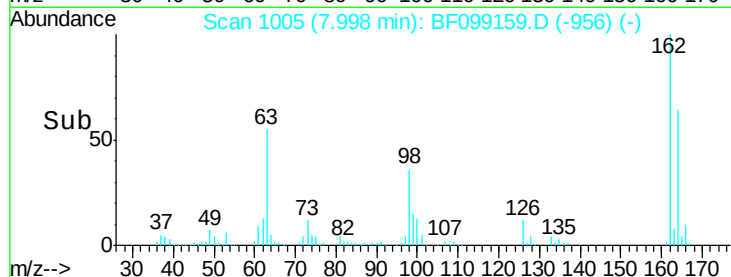
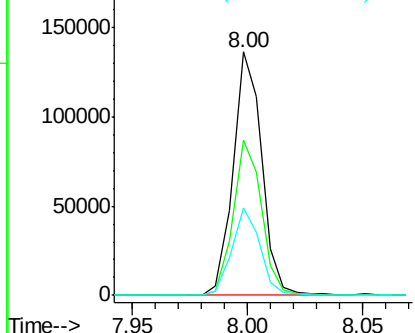
#29
 2,4-Dichlorophenol
 Concen: 14.58 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 118338
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 35.9 18.1 58.1

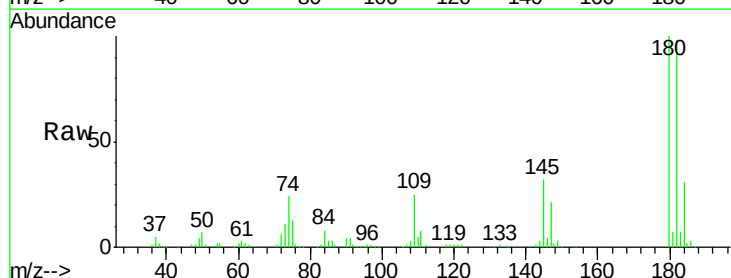


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

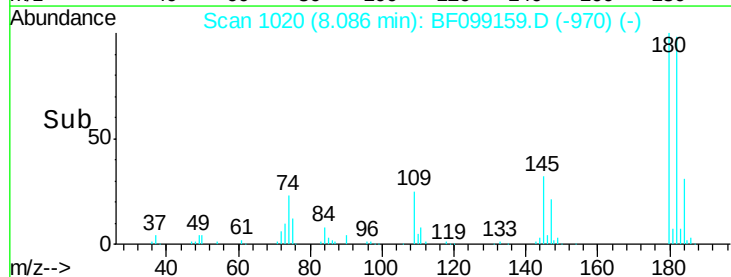
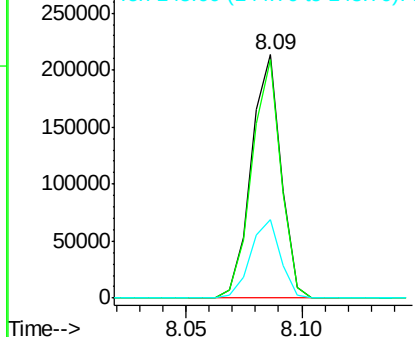


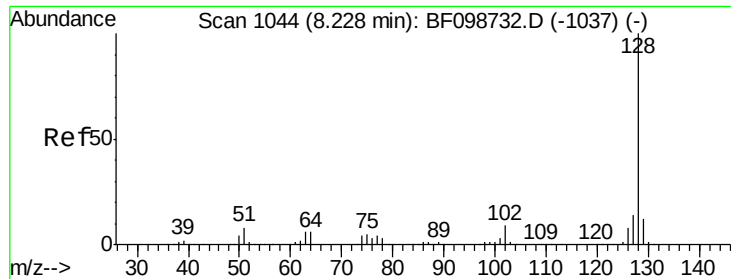
#30
 1,2,4-Trichlorobenzene
 Concen: 23.66 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:180 Resp: 192096
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.8 115.2
 145 32.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

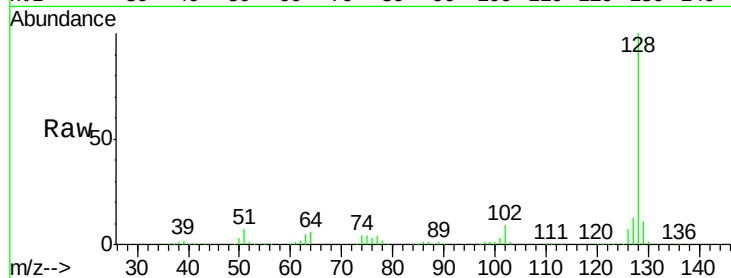




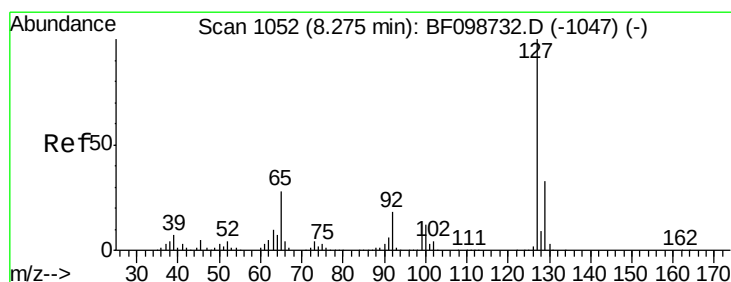
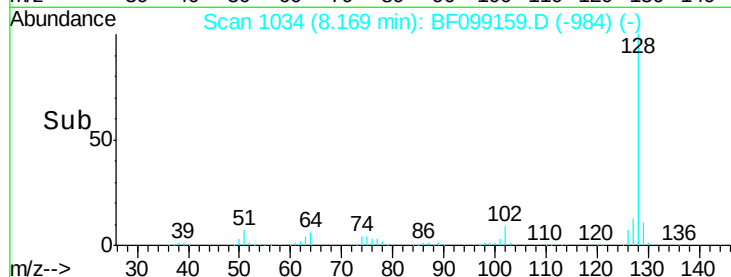
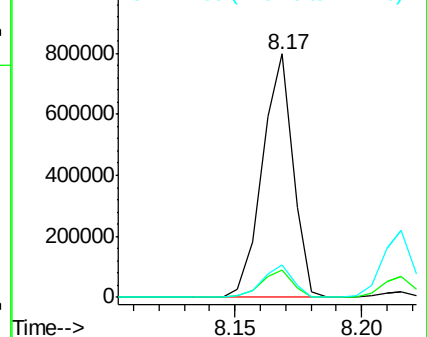
#31
Naphthalene
Concen: 24.48 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 676626
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3

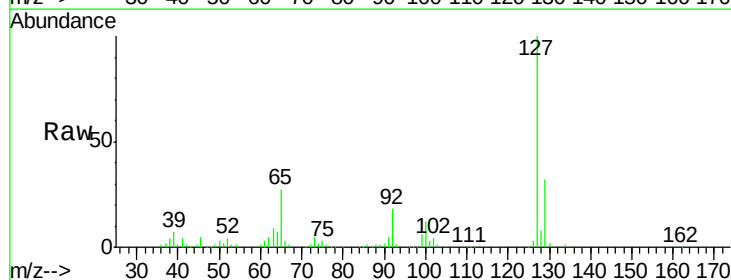


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

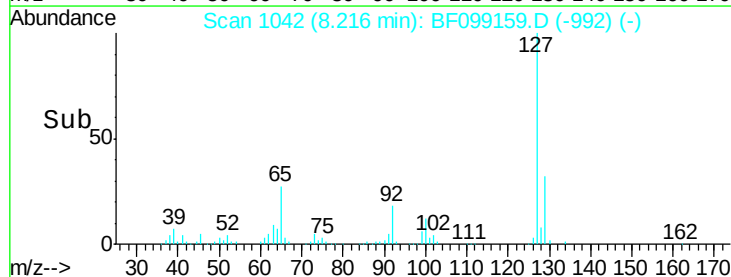
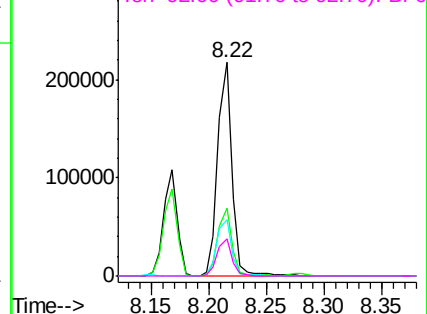


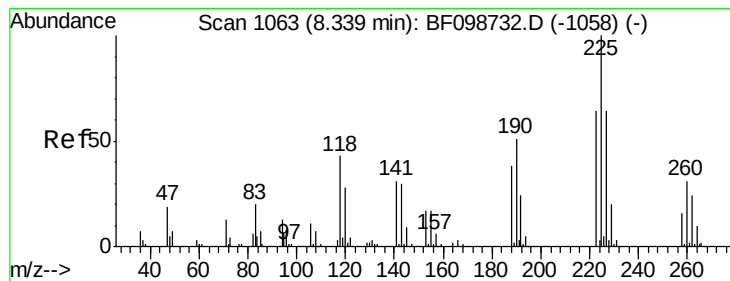
#33
4-Chloroaniline
Concen: 16.21 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:127 Resp: 187071
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 26.6 25.0 37.4
92 17.6 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: 21.40 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampled :

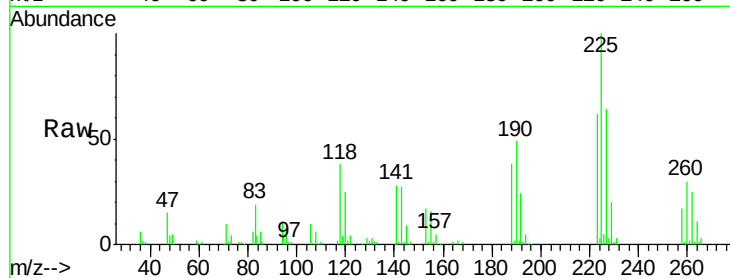
Tot Ion:225 Resp: 89506

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

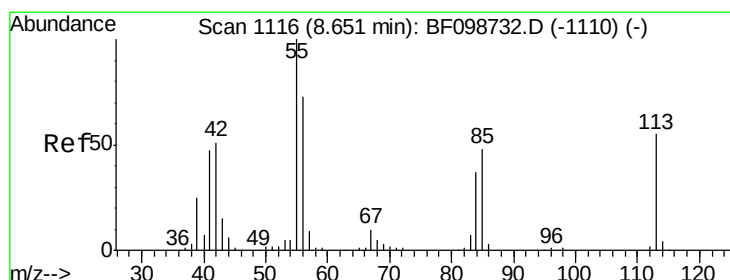
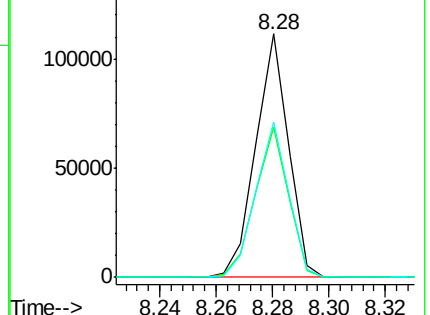
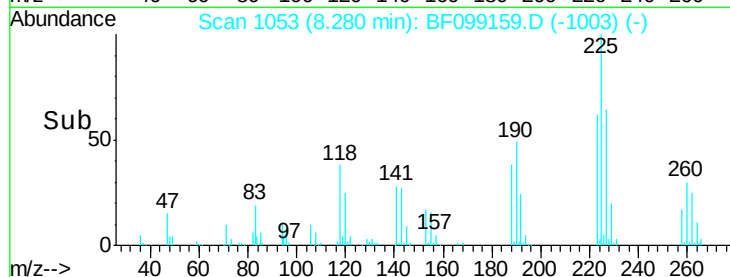
227 63.9 51.9 77.9



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: 4.41 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.05 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

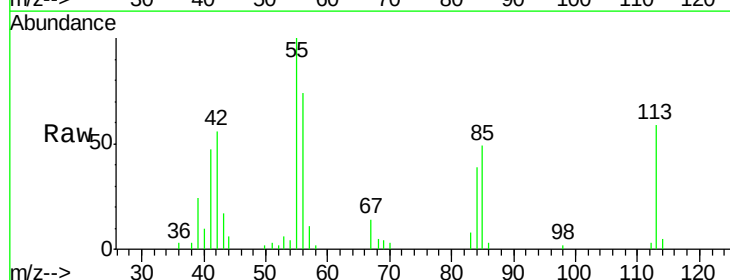
Tgt Ion:113 Resp: 11491

Ion Ratio Lower Upper

113 100

55 170.2 163.3 203.3

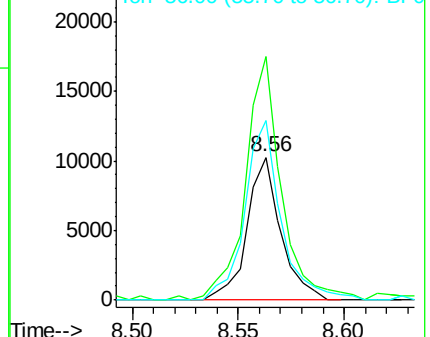
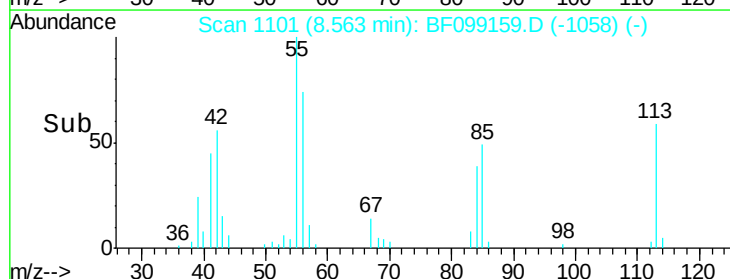
56 125.8 115.7 155.7

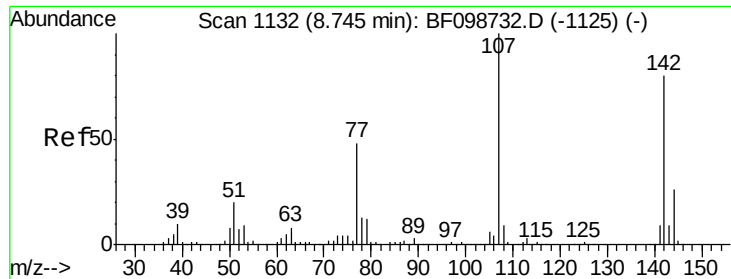


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

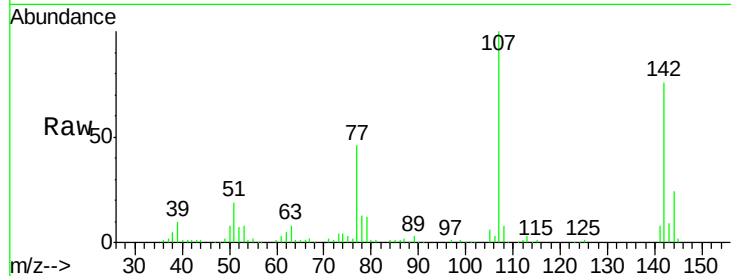




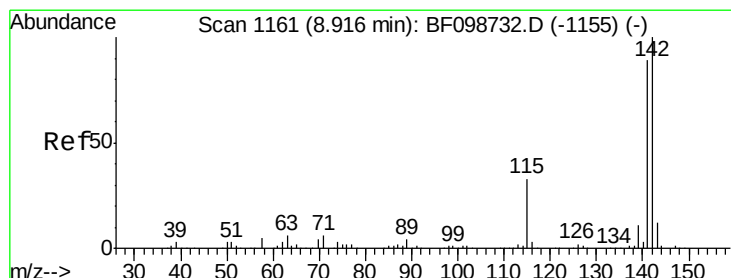
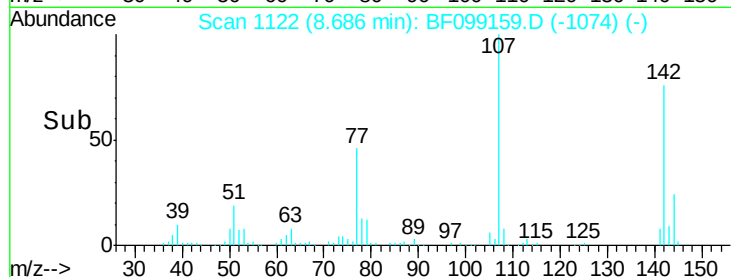
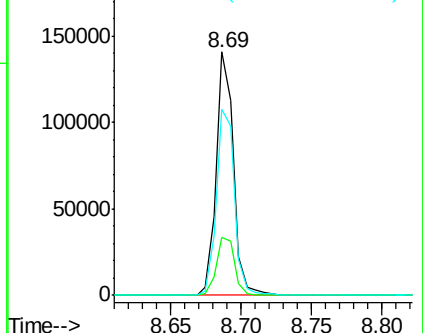
#36
 4-Chloro-3-methylphenol
 Concen: 13.13 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 119791
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.5 30.7
 142 76.3 62.0 93.0

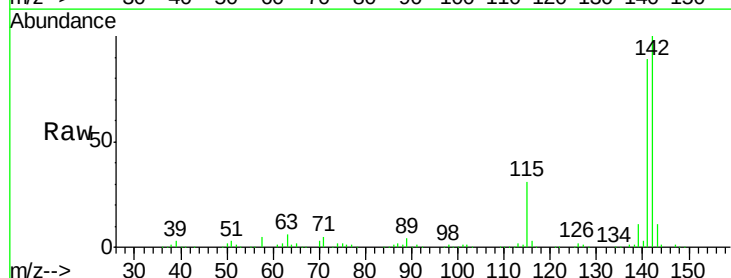


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

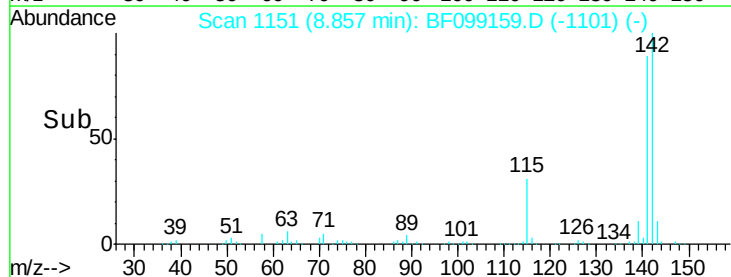
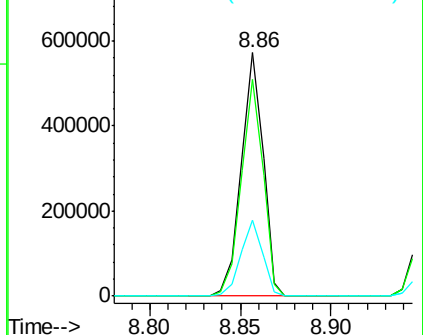


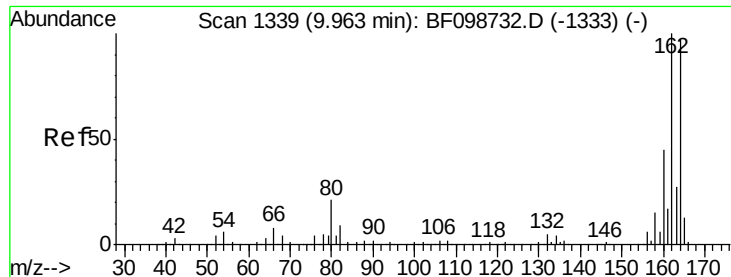
#37
 2-Methylnaphthalene
 Concen: 26.69 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:142 Resp: 479565
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 31.2 26.1 39.1



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

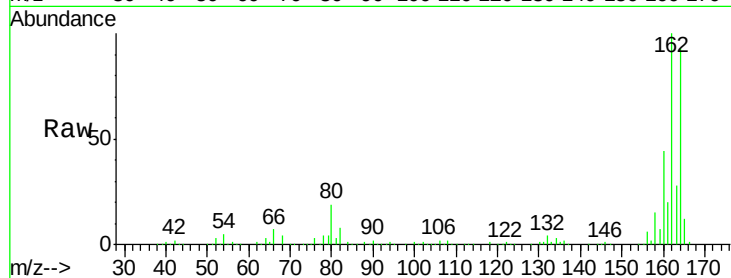
Tot Ion:164 Resp: 264226

Ion Ratio Lower Upper

164 100

162 107.7 86.1 129.1

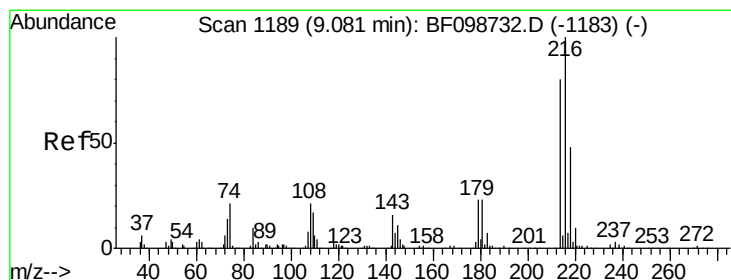
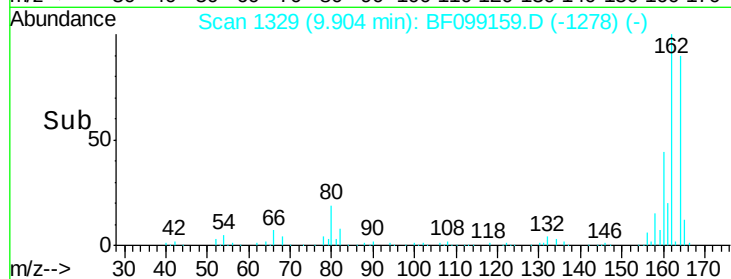
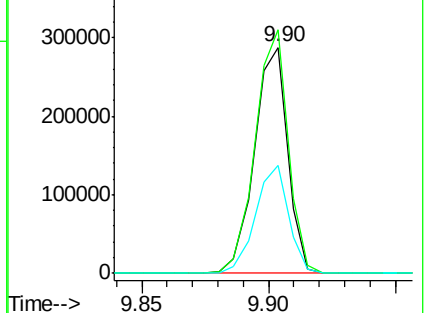
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.98 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Tgt Ion:216 Resp: 188971

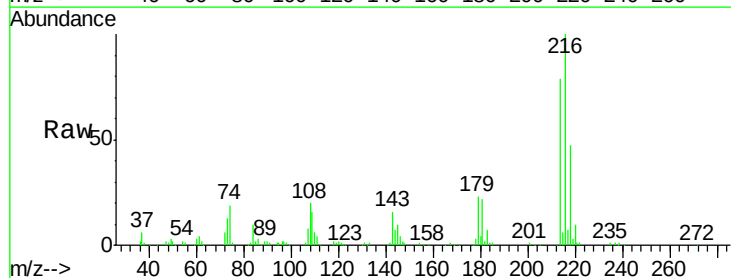
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.4 18.1 27.1

108 21.8 17.2 25.8

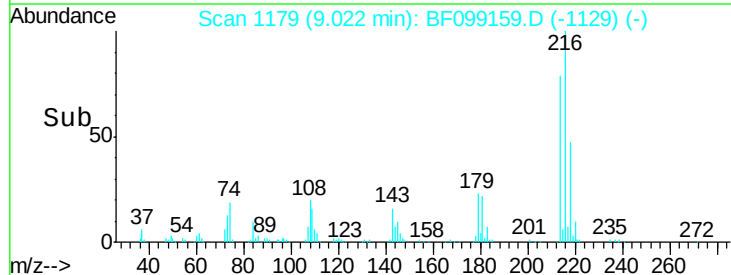
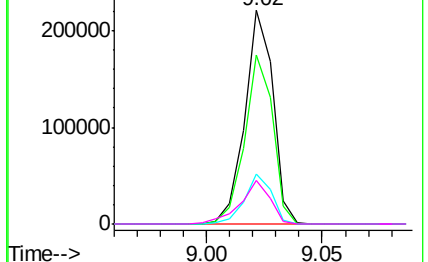


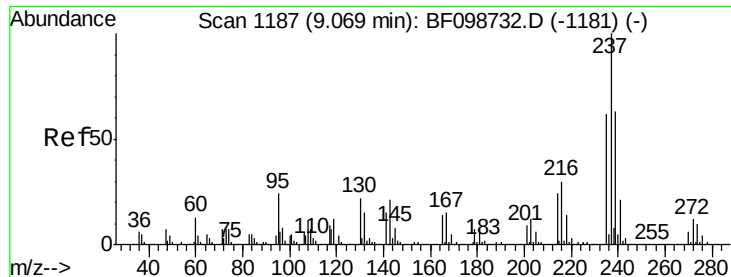
Abundance Ion 216.00 (215.70 to 216.70): E

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

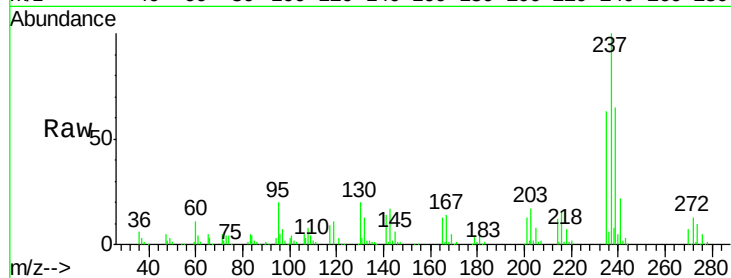




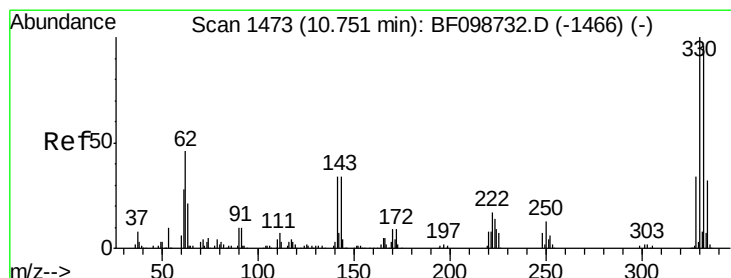
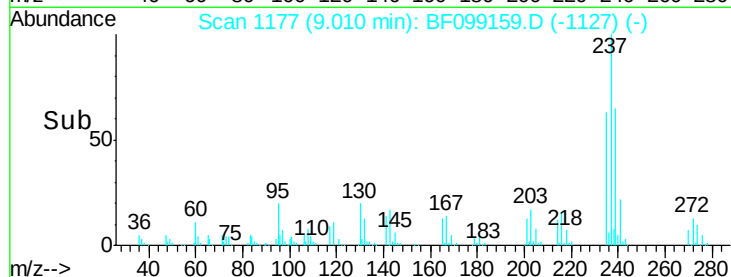
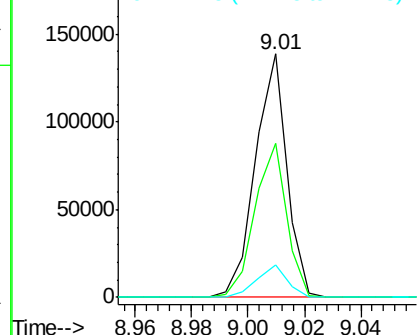
#40
Hexachlorocyclopentadiene
Concen: 29.74 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 107111
Ion Ratio Lower Upper
237 100
235 63.3 44.8 84.8
272 13.1 0.0 33.3

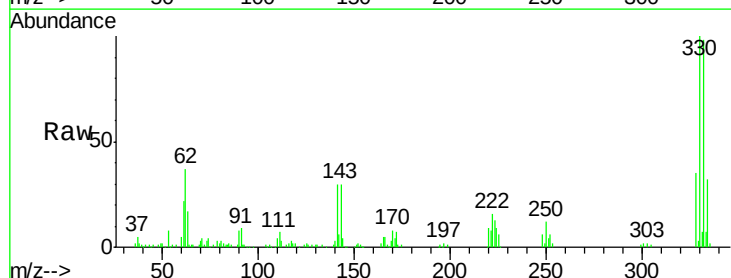


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

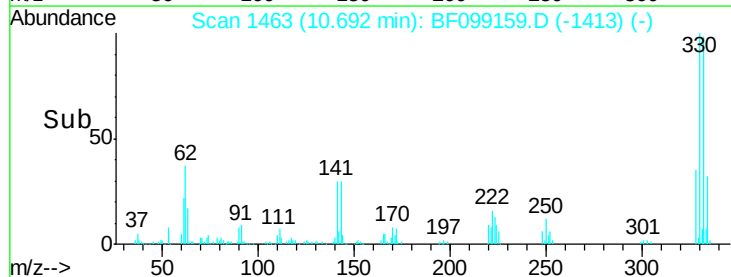
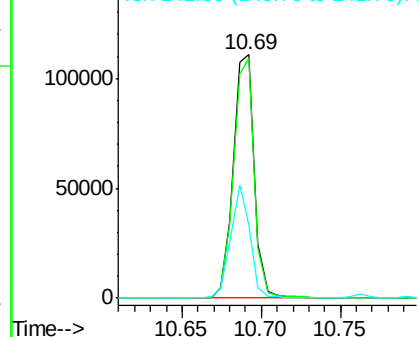


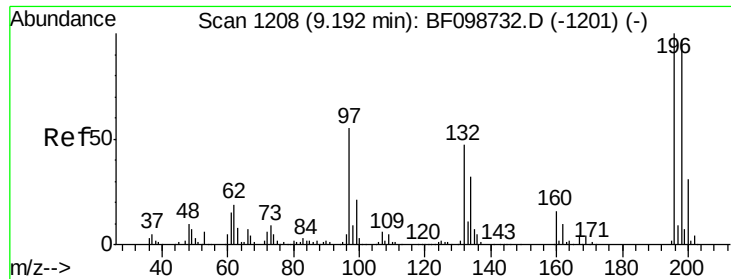
#41
2,4,6-Tribromophenol
Concen: 47.33 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:330 Resp: 102341
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 42.2 29.9 44.9



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

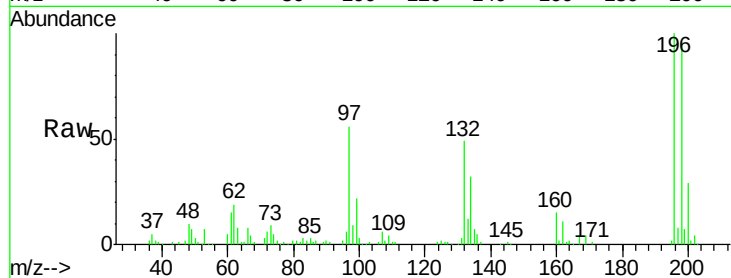




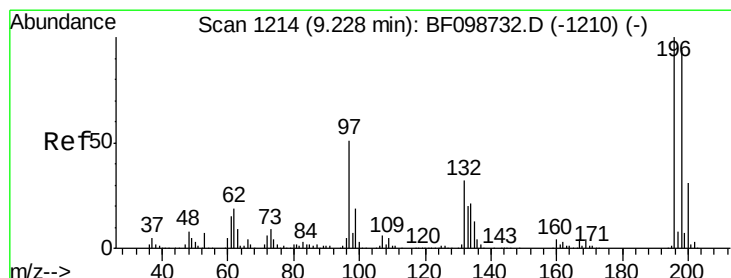
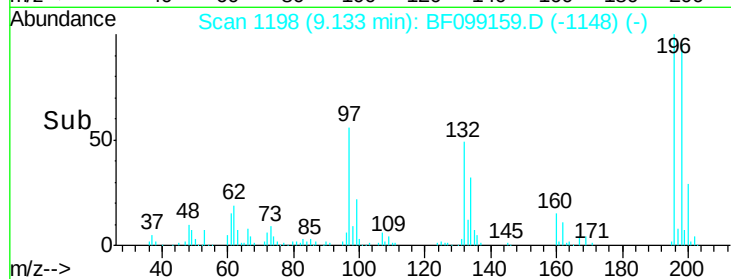
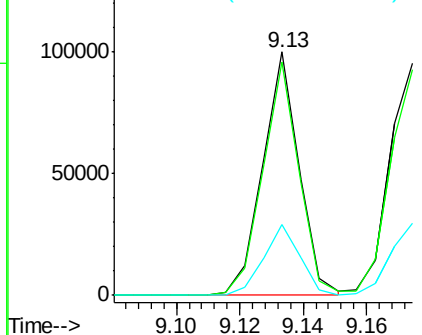
#42
 2,4,6-Trichlorophenol
 Concen: 14.29 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79753
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 29.3 24.5 36.7

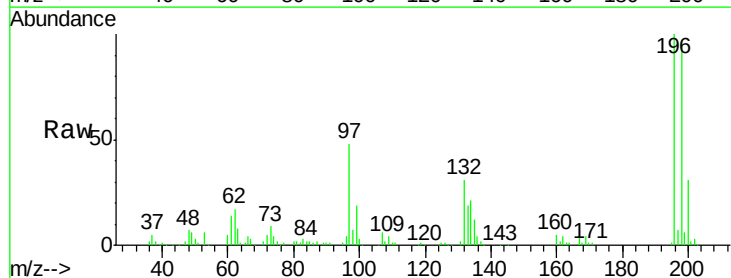


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

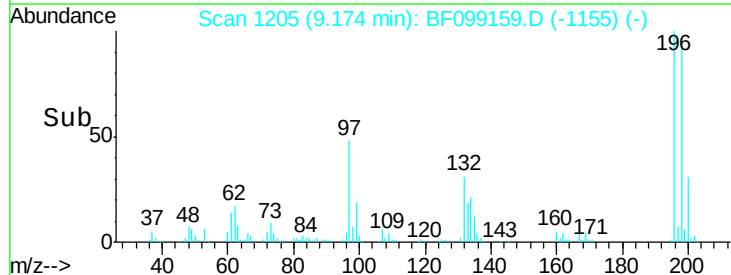
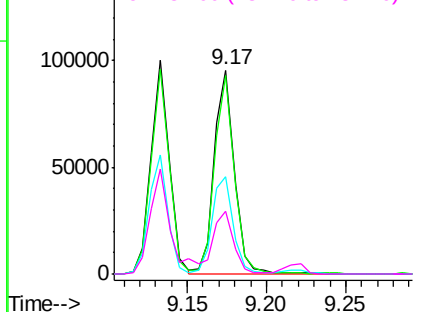


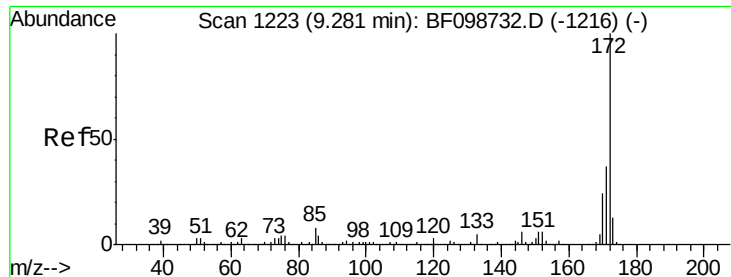
#43
 2,4,5-Trichlorophenol
 Concen: 15.19 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:196 Resp: 84647
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.6 112.0
 97 47.6 42.9 64.3
 132 31.1 26.3 39.5



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

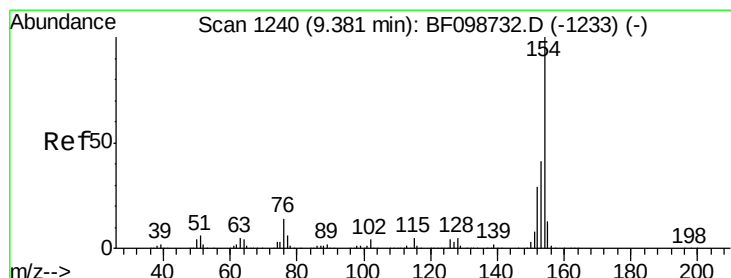
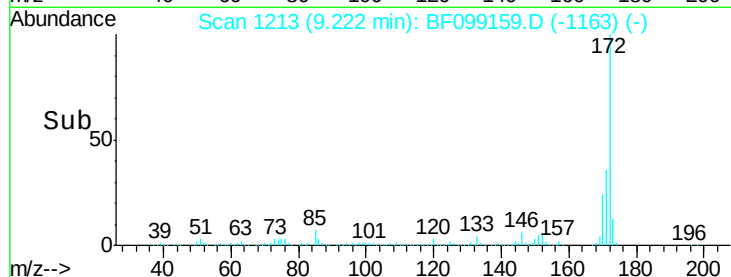
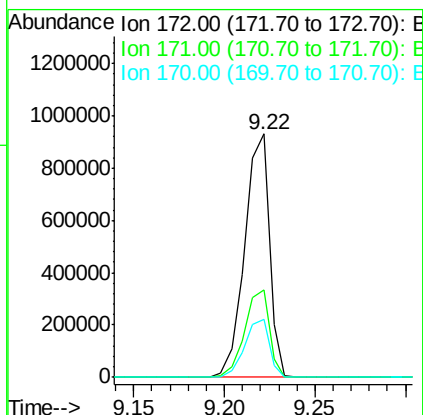
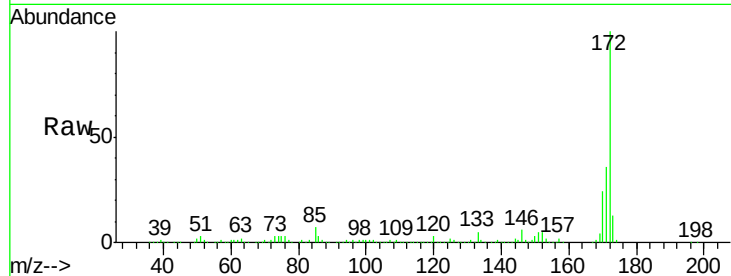




#44
2-Fluorobiphenyl
Concen: 55.68 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

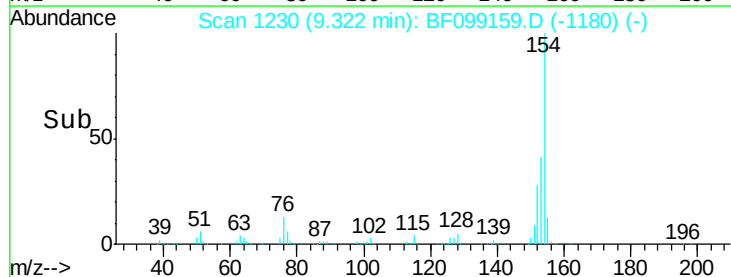
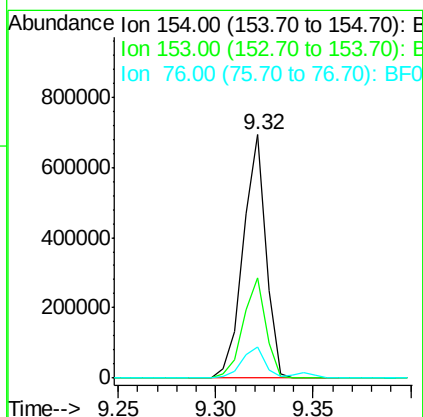
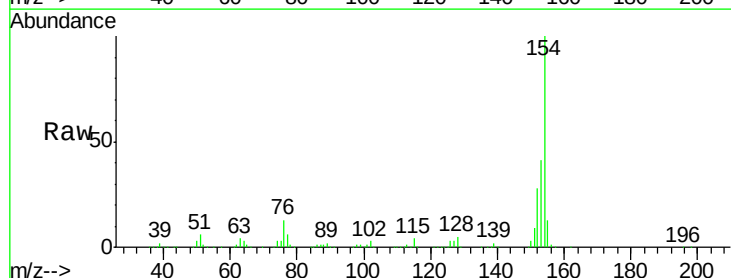
Instrument :
BNA_F
ClientSampleId :

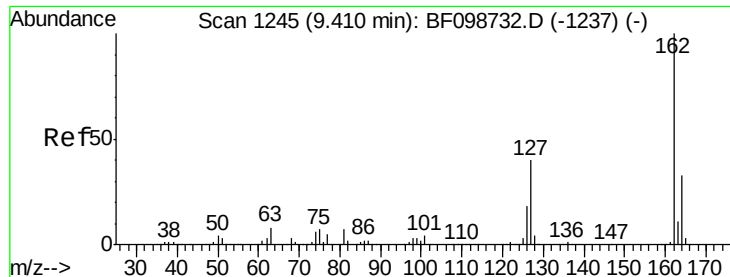
Tot Ion:172 Resp: 881326
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.6 19.6 29.4



#45
1,1'-Biphenyl
Concen: 24.68 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:154 Resp: 560391
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 12.9 0.0 34.0

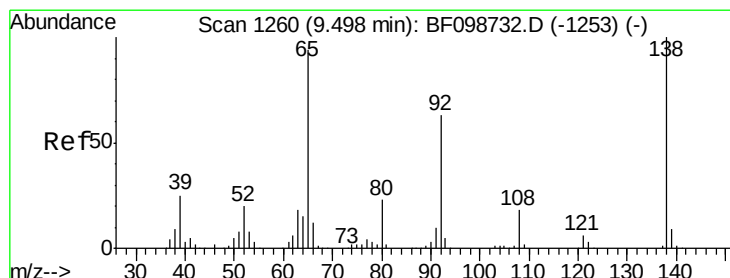
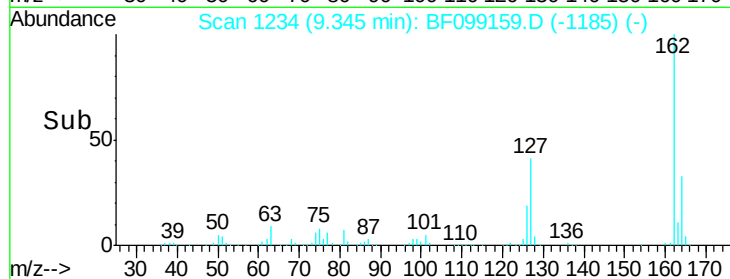
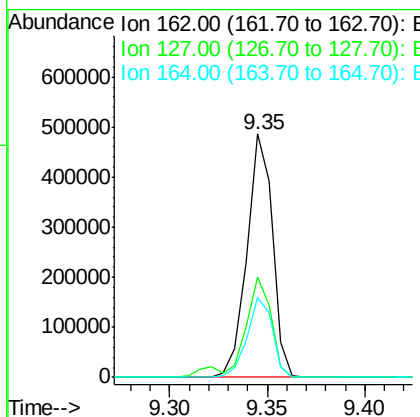
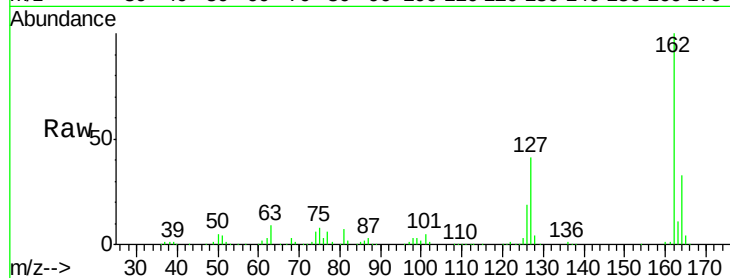




#46
 2-Chloronaphthalene
 Concen: 25.82 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

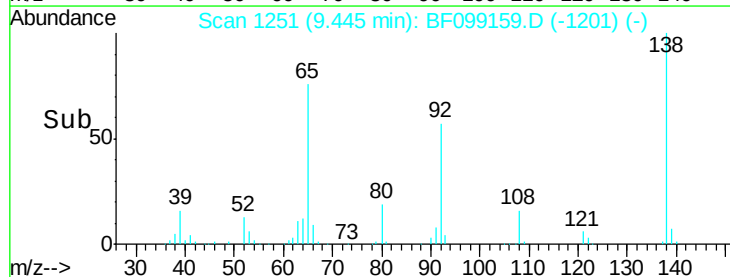
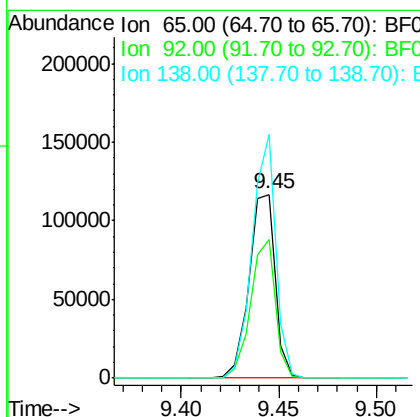
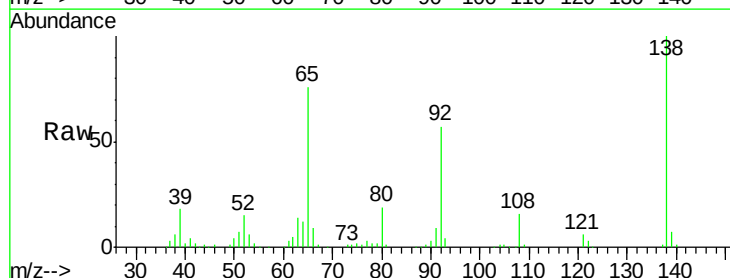
Instrument :
 BNA_F
 ClientSampleId :

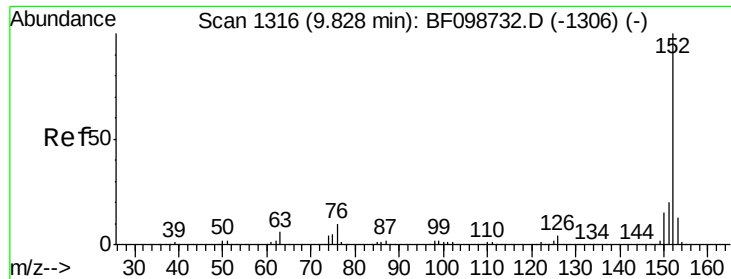
Tot Ion:162 Resp: 440228
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.9 50.9
 164 32.9 26.5 39.7



#47
 2-Nitroaniline
 Concen: 20.83 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion: 65 Resp: 108724
 Ion Ratio Lower Upper
 65 100
 92 75.4 55.8 83.6
 138 132.4 91.2 136.8





#48

Acenaphthylene

Concen: 26.13 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

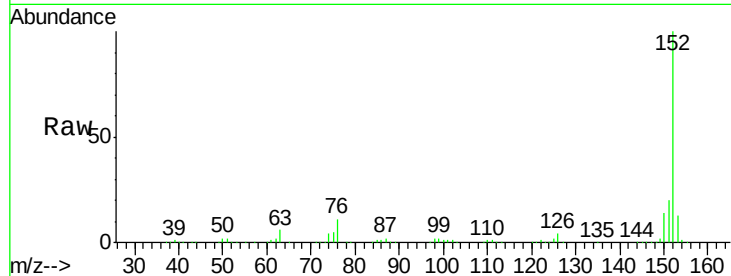
Tot Ion:152 Resp: 682115

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

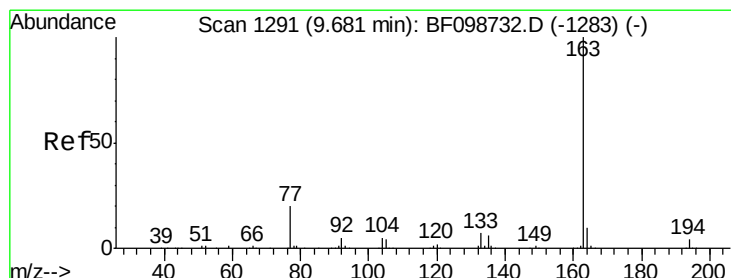
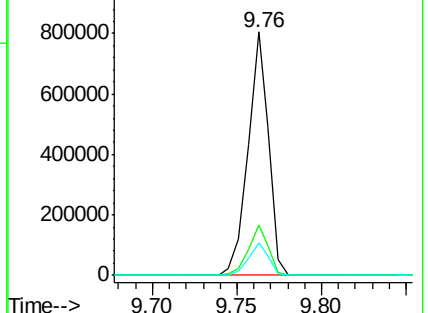
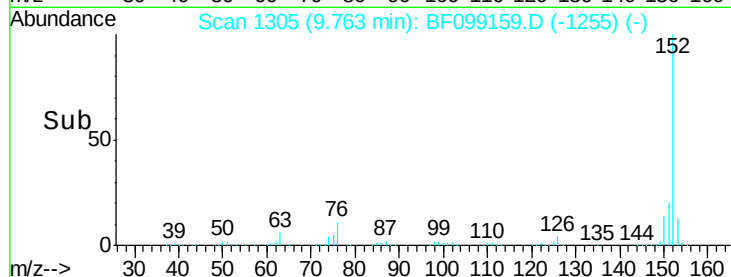
153 13.2 10.7 16.1



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: 33.33 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

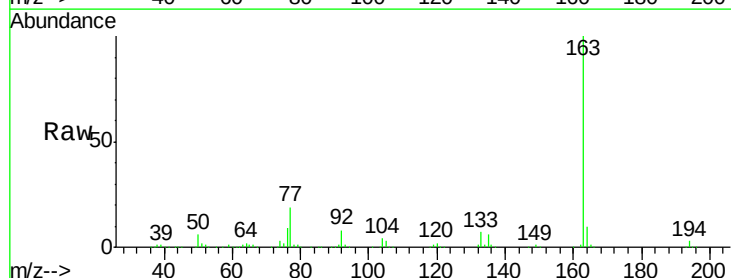
Tgt Ion:163 Resp: 664635

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

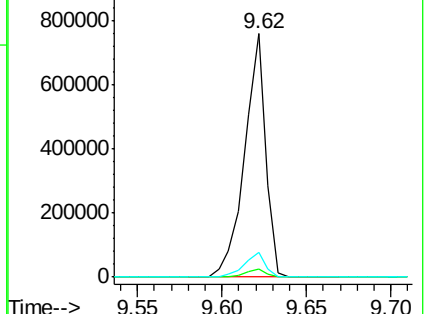
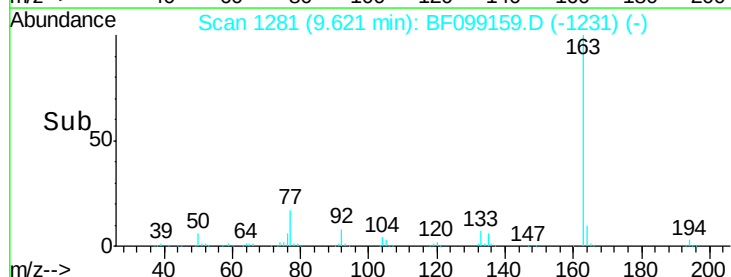
164 10.1 8.2 12.2

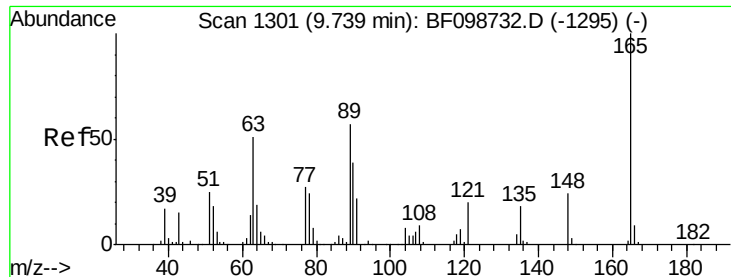


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

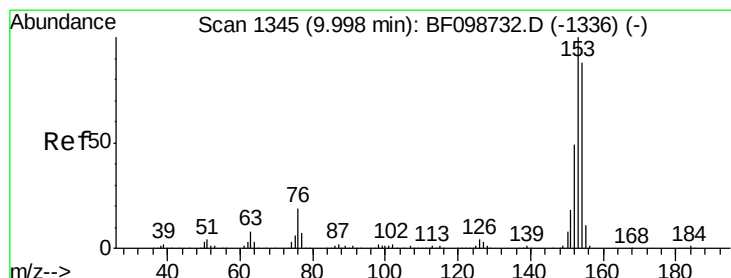
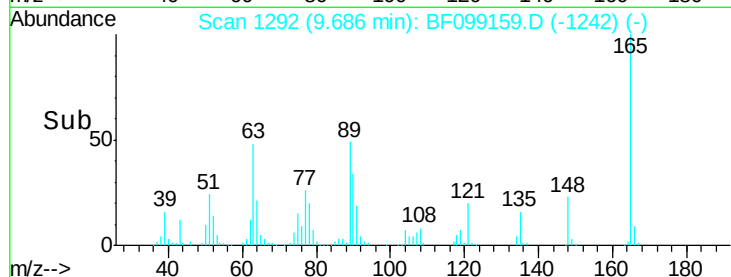
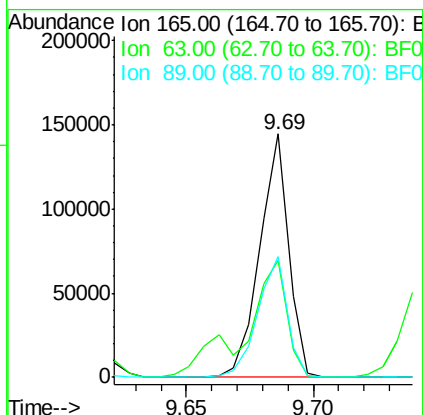
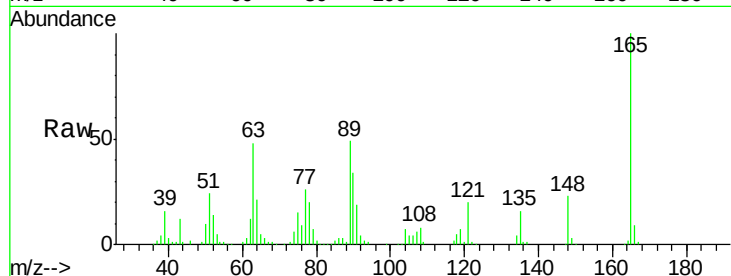




#50
2,6-Dinitrotoluene
Concen: 26.66 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

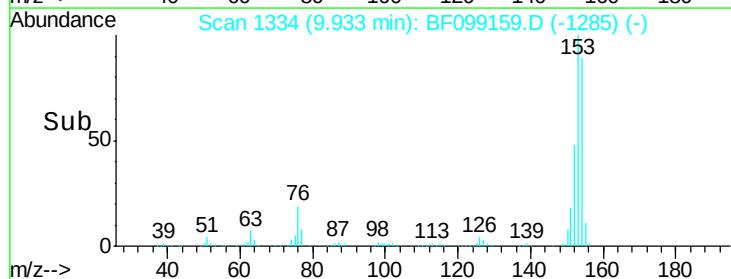
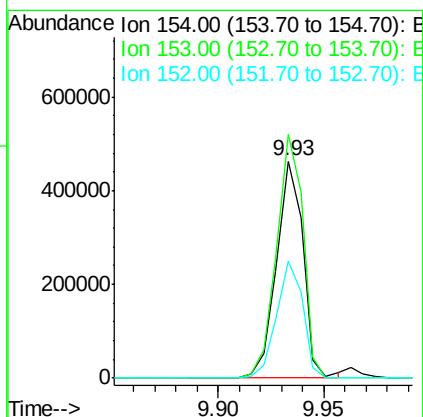
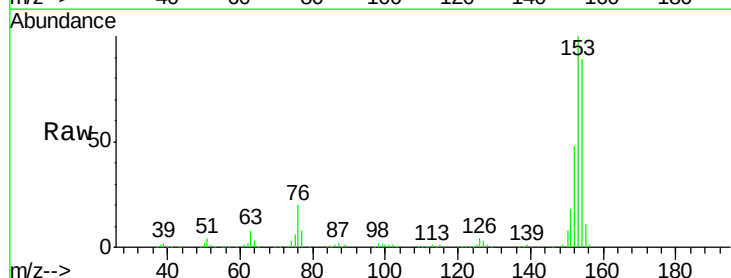
Instrument :
BNA_F
ClientSampleId :

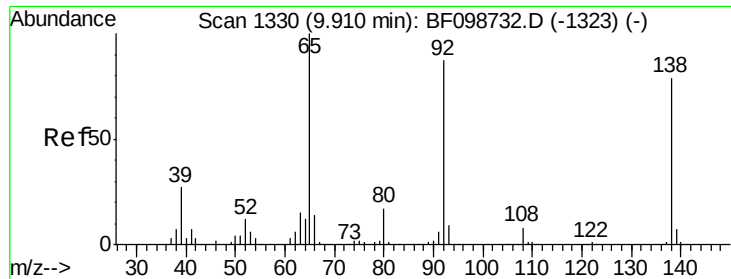
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	44.7	67.1
89	49.4	44.0	66.0



#51
Acenaphthene
Concen: 24.63 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	53.7	43.8	65.8

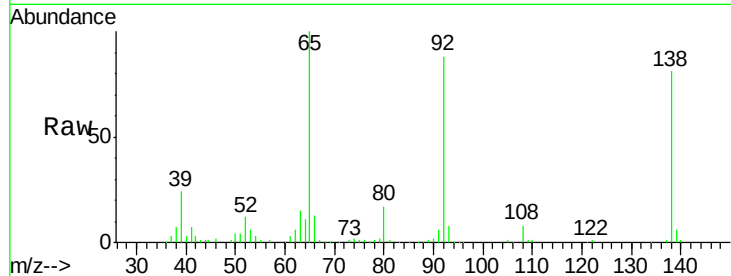




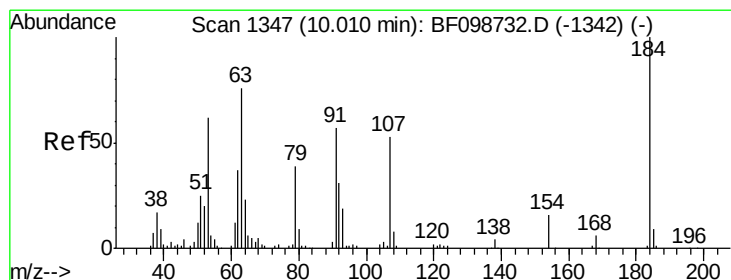
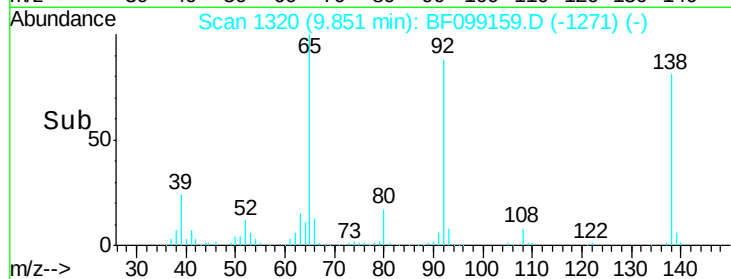
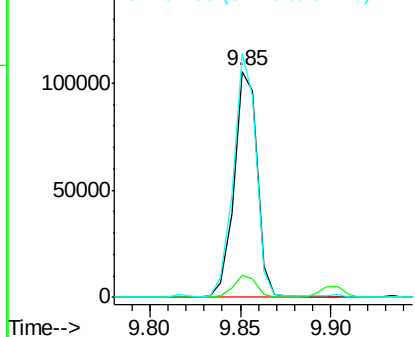
#52
 3-Nitroaniline
 Concen: 18.60 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 94154
 Ion Ratio Lower Upper
 138 100
 108 10.0 9.4 14.0
 92 107.8 89.4 134.2

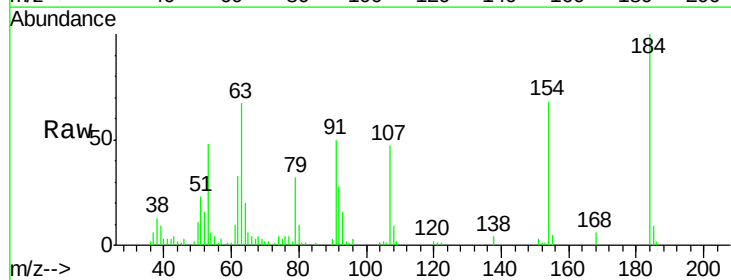


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

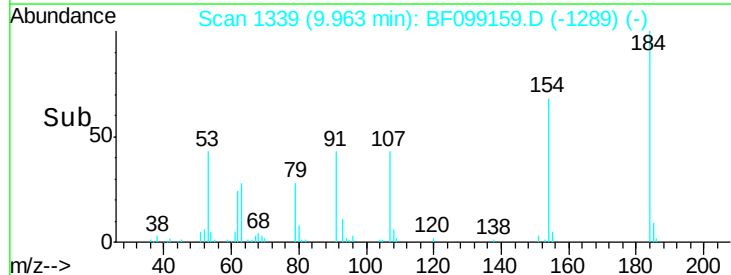
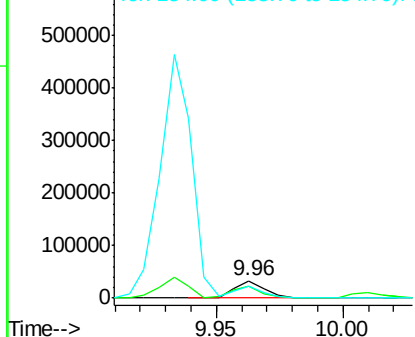


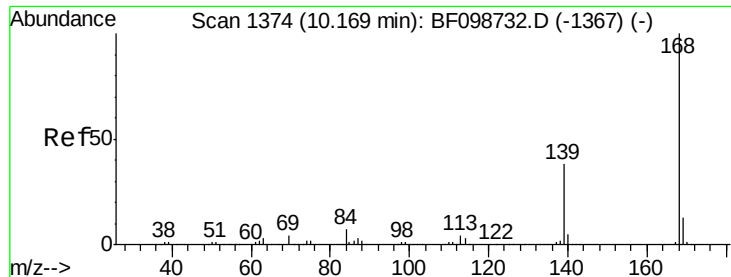
#53
 2,4-Dinitrophenol
 Concen: 17.59 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:184 Resp: 28665
 Ion Ratio Lower Upper
 184 100
 63 66.7 54.2 81.2
 154 67.7 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

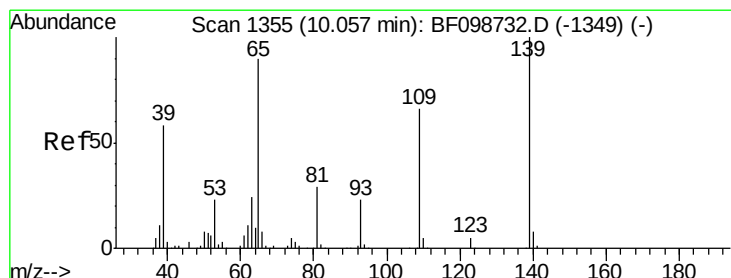
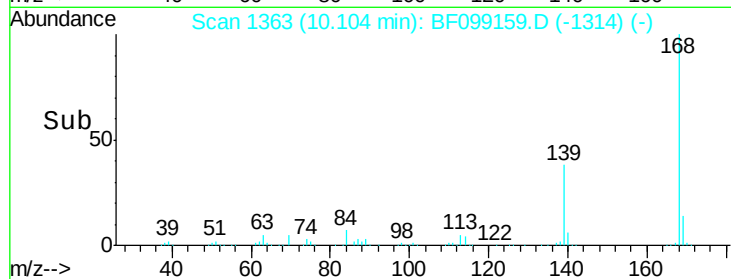
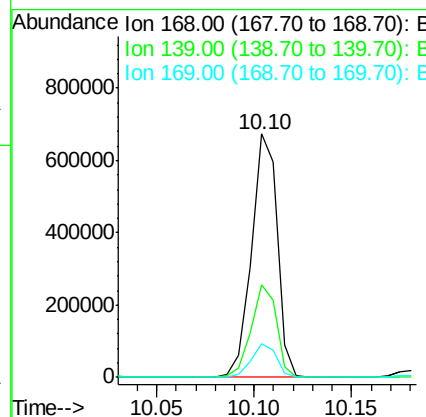
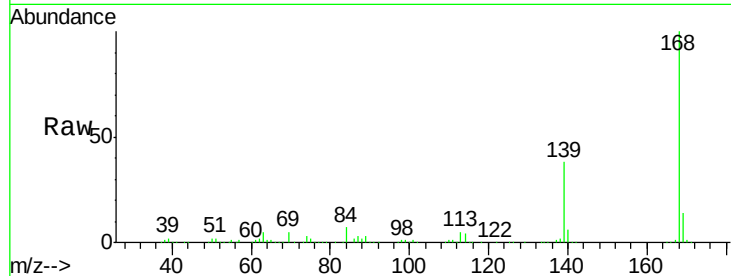




#54
Dibenzofuran
Concen: 27.79 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

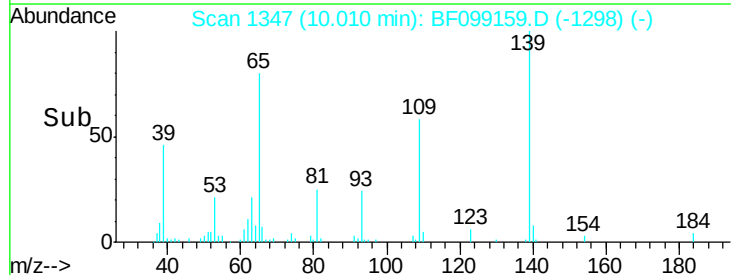
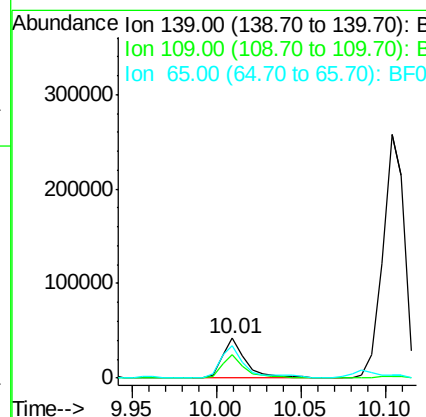
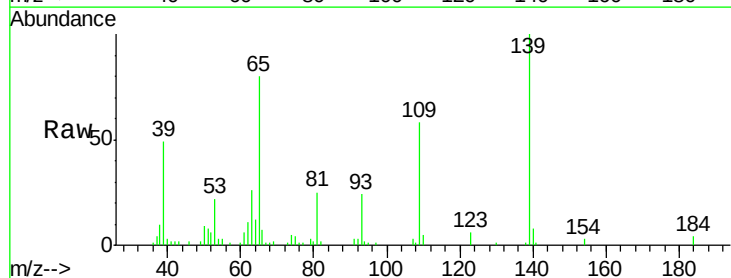
Instrument :
BNA_F
ClientSampleId :

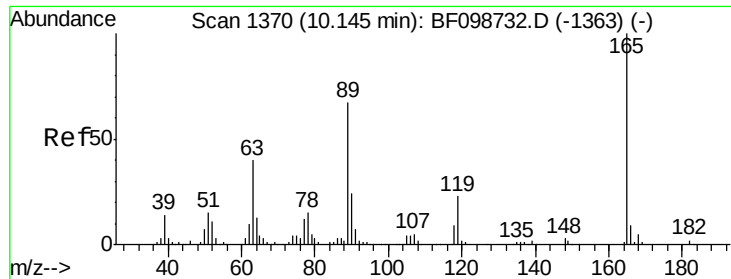
Tot Ion:168 Resp: 611829
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.8 10.9 16.3



#55
4-Nitrophenol
Concen: 9.45 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:139 Resp: 40439
Ion Ratio Lower Upper
139 100
109 58.3 48.4 88.4
65 80.5 72.6 112.6

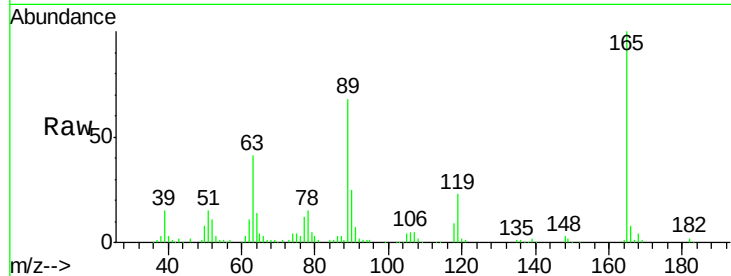




#56
2,4-Dinitrotoluene
Concen: 27.80 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	156633
Ion	Ratio	Lower Upper
165	100	
63	41.4	36.4 54.6
89	68.1	57.8 86.6
182	2.3	1.6 2.4

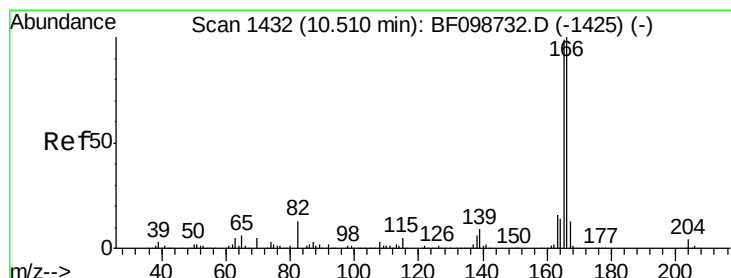
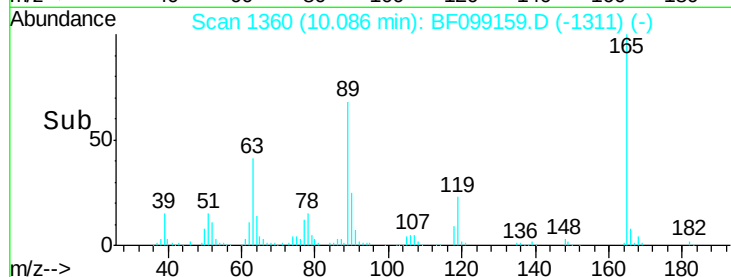
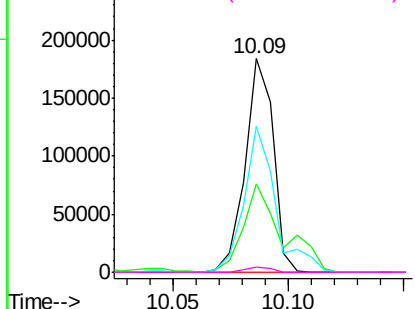


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

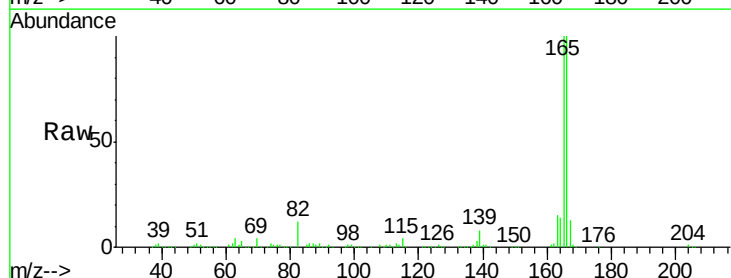
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 27.03 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

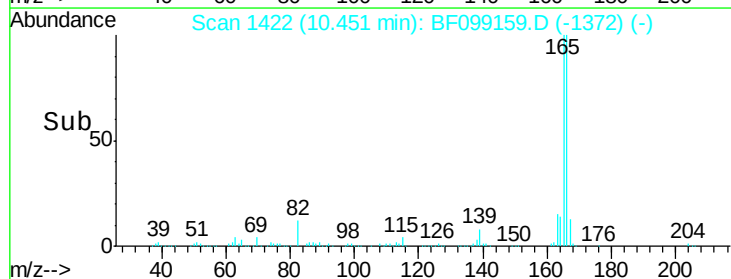
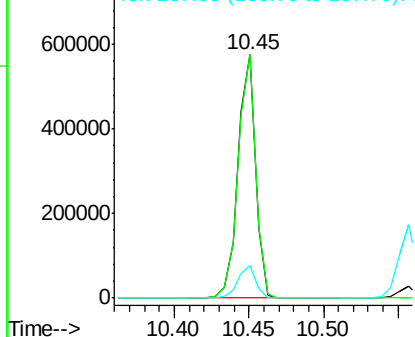
Tgt Ion:166	Resp:	478272
Ion	Ratio	Lower Upper
166	100	
165	99.9	79.8 119.8
167	13.1	10.6 16.0

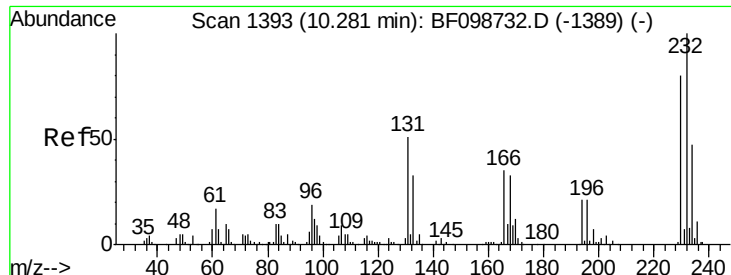


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

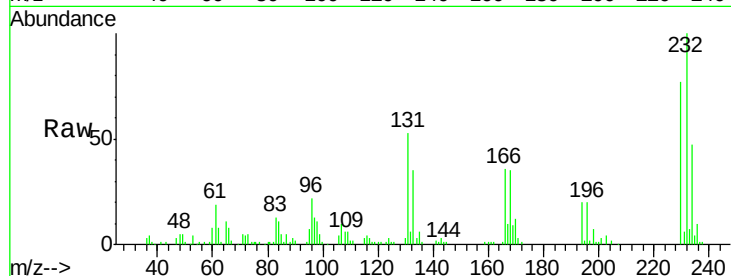




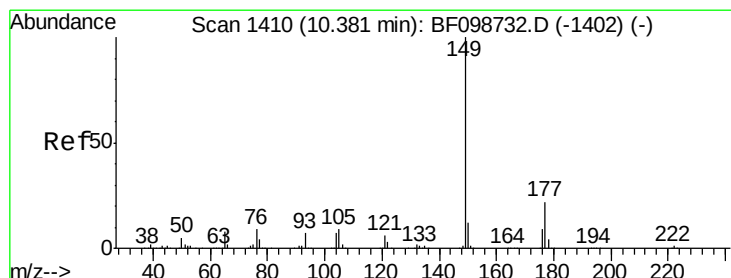
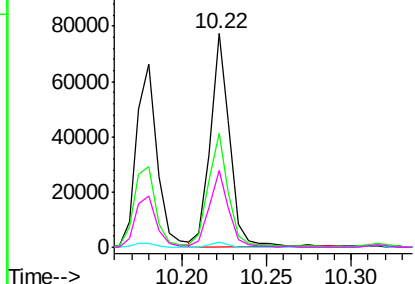
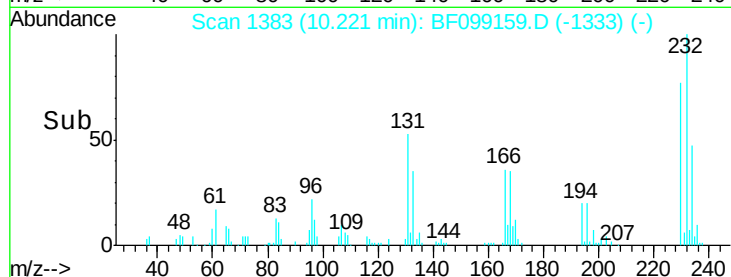
#58
2,3,4,6-Tetrachlorophenol
Concen: 16.17 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 62231
Ion Ratio Lower Upper
232 100
131 56.7 43.8 65.8
130 2.4 2.1 3.1
166 36.1 27.8 41.6

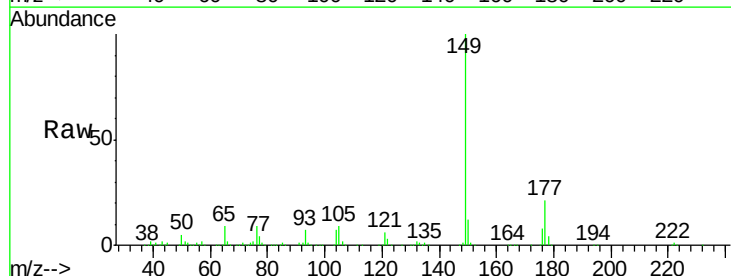


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

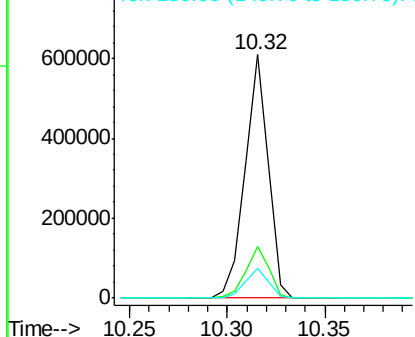
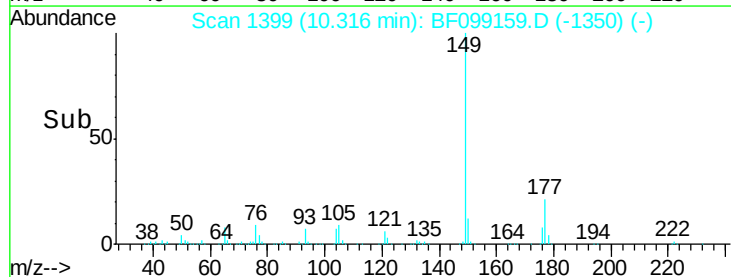


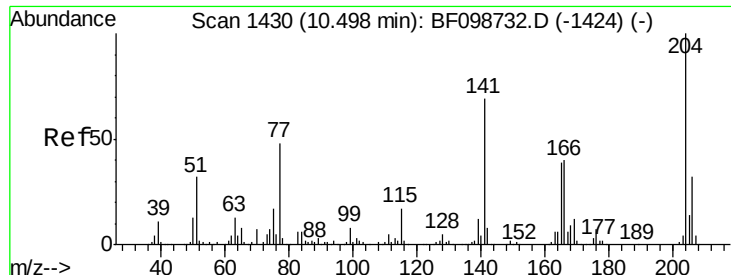
#59
Diethylphthalate
Concen: 25.72 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:149 Resp: 501262
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1



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

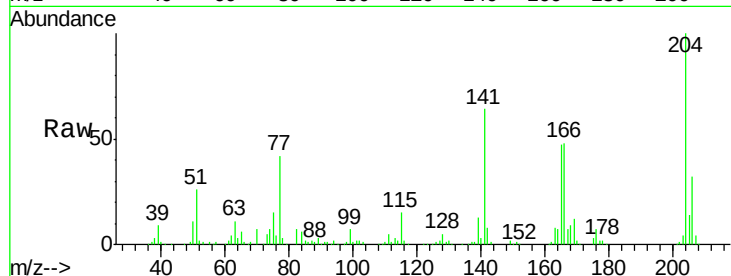




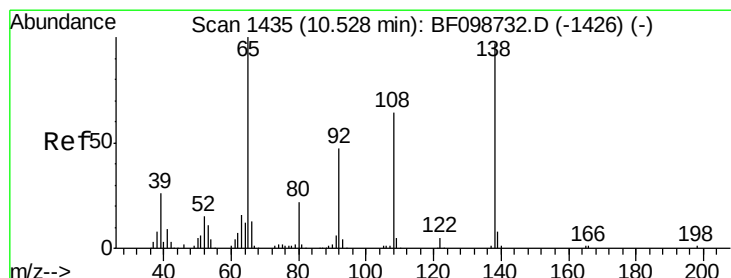
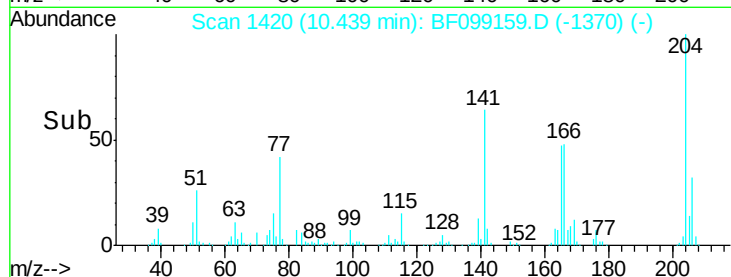
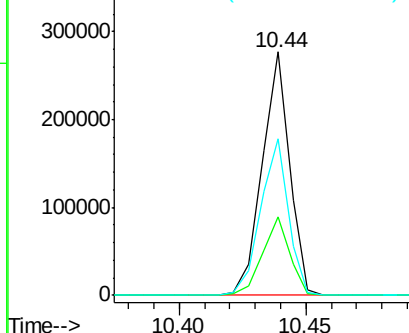
#60
4-Chlorophenyl-phenylether
Concen: 26.45 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 210236
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 64.3 54.6 81.8

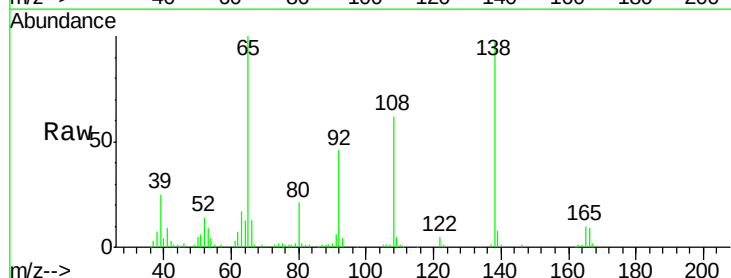


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

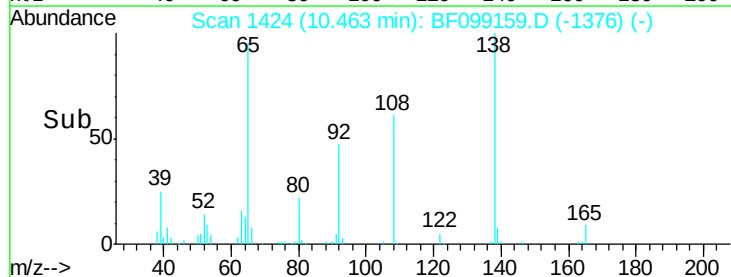
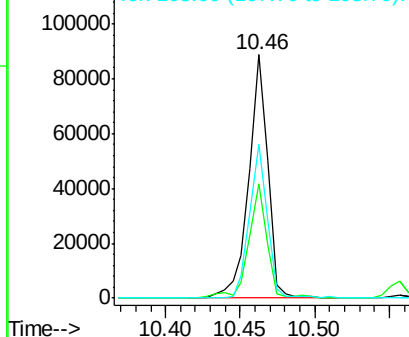


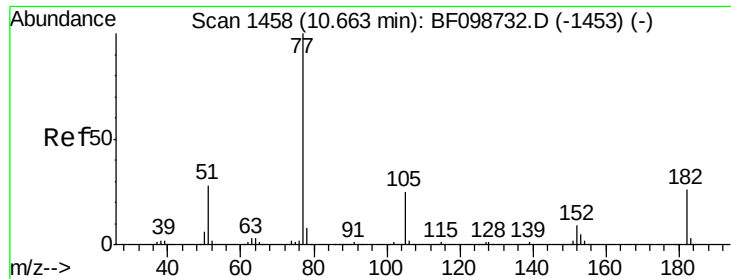
#61
4-Nitroaniline
Concen: 16.00 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:138 Resp: 78144
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 63.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 26.93 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 482589

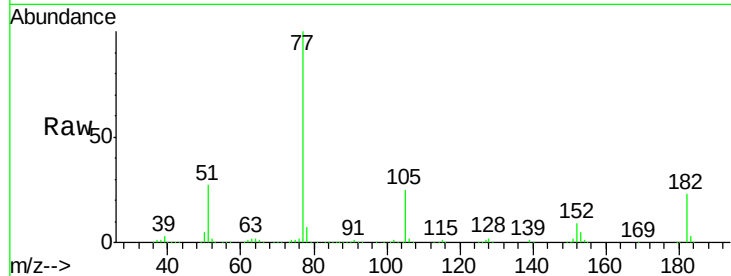
Ion Ratio Lower Upper

77 100

182 23.3 1.7 41.7

105 24.6 3.0 43.0

51 26.6 9.9 49.9

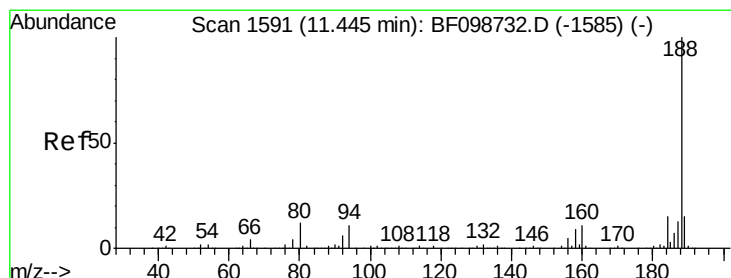
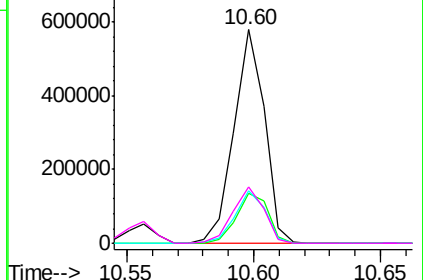
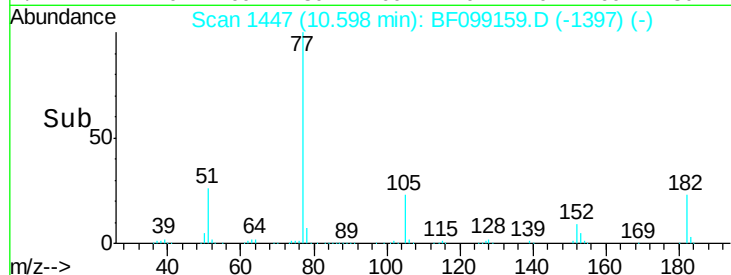


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

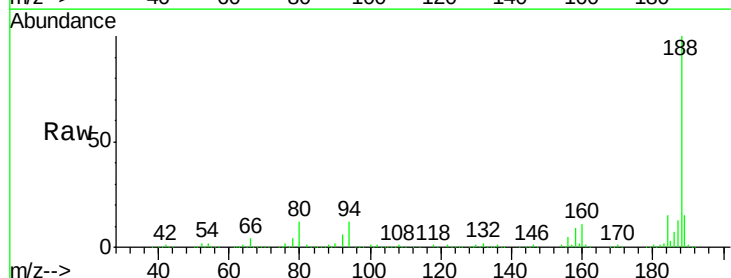
Tgt Ion: 188 Resp: 471644

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

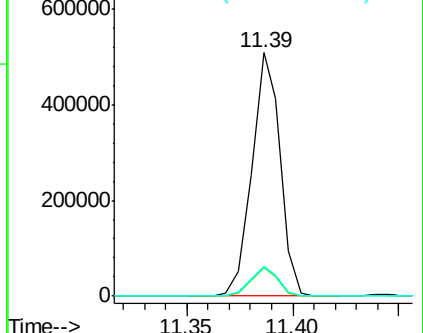
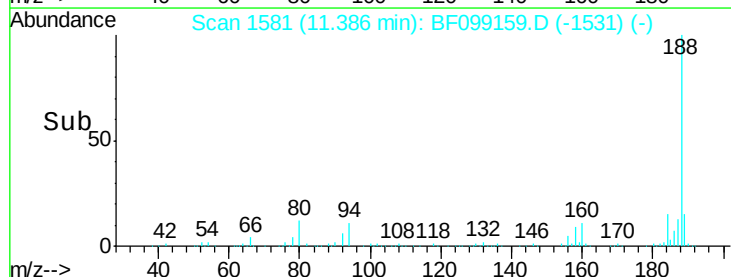
80 12.3 9.2 13.8

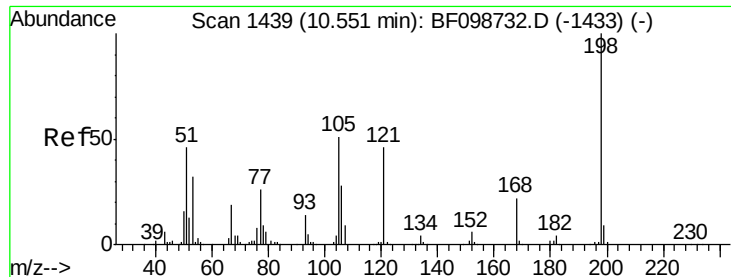


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

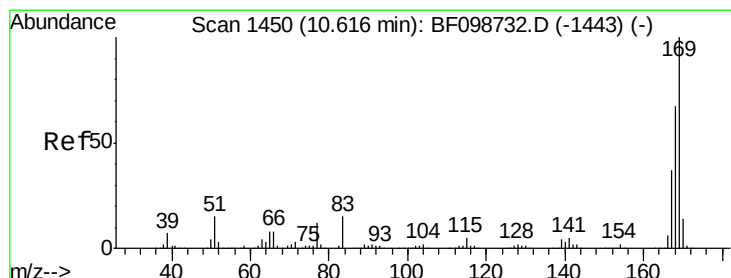
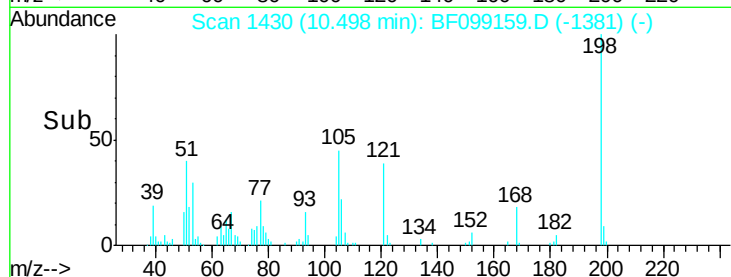
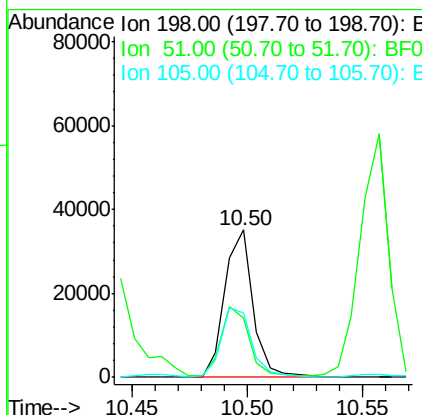
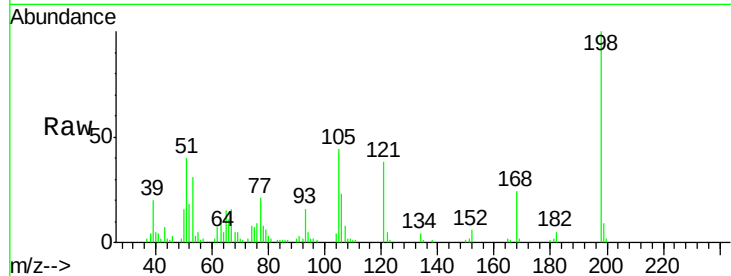




#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.43 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

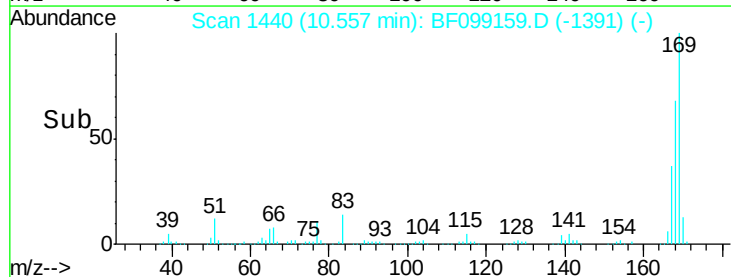
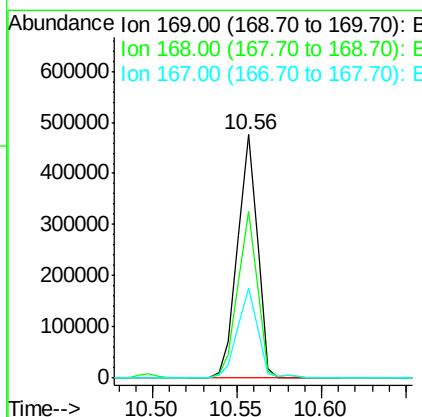
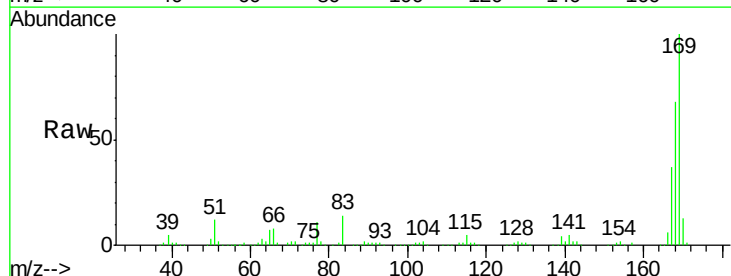
Instrument :
 BNA_F
 ClientSampleId :

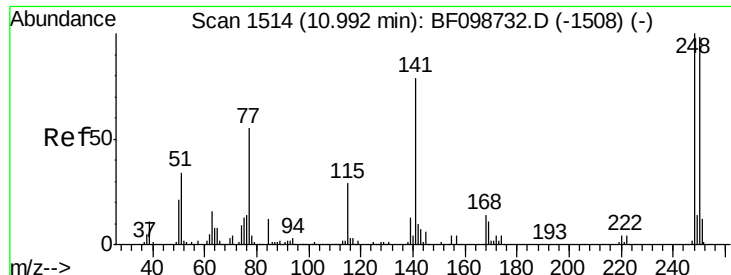
Tot Ion:198 Resp: 29925
 Ion Ratio Lower Upper
 198 100
 51 39.9 37.7 77.7
 105 44.1 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 23.91 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:169 Resp: 390659
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 36.8 29.8 44.6

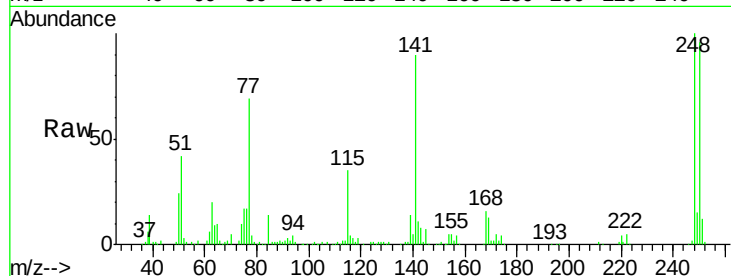




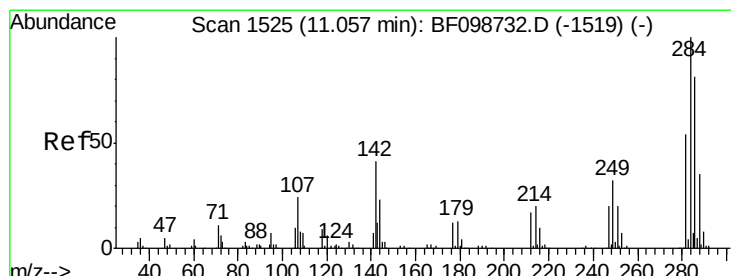
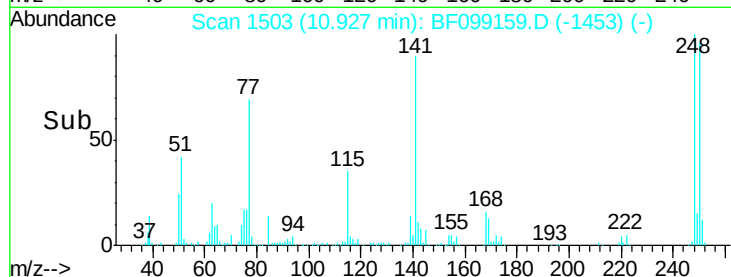
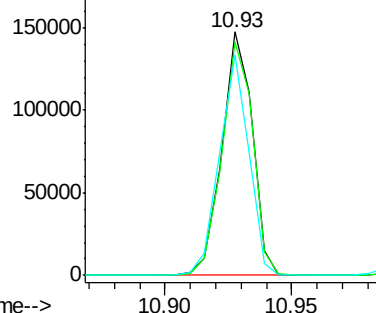
#66
4-Bromophenyl-phenylether
Concen: 26.72 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 123340
Ion Ratio Lower Upper
248 100
250 95.9 76.9 115.3
141 90.5 74.4 111.6

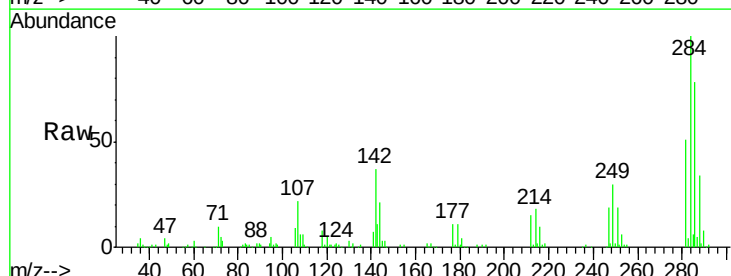


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

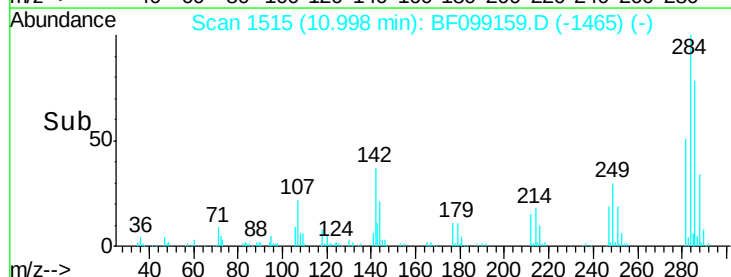
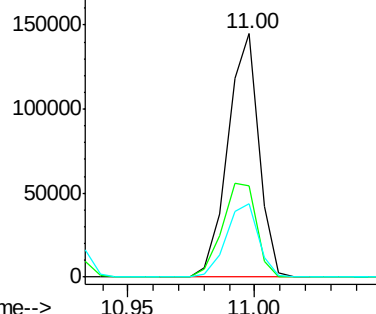


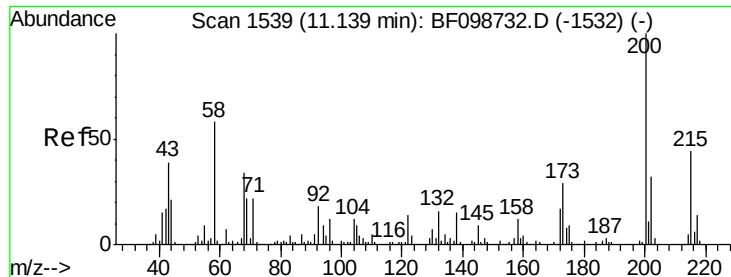
#67
Hexachlorobenzene
Concen: 25.13 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:284 Resp: 123916
Ion Ratio Lower Upper
284 100
142 37.3 34.6 52.0
249 30.1 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

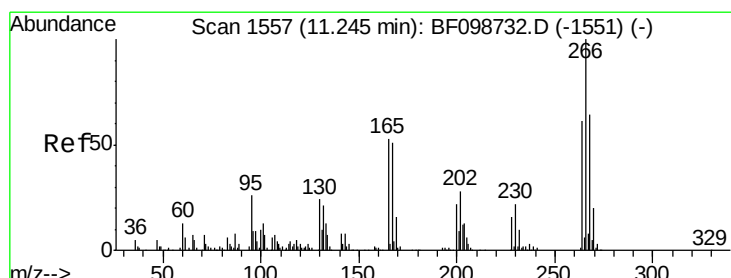
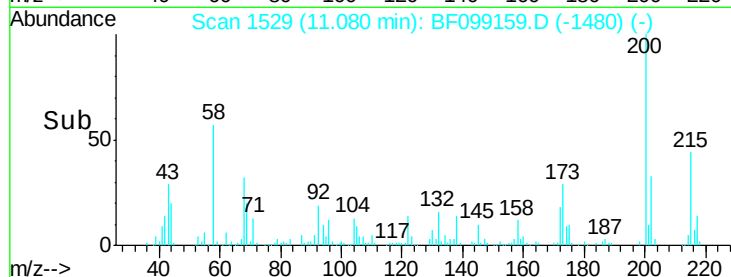
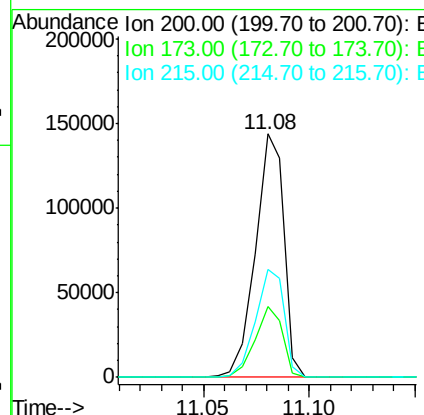
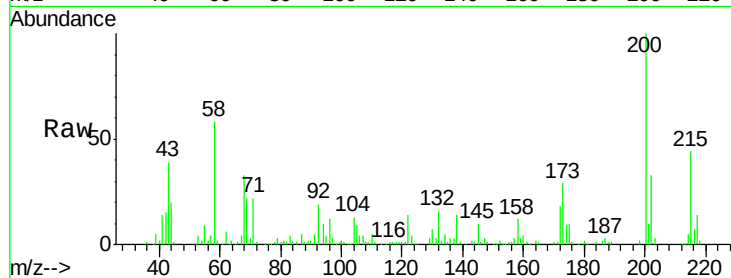




#68
Atrazine
Concen: 27.49 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

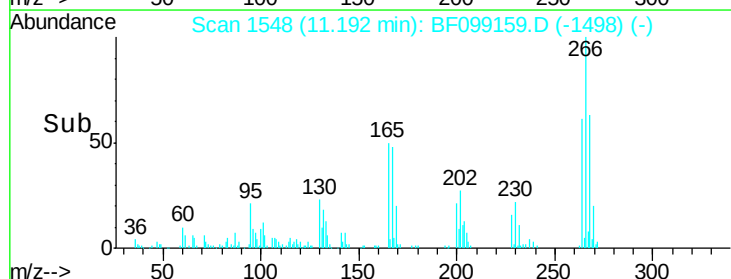
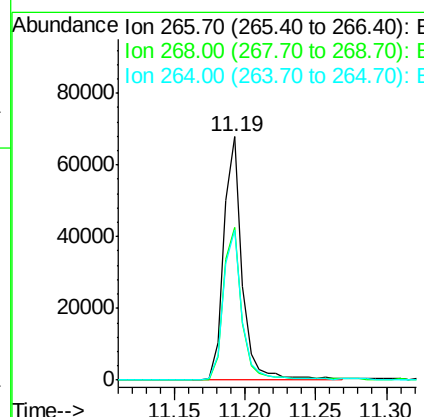
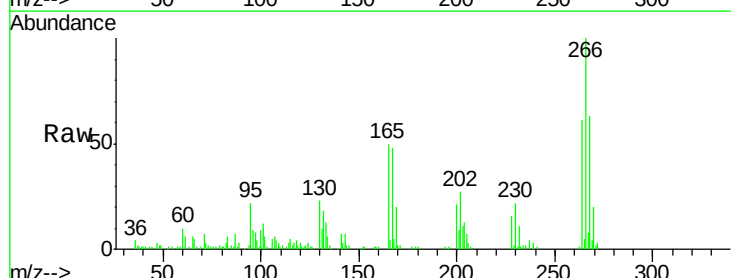
Instrument :
BNA_F
ClientSampleId :

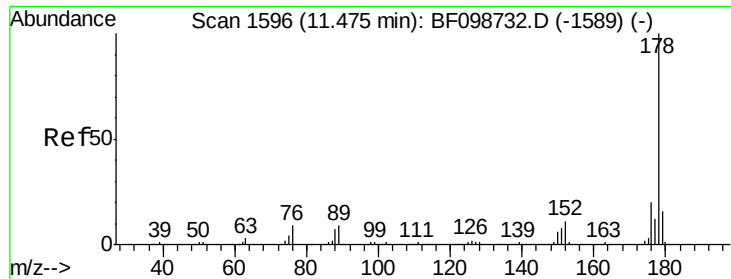
Tot Ion:200 Resp: 135118
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 44.2 25.1 65.1



#69
Pentachlorophenol
Concen: 20.08 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:266 Resp: 61633
Ion Ratio Lower Upper
266 100
268 62.8 51.1 76.7
264 61.5 49.5 74.3

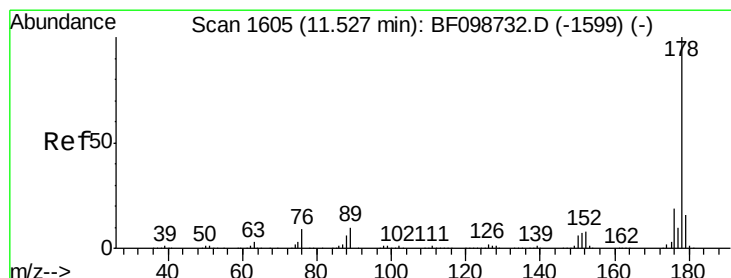
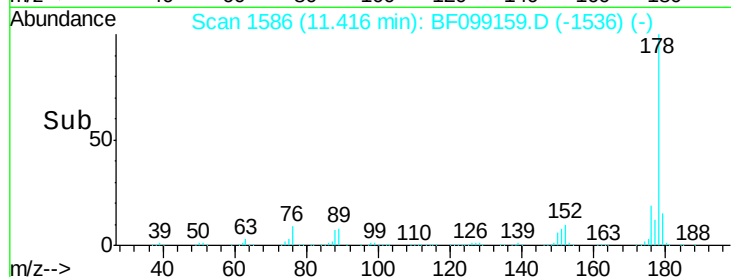
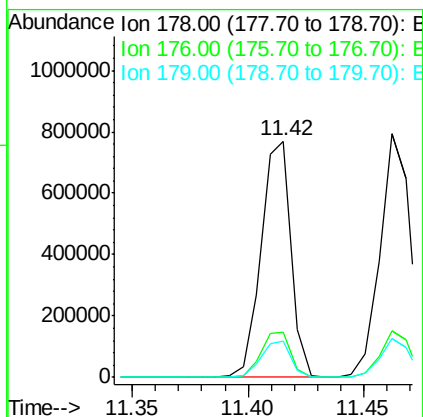
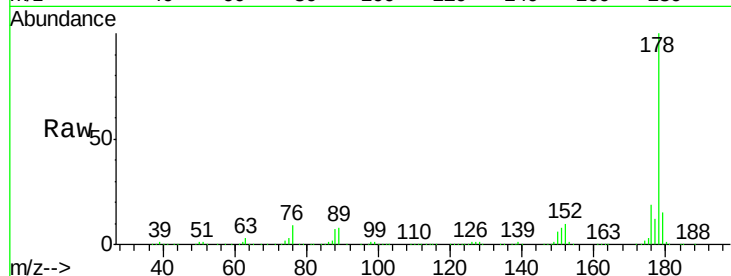




#70
 Phenanthrene
 Concen: 27.52 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

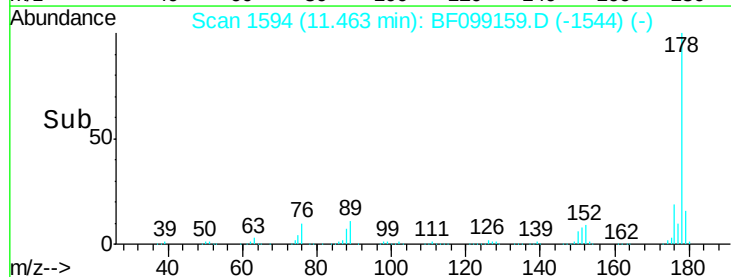
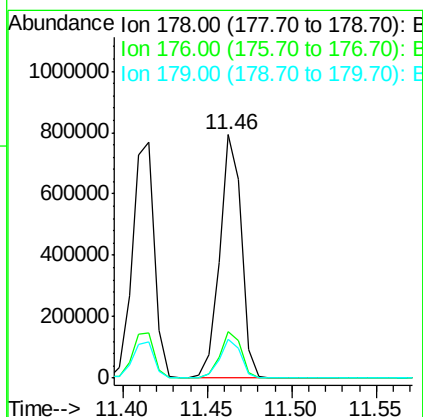
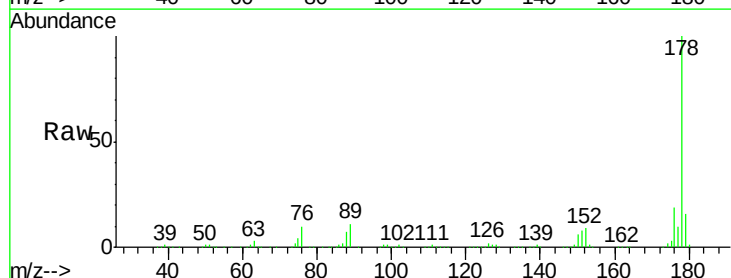
Instrument :
 BNA_F
 ClientSampled :

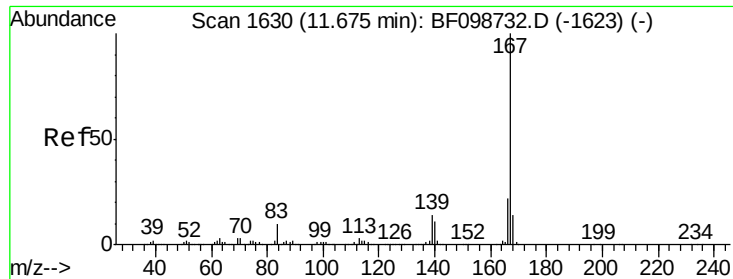
Tot Ion:178 Resp: 694655
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.2 13.0 19.6



#71
 Anthracene
 Concen: 27.36 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:178 Resp: 706855
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

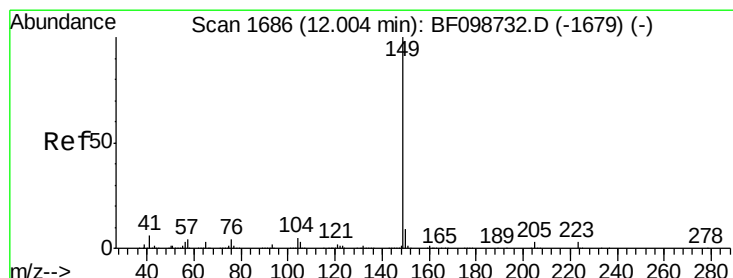
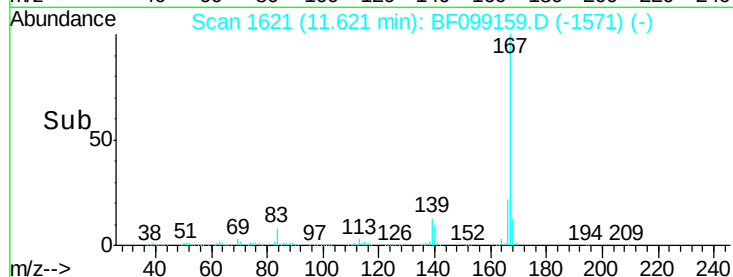
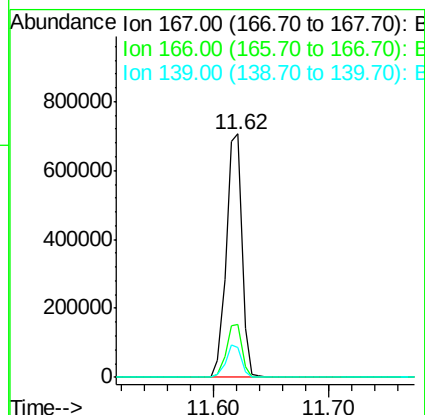
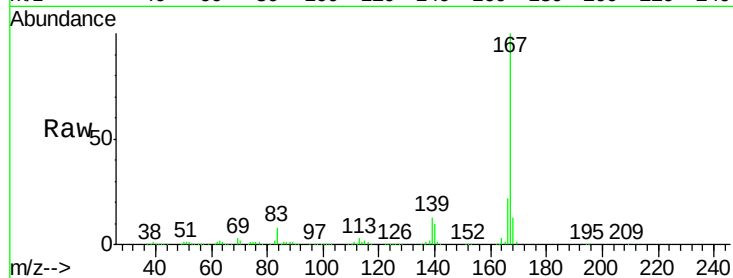




#72
 Carbazole
 Concen: 26.46 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

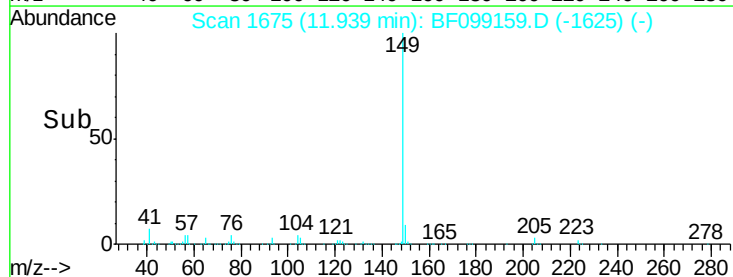
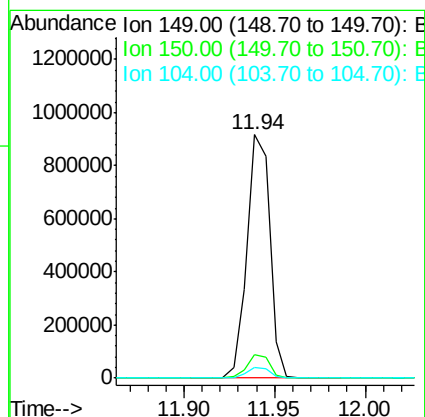
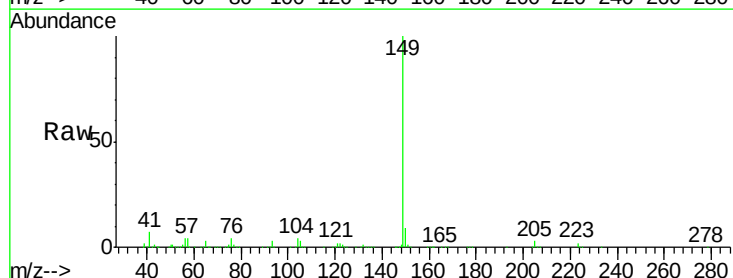
Instrument :
 BNA_F
 ClientSampleId :

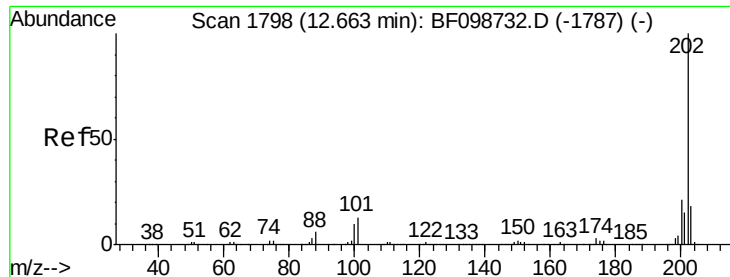
Tot Ion:167 Resp: 669286
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.5 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 26.41 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:149 Resp: 804189
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.5 3.8 5.8

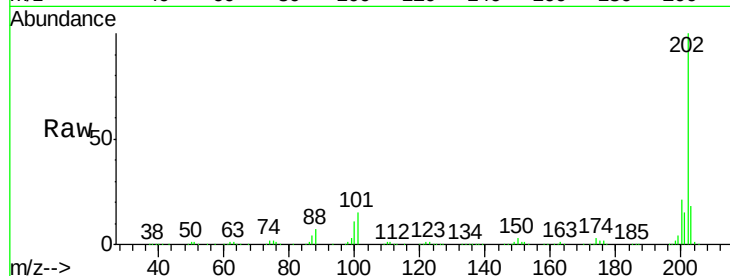




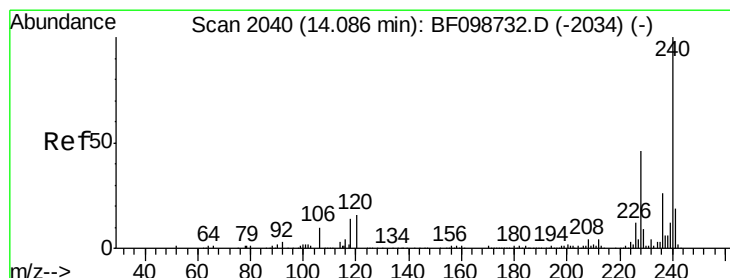
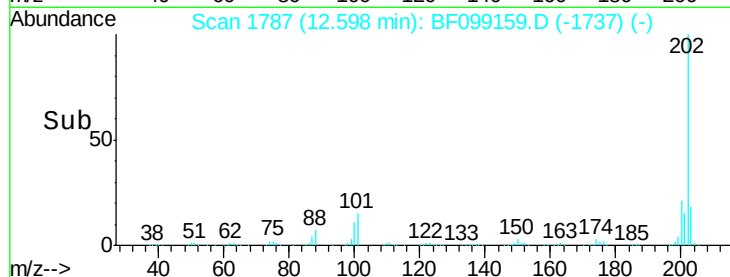
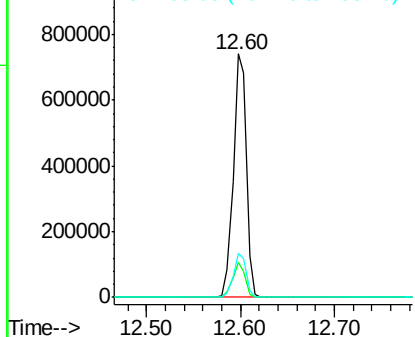
#74
Fluoranthene
Concen: 27.76 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.0	0.0	38.1

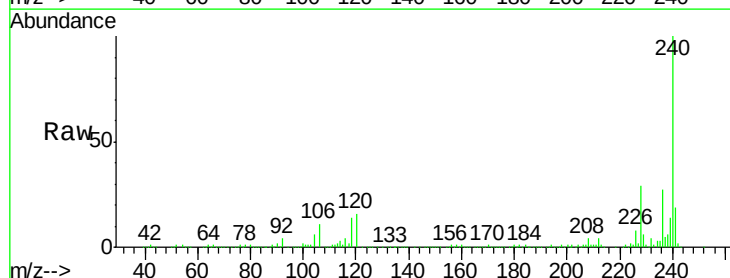


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

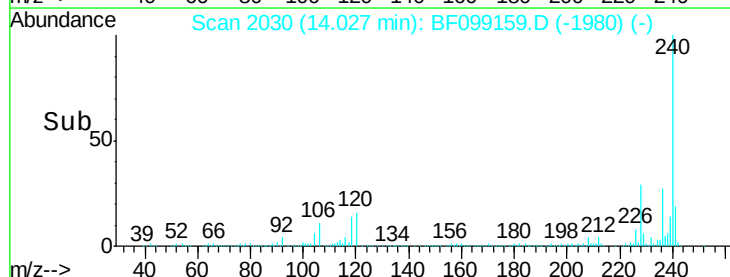
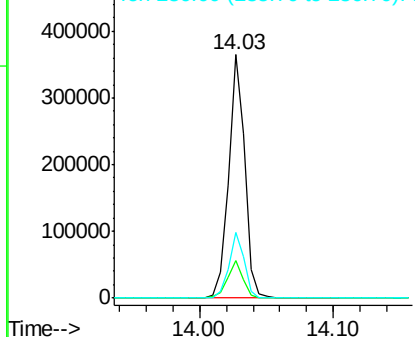


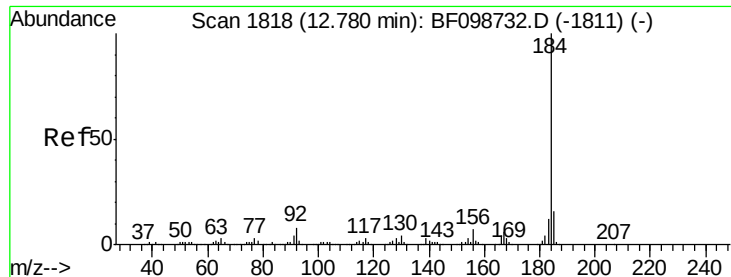
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.8	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.30 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

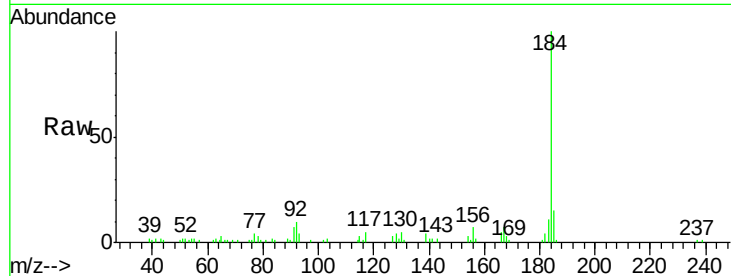
Tot Ion:184 Resp: 37962

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

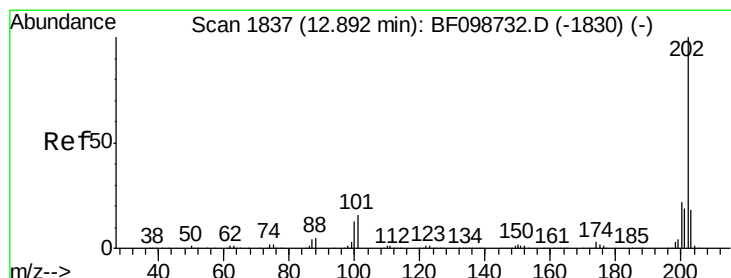
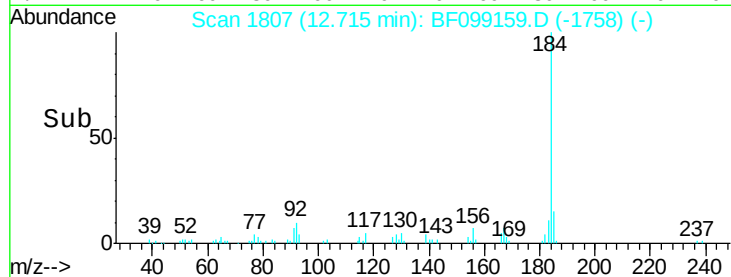
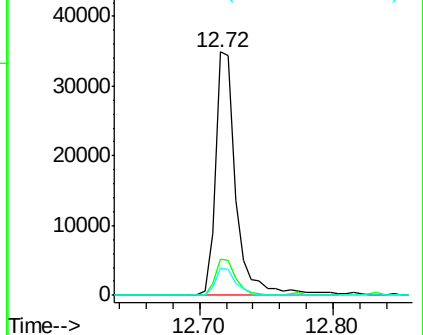
183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 30.05 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

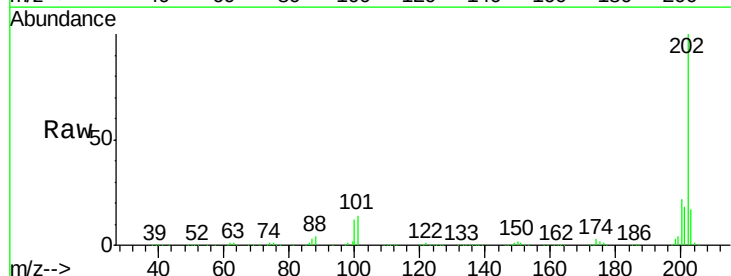
Tgt Ion:202 Resp: 712442

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

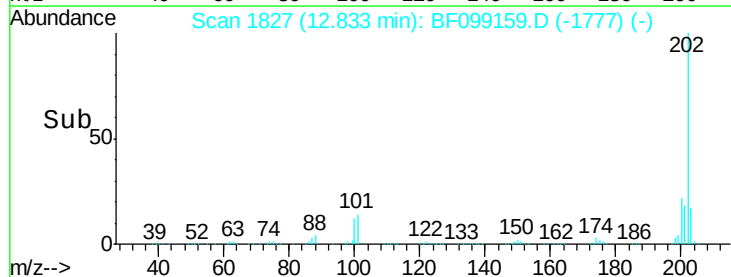
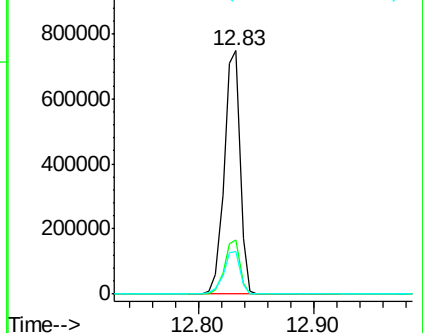
203 17.4 14.3 21.5

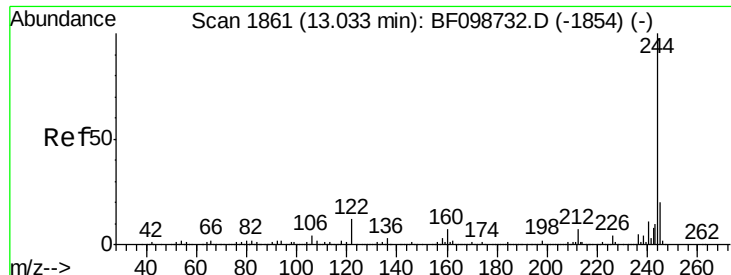


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

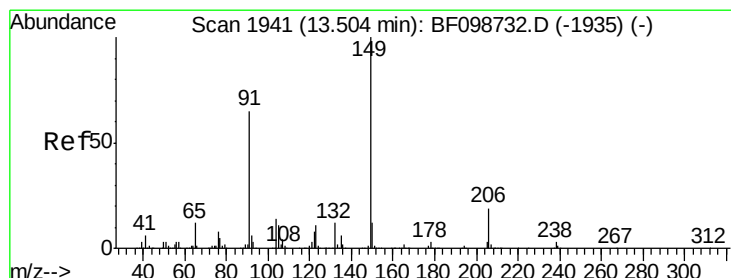
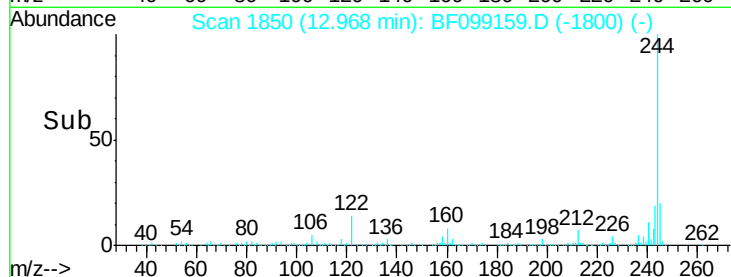
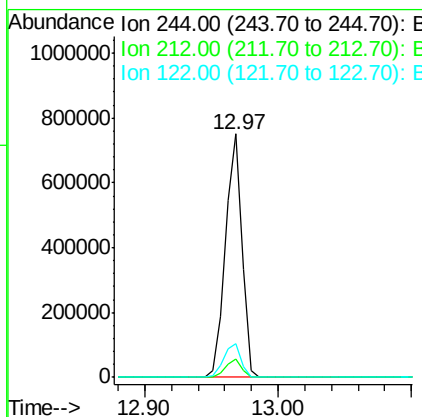
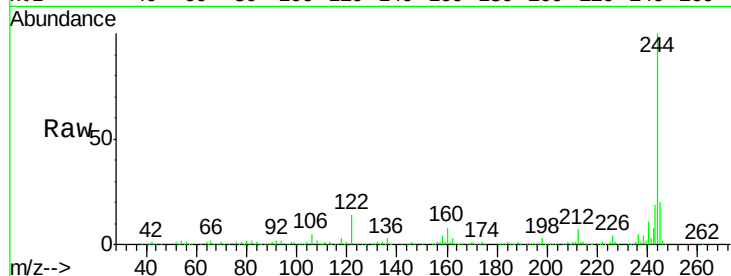




#78
 Terphenyl-d14
 Concen: 48.20 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

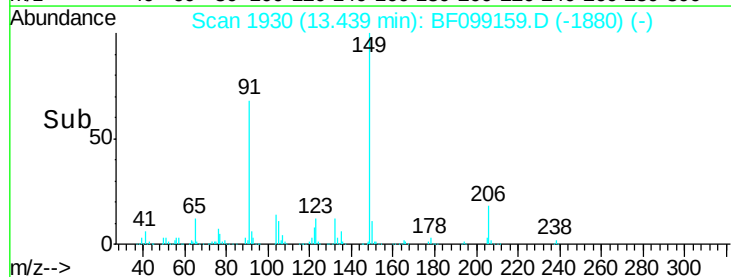
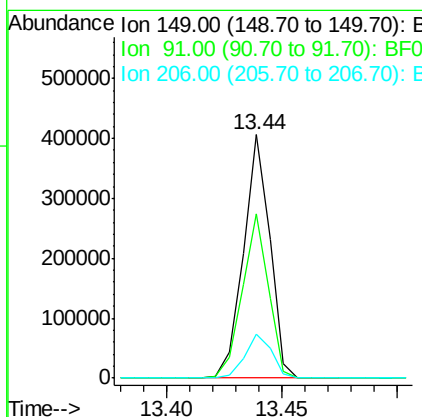
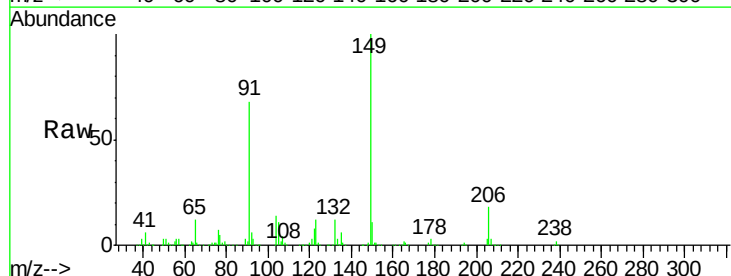
Instrument :
 BNA_F
 ClientSampleId :

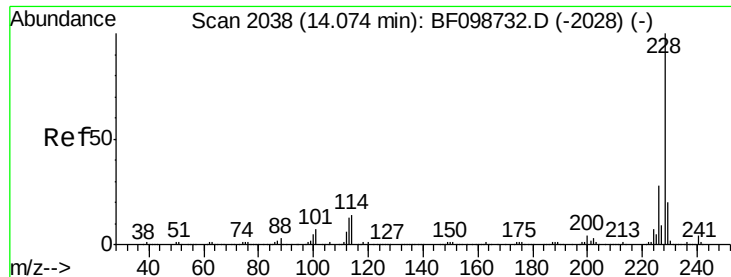
Tot Ion:244 Resp: 659100
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 29.13 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF099159.D
 Acq: 6 Oct 2017 20:43

Tgt Ion:149 Resp: 324604
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.8 85.2
 206 17.8 14.1 21.1

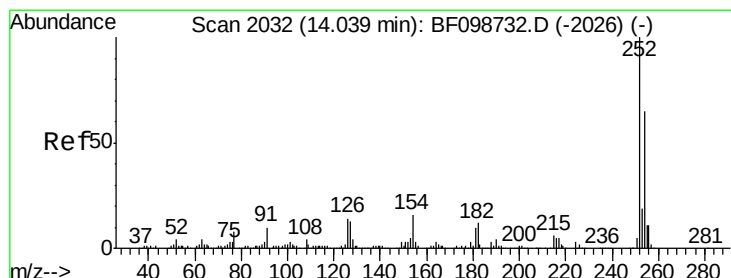
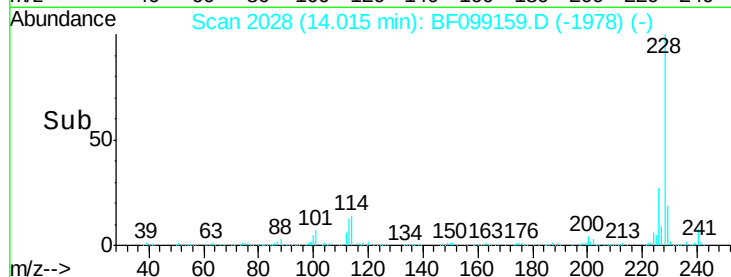
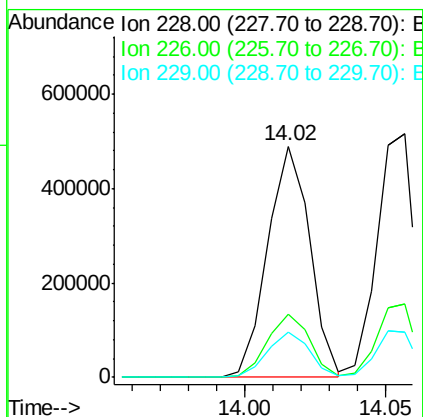
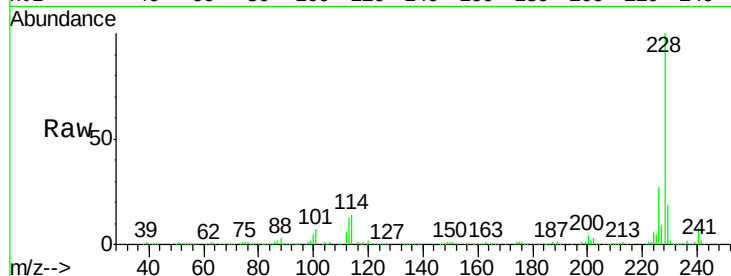




#80
Benzo(a)anthracene
Concen: 27.01 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

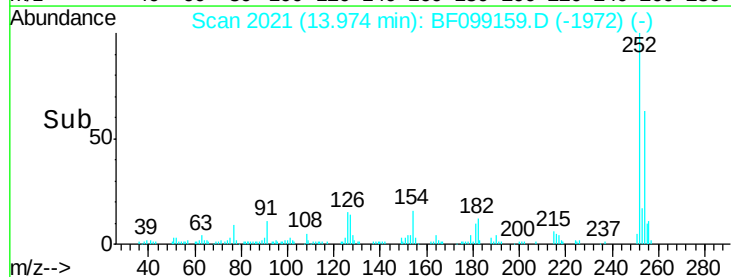
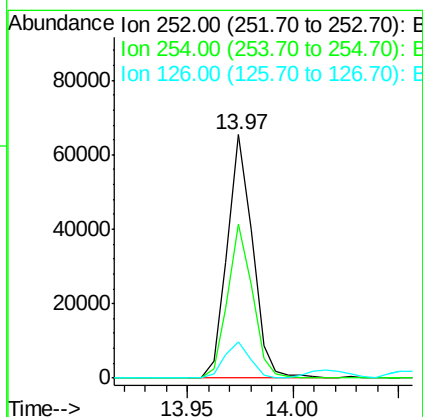
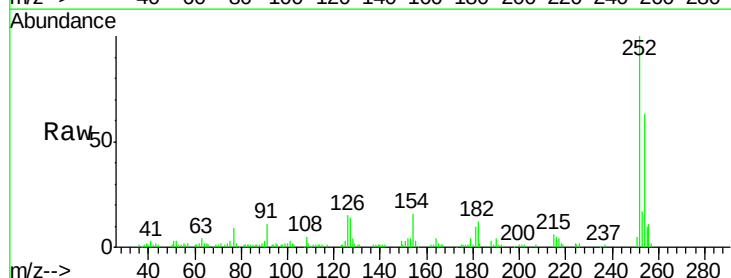
Instrument :
BNA_F
ClientSampleId :

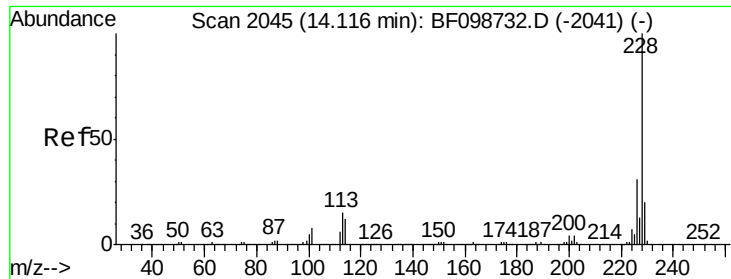
Tot Ion:228 Resp: 508652
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 7.84 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:252 Resp: 54097
Ion Ratio Lower Upper
252 100
254 63.4 50.4 75.6
126 14.8 11.3 16.9





#82

Chrysene

Concen: 27.14 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

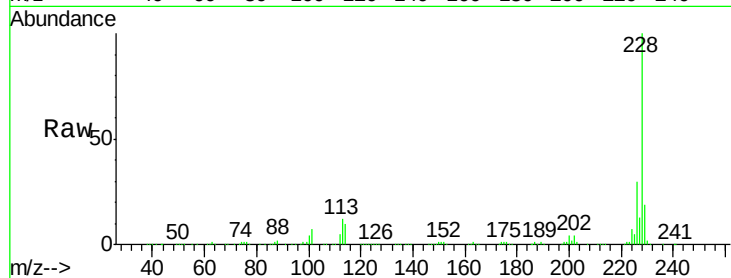
Tot Ion:228 Resp: 486549

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

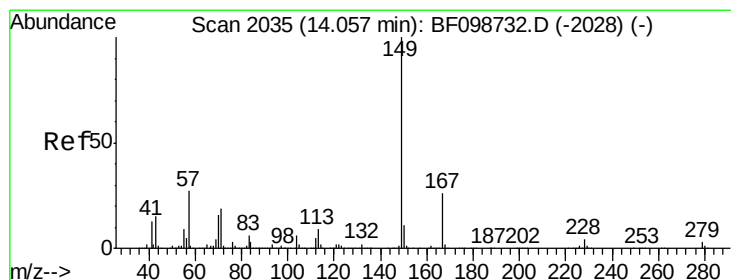
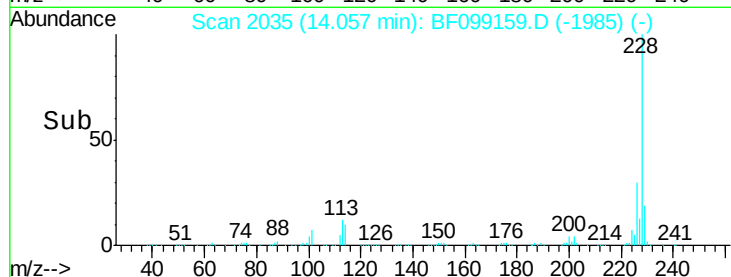
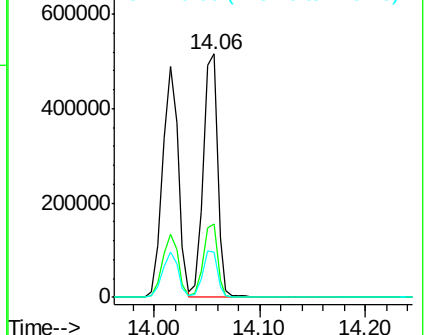
229 18.8 16.2 24.4



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: 28.44 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

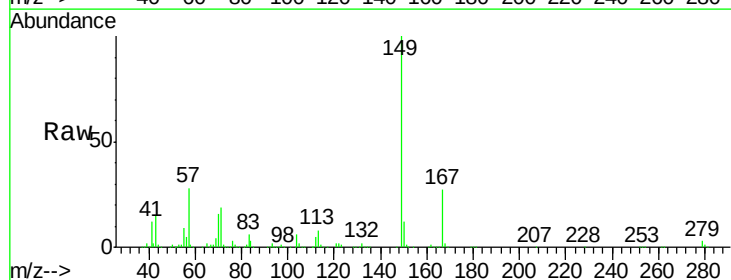
Tgt Ion:149 Resp: 436337

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

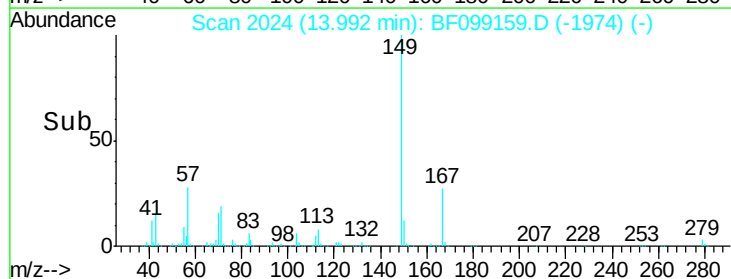
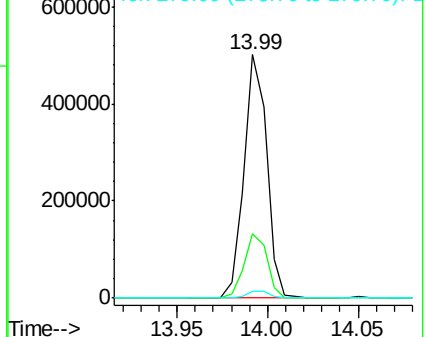
279 2.7 3.0 4.4#

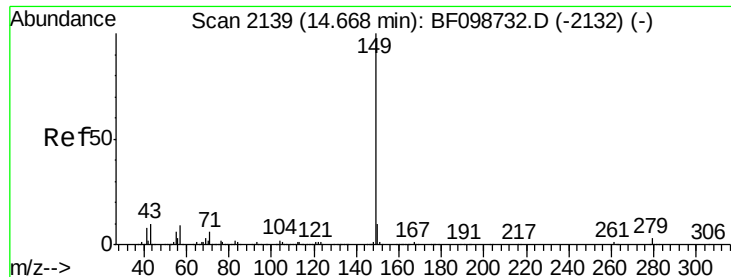


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

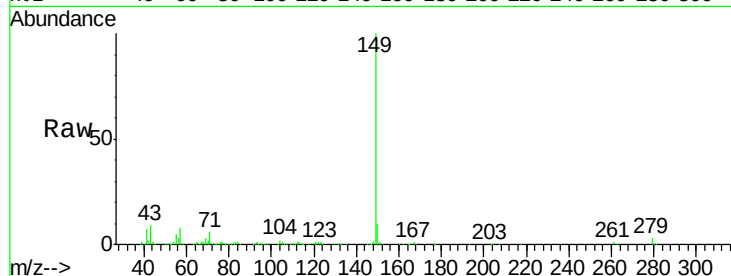




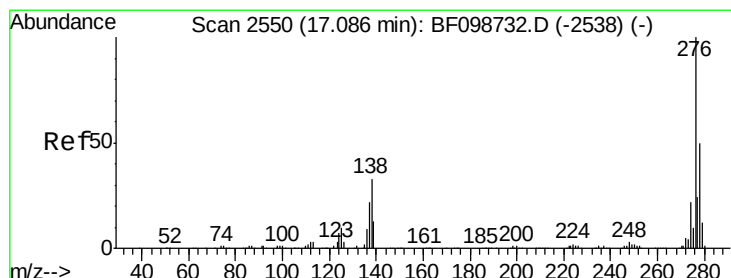
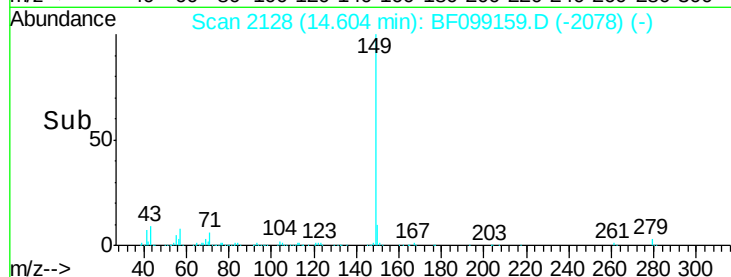
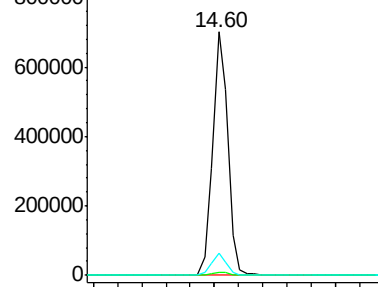
#84
Di-n-octyl phthalate
Concen: 24.98 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 617157
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 8.4 12.6

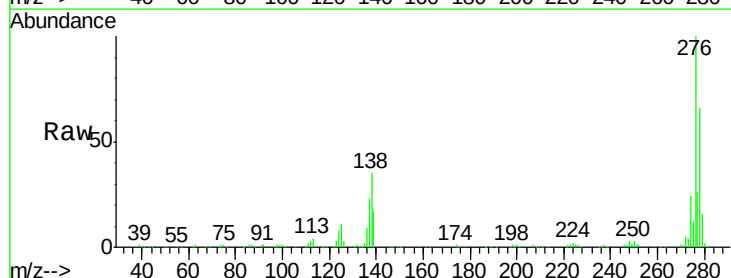


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

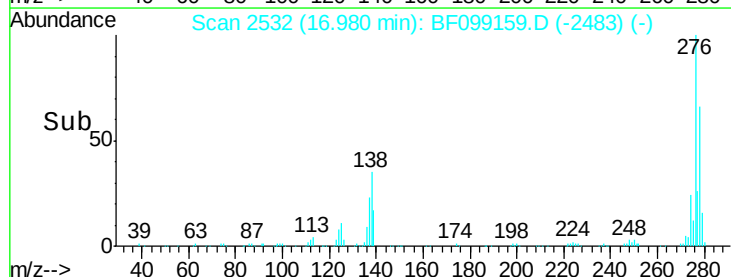
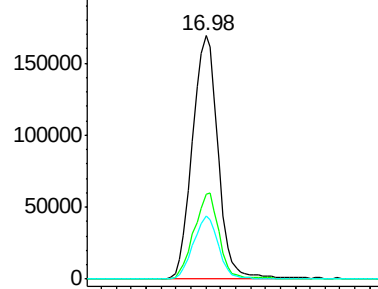


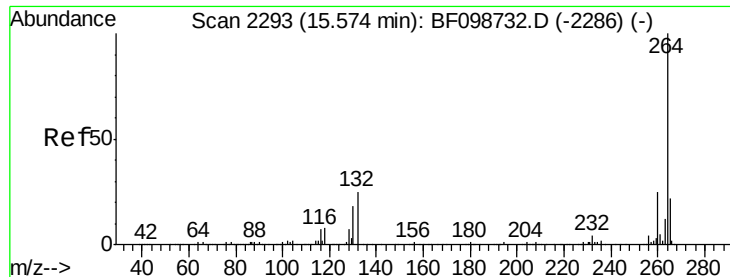
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.37 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:276 Resp: 406856
Ion Ratio Lower Upper
276 100
138 34.9 25.0 37.6
277 25.4 20.1 30.1



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

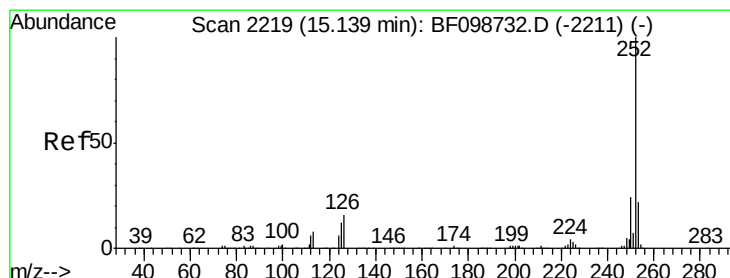
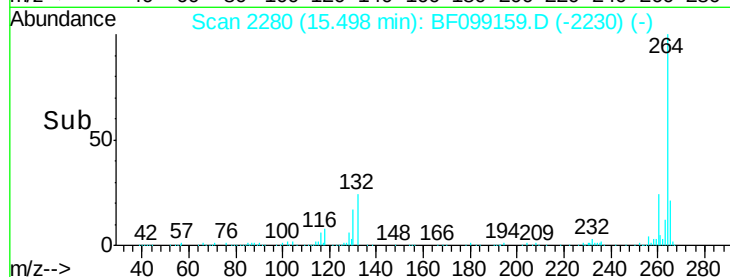
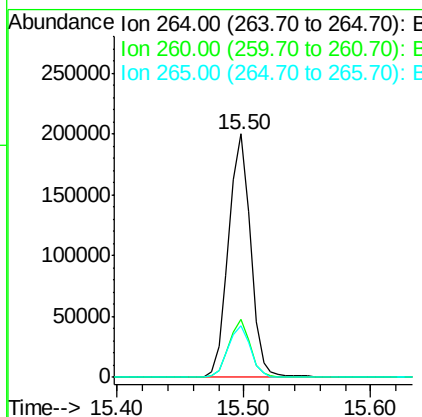
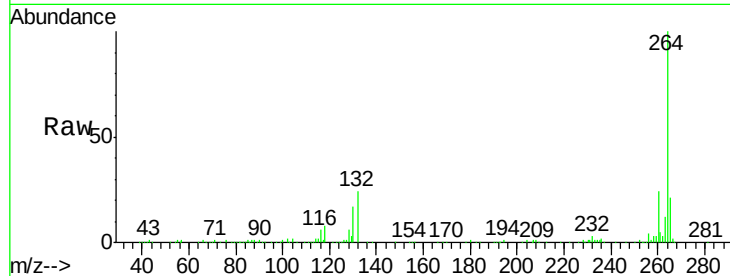




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

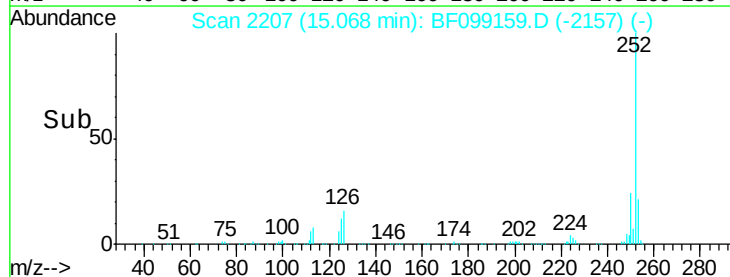
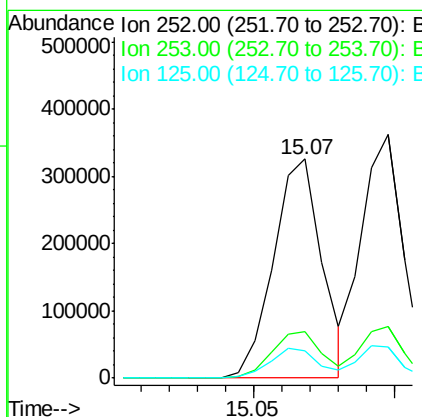
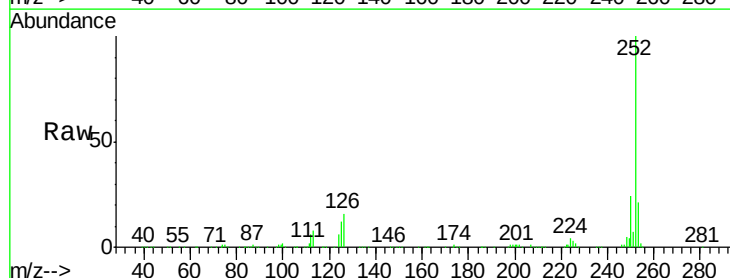
Instrument :
BNA_F
ClientSampled :

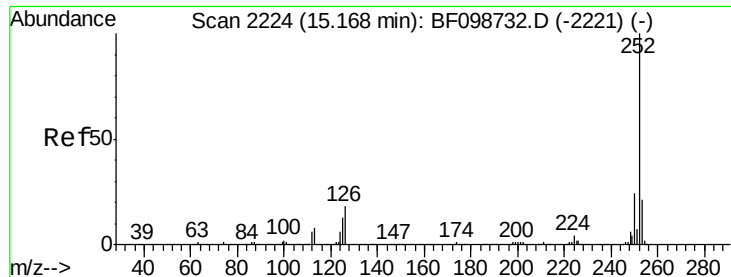
Tot Ion:264 Resp: 241530
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 26.24 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:252 Resp: 389710
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.2 9.0 13.6

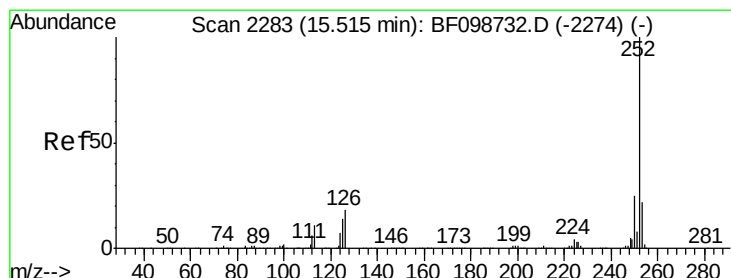
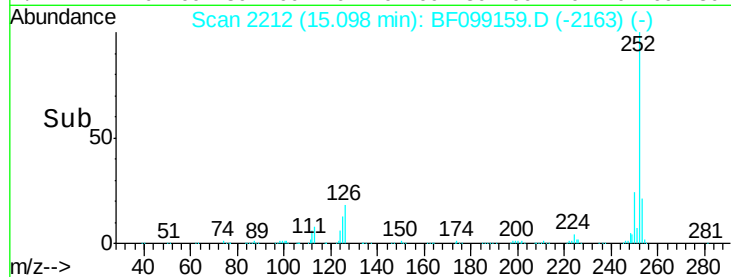
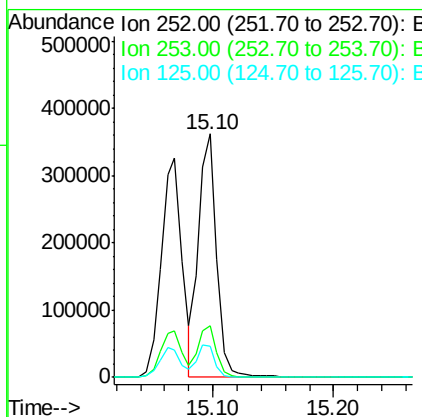
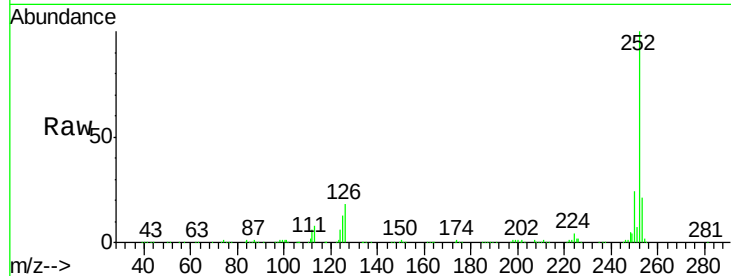




#88
Benzo(k)fluoranthene
Concen: 25.78 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

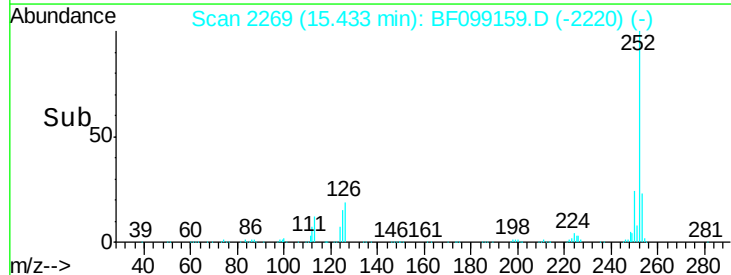
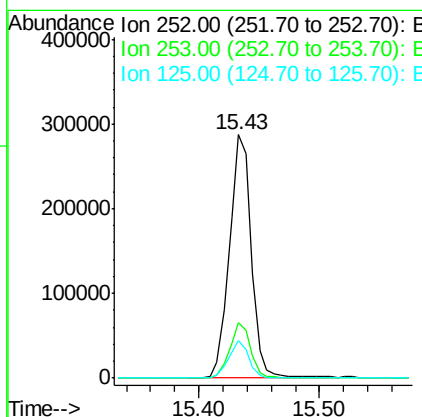
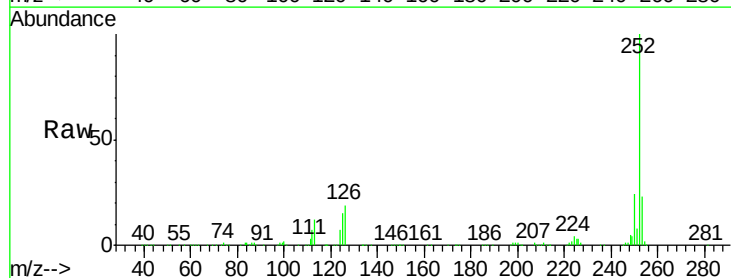
Instrument :
BNA_F
ClientSampleId :

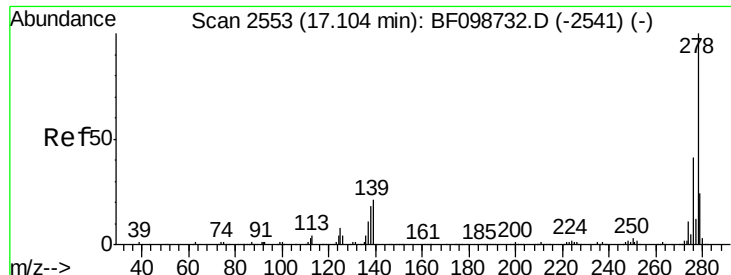
Tot Ion:252 Resp: 378175
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 12.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 26.68 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099159.D
Acq: 6 Oct 2017 20:43

Tgt Ion:252 Resp: 363698
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 15.3 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 31.03 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.02 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

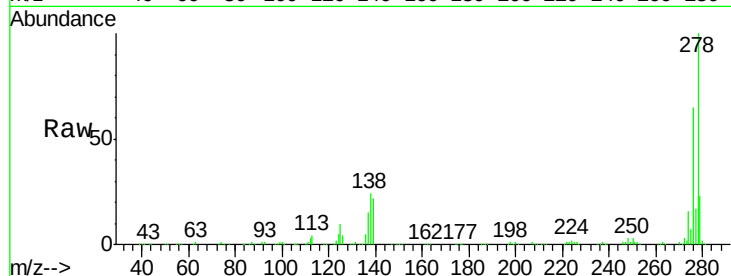
Tot Ion:278 Resp: 338520

Ion Ratio Lower Upper

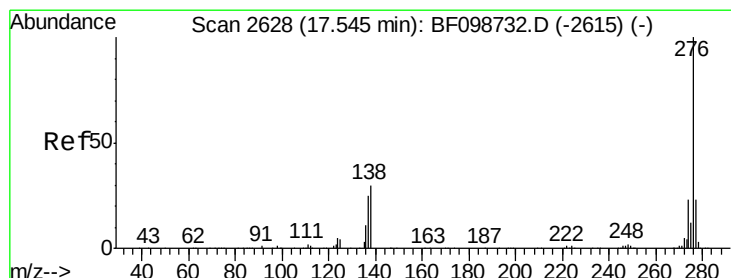
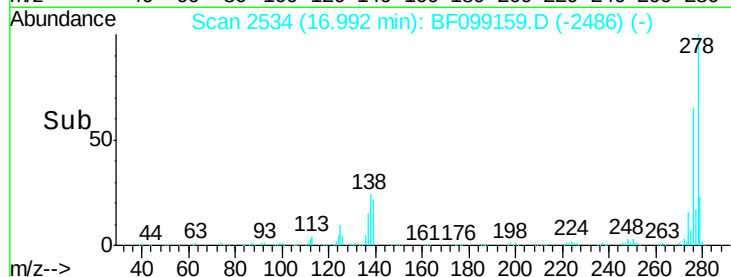
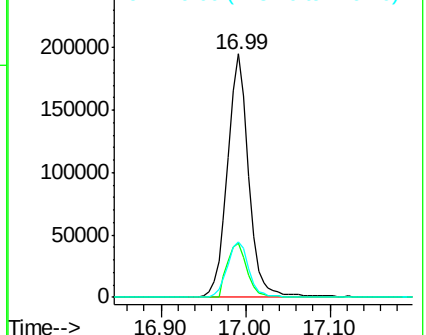
278 100

139 22.1 15.9 23.9

279 23.0 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: 32.87 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF099159.D

Acq: 6 Oct 2017 20:43

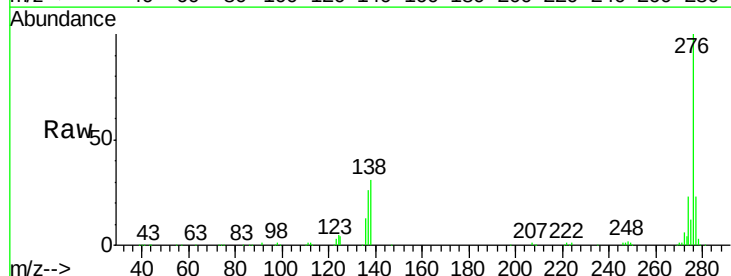
Tgt Ion:276 Resp: 354450

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.7 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

