

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
 Data File : BF098985.D
 Acq On : 1 Oct 2017 12:01
 Operator : SJ/JU
 Sample : PB102778BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Quant Time: Oct 02 00:52:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	122424	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	520705	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	236879	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	424555	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	284299	20.00	ng	-0.01
86) Perylene-d12	15.56	264	216529	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	965836	125.59	ng	0.00
7) Phenol-d6	6.54	99	1167013	123.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	723366	89.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	249255	128.59	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1324867	93.37	ng	-0.02
78) Terphenyl-d14	13.02	244	1133500	90.67	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	138346	37.66	ng	99
3) Pyridine	3.56	79	379388	38.18	ng	97
4) n-Nitrosodimethylamine	3.52	42	172748	40.99	ng	# 94
6) Aniline	6.57	93	258063	20.15	ng	99
8) 2-Chlorophenol	6.69	128	357987	41.11	ng	96
9) Benzaldehyde	6.46	77	209259	38.03	ng	97
10) Phenol	6.55	94	442116	41.67	ng	96
11) bis(2-Chloroethyl)ether	6.64	93	340544	41.29	ng	100
12) 1,3-Dichlorobenzene	6.85	146	377086	41.34	ng	99
13) 1,4-Dichlorobenzene	6.92	146	381667	41.13	ng	99
14) 1,2-Dichlorobenzene	7.07	146	357212	41.66	ng	98
15) Benzyl Alcohol	7.05	79	302538	43.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	527873	41.08	ng	98
17) 2-Methylphenol	7.16	107	297860	41.80	ng	99
18) Hexachloroethane	7.42	117	137671	41.27	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	238982	39.46	ng	96
20) 3+4-Methylphenols	7.30	107	362095	40.17	ng	# 81
22) Acetophenone	7.31	105	484849	38.43	ng	# 95
24) Nitrobenzene	7.49	77	370827	40.26	ng	97
25) Isophorone	7.72	82	686888	40.92	ng	98
26) 2-Nitrophenol	7.80	139	195609	44.16	ng	90
27) 2,4-Dimethylphenol	7.83	122	337649	40.37	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	434461	41.53	ng	99
29) 2,4-Dichlorophenol	8.05	162	297662	41.45	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	296948	41.34	ng	99
31) Naphthalene	8.21	128	1011706	41.37	ng	100
32) Benzoic acid	7.96	122	206472	30.05	ng	96
33) 4-Chloroaniline	8.25	127	133443	13.07	ng	99
34) Hexachlorobutadiene	8.32	225	149537	40.42	ng	98
35) Caprolactam	8.63	113	56176	24.39	ng	95
36) 4-Chloro-3-methylphenol	8.74	107	321270	39.80	ng	96
37) 2-Methylnaphthalene	8.90	142	697528	43.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	267702	37.89	ng	98
40) Hexachlorocyclopentadiene	9.05	237	291728	90.36	ng	97

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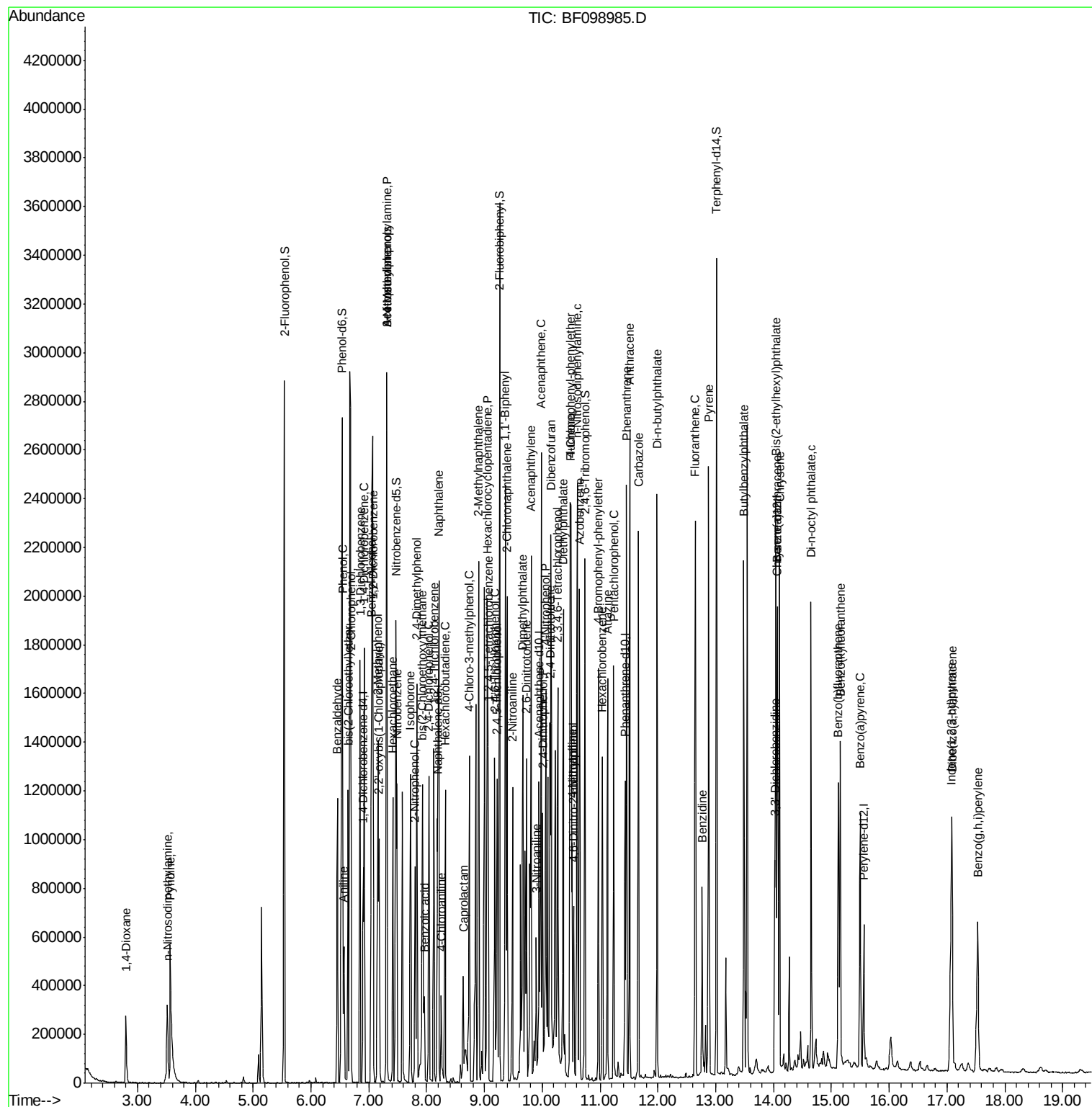
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	200667	40.10	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	209028	41.84	nq	95
45) 1,1'-Biphenyl	9.36	154	812470	39.91	nq	99
46) 2-Chloronaphthalene	9.39	162	629171	41.16	nq	97
47) 2-Nitroaniline	9.49	65	200190	42.77	nq	100
48) Acenaphthylene	9.81	152	965323	41.25	nq	99
49) Dimethylphthalate	9.66	163	747519	41.81	nq	100
50) 2,6-Dinitrotoluene	9.73	165	164207	42.19	nq	97
51) Acenaphthene	9.98	154	590232	39.82	nq	99
52) 3-Nitroaniline	9.90	138	94456	20.81	nq	92
53) 2,4-Dinitrophenol	10.00	184	126117	63.53	nq	96
54) Dibenzofuran	10.15	168	866440	43.90	nq	98
55) 4-Nitrophenol	10.06	139	279972	72.96	nq	96
56) 2,4-Dinitrotoluene	10.13	165	225323	44.61	nq	97
57) Fluorene	10.50	166	675366	42.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	155436	45.04	nq	98
59) Diethylphthalate	10.36	149	736160	42.14	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	305467	42.87	nq	99
61) 4-Nitroaniline	10.52	138	179777	41.06	nq	94
62) Azobenzene	10.65	77	713144	44.40	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	88319	34.19	nq	80
65) n-Nitrosodiphenylamine	10.60	169	604037	41.07	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	176066	42.37	nq	96
67) Hexachlorobenzene	11.05	284	173871	39.17	nq	93
68) Atrazine	11.13	200	192371	43.47	nq	99
69) Pentachlorophenol	11.24	266	187354	67.82	nq	99
70) Phenanthrene	11.46	178	961079	42.29	nq	99
71) Anthracene	11.51	178	987185	42.46	nq	100
72) Carbazole	11.66	167	921215	40.46	nq	100
73) Di-n-butylphthalate	11.99	149	1158453	42.27	nq	99
74) Fluoranthene	12.65	202	973581	42.31	nq	99
76) Benzidine	12.76	184	258335	24.57	nq	98
77) Pyrene	12.88	202	986022	45.48	nq	100
79) Butylbenzylphthalate	13.49	149	468962	46.03	nq	97
80) Benzo(a)anthracene	14.06	228	733846	42.63	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	145529	23.06	nq	97
82) Chrysene	14.10	228	679643	41.47	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	625322	44.57	nq	# 98
84) Di-n-octyl phthalate	14.65	149	934959	41.39	nq	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	578446	44.12	nq	96
87) Benzo(b)fluoranthene	15.13	252	597611	44.89	nq	99
88) Benzo(k)fluoranthene	15.16	252	548517	41.71	nq	99
89) Benzo(a)pyrene	15.50	252	540802	44.25	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	481437	49.23	nq	98
91) Benzo(g,h,i)perylene	17.53	276	494239	51.12	nq	96

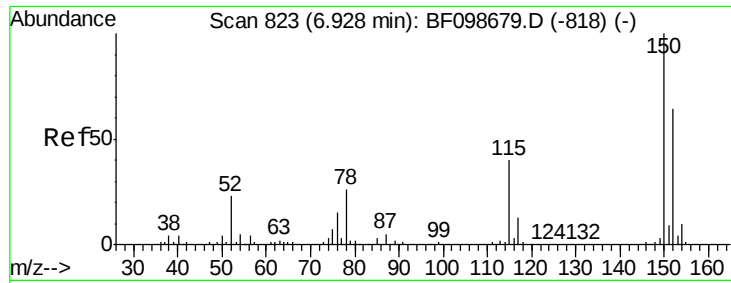
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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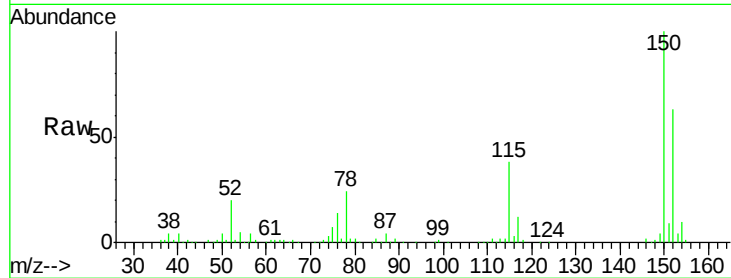


#1

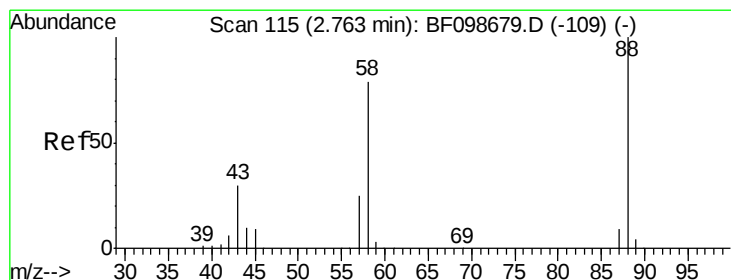
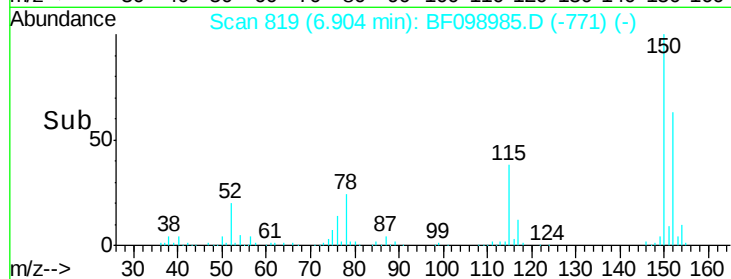
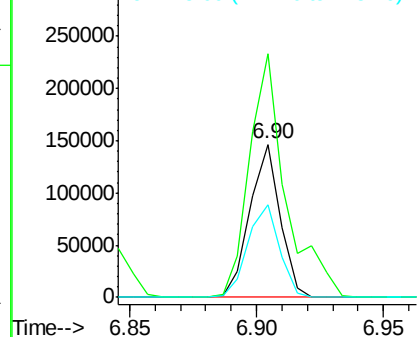
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:152 Resp: 122424
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.7 50.1 75.1



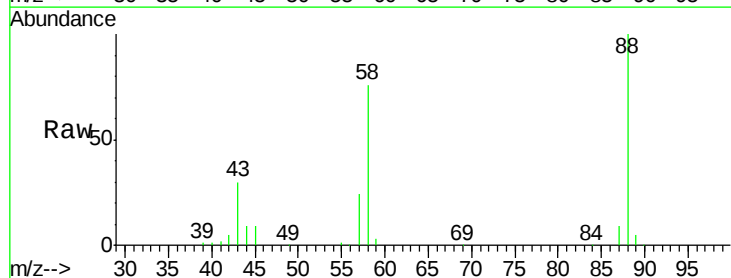
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



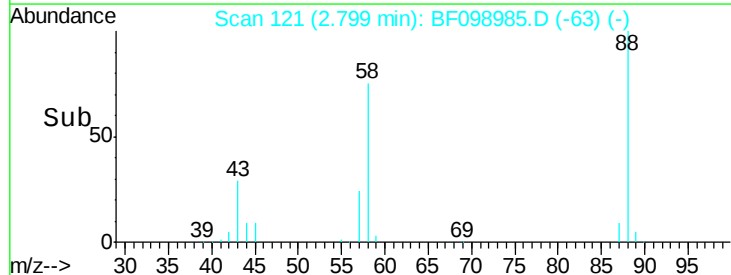
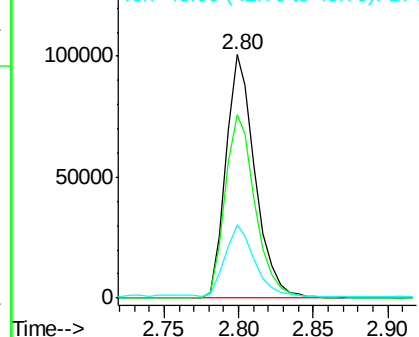
#2

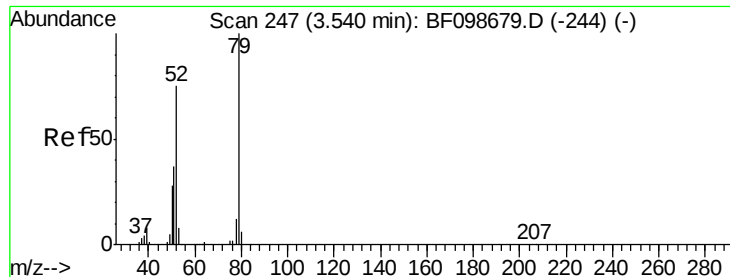
1,4-Dioxane
Concen: 37.66 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.04 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion: 88 Resp: 138346
Ion Ratio Lower Upper
88 100
58 78.1 62.6 93.8
43 29.3 24.6 37.0



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





#3

Pvridine

Concen: 38.18 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.04 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

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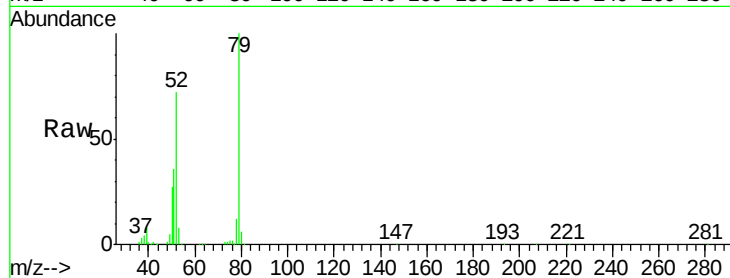
Tot Ion: 79 Resp: 379388

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

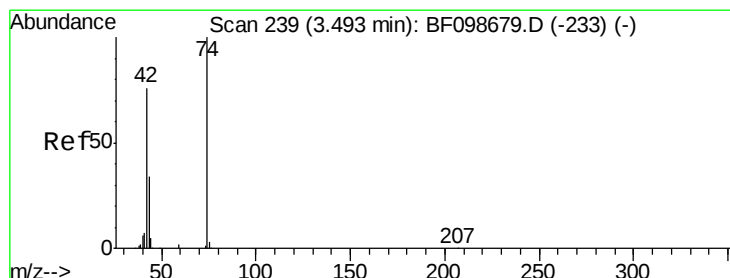
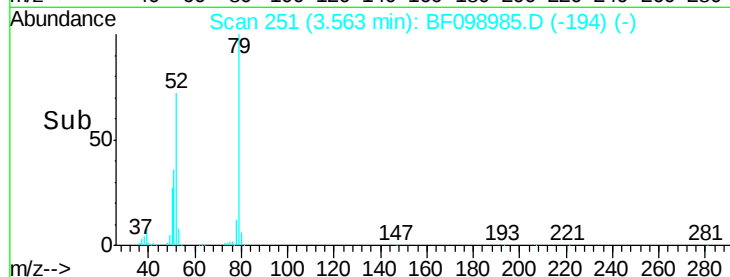
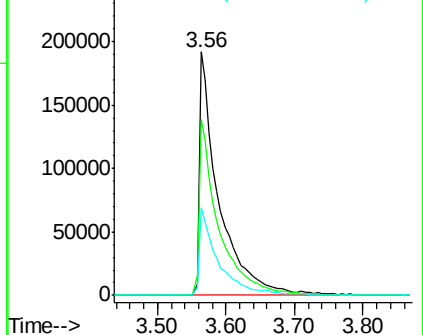
51 36.0 29.8 44.8



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: 40.99 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

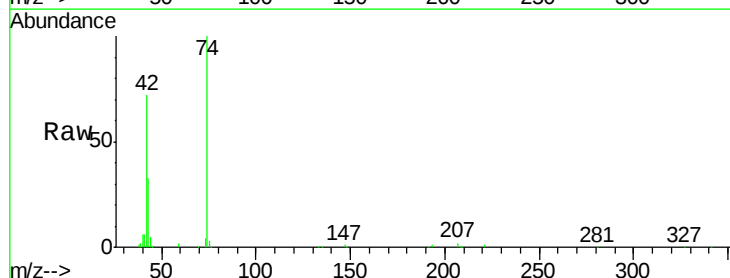
Tgt Ion: 42 Resp: 172748

Ion Ratio Lower Upper

42 100

74 138.7 104.9 157.3

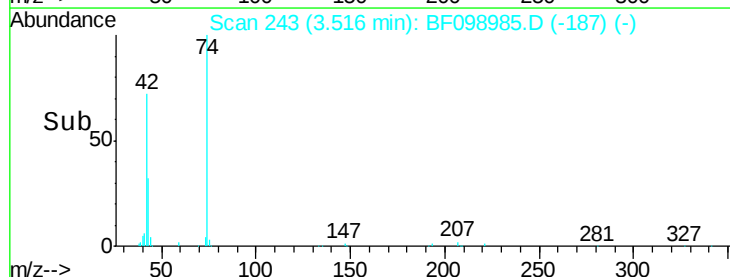
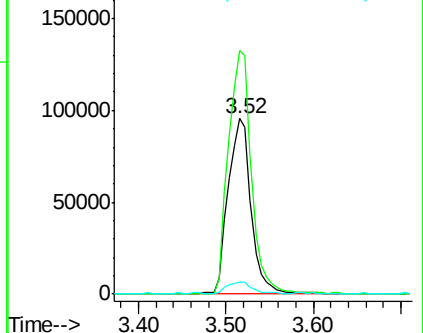
44 6.7 6.9 10.3#

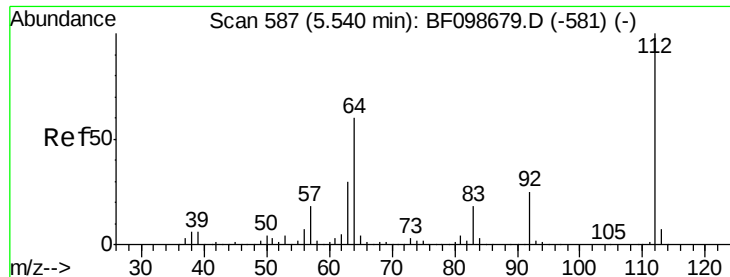


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.59 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.00 min

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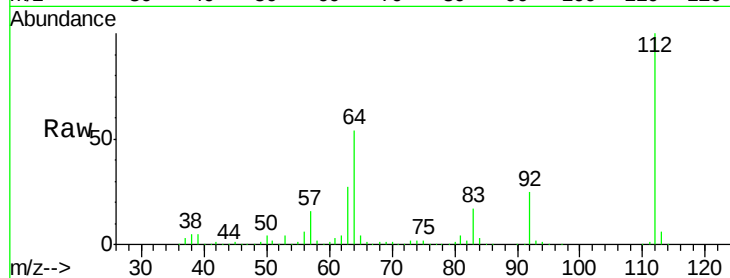
Tot Ion: 112 Resp: 965836

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

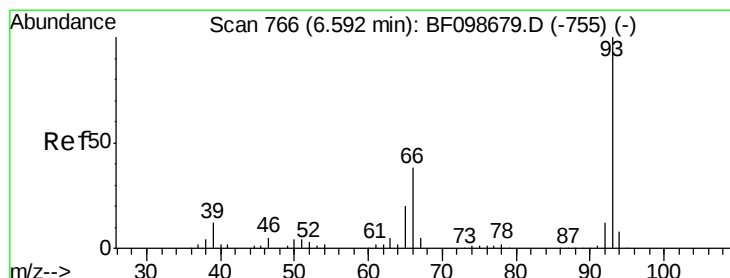
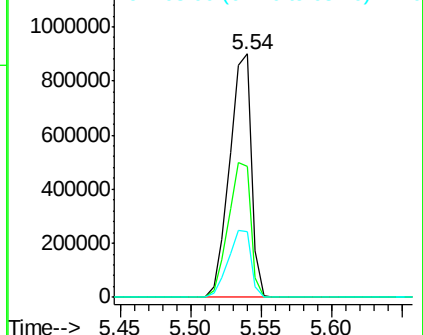
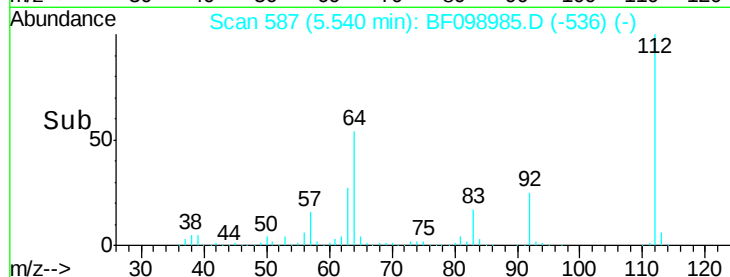
63 27.1 23.7 35.5



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: 20.15 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

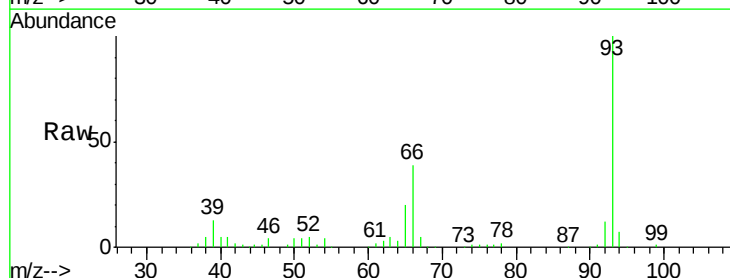
Tgt Ion: 93 Resp: 258063

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

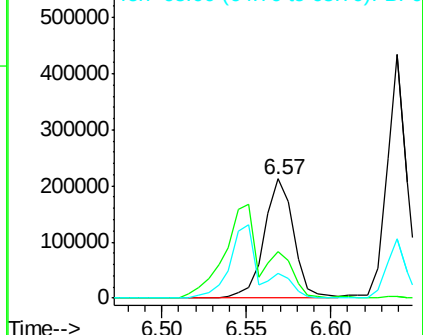
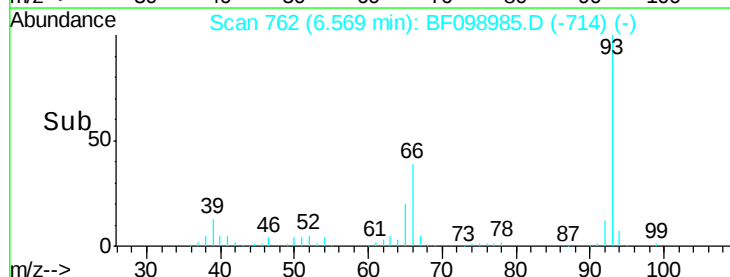
65 20.3 16.4 24.6

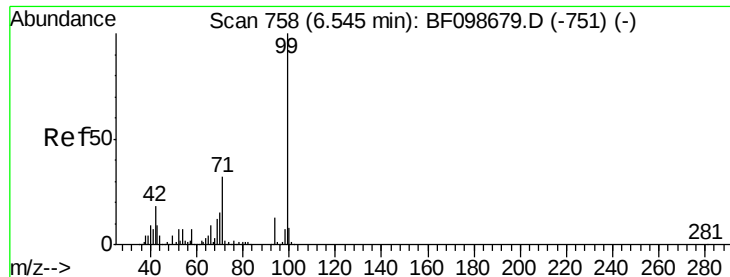


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.01 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

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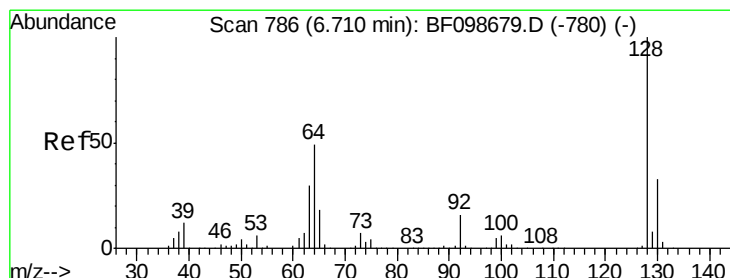
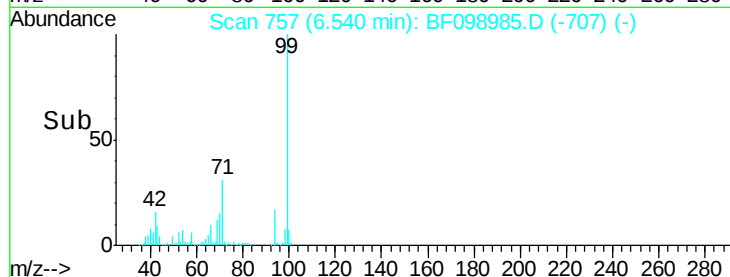
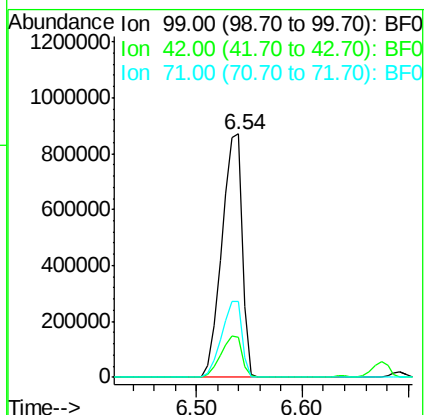
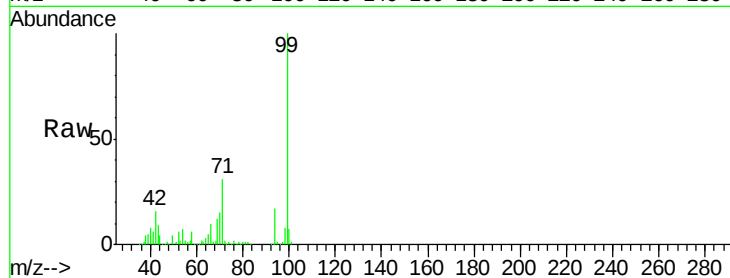
Tot Ion: 99 Resp: 1167013

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 31.0 25.4 38.0



#8

2-Chlorophenol

Concen: 41.11 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

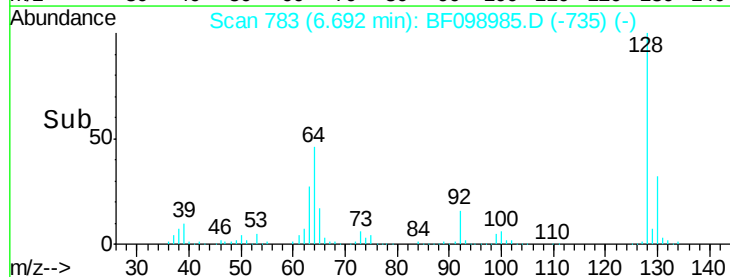
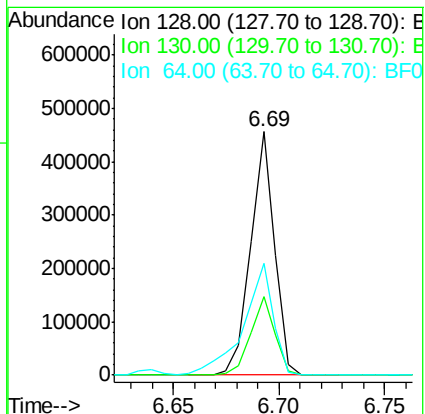
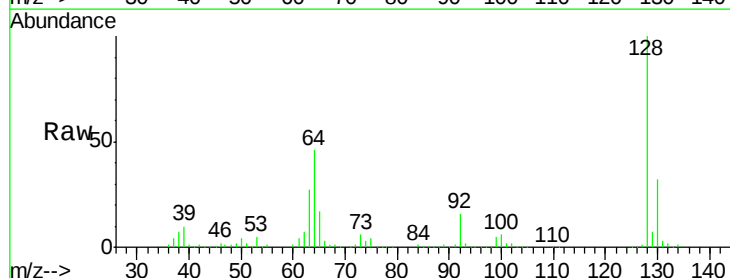
Tgt Ion: 128 Resp: 357987

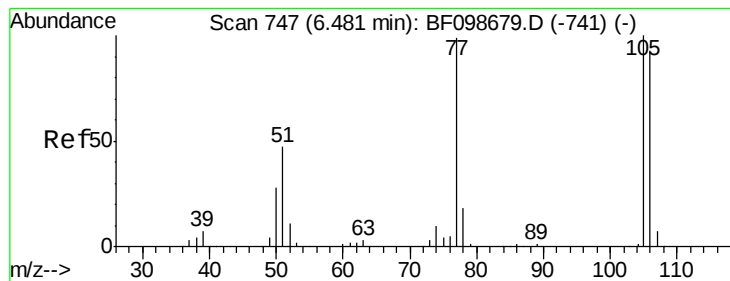
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 45.8 29.4 69.4





#9

Benzaldehyde

Concen: 38.03 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

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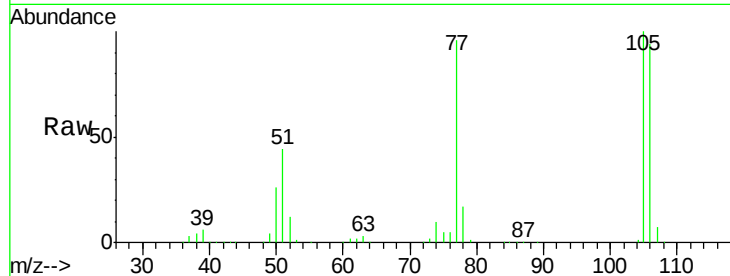
Tot Ion: 77 Resp: 209259

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

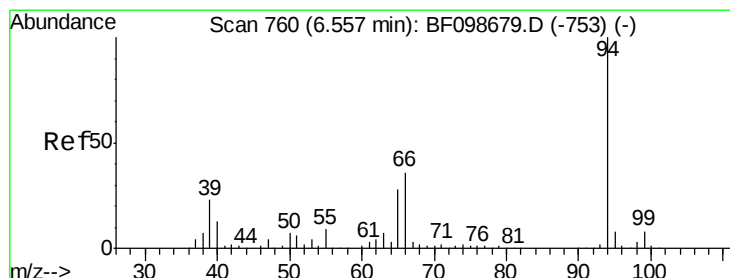
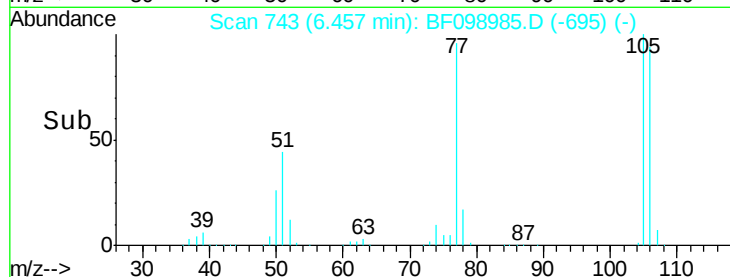
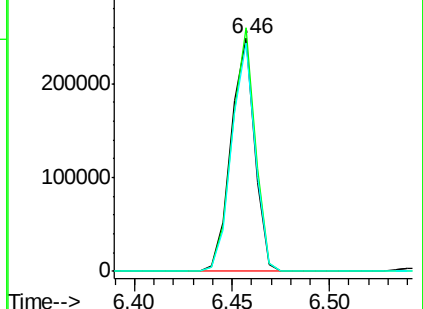
106 98.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.67 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

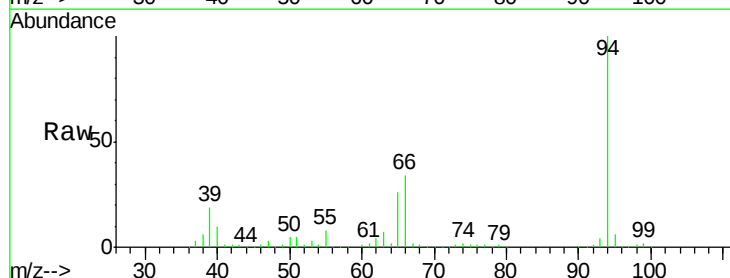
Tgt Ion: 94 Resp: 442116

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

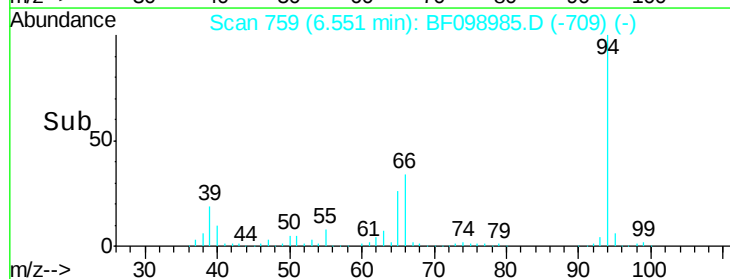
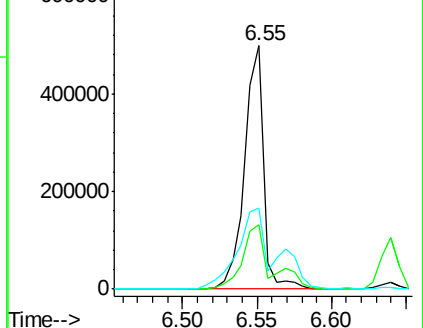
66 33.5 16.2 56.2

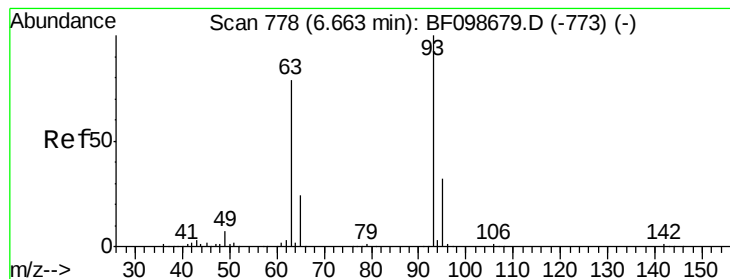


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.29 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

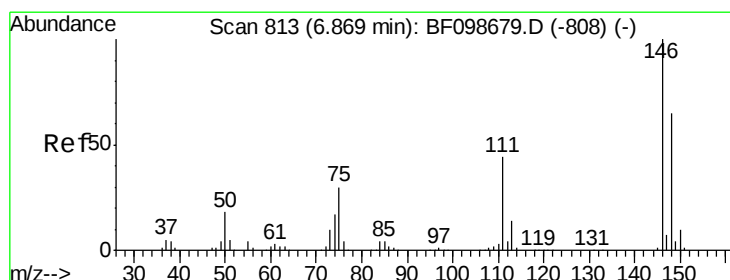
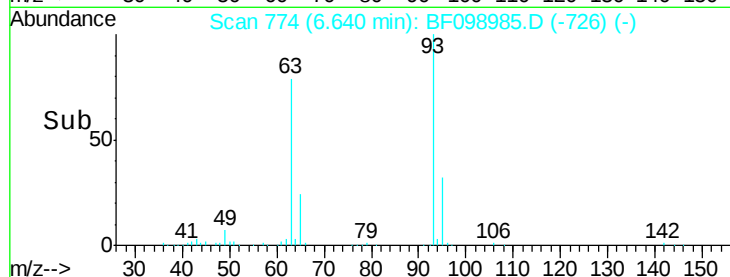
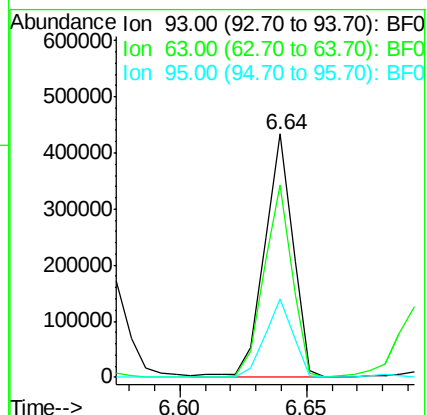
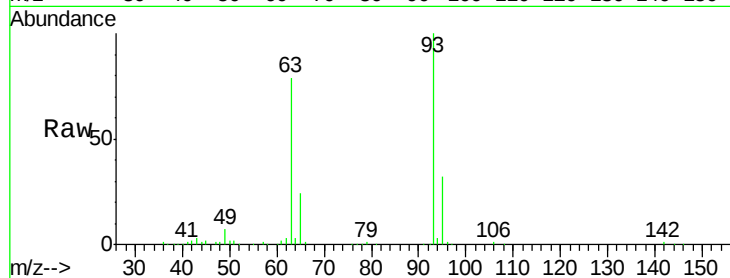
Tot Ion: 93 Resp: 340544

Ion Ratio Lower Upper

93 100

63 79.0 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.34 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

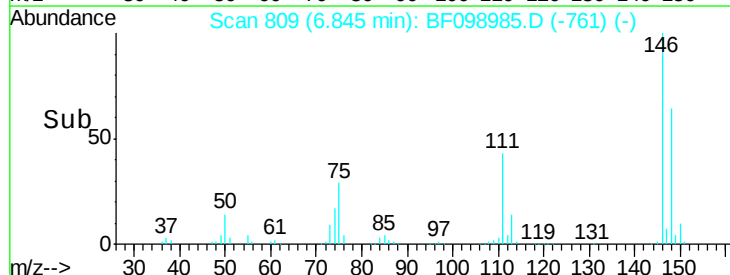
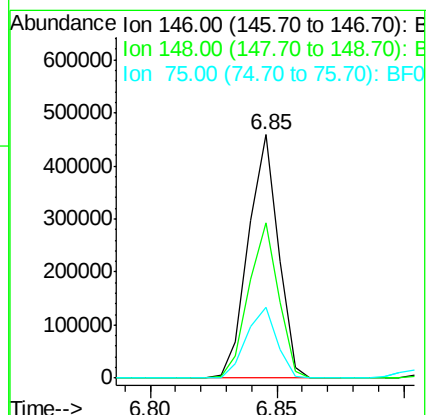
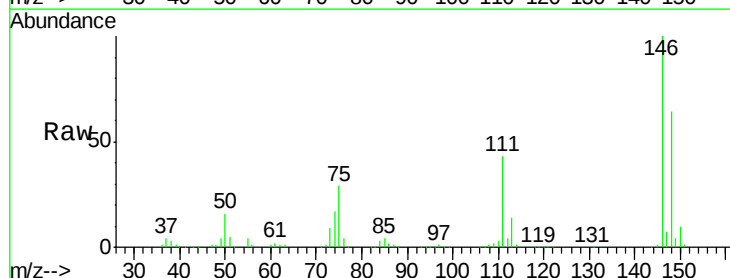
Tgt Ion: 146 Resp: 377086

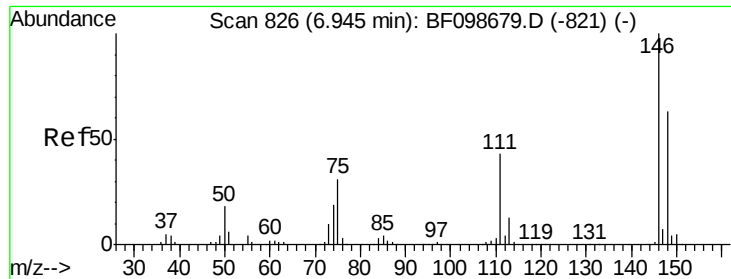
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 29.2 24.2 36.4

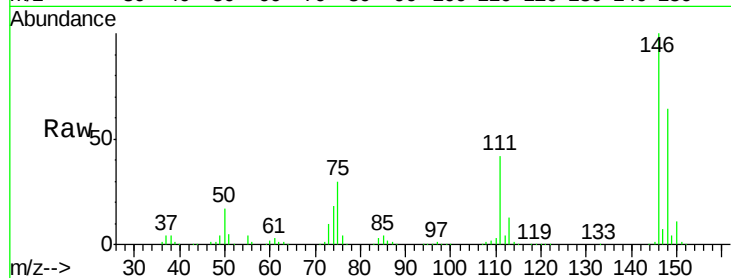




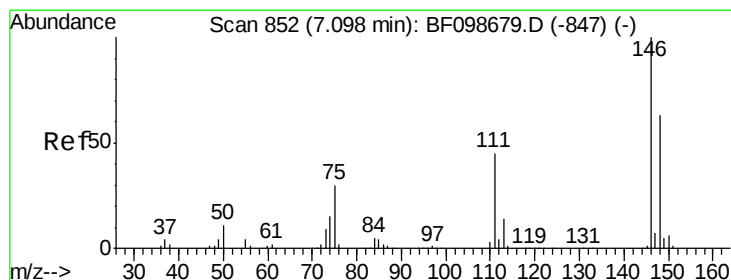
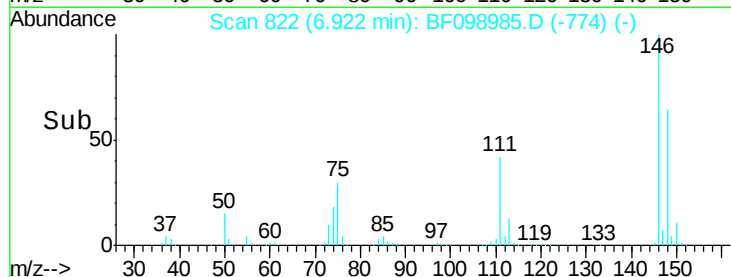
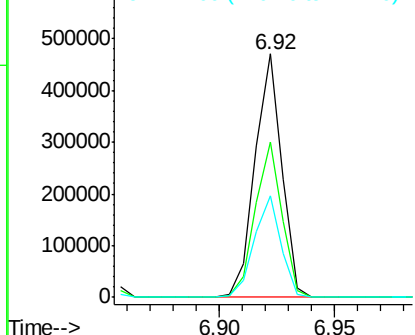
#13
 1,4-Dichlorobenzene
 Concen: 41.13 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion:146 Resp: 381667
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.6 34.2 51.2

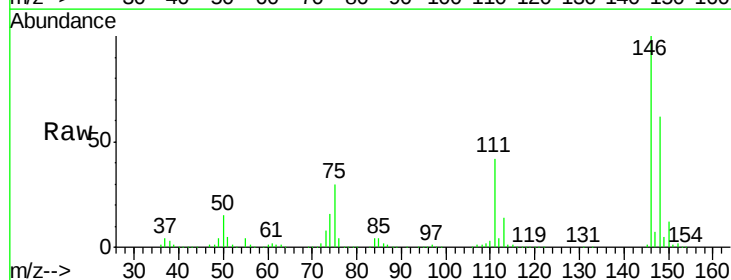


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

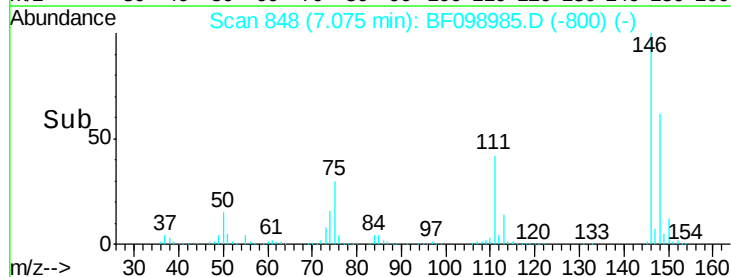
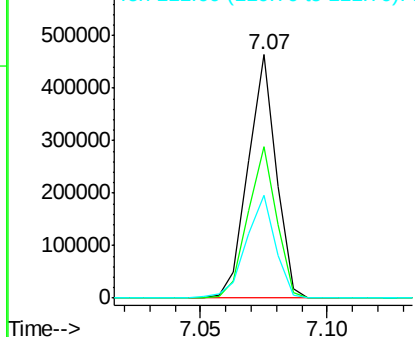


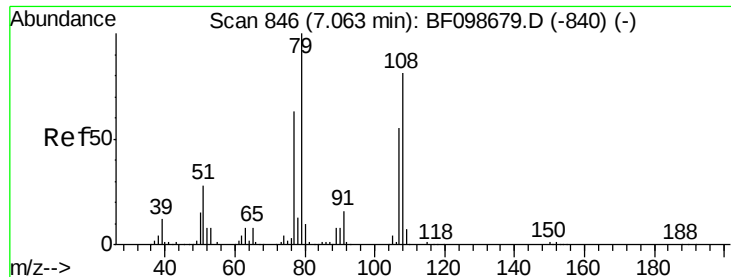
#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:146 Resp: 357212
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 75.8
 111 42.1 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: 43.47 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

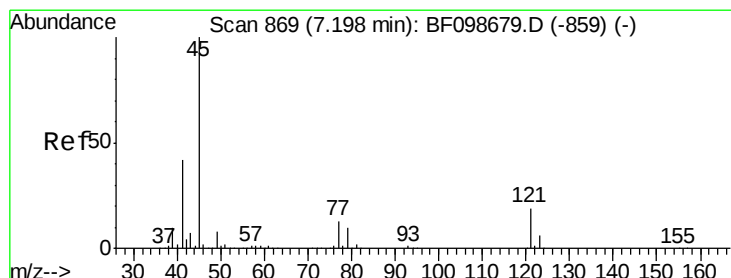
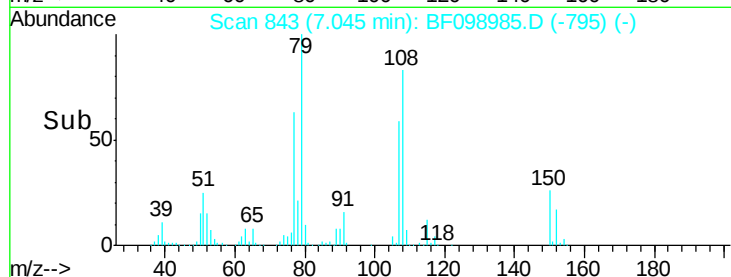
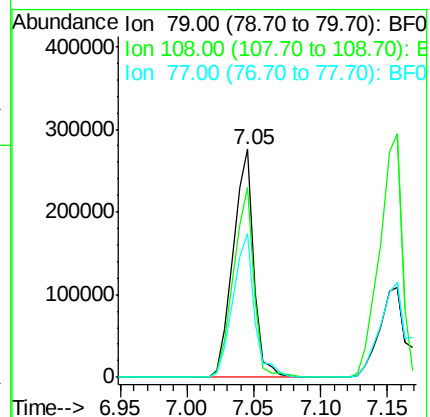
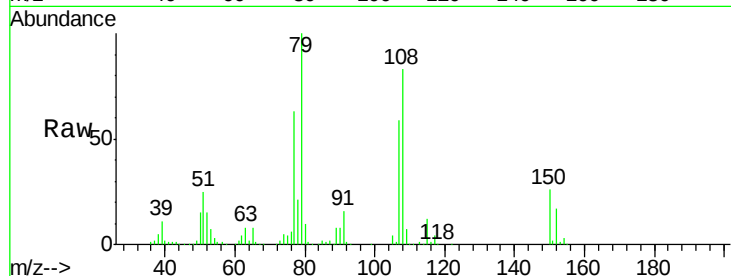
Tot Ion: 79 Resp: 302538

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.08 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

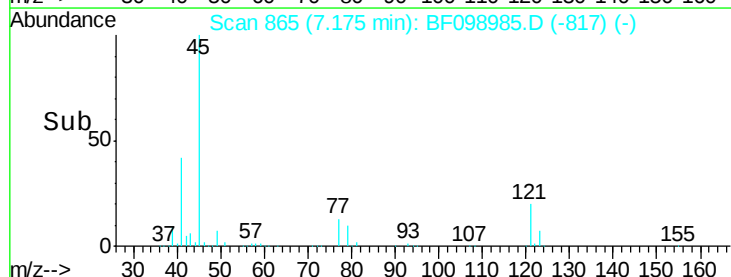
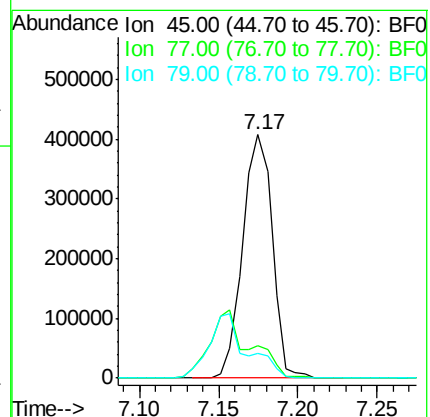
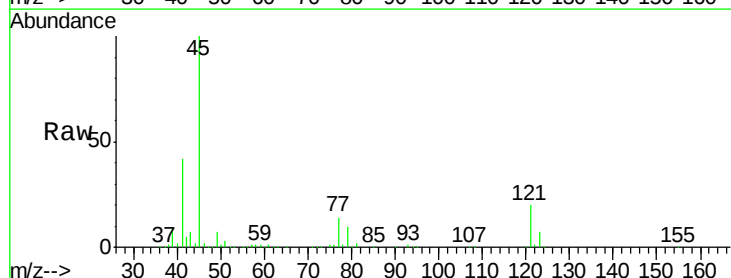
Tgt Ion: 45 Resp: 527873

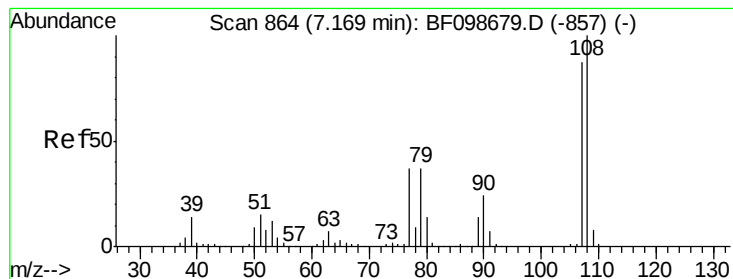
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.3 0.0 29.6

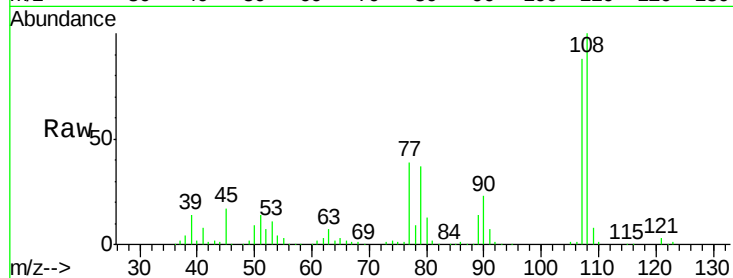




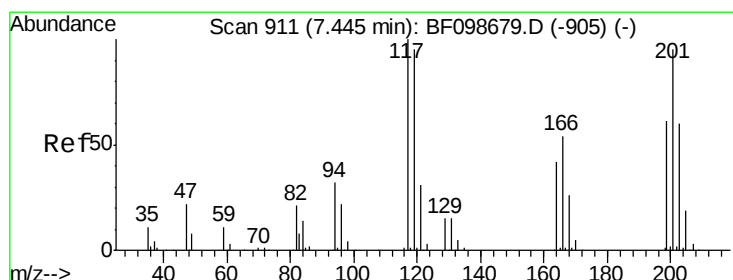
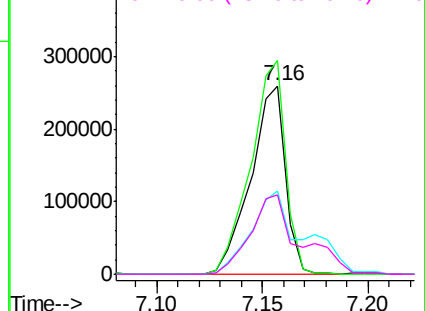
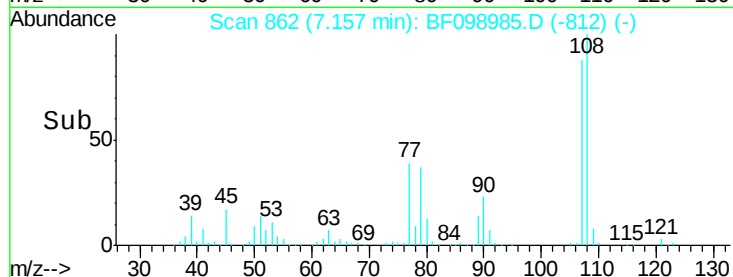
#17
2-Methylphenol
Concen: 41.80 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:107 Resp: 297860
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 44.0 33.8 50.8
79 41.8 33.8 50.8

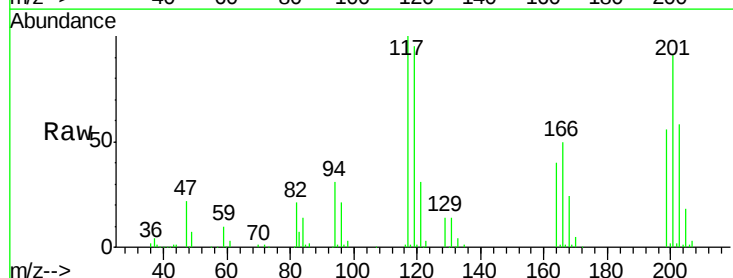


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

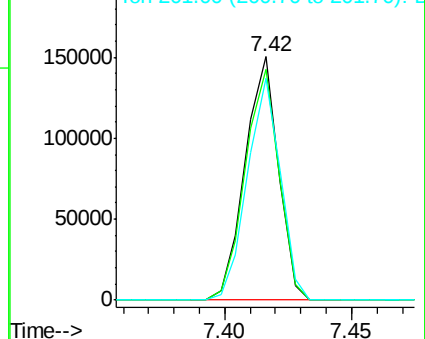
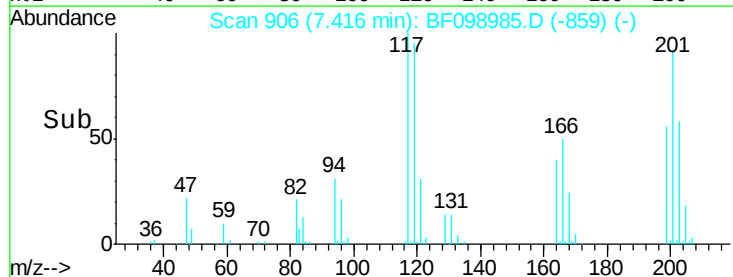


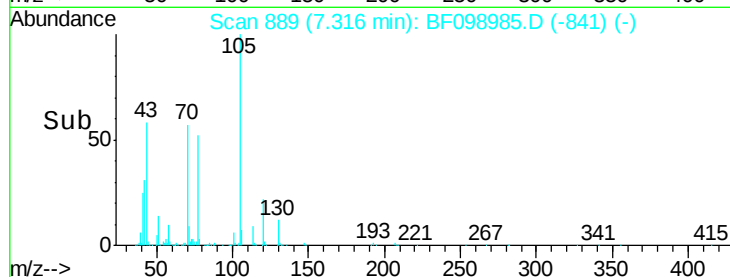
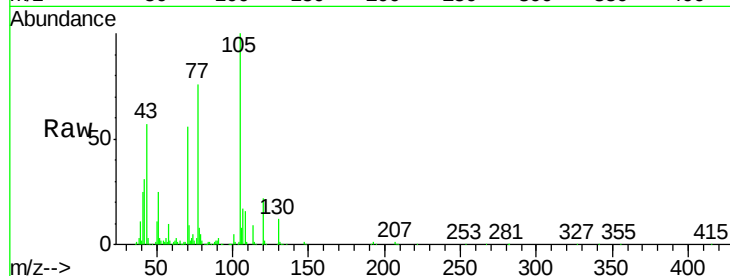
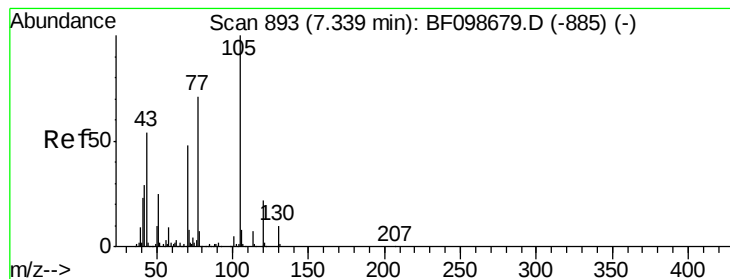
#18
Hexachloroethane
Concen: 41.27 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:117 Resp: 137671
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 91.1 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.46 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

Tot Ion: 70 Resp: 238982

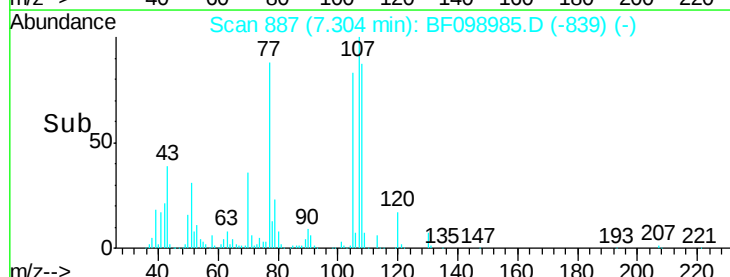
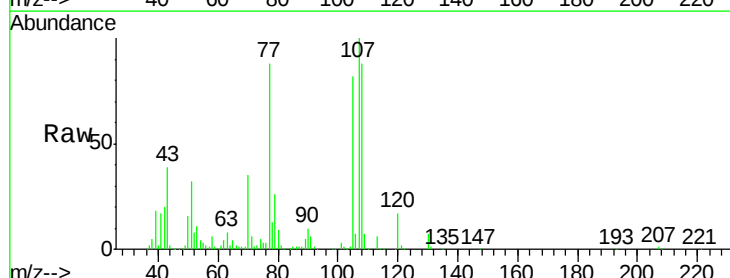
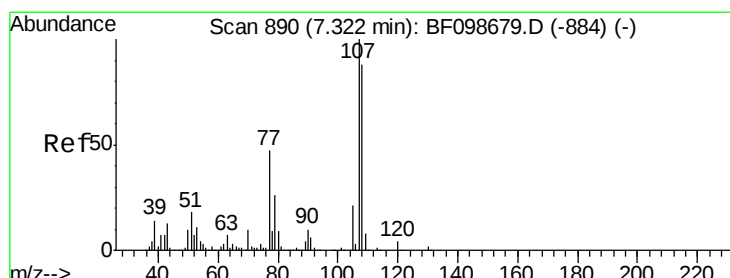
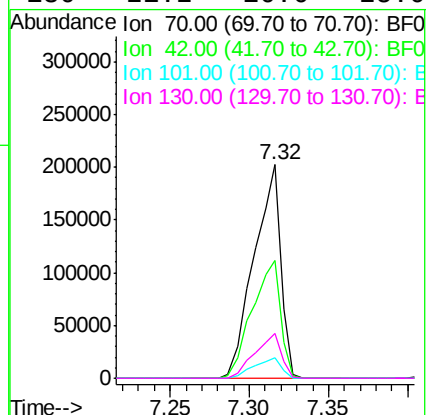
Ion Ratio Lower Upper

70 100

42 55.0 47.5 71.3

101 9.8 7.4 11.2

130 21.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.17 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Tgt Ion: 107 Resp: 362095

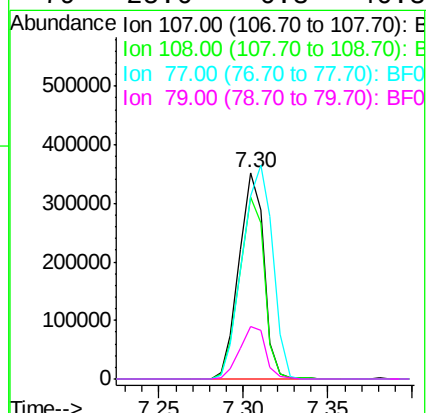
Ion Ratio Lower Upper

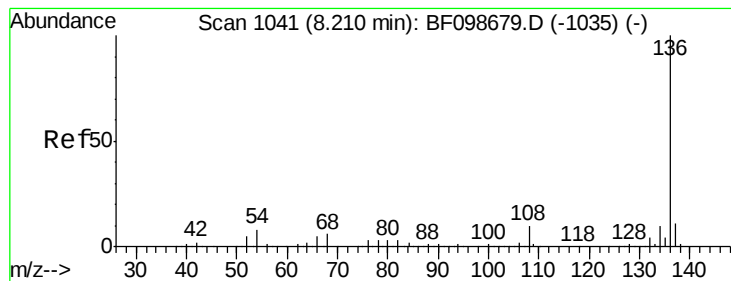
107 100

108 87.9 68.2 108.2

77 88.4 26.7 66.7#

79 25.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

Tot Ion:136 Resp: 520705

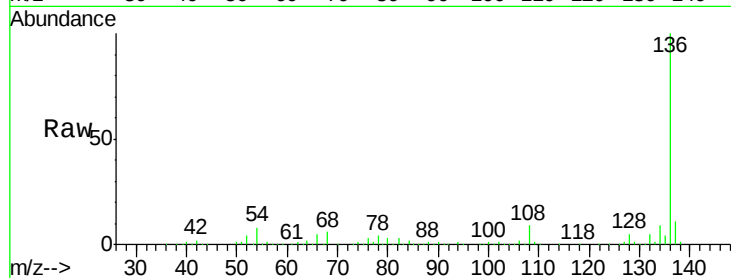
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.6 9.8

68 6.0 5.0 7.4

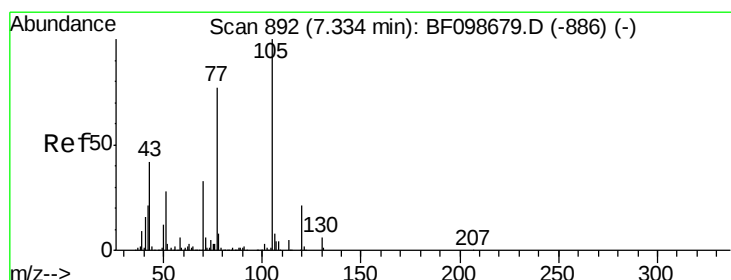
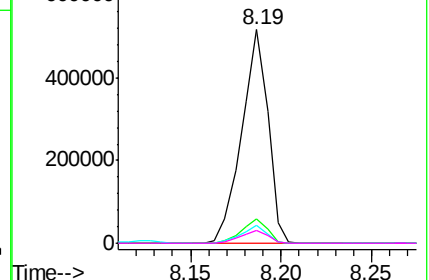
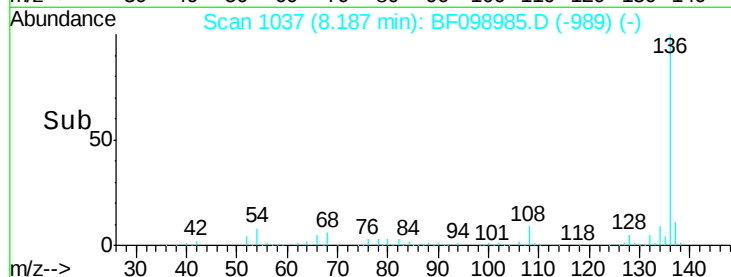


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.43 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Tgt Ion:105 Resp: 484849

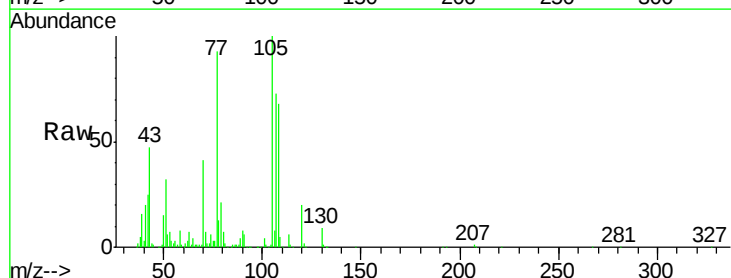
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 32.1 22.3 33.5

120 20.4 16.9 25.3

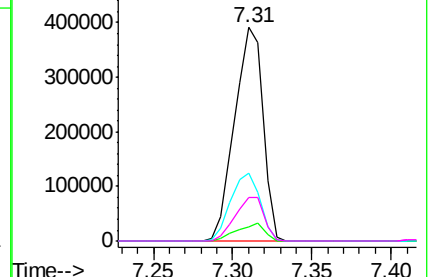
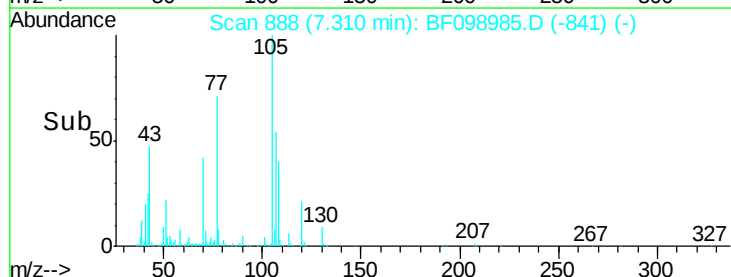


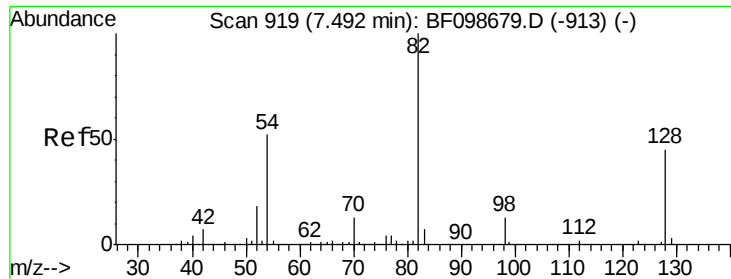
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

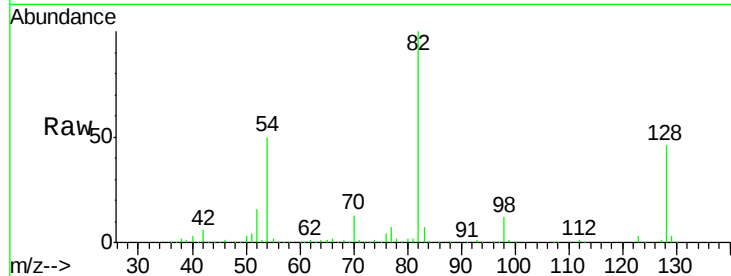




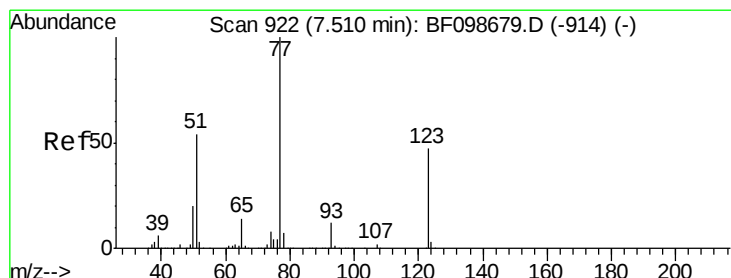
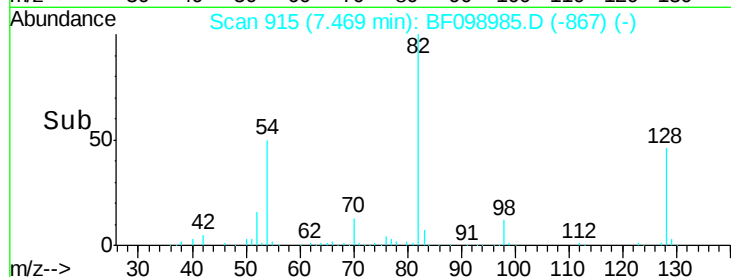
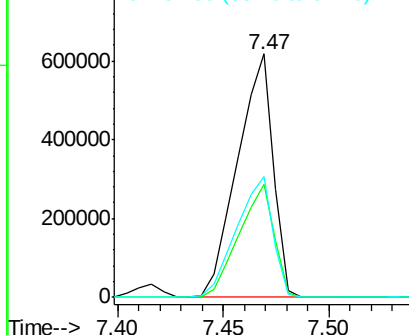
#23
 Nitrobenzene-d5
 Concen: 89.09 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion	82	Resp	723366
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	49.6	41.4	62.2

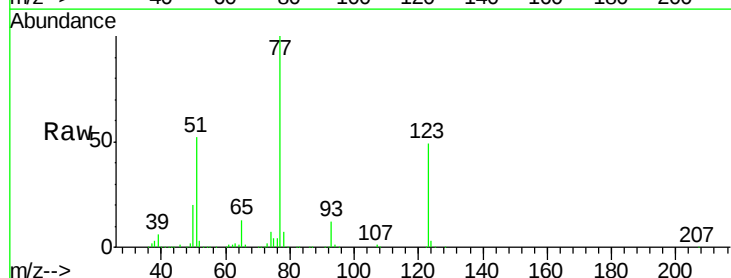


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

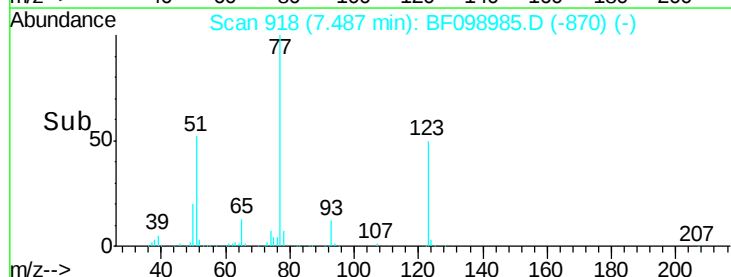
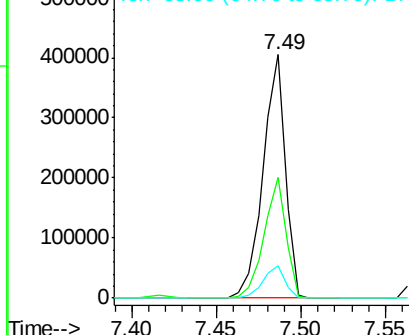


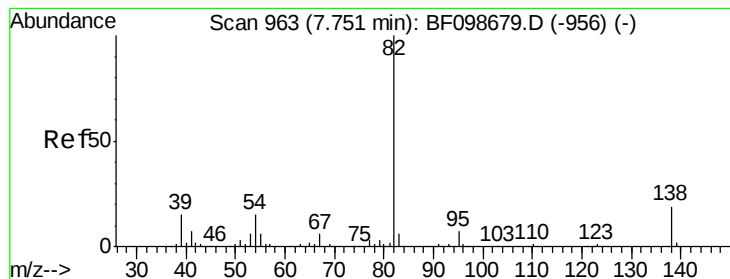
#24
 Nitrobenzene
 Concen: 40.26 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion	77	Resp	370827
Ion Ratio	Lower	Upper	
77	100		
123	49.4	37.9	56.9
65	13.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.92 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

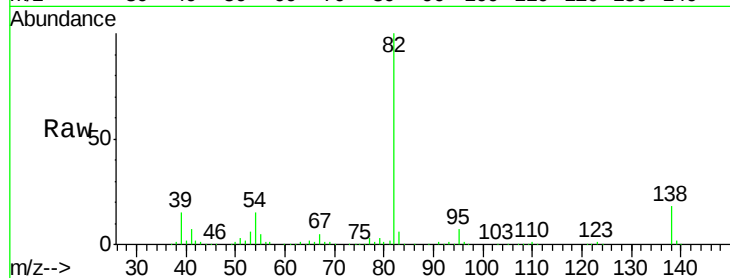
Tot Ion: 82 Resp: 686888

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

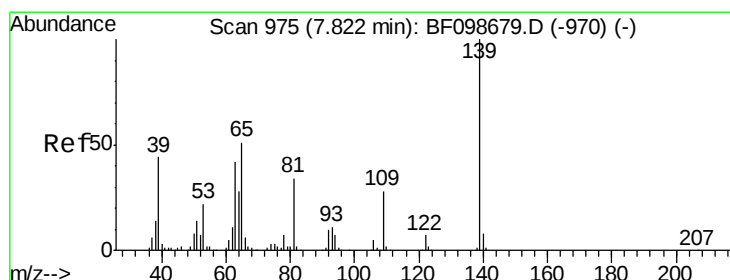
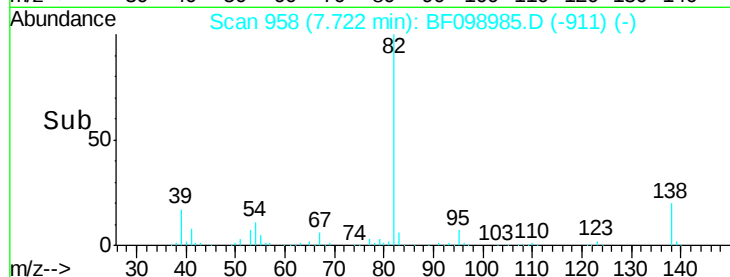
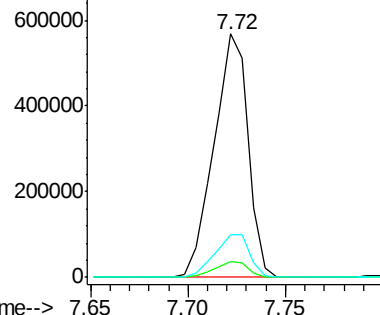
138 17.6 14.9 22.3



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: 44.16 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

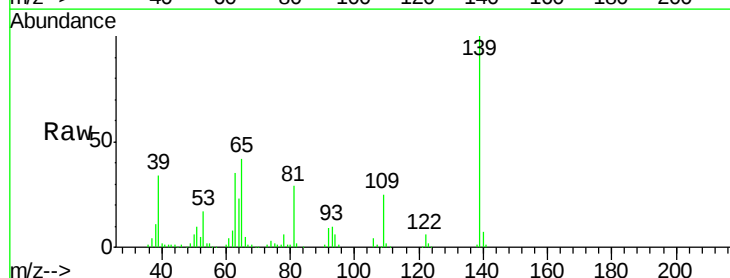
Tgt Ion: 139 Resp: 195609

Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

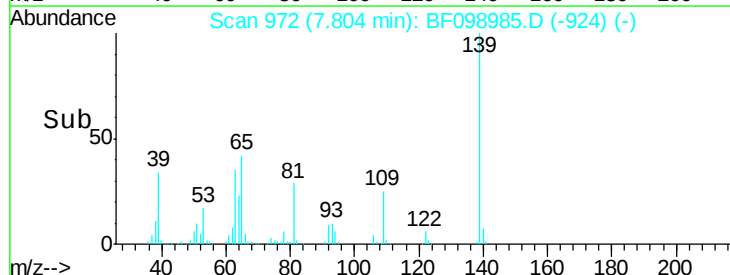
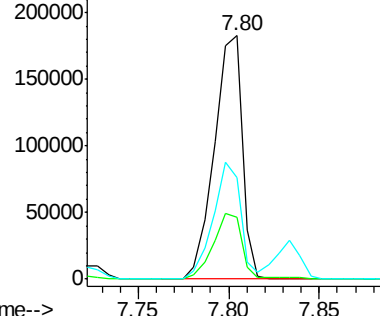
65 41.8 40.5 60.7

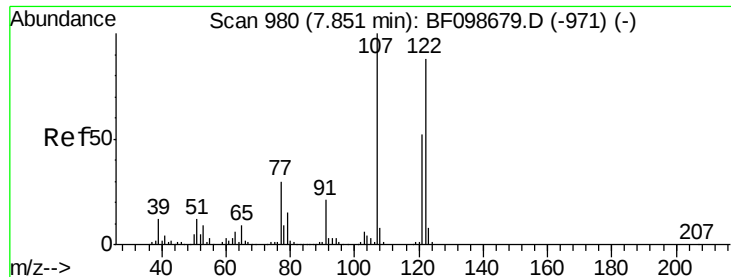


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.37 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

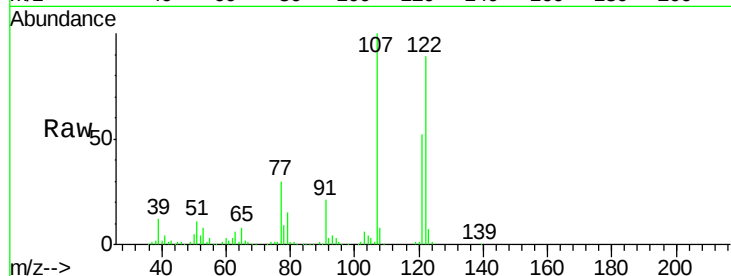
Tot Ion:122 Resp: 337649

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

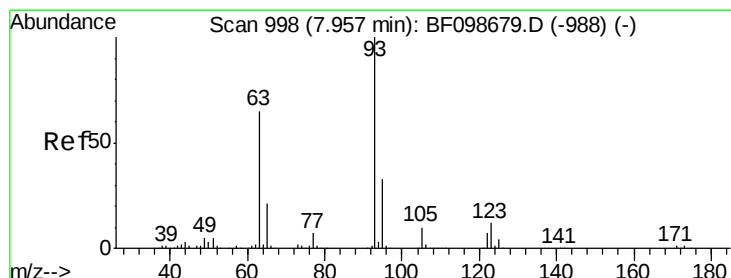
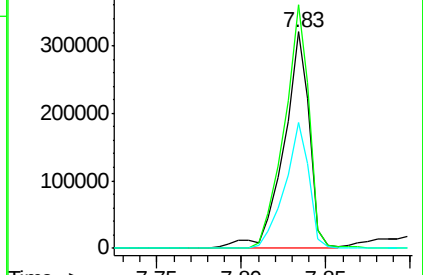
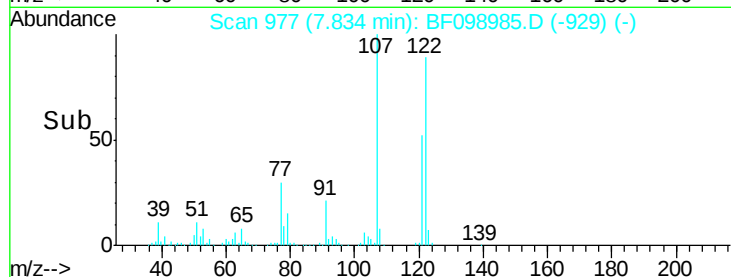
121 58.3 47.2 70.8



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: 41.53 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

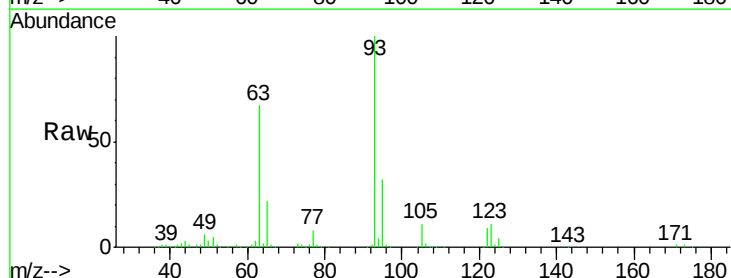
Tgt Ion: 93 Resp: 434461

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

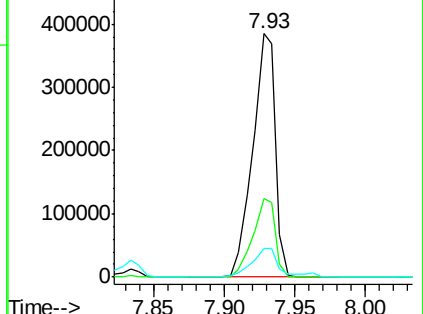
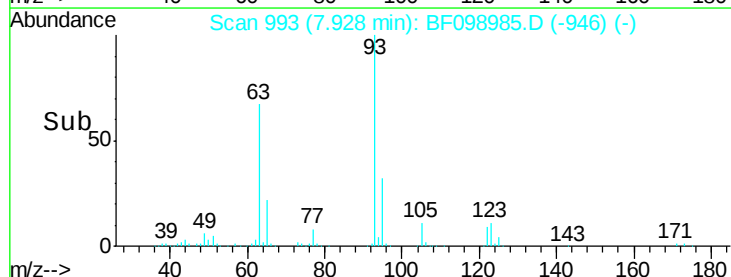
123 11.5 9.8 14.6

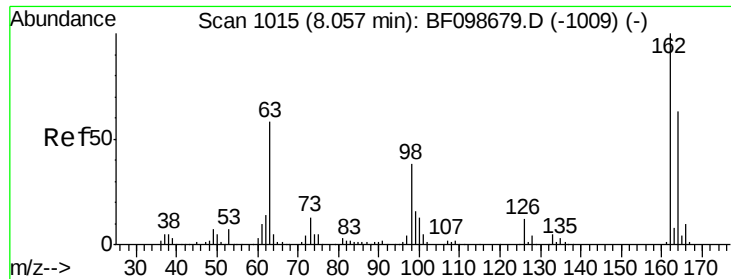


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

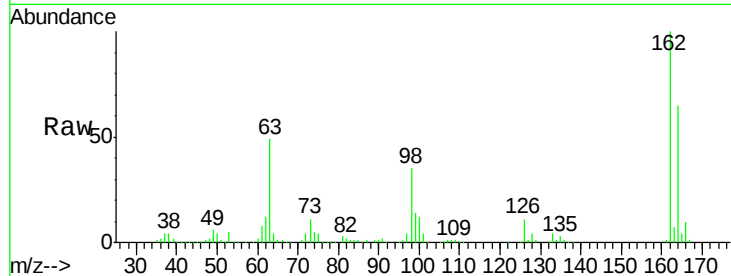




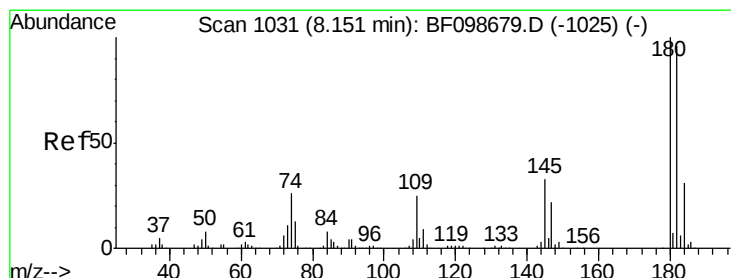
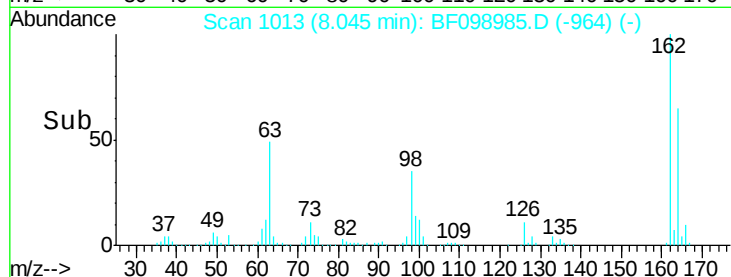
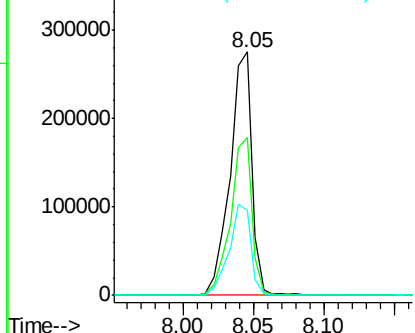
#29
 2,4-Dichlorophenol
 Concen: 41.45 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion	162	Resp	297662
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	35.1	18.1	58.1

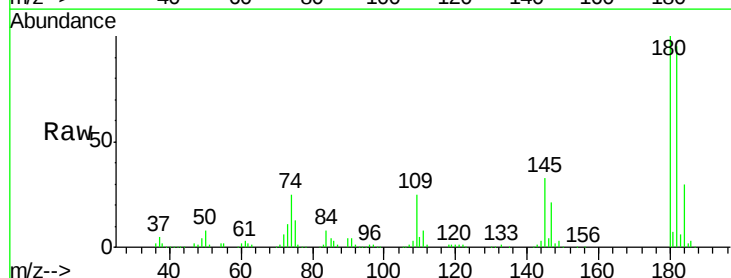


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

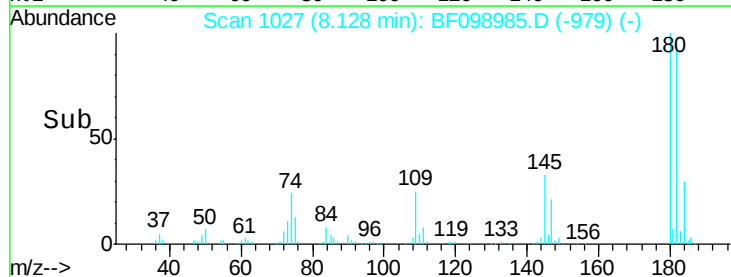
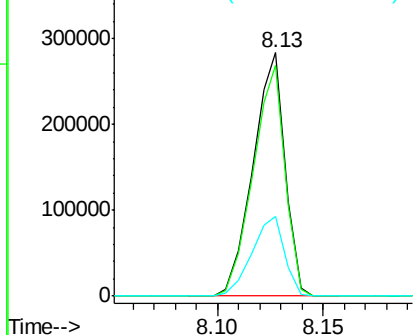


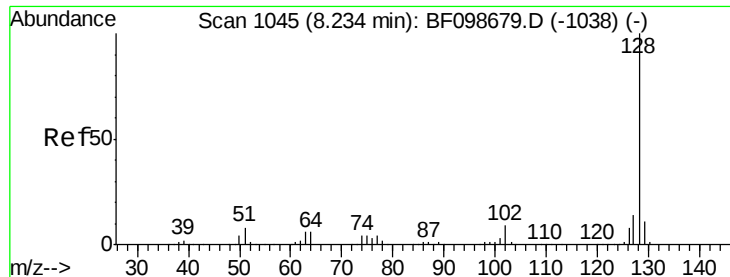
#30
 1,2,4-Trichlorobenzene
 Concen: 41.34 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion	180	Resp	296948
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.8	115.2
145	32.7	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: 41.37 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

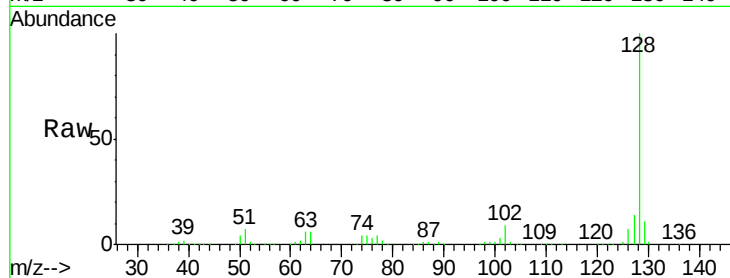
Tot Ion:128 Resp: 1011706

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

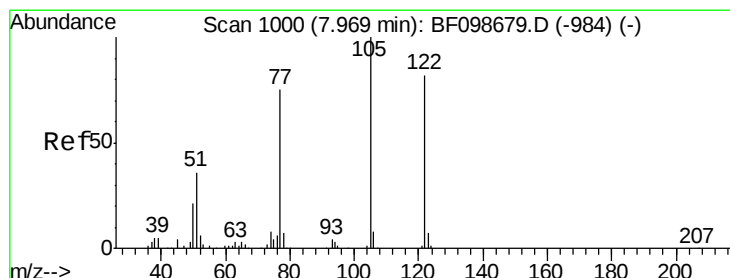
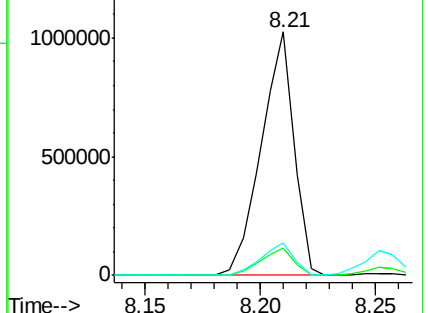
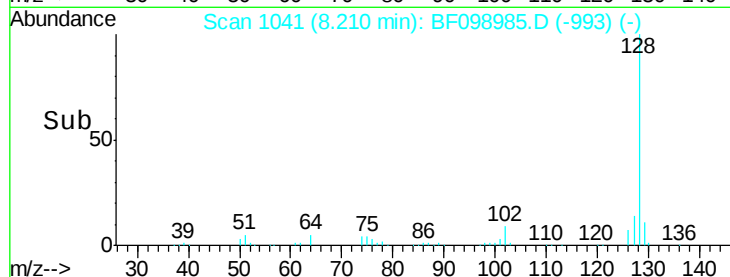
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.05 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

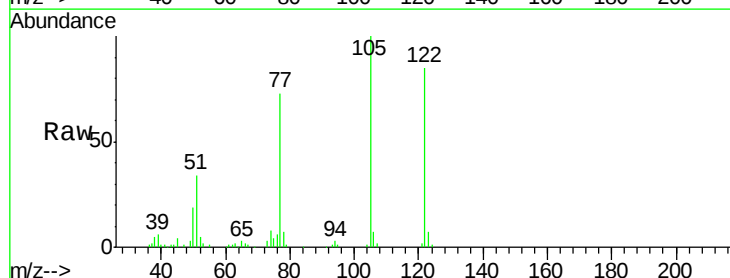
Tgt Ion:122 Resp: 206472

Ion Ratio Lower Upper

122 100

105 117.1 101.1 141.1

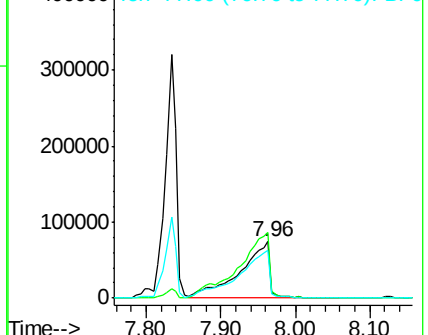
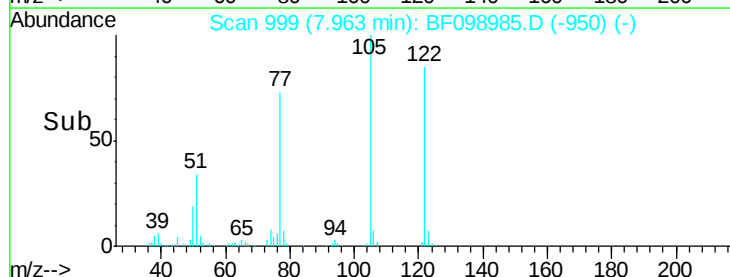
77 85.6 70.7 110.7

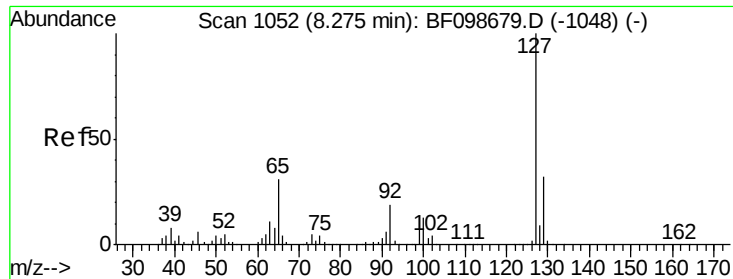


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

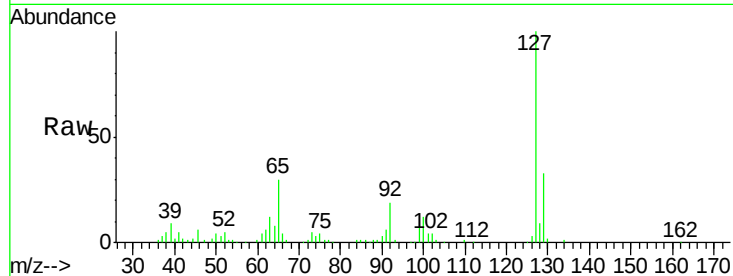




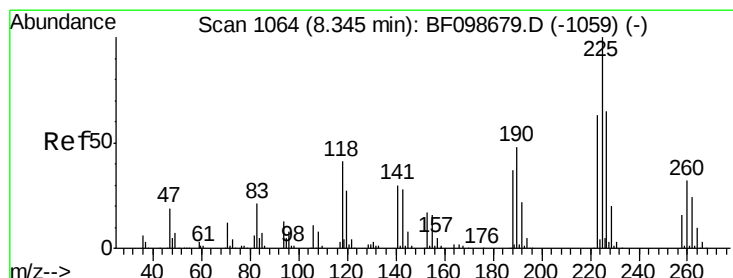
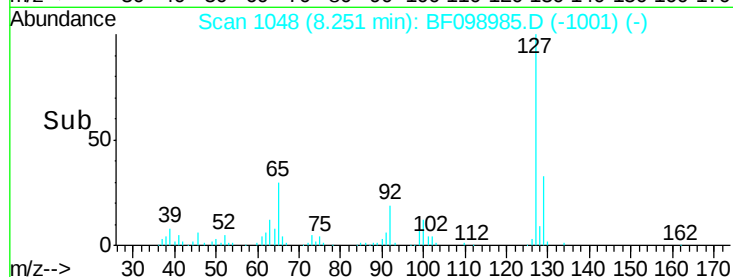
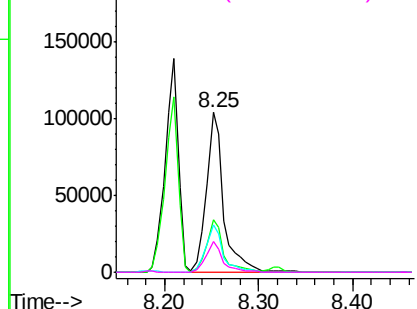
#33
4-Chloroaniline
Concen: 13.07 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:	127	Resp:	133443
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	30.0	25.0	37.4
92	19.3	15.2	22.8

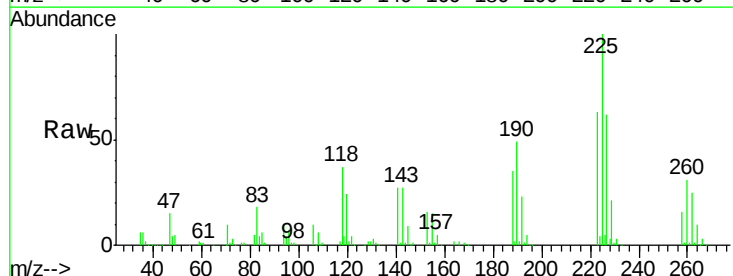


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

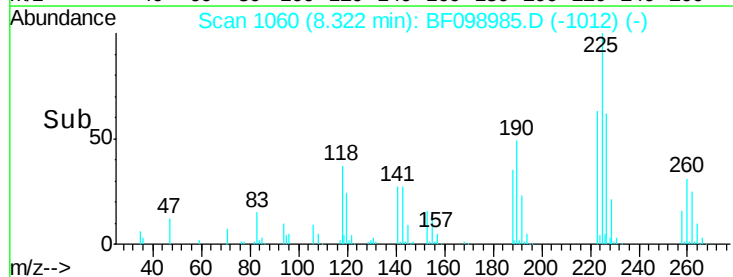
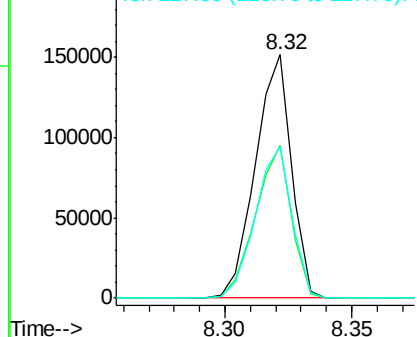


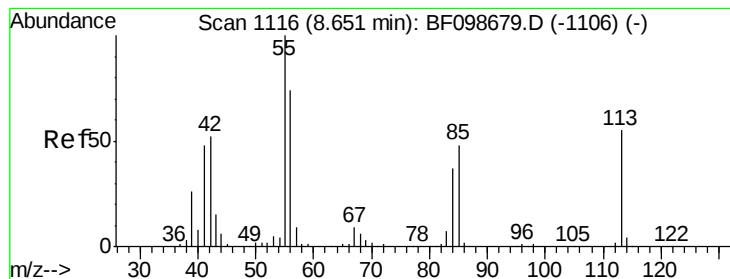
#34
Hexachlorobutadiene
Concen: 40.42 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:	225	Resp:	149537
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.4	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: 24.39 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

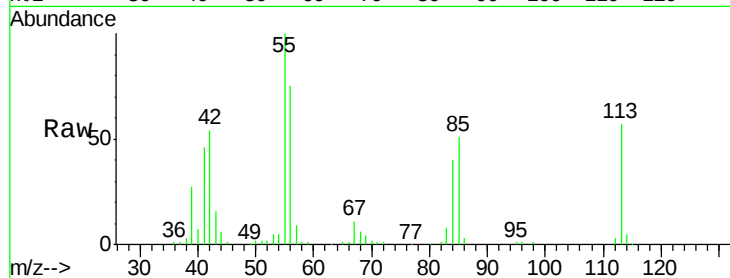
Tot Ion:113 Resp: 56176

Ion Ratio Lower Upper

113 100

55 175.4 163.3 203.3

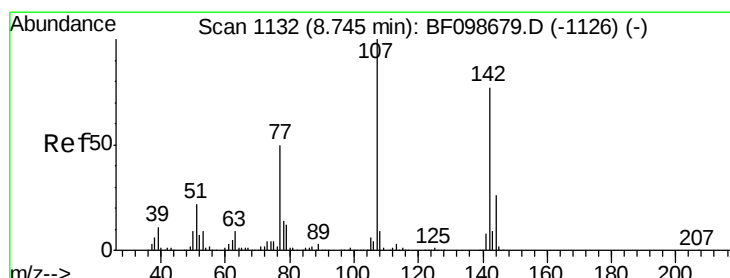
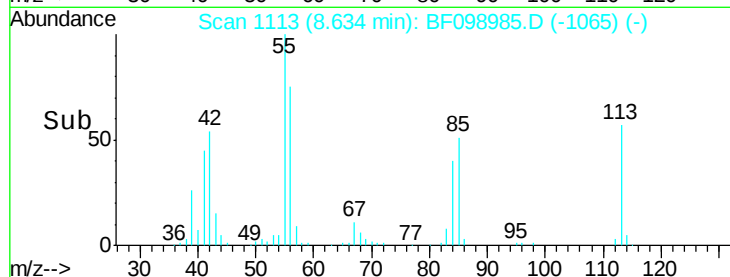
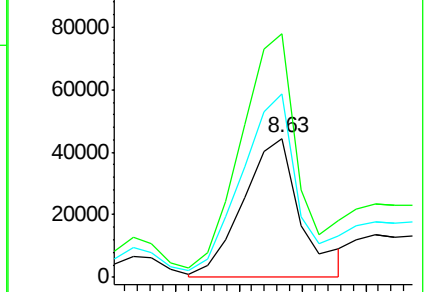
56 131.8 115.7 155.7



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: 39.80 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

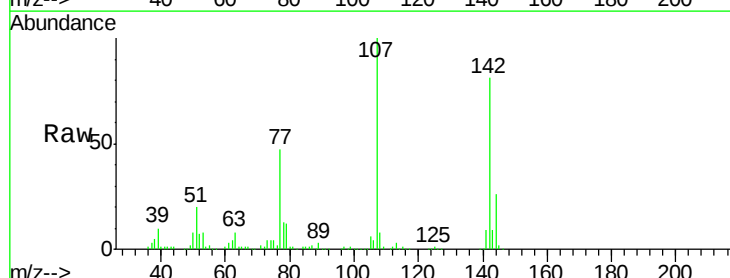
Tgt Ion:107 Resp: 321270

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

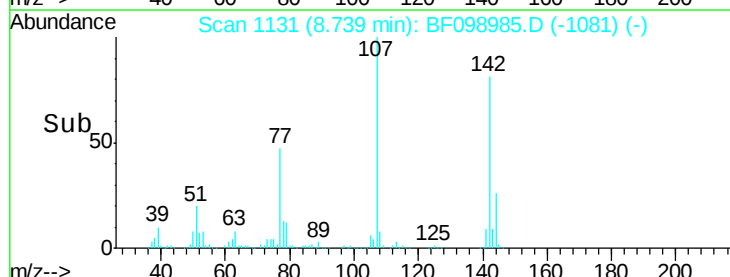
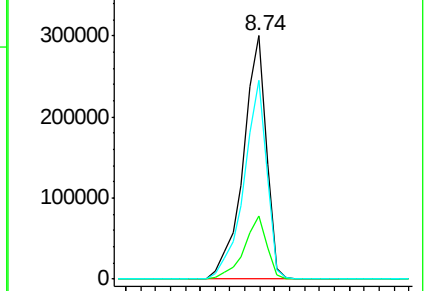
142 81.5 62.0 93.0

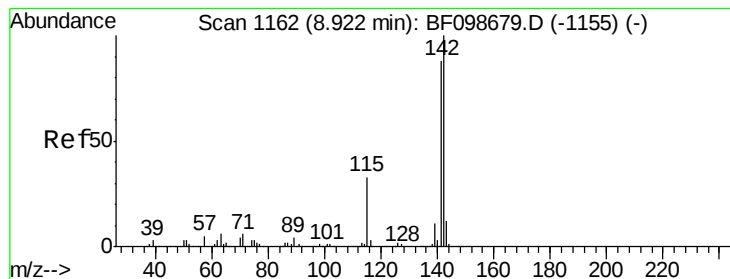


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.87 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

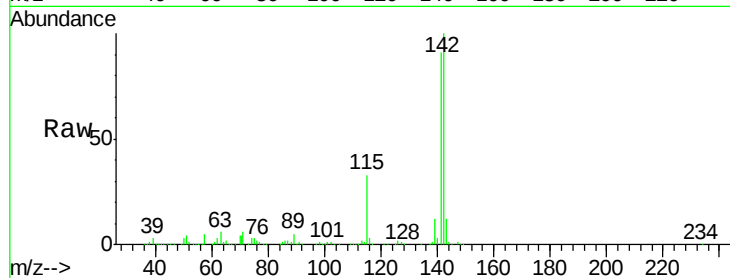
Tot Ion:142 Resp: 697528

Ion Ratio Lower Upper

142 100

141 91.1 70.8 106.2

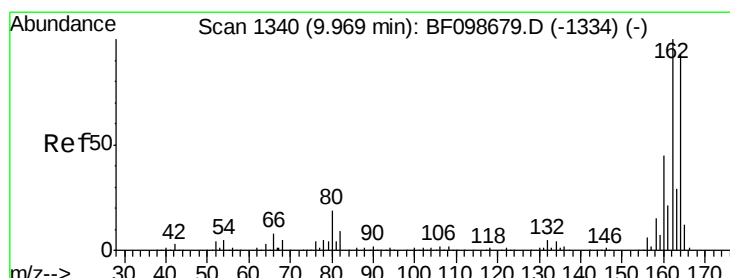
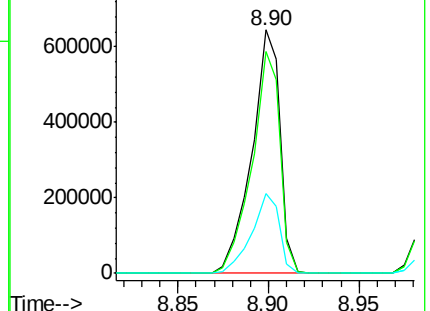
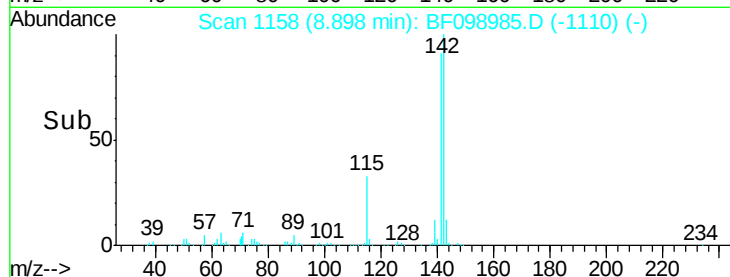
115 33.0 26.1 39.1



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: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

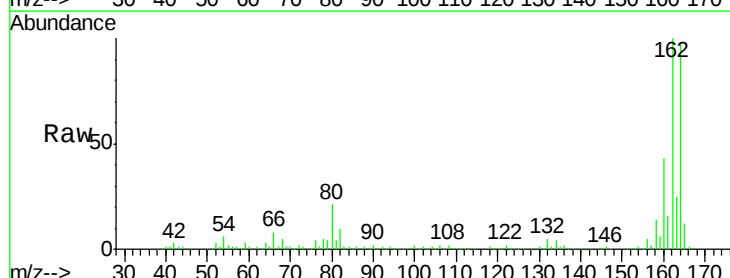
Tgt Ion:164 Resp: 236879

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

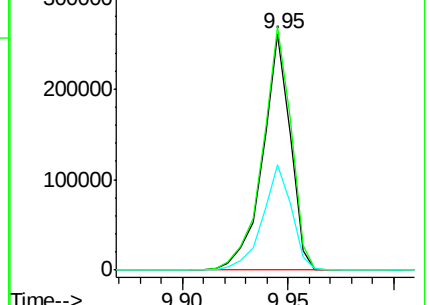
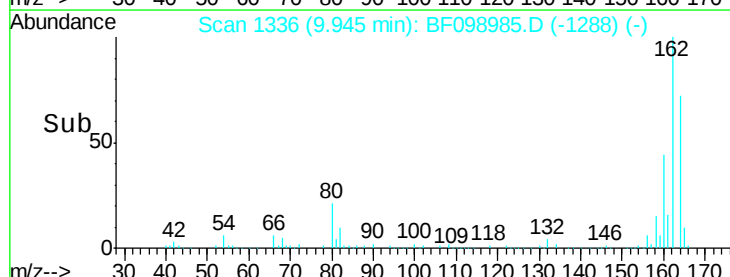
160 44.4 38.3 57.5

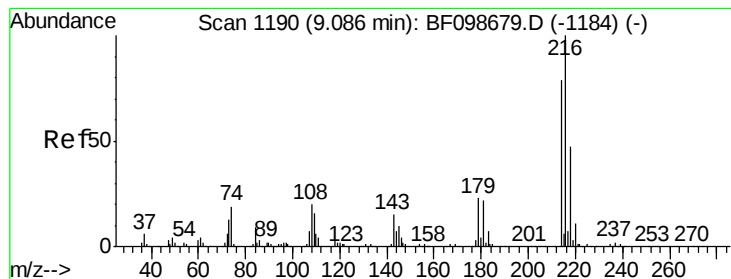


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.89 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

Tot Ion:216 Resp: 267702

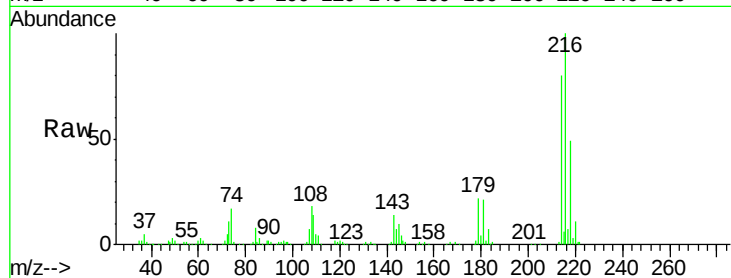
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.7 18.1 27.1

108 23.8 17.2 25.8

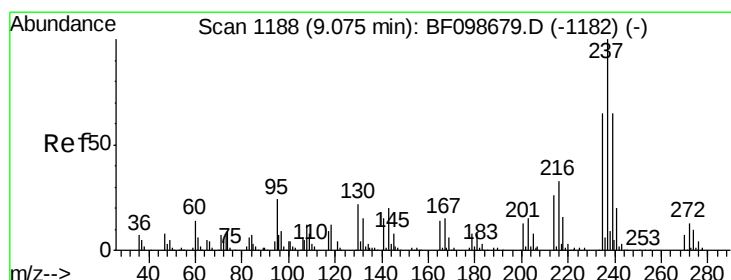
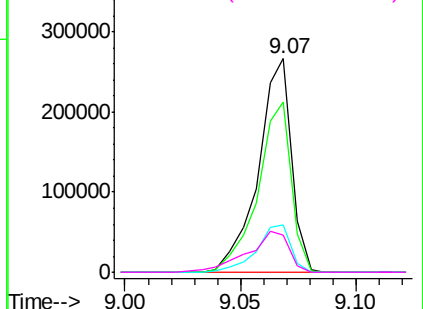
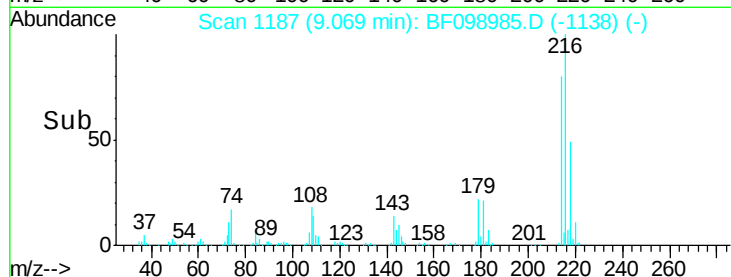


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.36 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

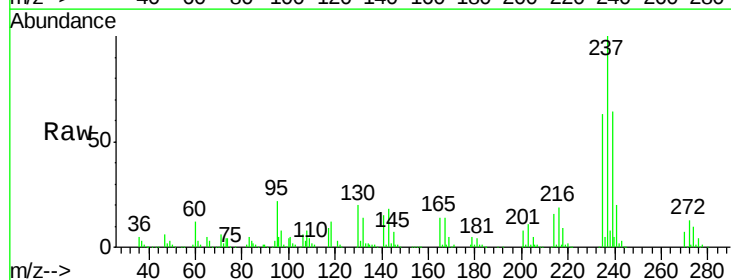
Tgt Ion:237 Resp: 291728

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

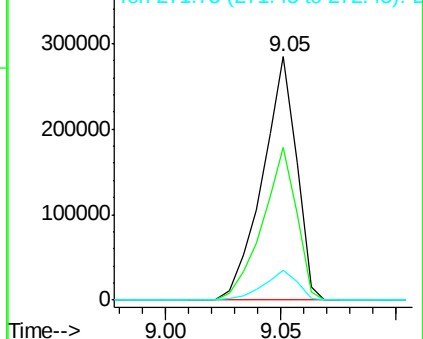
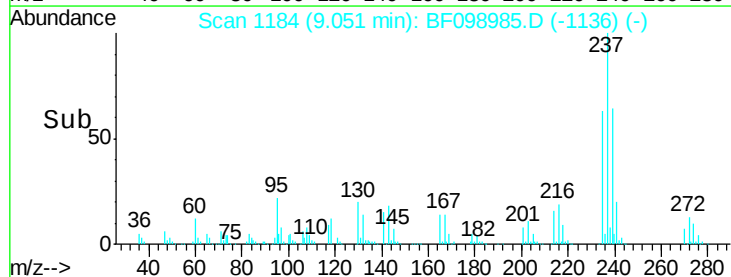
272 12.5 0.0 33.3

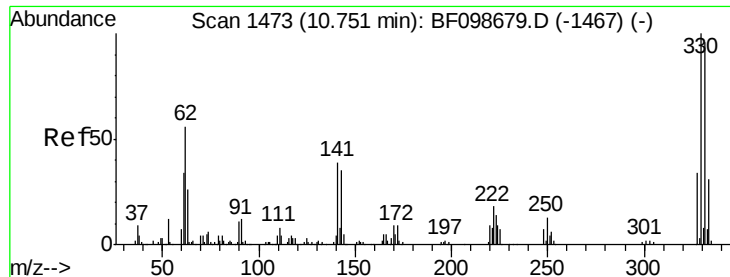


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

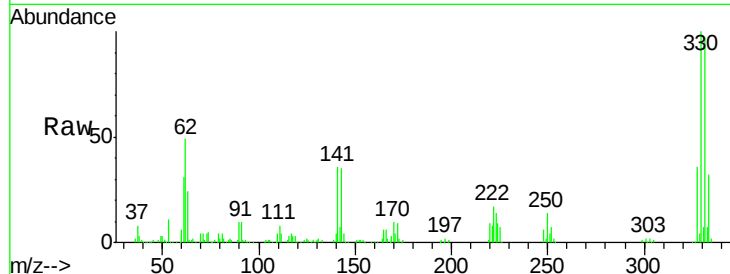




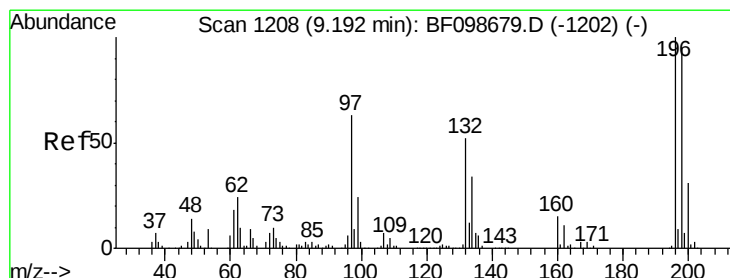
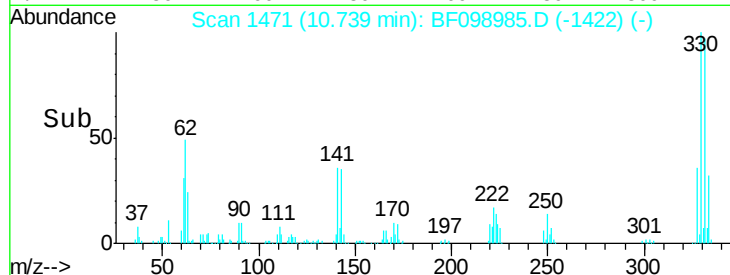
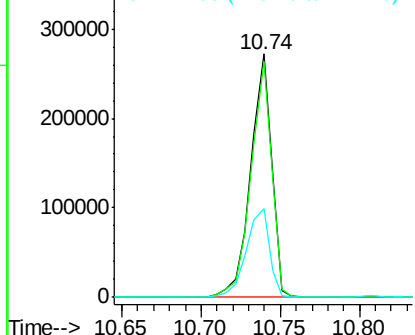
#41
 2,4,6-Tribromophenol
 Concen: 128.59 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.4	29.9	44.9

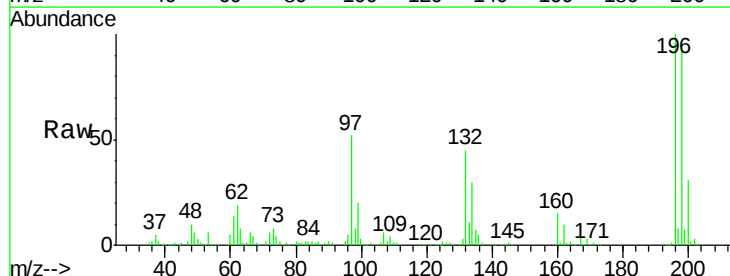


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

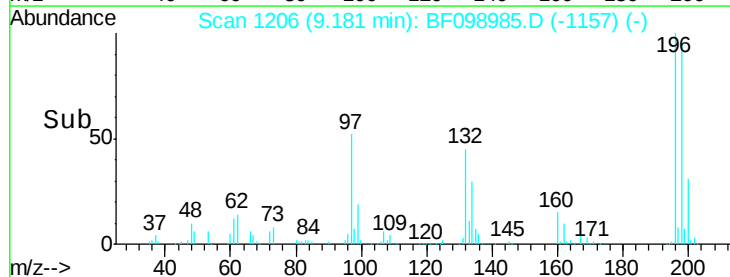
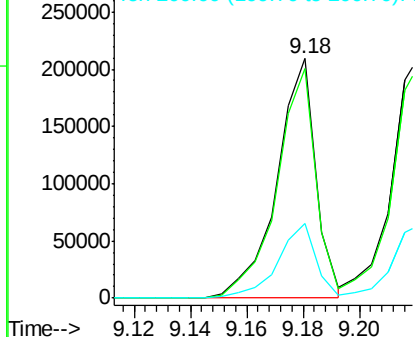


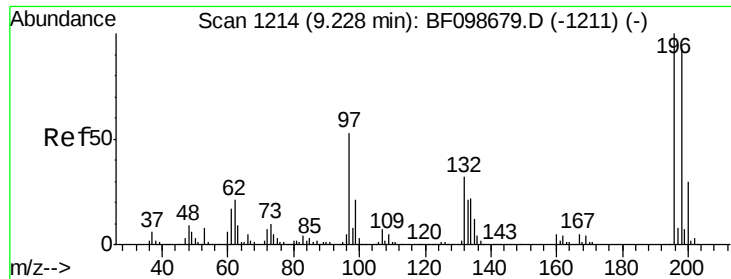
#42
 2,4,6-Trichlorophenol
 Concen: 40.10 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.2	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

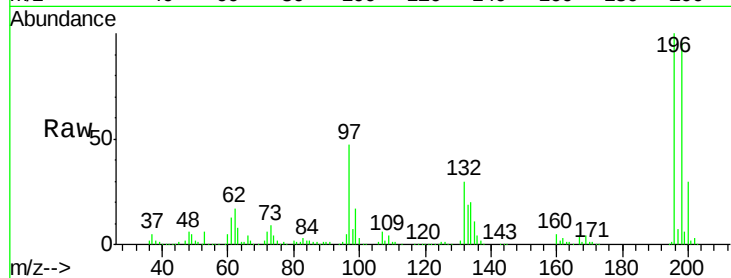




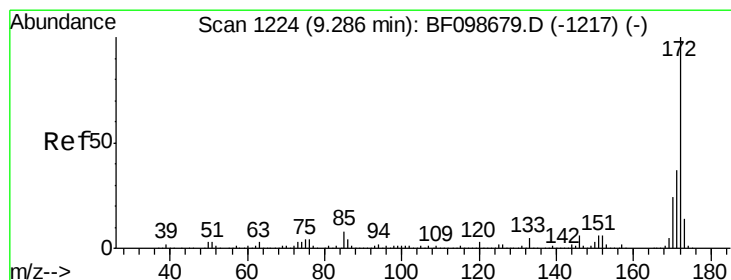
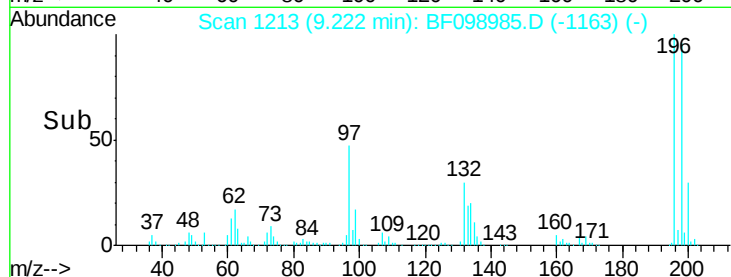
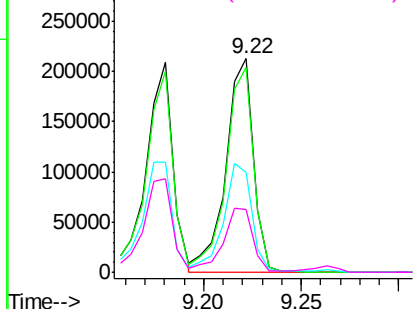
#43
 2,4,5-Trichlorophenol
 Concen: 41.84 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion:196	Resp:	209028
Ion Ratio	Lower	Upper
196	100	
198	96.0	74.6 112.0
97	46.7	42.9 64.3
132	29.6	26.3 39.5

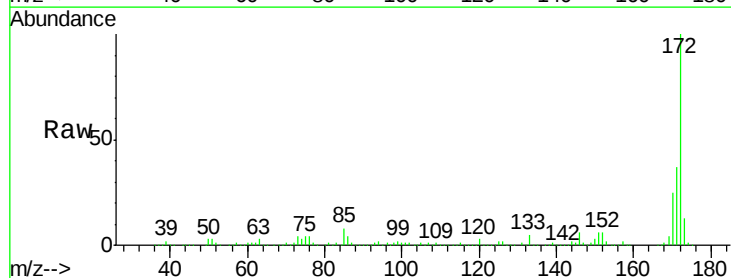


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

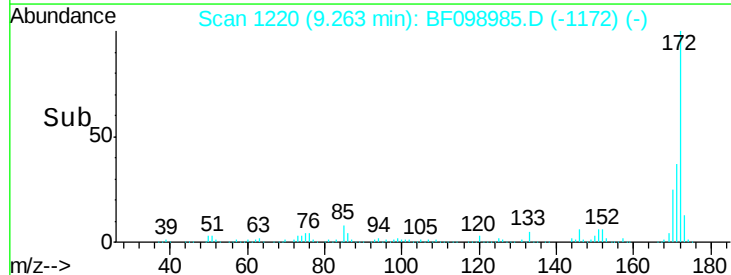
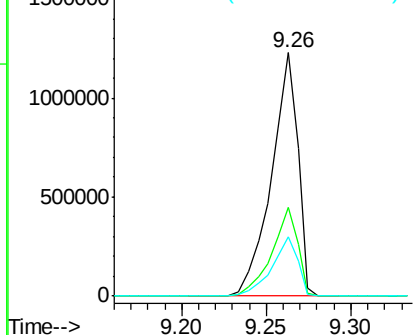


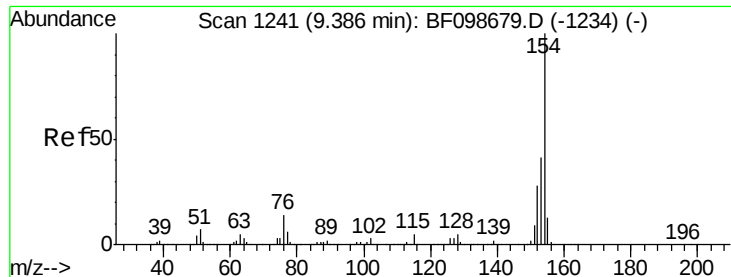
#44
 2-Fluorobiphenyl
 Concen: 93.37 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:172	Resp:	1324867
Ion Ratio	Lower	Upper
172	100	
171	36.5	29.7 44.5
170	24.6	19.6 29.4



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

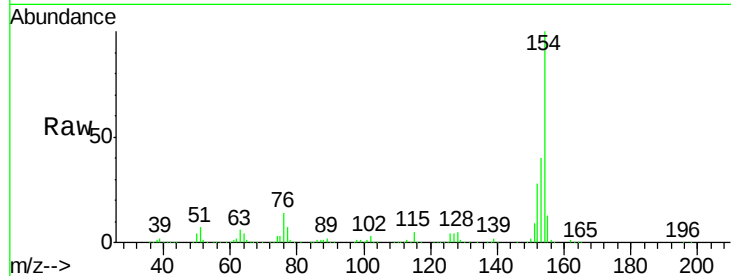




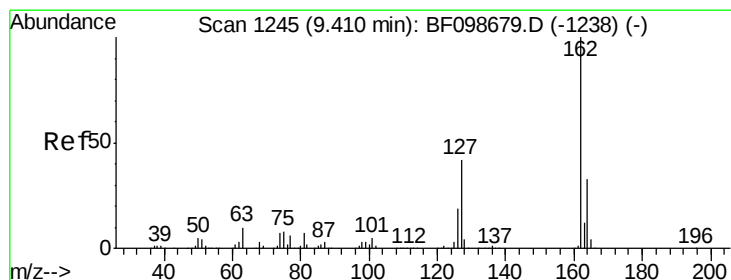
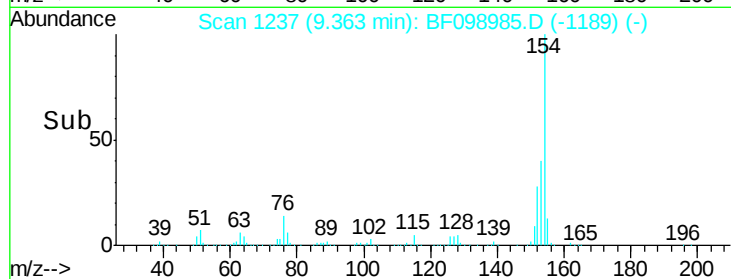
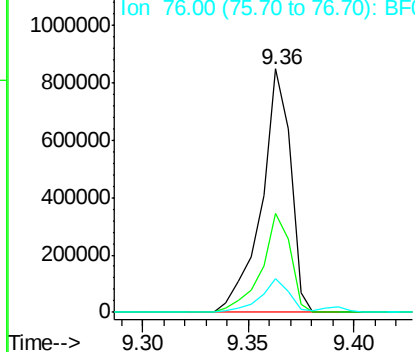
#45
 1,1'-Biphenyl
 Concen: 39.91 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion:154 Resp: 812470
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 13.7 0.0 34.0

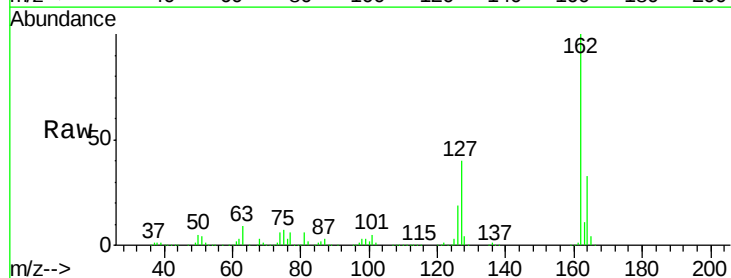


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

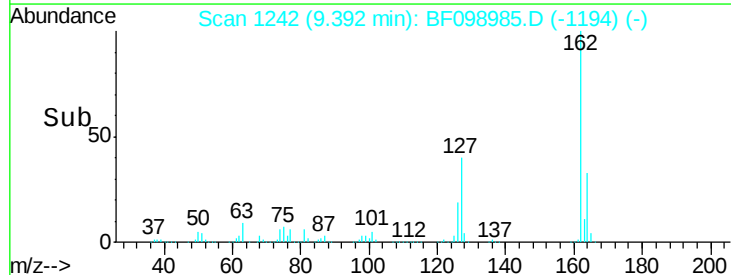
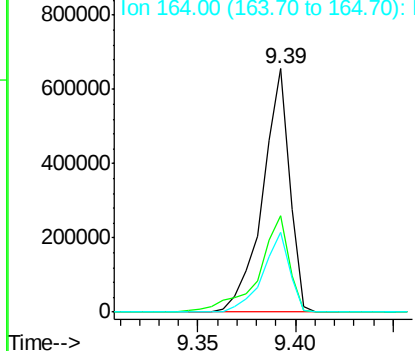


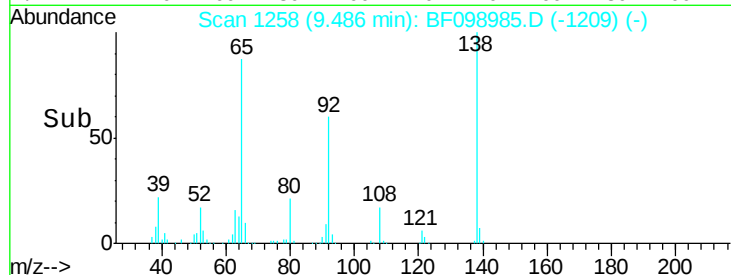
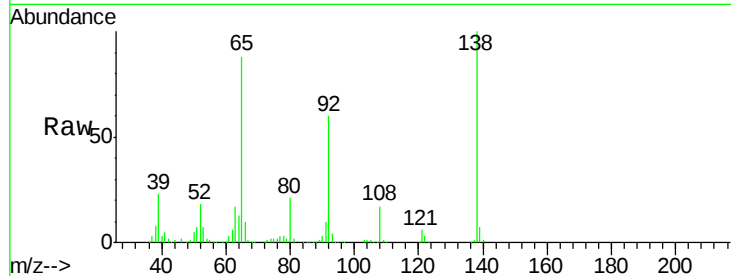
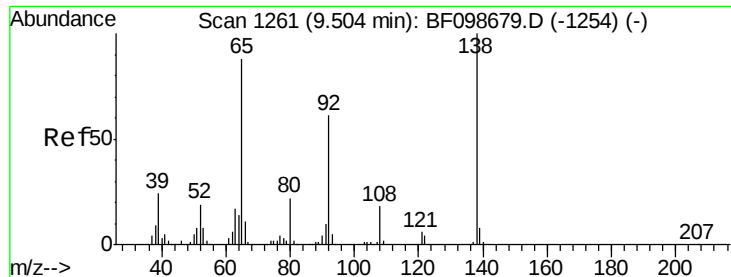
#46
 2-Chloronaphthalene
 Concen: 41.16 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:162 Resp: 629171
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.9 50.9
 164 32.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

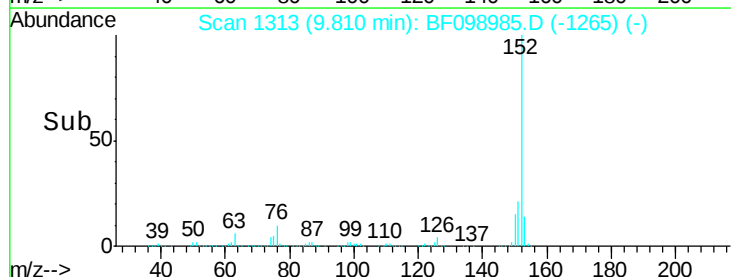
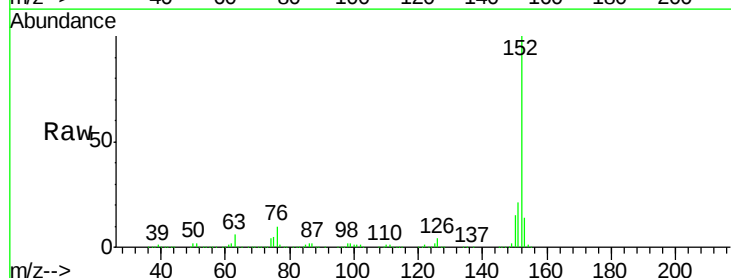
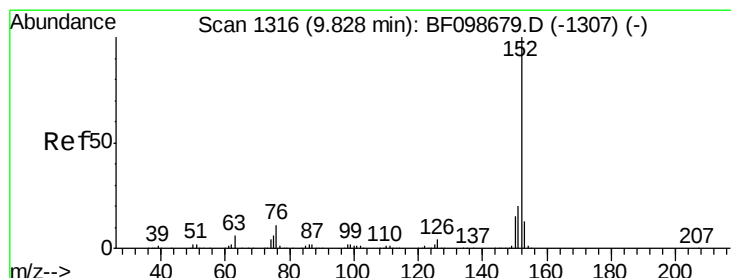
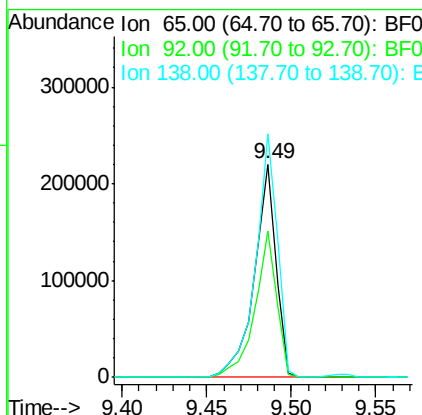




#47
2-Nitroaniline
Concen: 42.77 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

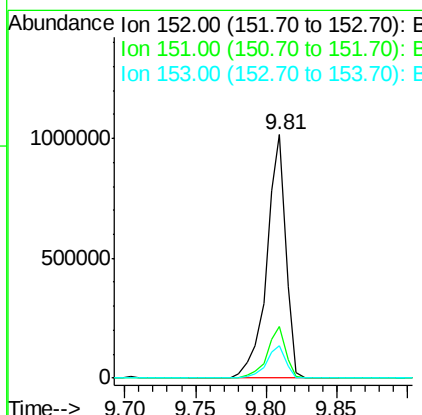
Instrument :
BNA_F
ClientSampleId :
PB102778BS

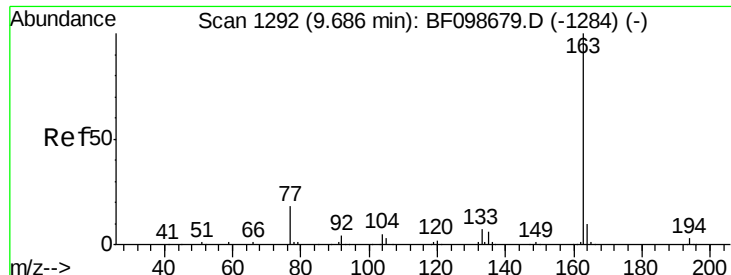
Tot Ion	65	Resp	200190
Ion Ratio	Lower	Upper	
65	100		
92	69.0	55.8	83.6
138	114.3	91.2	136.8



#48
Acenaphthylene
Concen: 41.25 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion	152	Resp	965323
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1

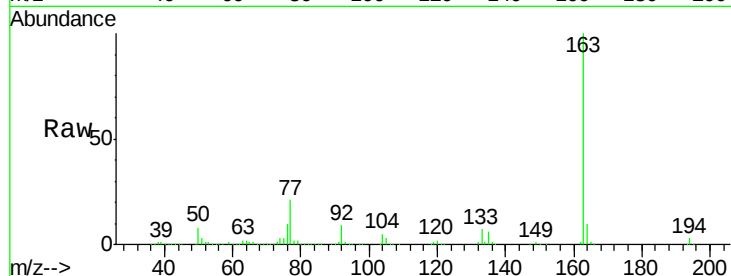




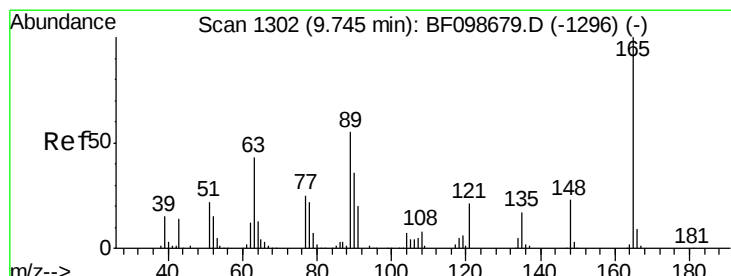
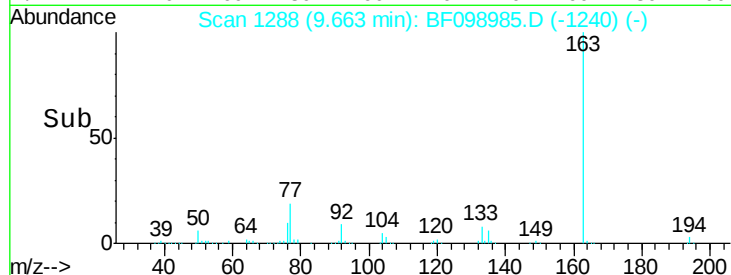
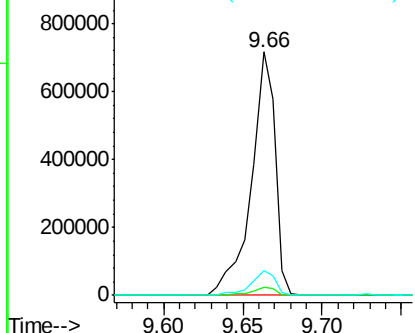
#49
Dimethylphthalate
Concen: 41.81 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:163 Resp: 747519
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

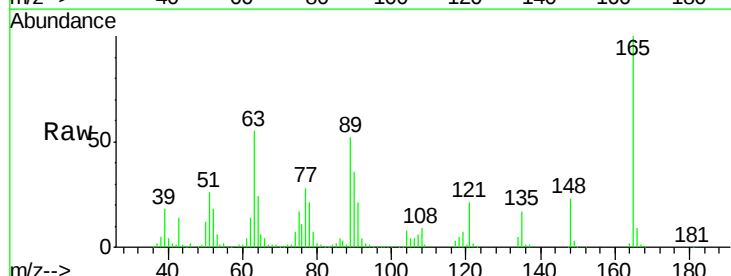


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

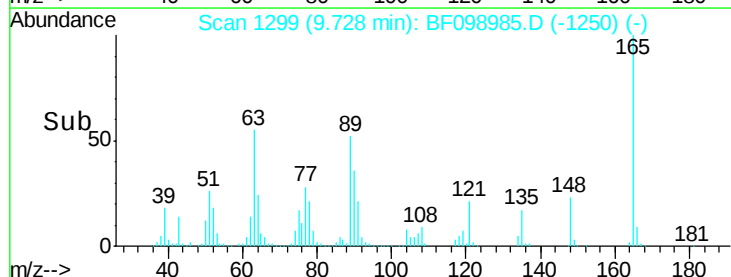
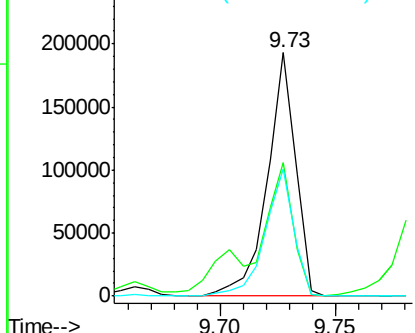


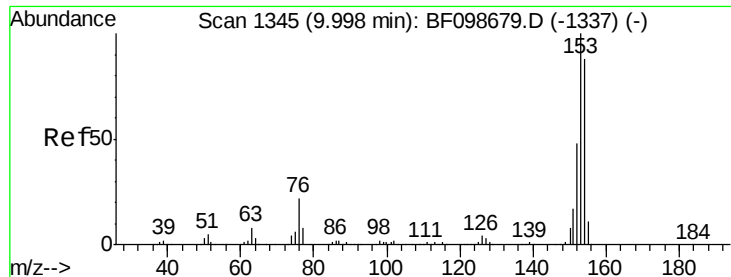
#50
2,6-Dinitrotoluene
Concen: 42.19 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:165 Resp: 164207
Ion Ratio Lower Upper
165 100
63 55.1 44.7 67.1
89 52.0 44.0 66.0



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





#51

Acenaphthene

Concen: 39.82 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

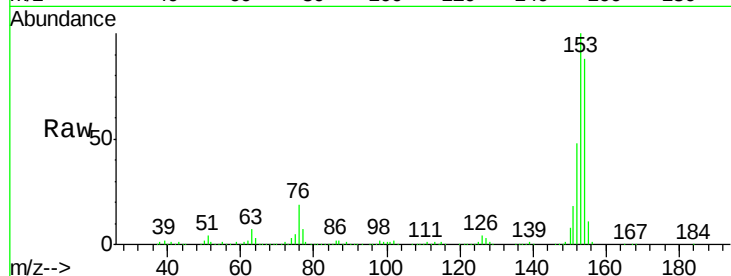
Tot Ion:154 Resp: 590232

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

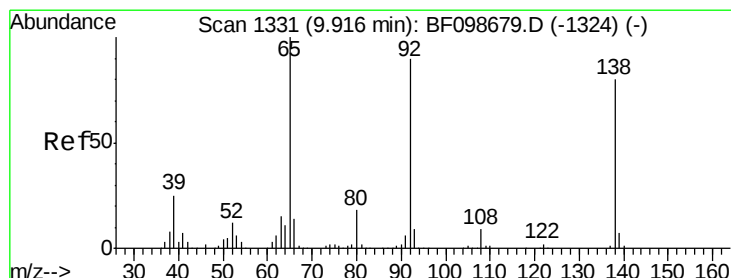
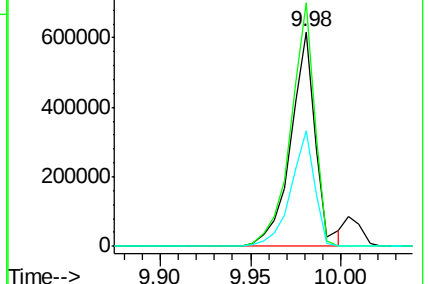
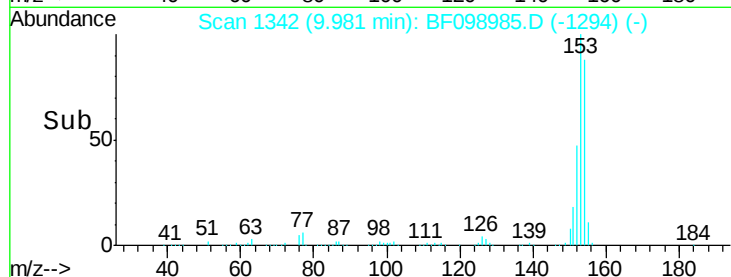
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.81 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

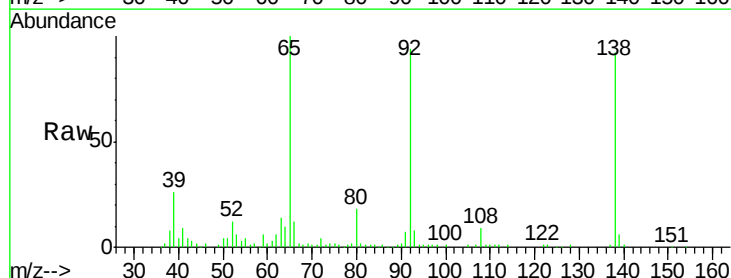
Tgt Ion:138 Resp: 94456

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

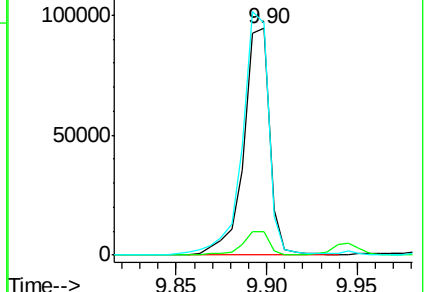
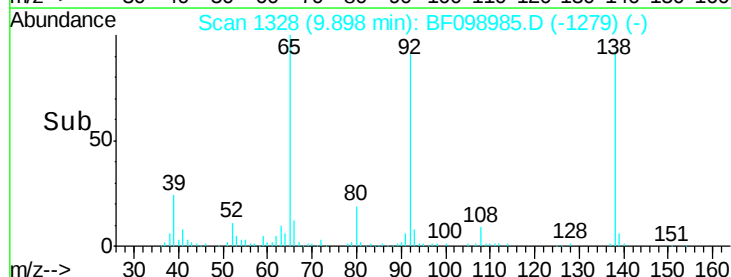
92 102.4 89.4 134.2

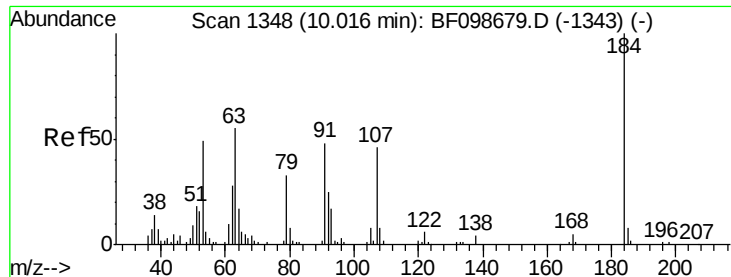


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

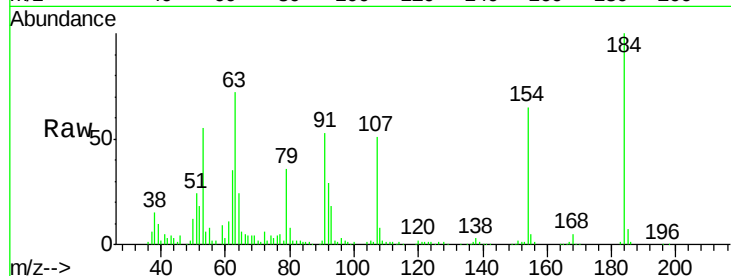




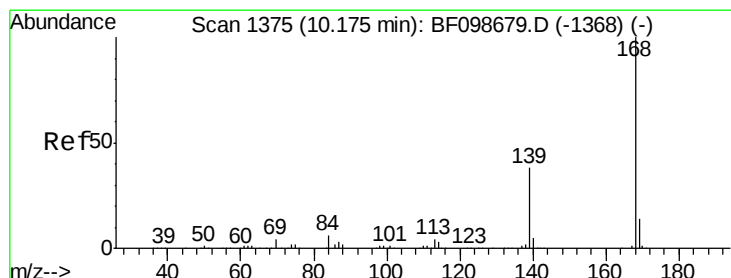
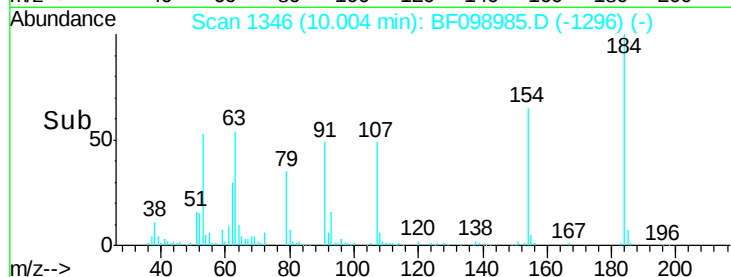
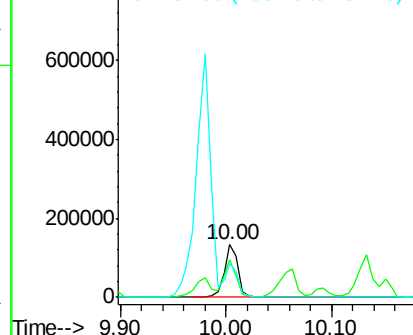
#53
2,4-Dinitrophenol
Concen: 63.53 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:184 Resp: 126117
Ion Ratio Lower Upper
184 100
63 71.7 54.2 81.2
154 65.1 53.5 80.3

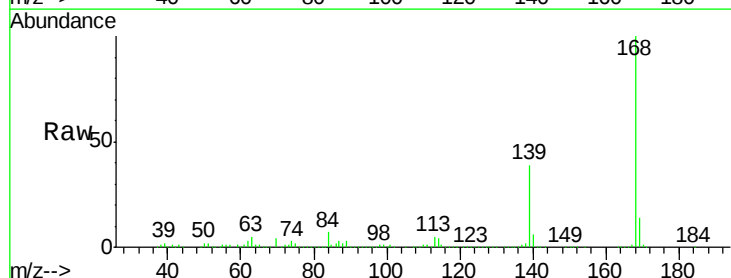


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

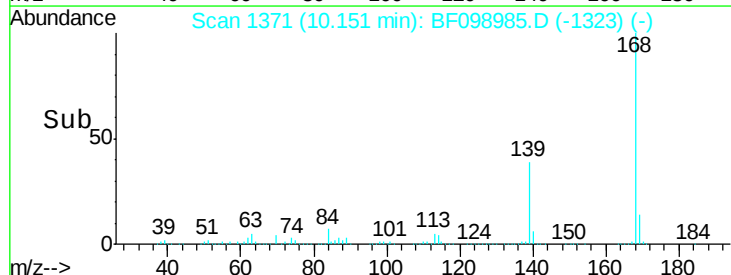
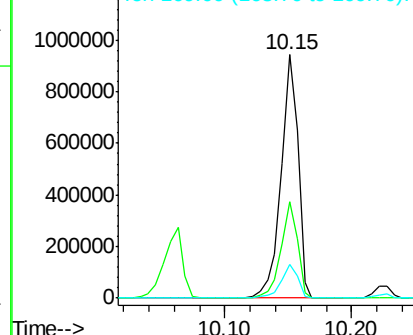


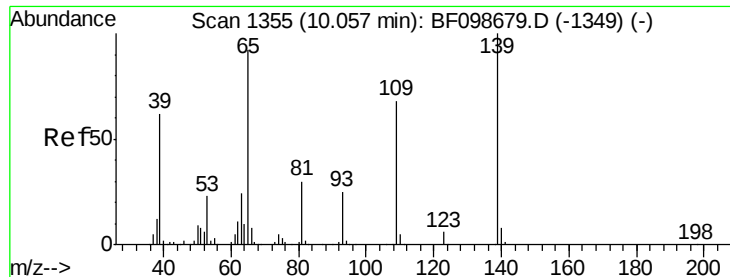
#54
Dibenzofuran
Concen: 43.90 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:168 Resp: 866440
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.7 10.9 16.3



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

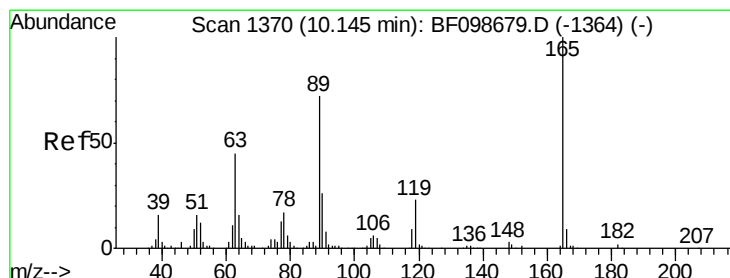
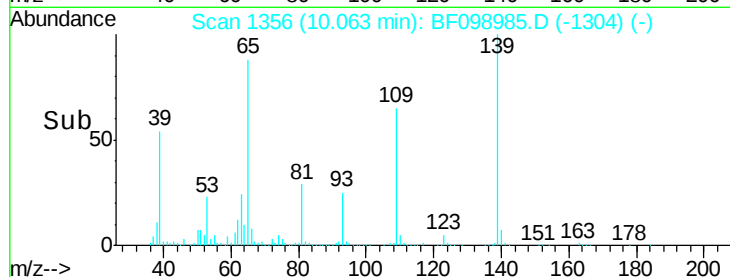
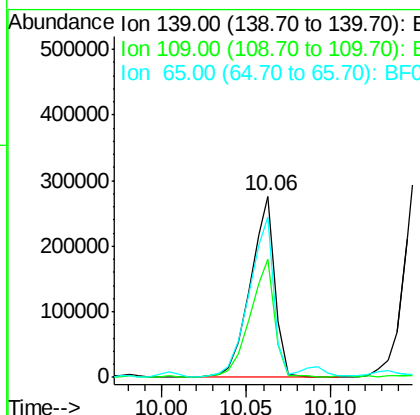
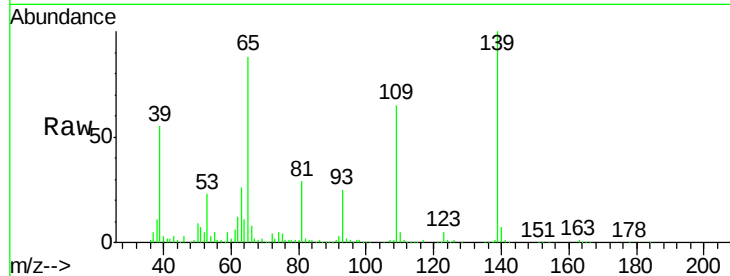




#55
4-Nitrophenol
Concen: 72.96 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

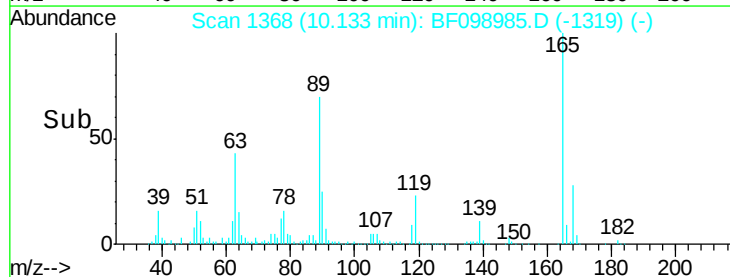
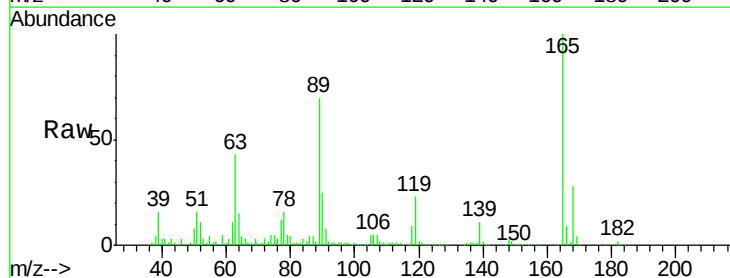
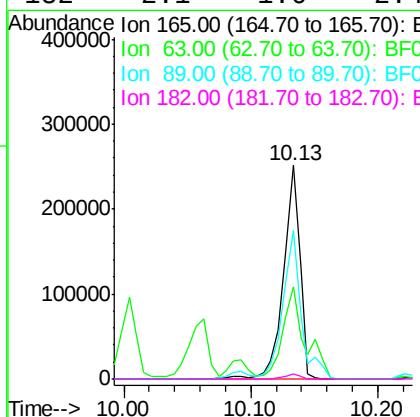
Instrument :
BNA_F
ClientSampleId :
PB102778BS

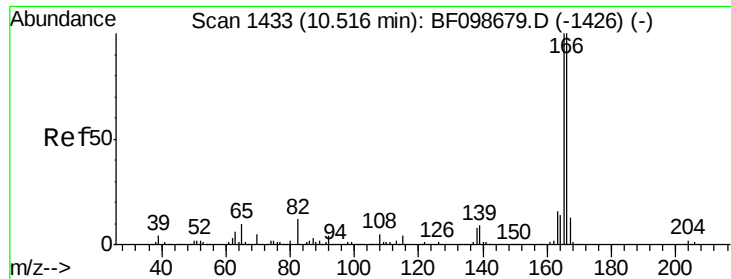
Tot Ion:139 Resp: 279972
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 88.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.61 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:165 Resp: 225323
Ion Ratio Lower Upper
165 100
63 43.5 36.4 54.6
89 69.7 57.8 86.6
182 2.1 1.6 2.4

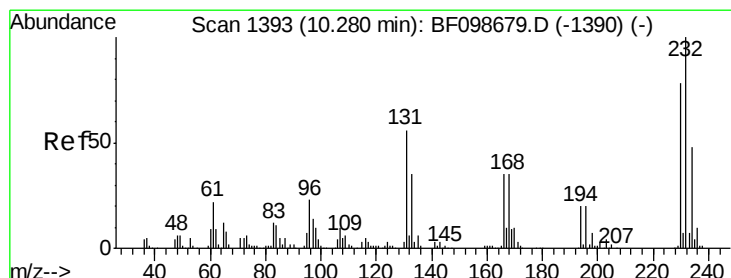
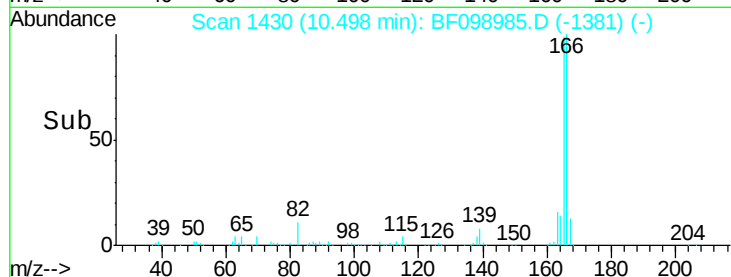
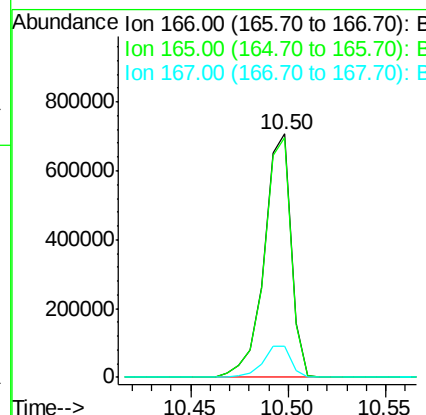
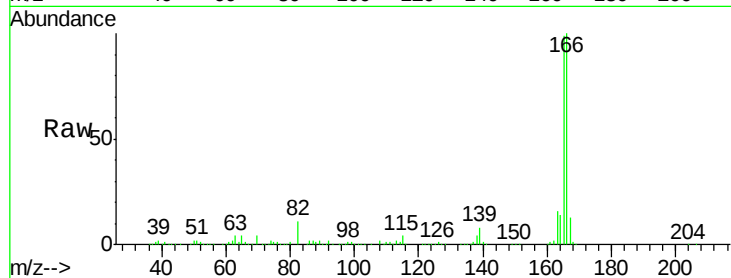




#57
 Fluorene
 Concen: 42.58 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

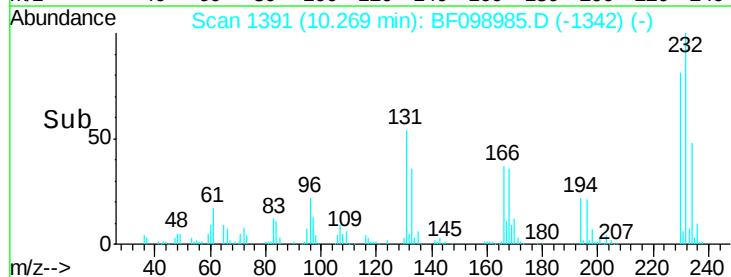
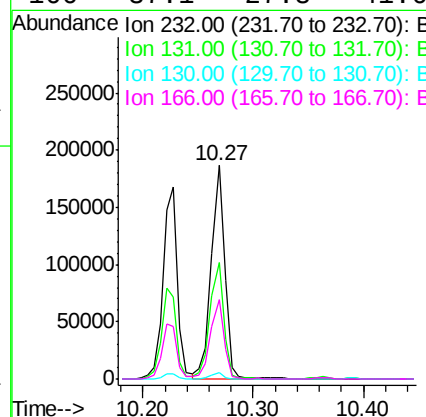
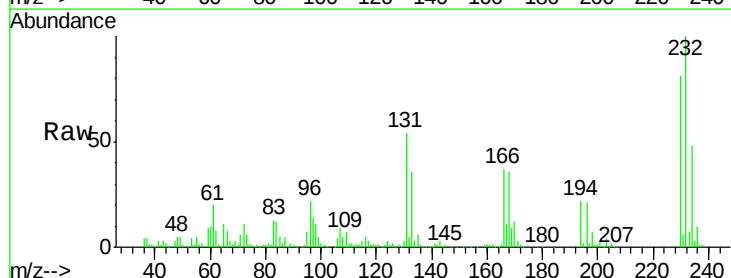
Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

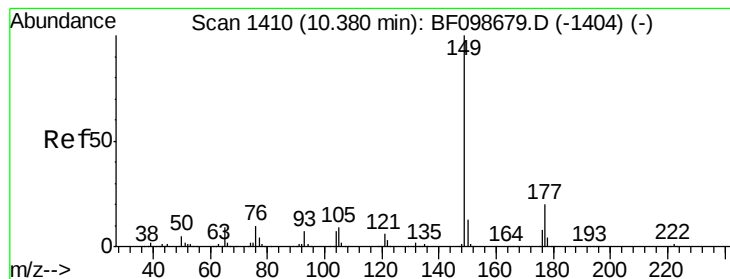
Tot Ion:166 Resp: 675366
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.04 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:232 Resp: 155436
 Ion Ratio Lower Upper
 232 100
 131 55.5 43.8 65.8
 130 2.7 2.1 3.1
 166 37.1 27.8 41.6





#59

Diethylphthalate

Concen: 42.14 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

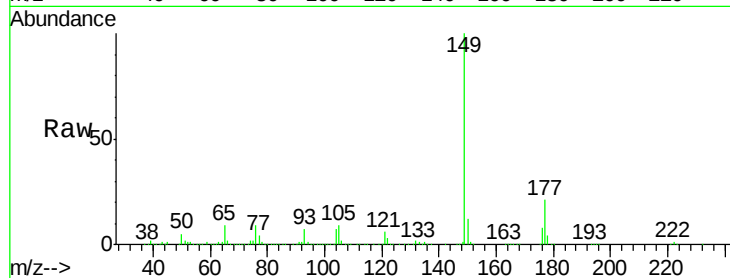
Tot Ion:149 Resp: 736160

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

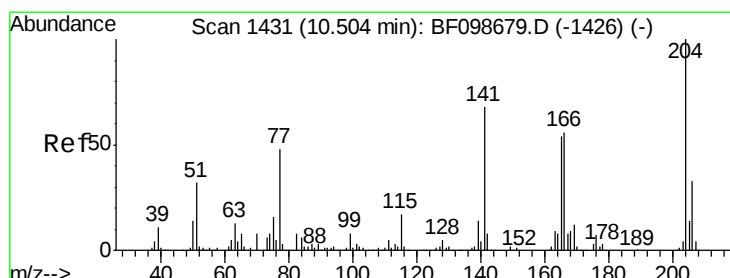
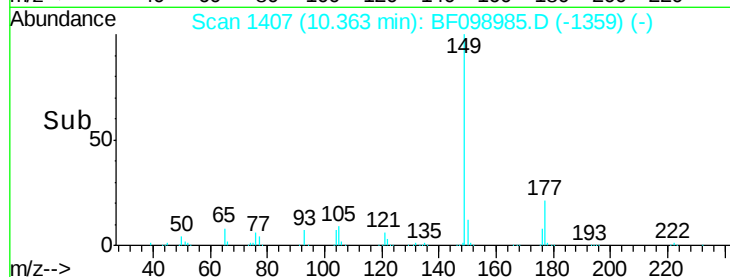
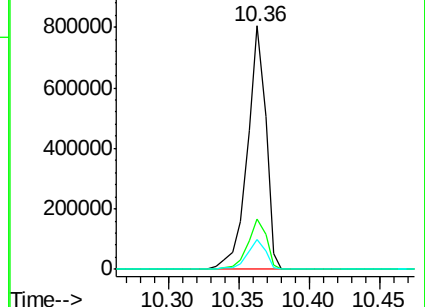
150 12.2 10.1 15.1



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: 42.87 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

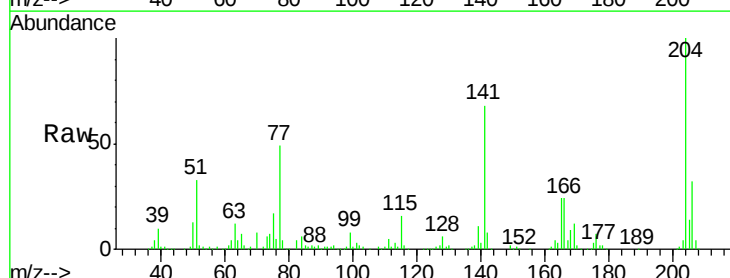
Tgt Ion:204 Resp: 305467

Ion Ratio Lower Upper

204 100

206 31.6 26.5 39.7

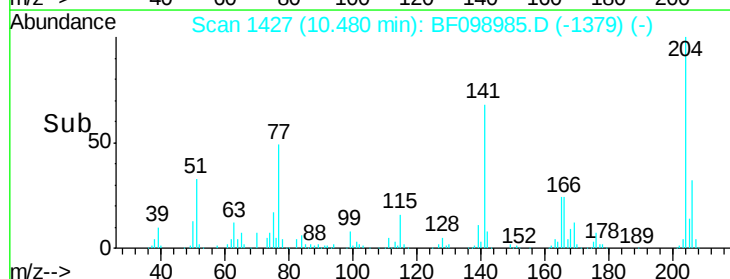
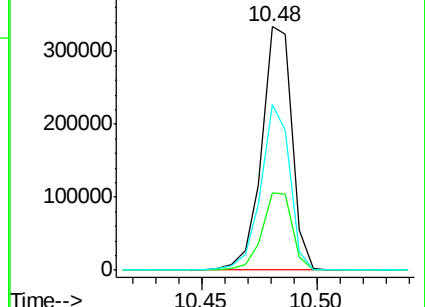
141 67.8 54.6 81.8

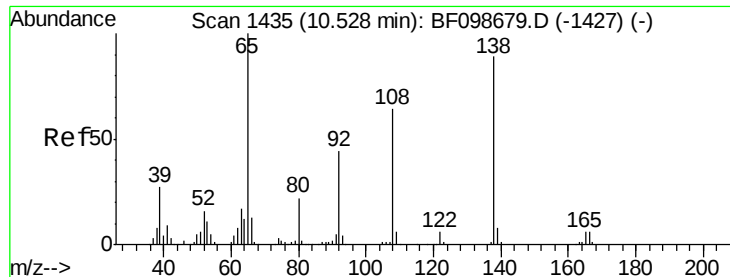


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

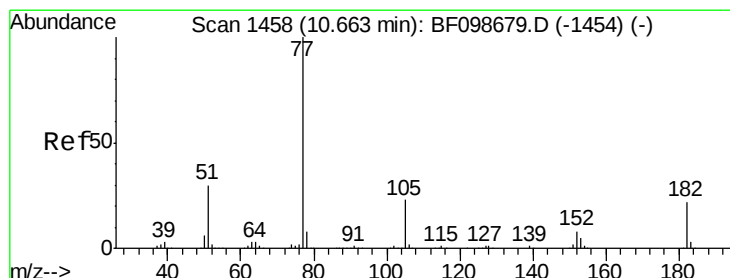
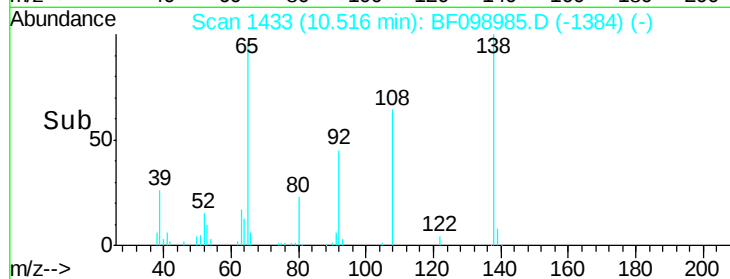
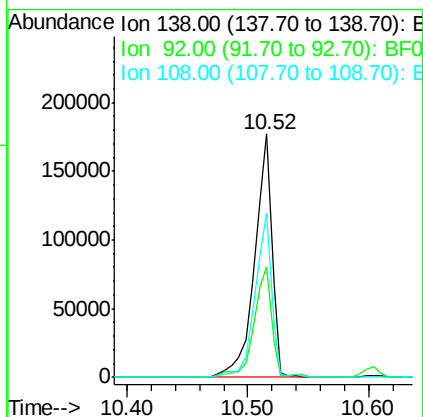
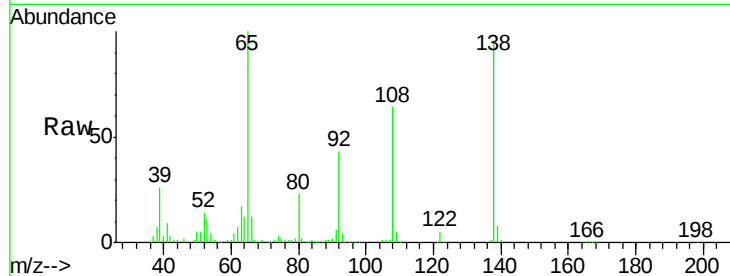




#61
4-Nitroaniline
Concen: 41.06 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

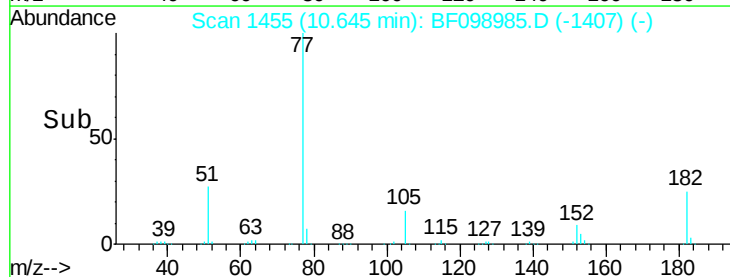
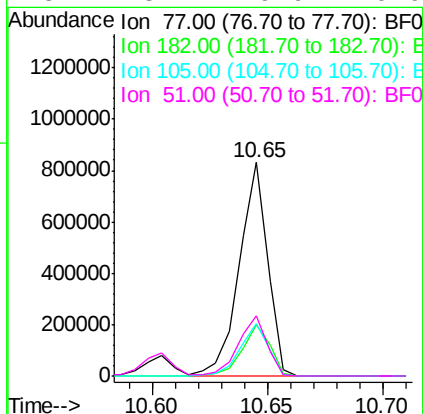
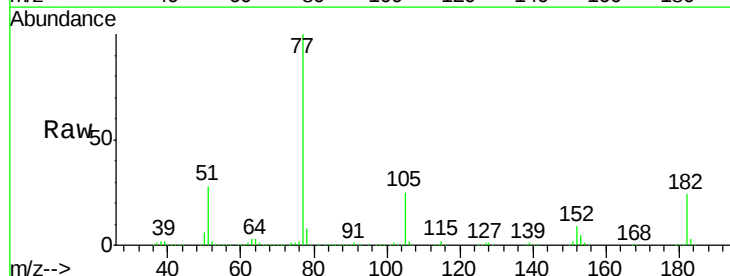
Instrument :
BNA_F
ClientSampleId :
PB102778BS

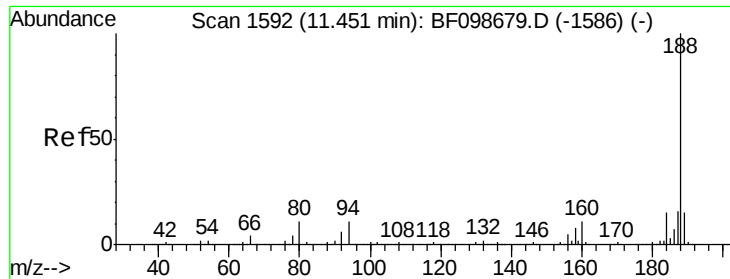
Tot Ion:138 Resp: 179777
Ion Ratio Lower Upper
138 100
92 45.5 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 44.40 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion: 77 Resp: 713144
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 24.6 3.0 43.0
51 28.1 9.9 49.9

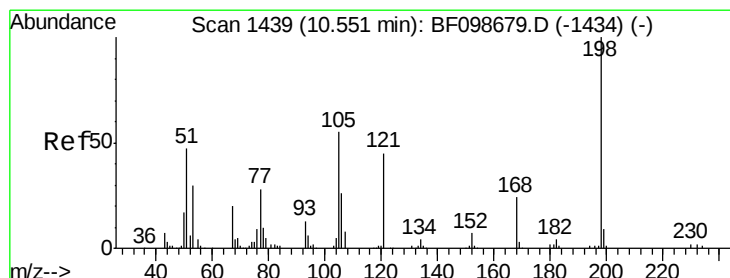
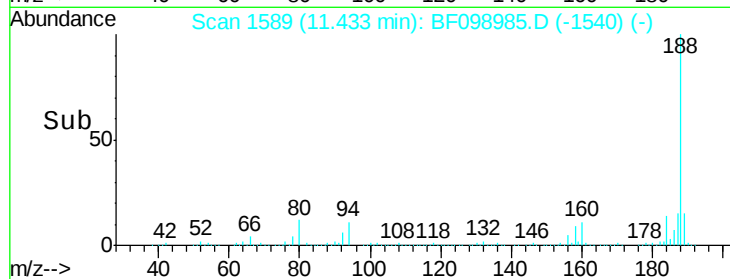
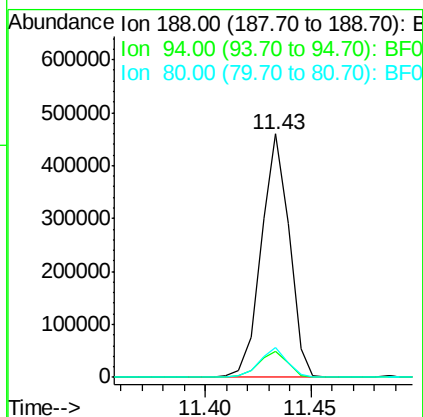
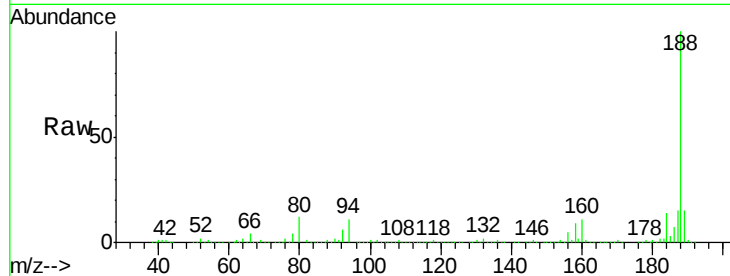




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

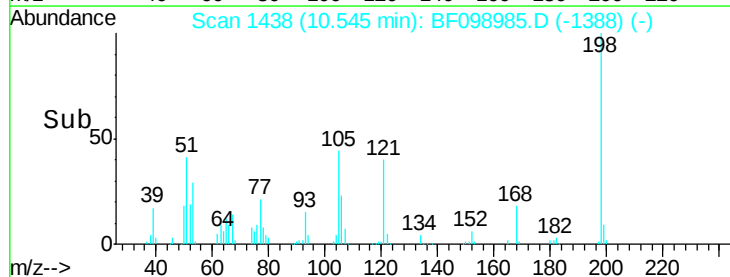
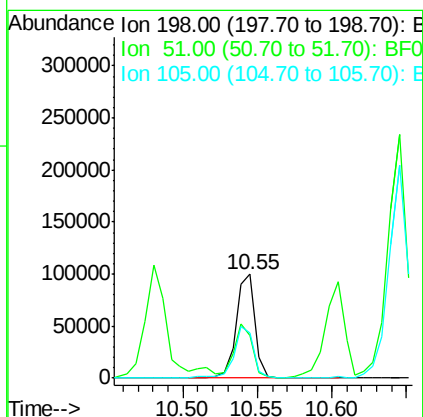
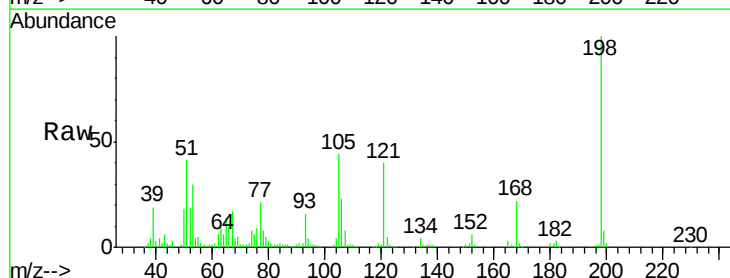
Instrument :
BNA_F
ClientSampleId :
PB102778BS

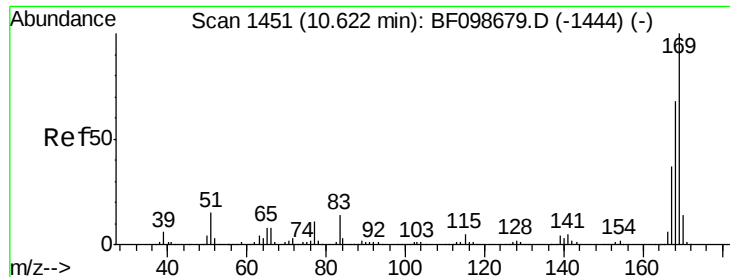
Tot Ion:188 Resp: 424555
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.19 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:198 Resp: 88319
Ion Ratio Lower Upper
198 100
51 41.1 37.7 77.7
105 43.7 36.3 76.3

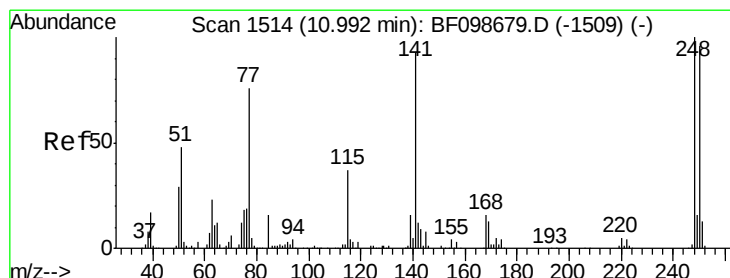
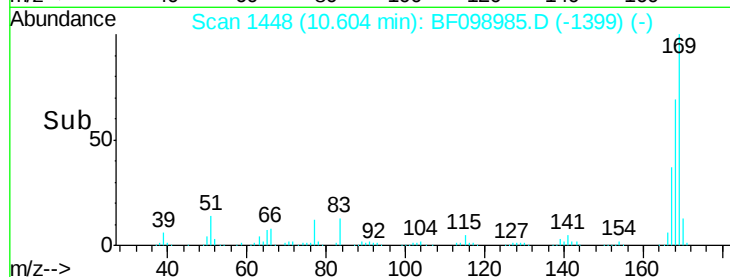
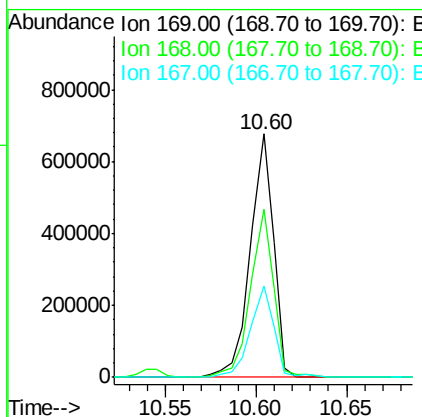
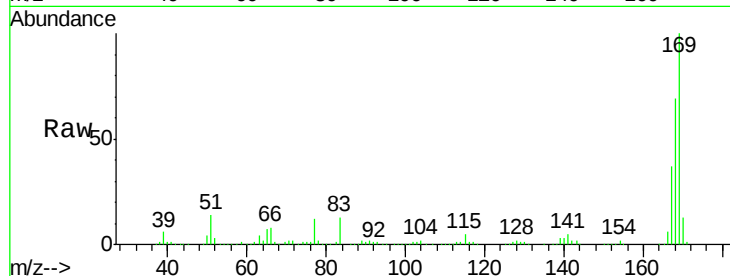




#65
 n-Nitrosodiphenylamine
 Concen: 41.07 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

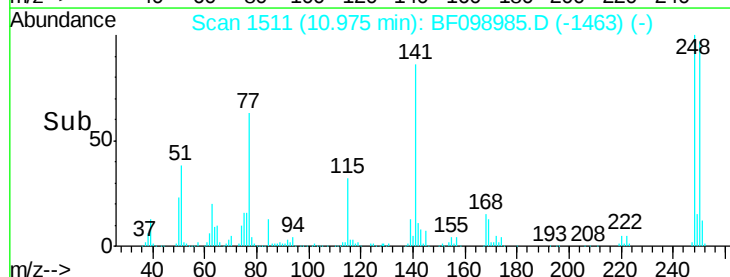
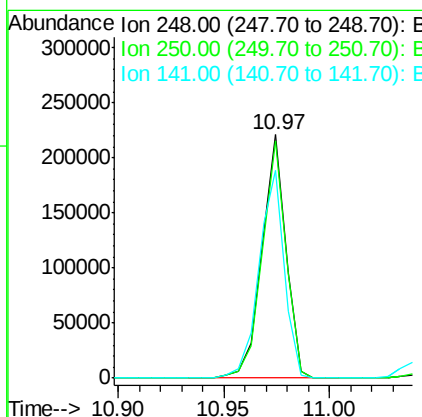
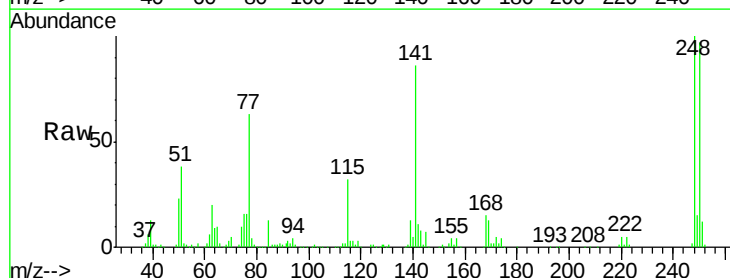
Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

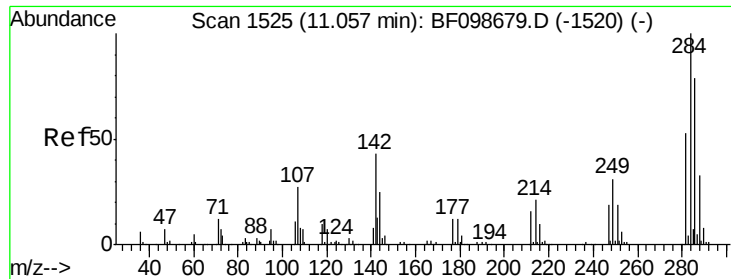
Tot Ion:169 Resp: 604037
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.37 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:248 Resp: 176066
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 85.6 74.4 111.6





#67

Hexachlorobenzene

Concen: 39.17 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

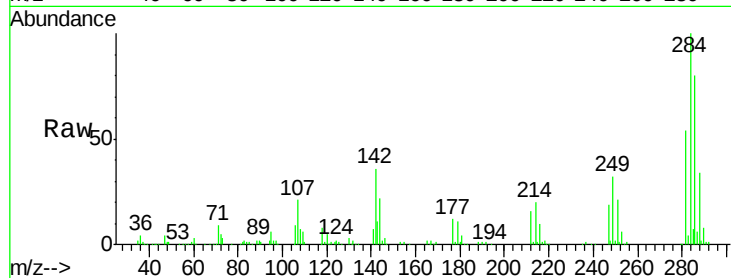
Tot Ion:284 Resp: 173871

Ion Ratio Lower Upper

284 100

142 36.3 34.6 52.0

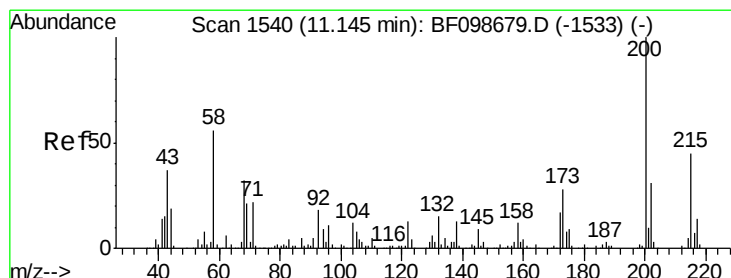
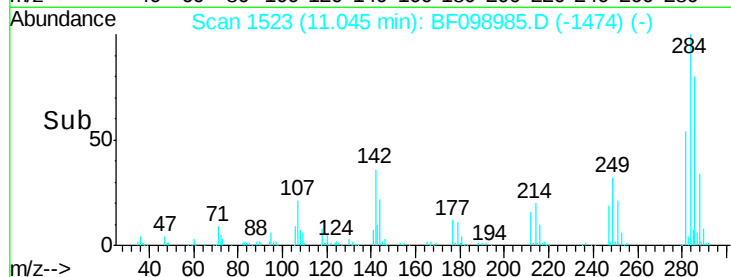
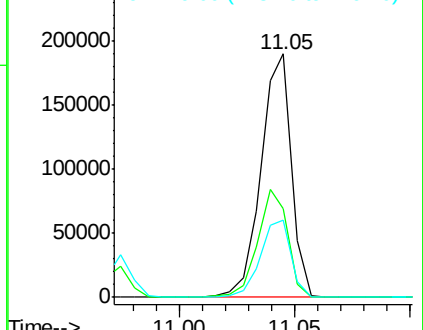
249 31.6 24.8 37.2



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: 43.47 ng

RT: 11.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

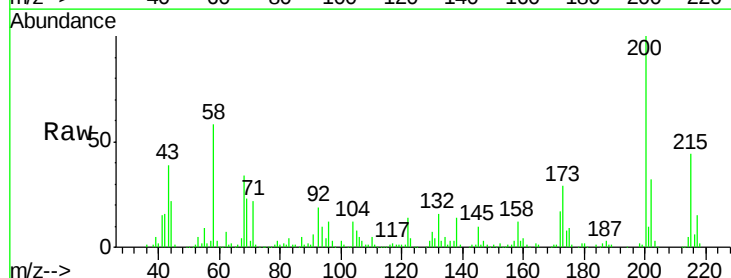
Tgt Ion:200 Resp: 192371

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

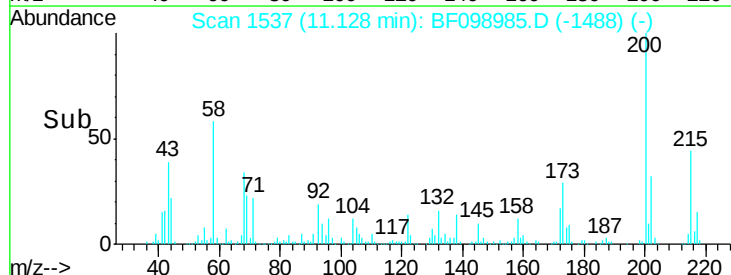
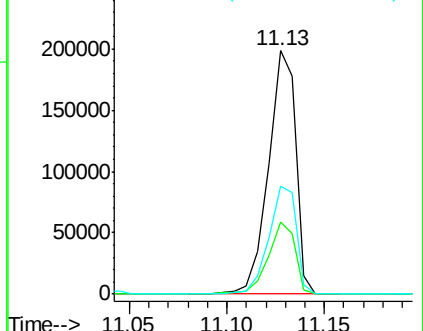
215 44.3 25.1 65.1

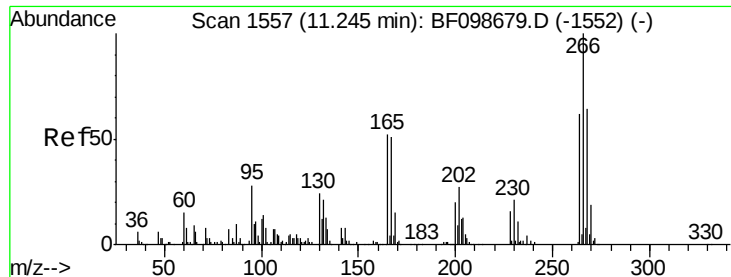


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

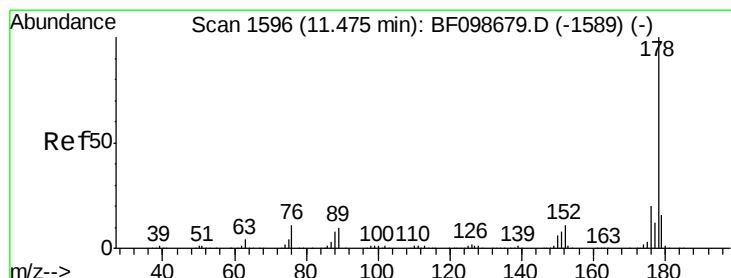
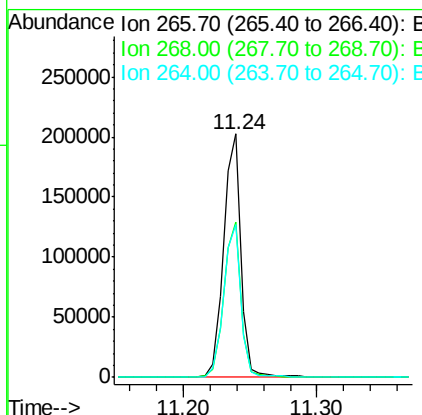
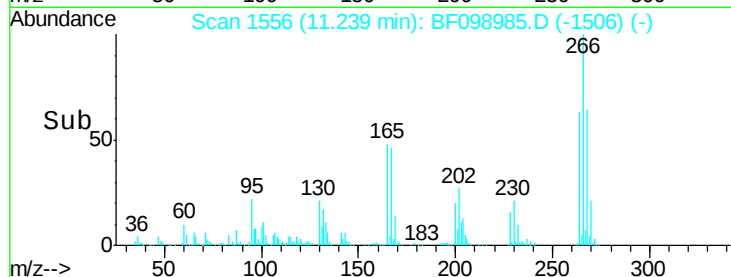
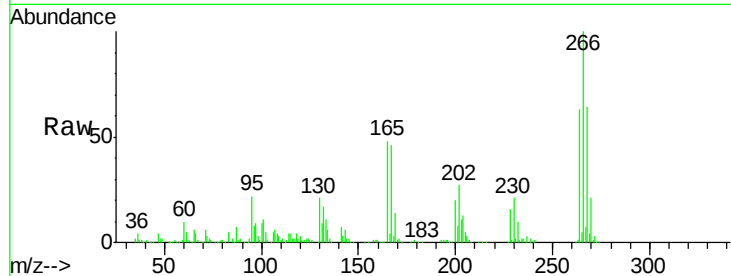




#69
 Pentachlorophenol
 Concen: 67.82 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

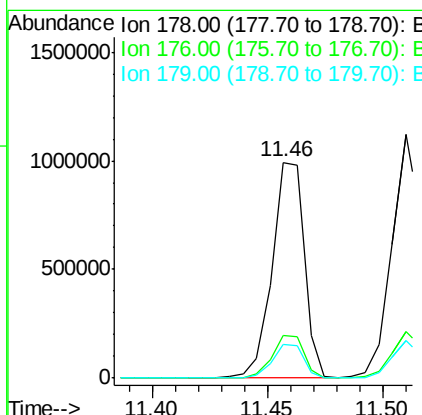
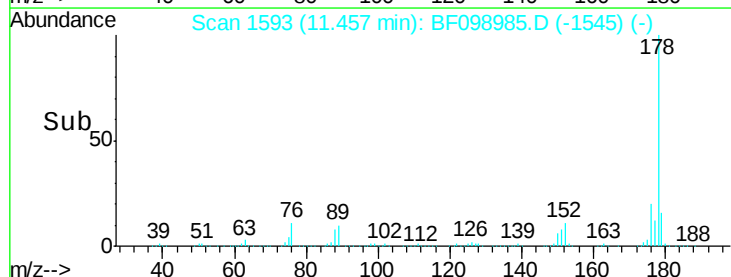
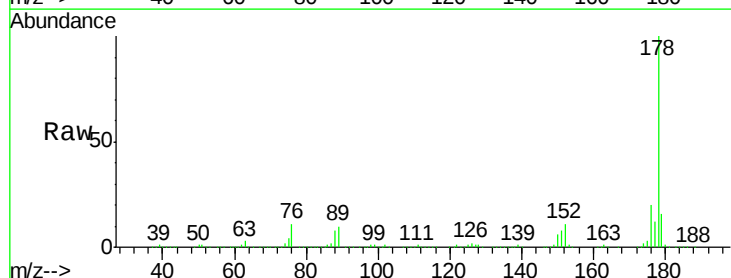
Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

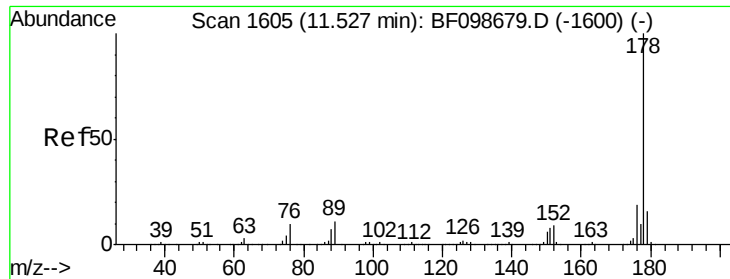
Tot Ion:266 Resp: 187354
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 42.29 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:178 Resp: 961079
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.5 13.0 19.6





#71

Anthracene

Concen: 42.46 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

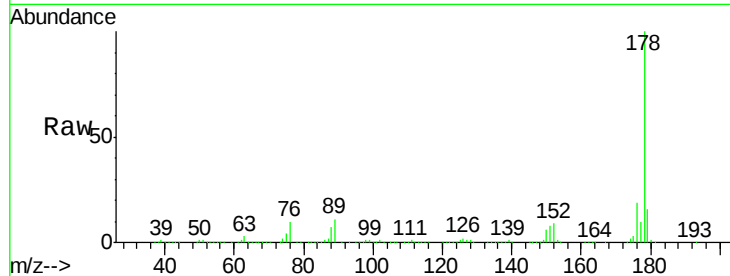
Tot Ion:178 Resp: 987185

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

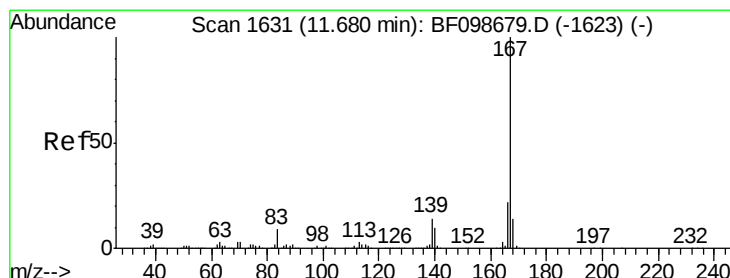
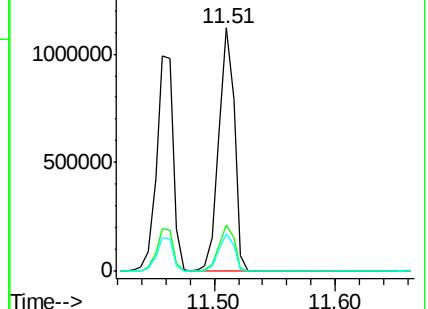
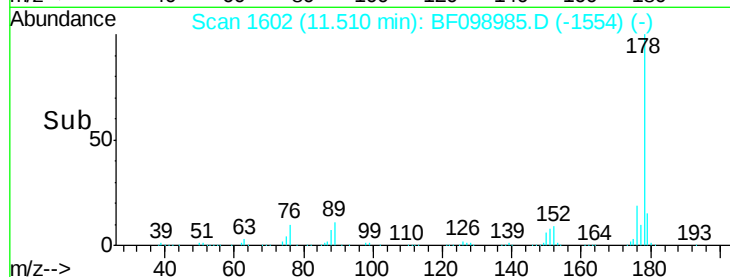
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.46 ng

RT: 11.66 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

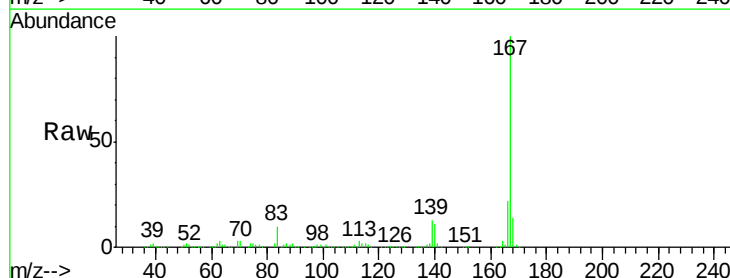
Tgt Ion:167 Resp: 921215

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

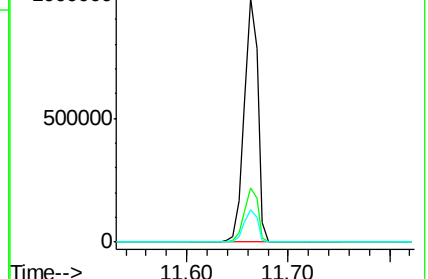
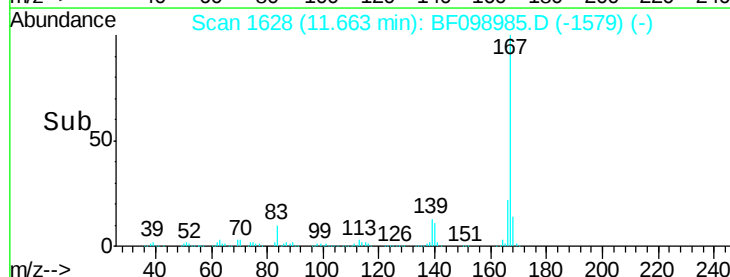
139 13.4 10.9 16.3

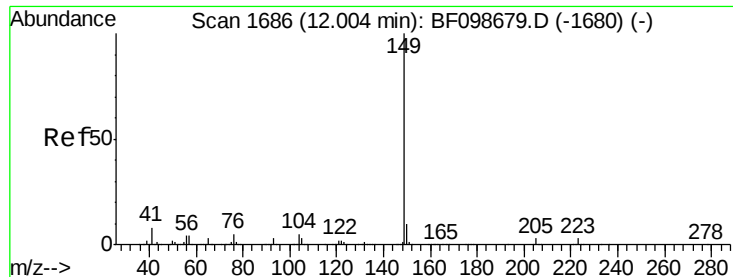


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

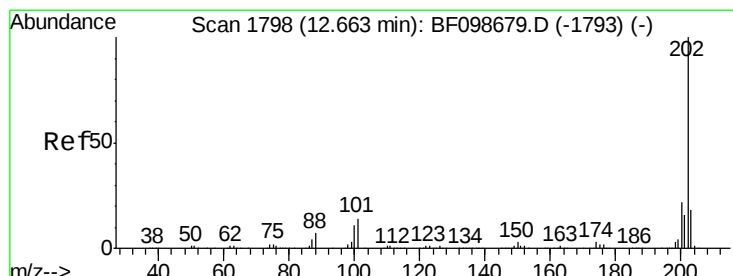
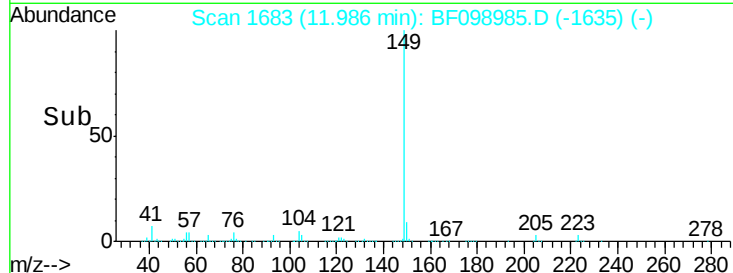
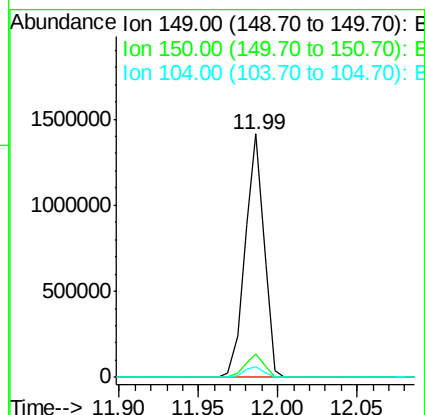
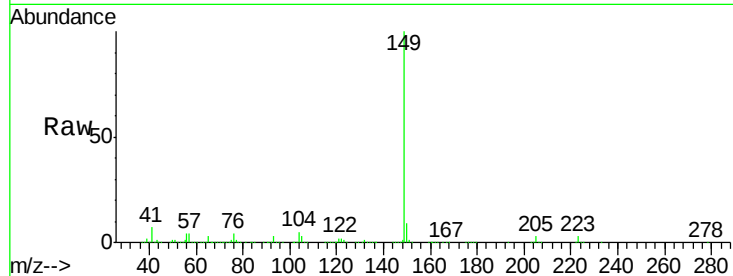




#73
Di-n-butylphthalate
Concen: 42.27 ng
RT: 11.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

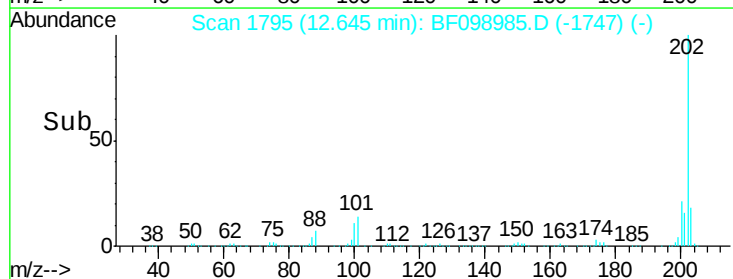
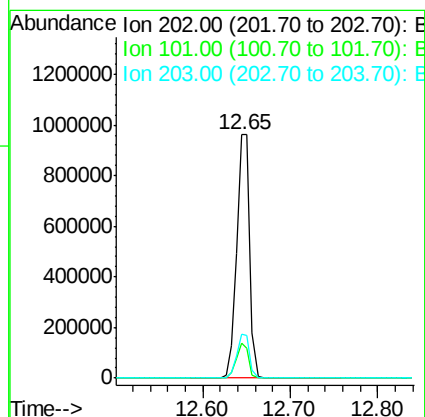
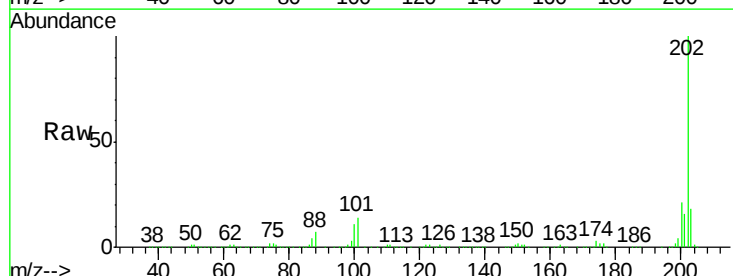
Instrument :
BNA_F
ClientSampleId :
PB102778BS

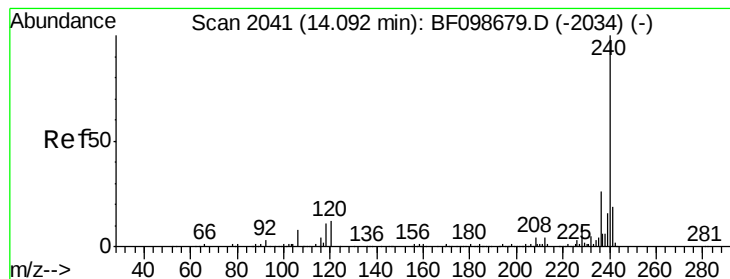
Tot Ion:149 Resp: 1158453
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 42.31 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:202 Resp: 973581
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

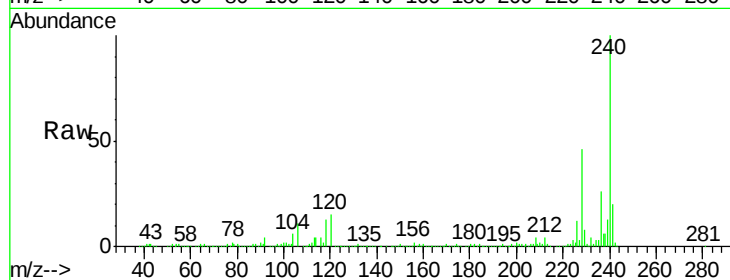
Tot Ion:240 Resp: 284299

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

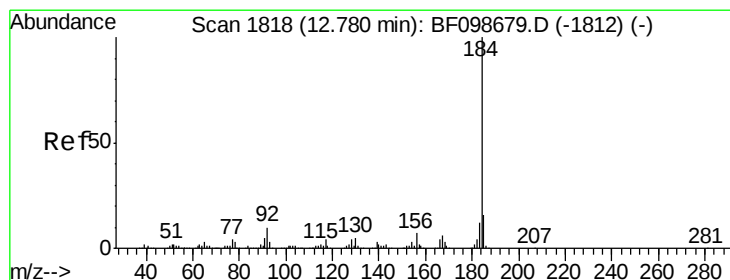
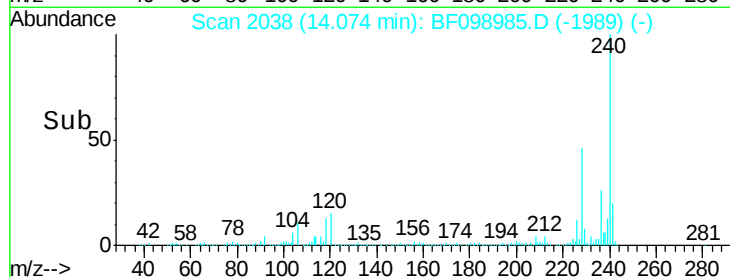
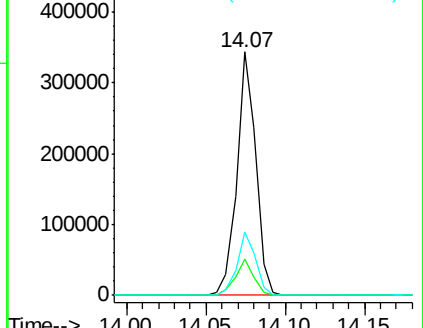
236 25.9 20.7 31.1



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: 24.57 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

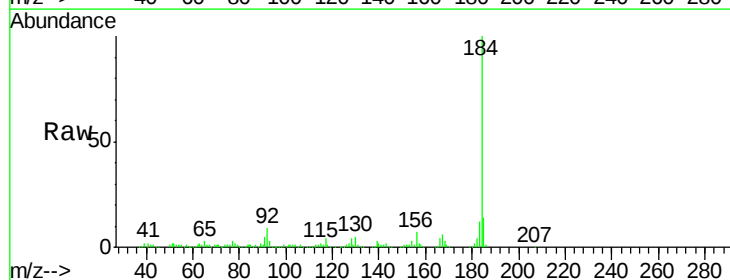
Tgt Ion:184 Resp: 258335

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

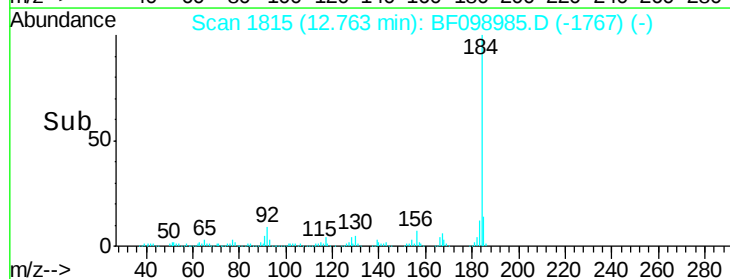
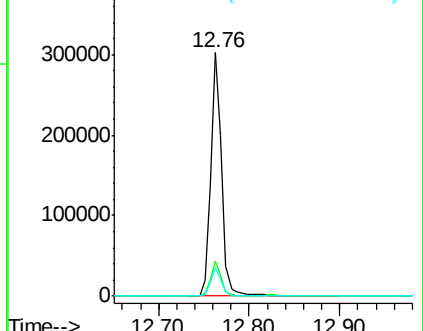
183 11.6 9.3 13.9

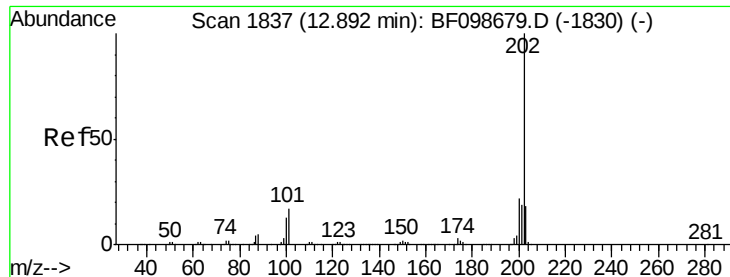


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.48 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

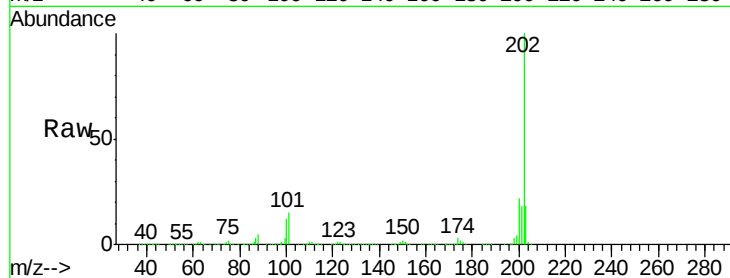
Tot Ion:202 Resp: 986022

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

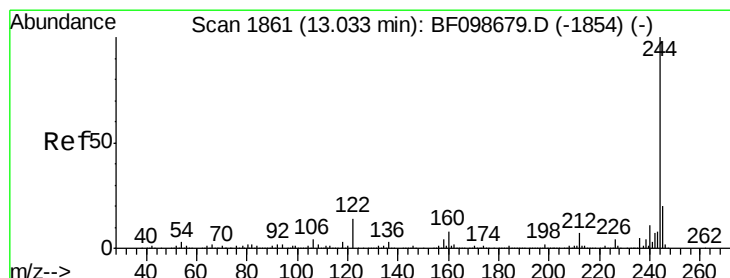
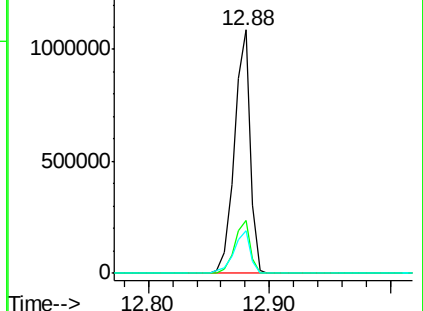
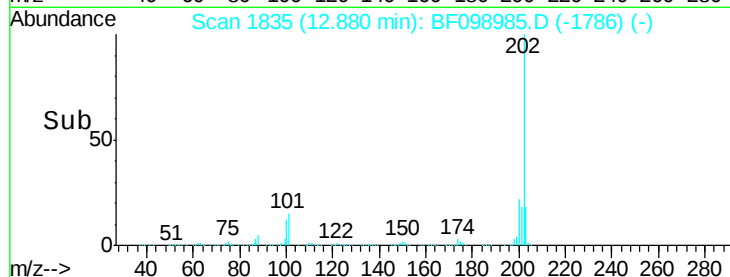
203 17.6 14.3 21.5



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: 90.67 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

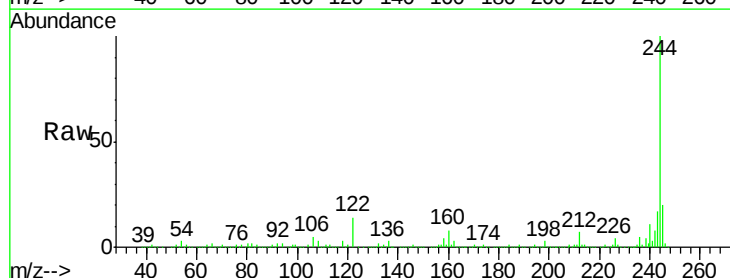
Tgt Ion:244 Resp: 1133500

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

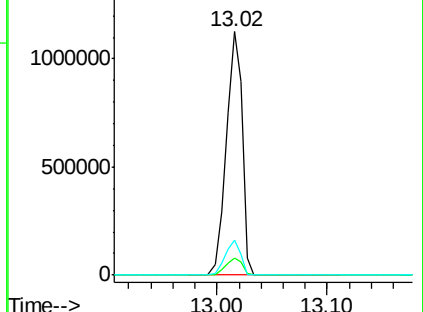
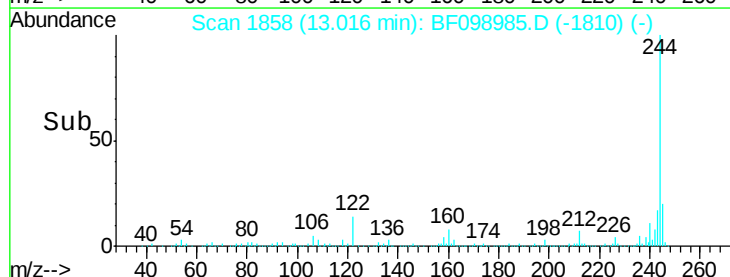
122 14.3 11.0 16.4

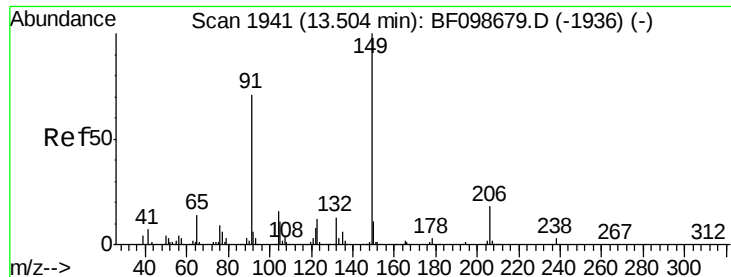


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.03 ng

RT: 13.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB102778BS

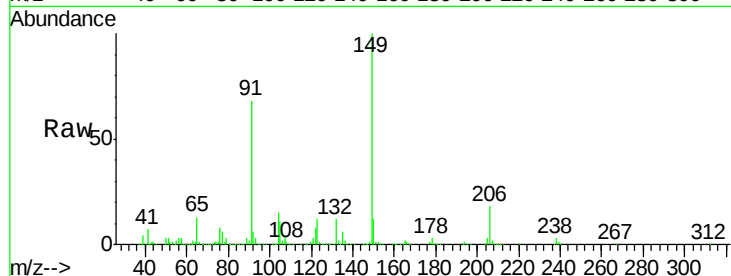
Tot Ion:149 Resp: 468962

Ion Ratio Lower Upper

149 100

91 67.9 56.8 85.2

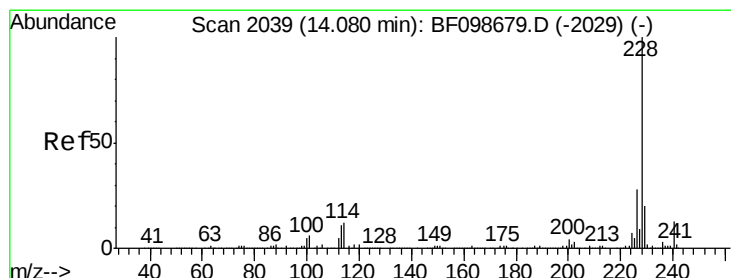
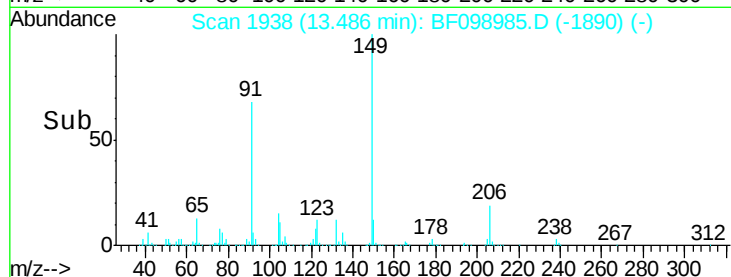
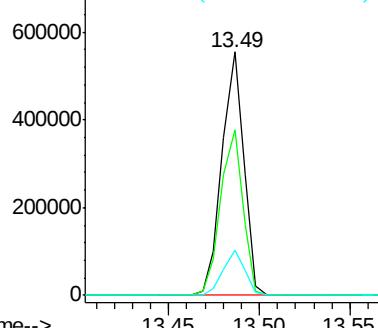
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.63 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF098985.D

Acq: 1 Oct 2017 12:01

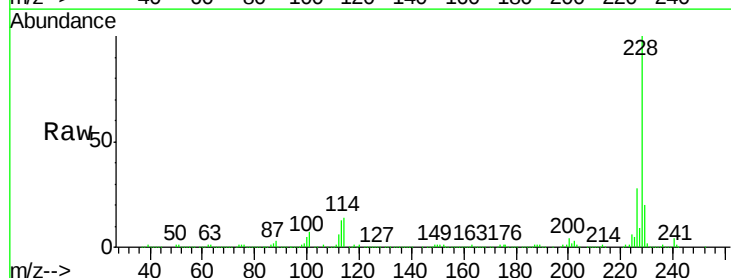
Tgt Ion:228 Resp: 733846

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

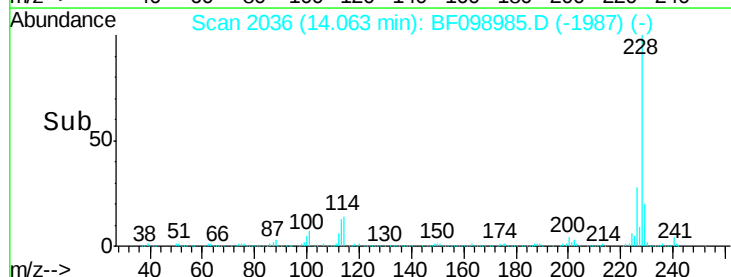
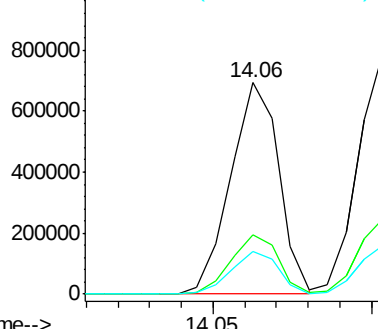
229 20.0 15.8 23.6

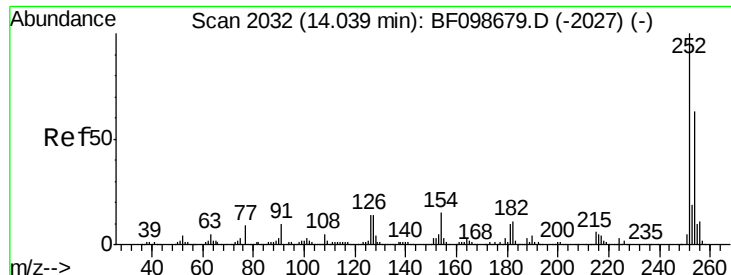


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

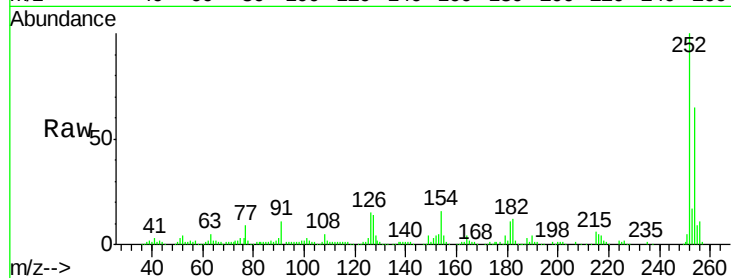




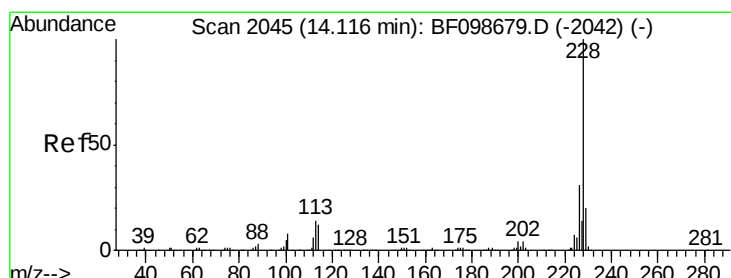
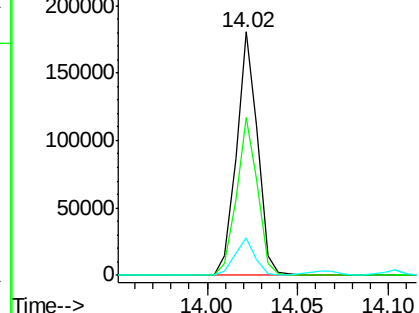
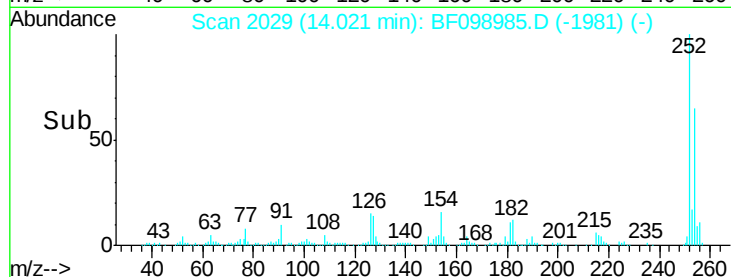
#81
 3,3'-Dichlorobenzidine
 Concen: 23.06 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	15.2	11.3	16.9

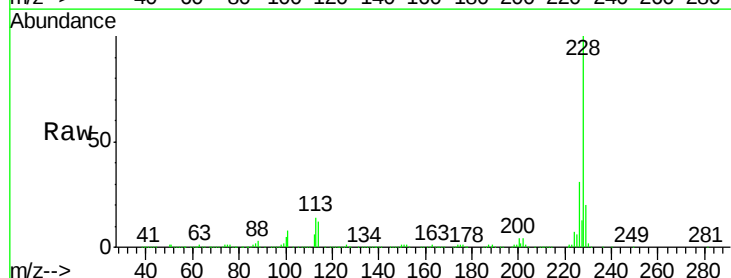


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

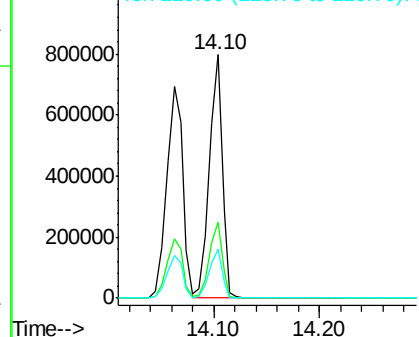
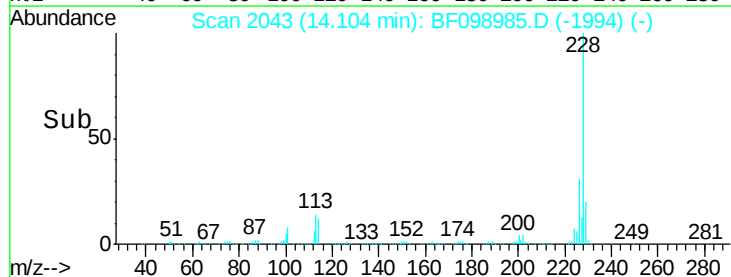


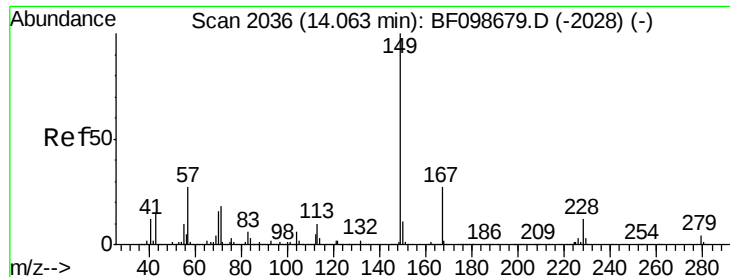
#82
 Chrysene
 Concen: 41.47 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.4	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

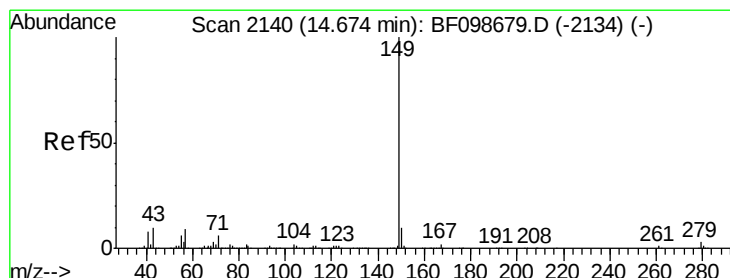
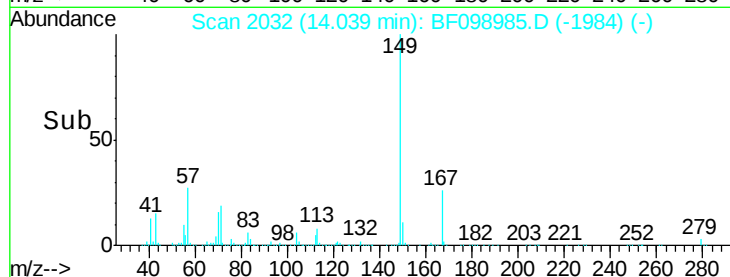
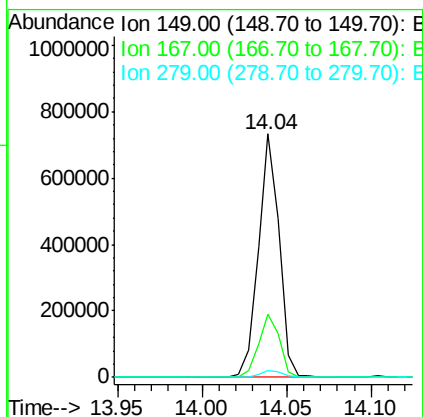
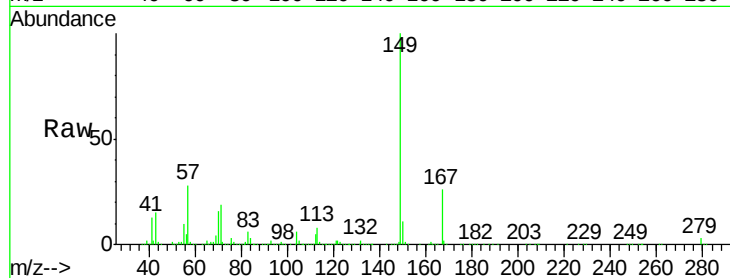




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.57 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

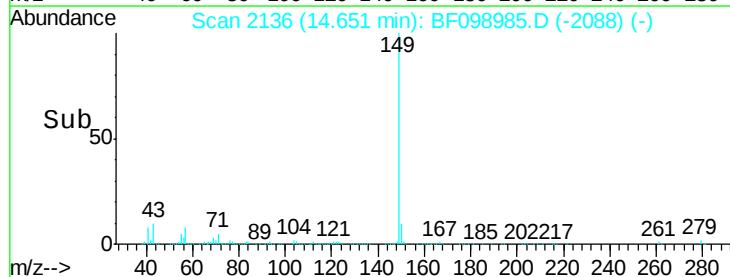
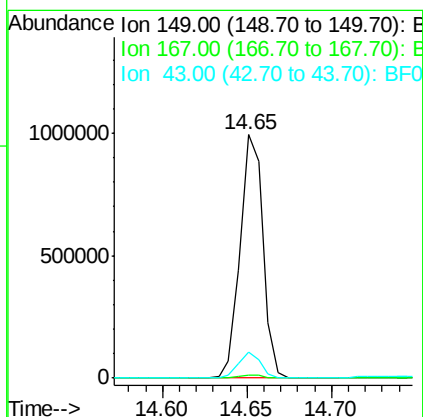
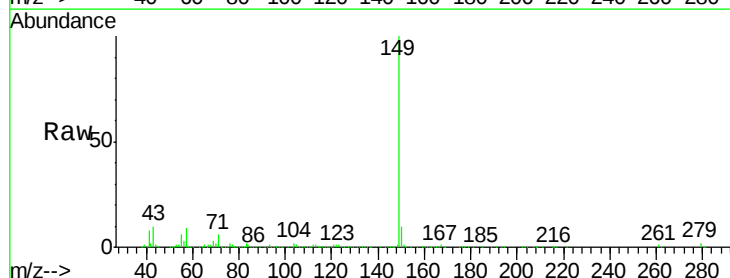
Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

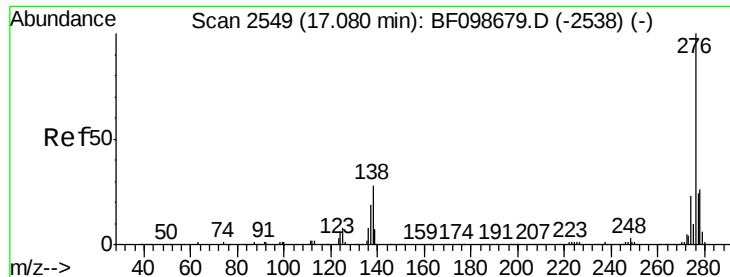
Tot Ion:149 Resp: 625322
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.39 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.02 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Tgt Ion:149 Resp: 934959
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.7 8.4 12.6

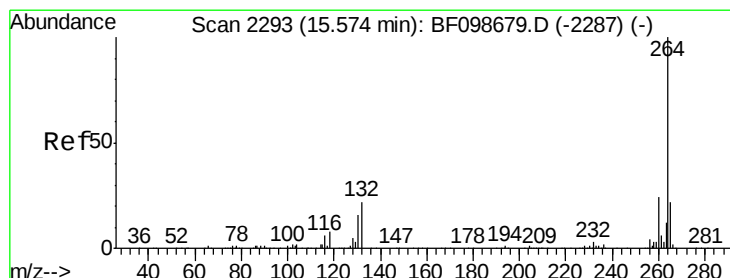
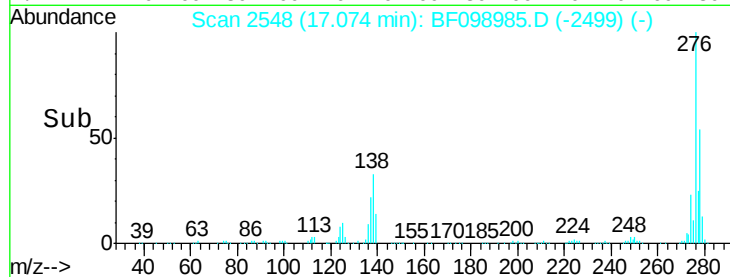
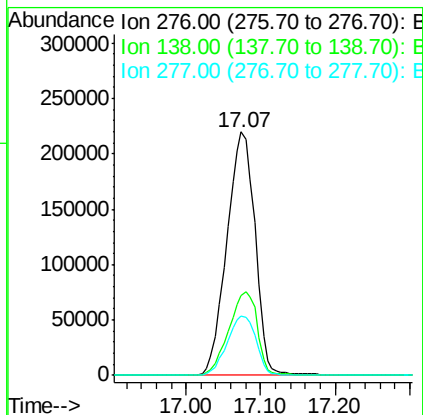
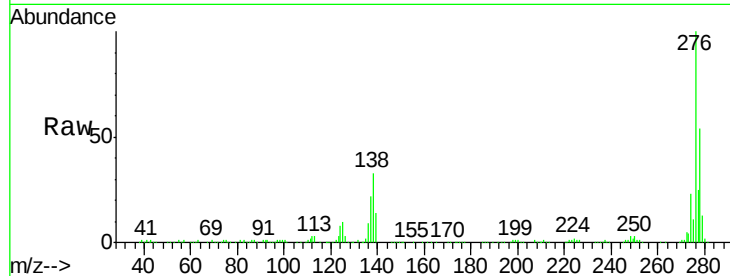




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.12 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

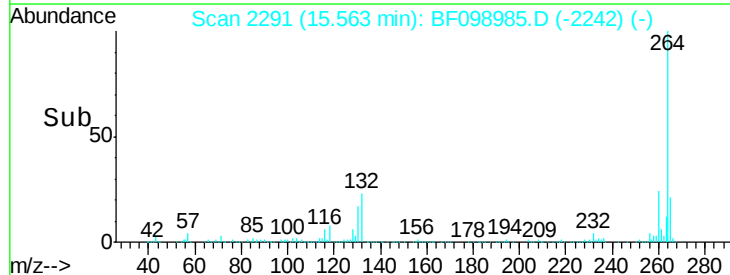
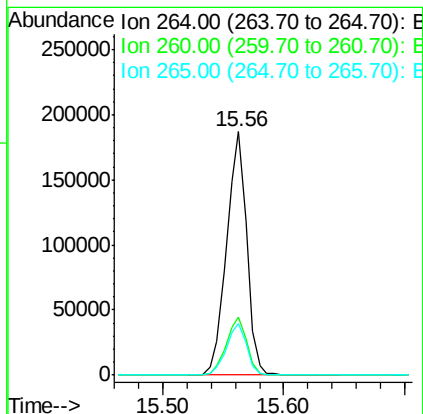
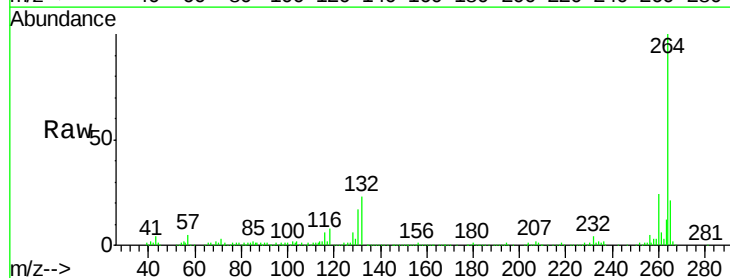
Instrument :
BNA_F
ClientSampleId :
PB102778BS

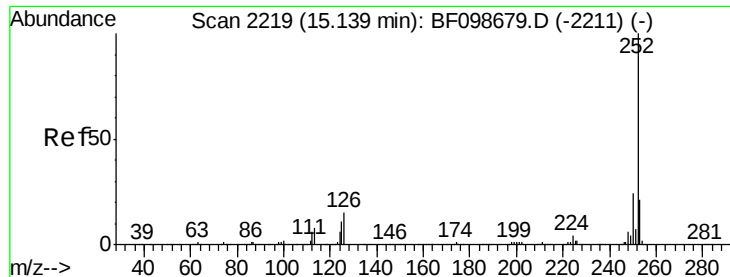
Tot Ion:276 Resp: 578446
Ion Ratio Lower Upper
276 100
138 35.0 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:264 Resp: 216529
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 17.5 26.3

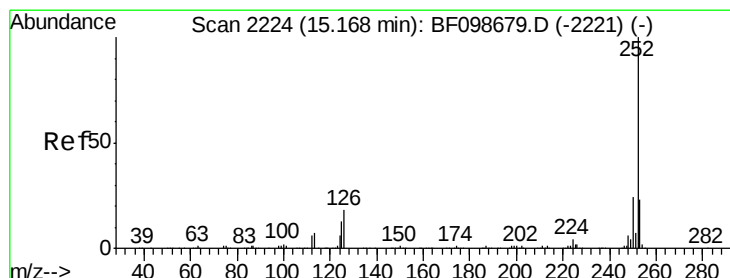
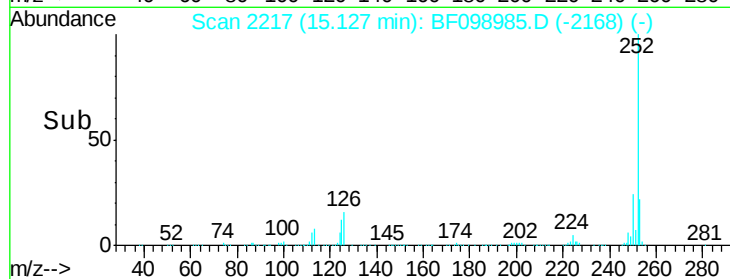
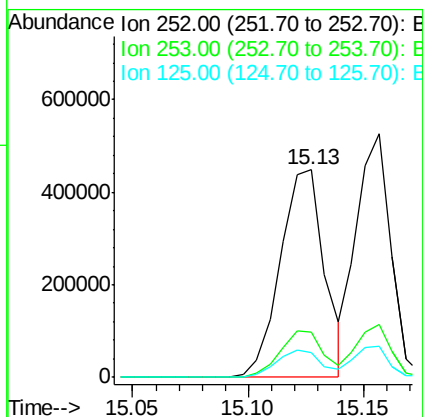
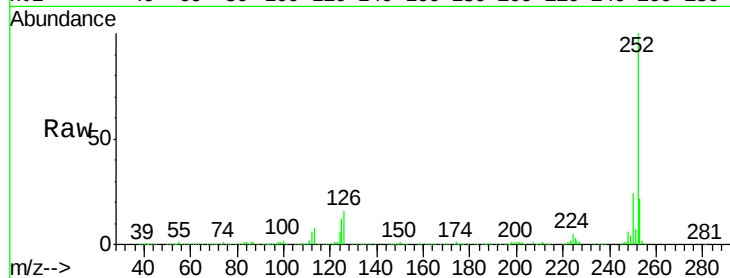




#87
Benzo(b)fluoranthene
Concen: 44.89 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

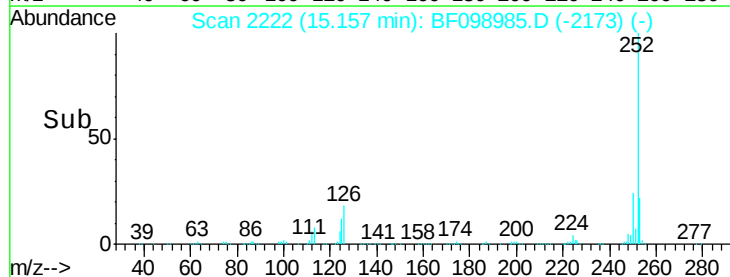
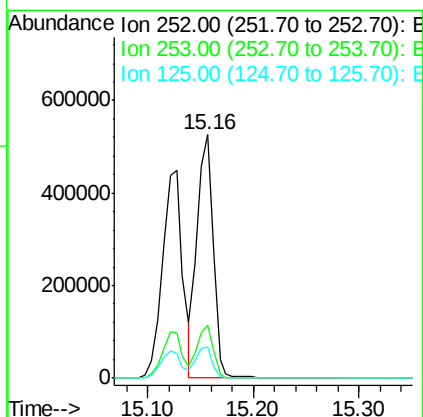
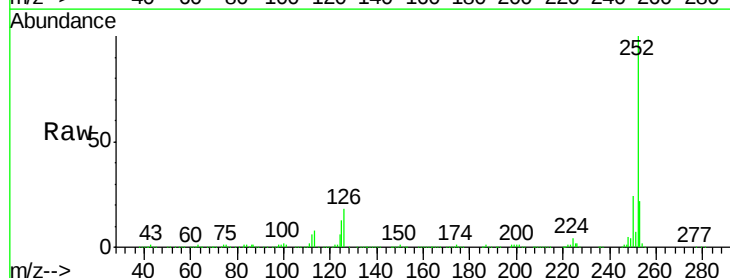
Instrument :
BNA_F
ClientSampleId :
PB102778BS

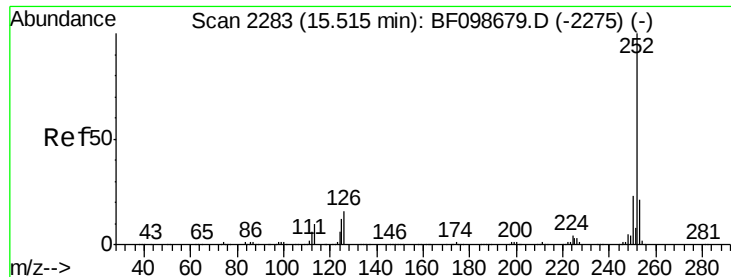
Tot Ion:252 Resp: 597611
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.71 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:252 Resp: 548517
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.6 10.2 15.2

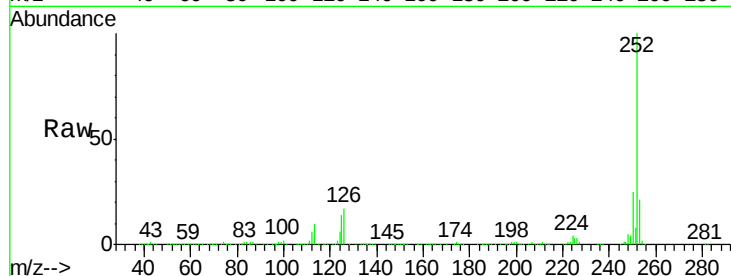




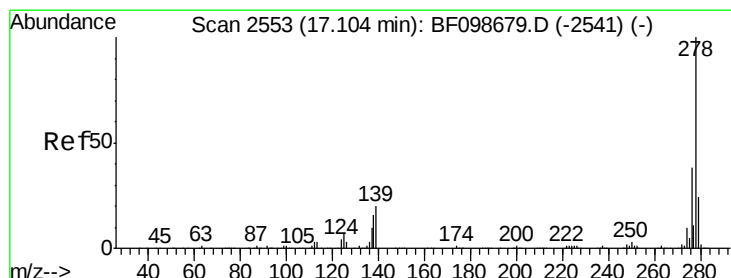
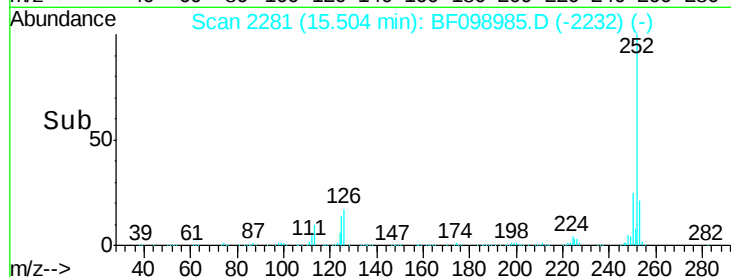
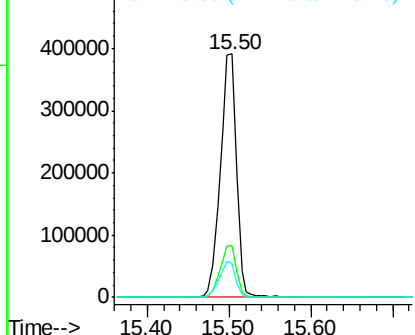
#89
Benzo(a)pyrene
Concen: 44.25 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Tot Ion:252 Resp: 540802
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 13.7 9.8 14.6

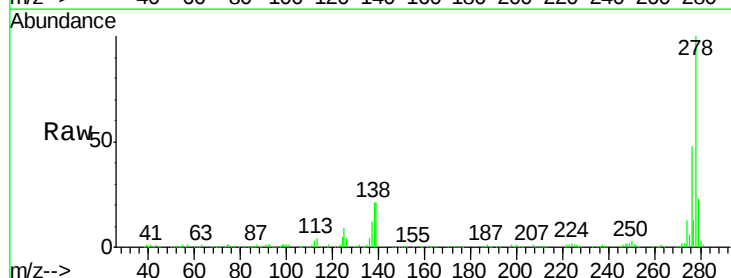


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

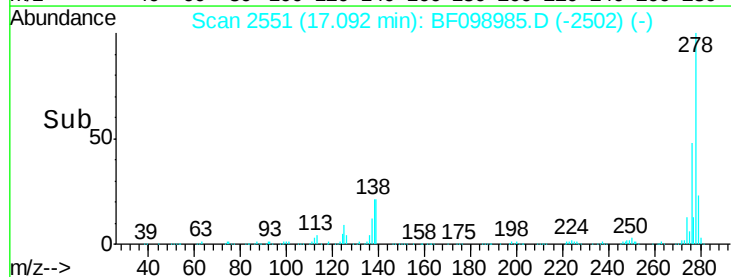
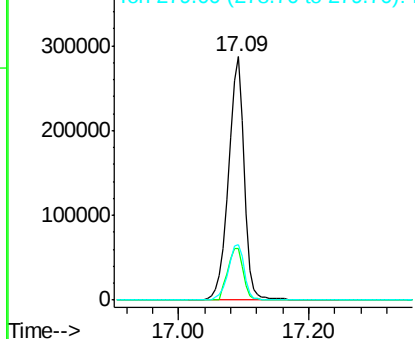


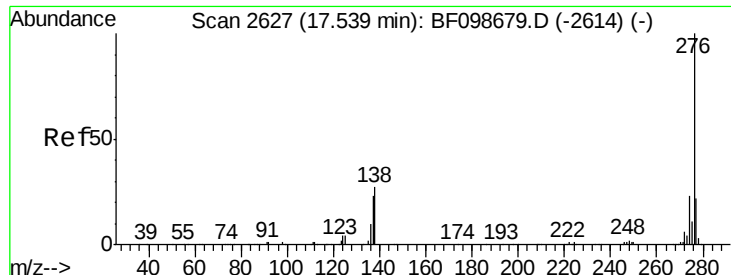
#90
Dibenzo(a,h)anthracene
Concen: 49.23 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF098985.D
Acq: 1 Oct 2017 12:01

Tgt Ion:278 Resp: 481437
Ion Ratio Lower Upper
278 100
139 21.0 15.9 23.9
279 22.9 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

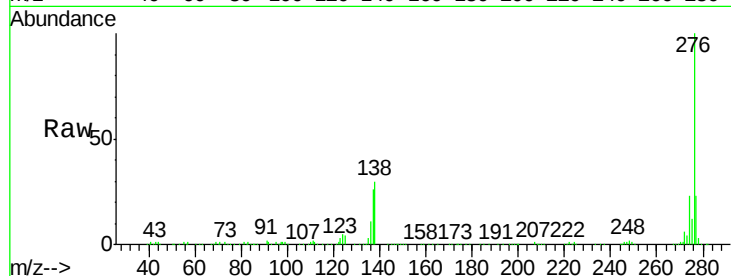




#91
 Benzo(a,h,i)perylene
 Concen: 51.12 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF098985.D
 Acq: 1 Oct 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.3	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

