

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098301.D
 Acq On : 7 Sep 2017 5:04
 Operator : SJ/JU
 Sample : PB102084BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Quant Time: Sep 07 07:24:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104620	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	398548	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	155651	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	250024	20.00	ng	0.00
75) Chrysene-d12	13.85	240	214216	20.00	ng	-0.01
86) Perylene-d12	15.26	264	148703	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	551521	80.19	ng	0.00
7) Phenol-d6	6.35	99	728079	77.91	ng	0.00
23) Nitrobenzene-d5	7.27	82	638192	86.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	100595	74.49	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	934029	88.16	ng	-0.01
78) Terphenyl-d14	12.80	244	639152	62.22	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	124678	32.50	ng	# 88
3) Pyridine	3.09	79	350253	33.03	ng	85
4) n-Nitrosodimethylamine	3.06	42	129707	31.79	ng	# 75
6) Aniline	6.36	93	321238	24.47	ng	# 20
8) 2-Chlorophenol	6.49	128	277974	38.32	ng	100
9) Benzaldehyde	6.25	77	70100	11.84	ng	92
10) Phenol	6.36	94	386655	35.38	ng	87
11) bis(2-Chloroethyl)ether	6.44	93	309034	37.46	ng	93
12) 1,3-Dichlorobenzene	6.64	146	277533	35.57	ng	# 96
13) 1,4-Dichlorobenzene	6.72	146	279534	35.23	ng	95
14) 1,2-Dichlorobenzene	6.87	146	261218	35.70	ng	99
15) Benzyl Alcohol	6.85	79	246456	35.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	383293	34.53	ng	86
17) 2-Methylphenol	6.96	107	243881	38.15	ng	94
18) Hexachloroethane	7.20	117	87360	28.08	ng	# 80
19) n-Nitroso-di-n-propylamine	7.12	70	214740	33.57	ng	88
20) 3+4-Methylphenols	7.12	107	298628	38.25	ng	# 71
22) Acetophenone	7.11	105	403464	38.32	ng	# 85
24) Nitrobenzene	7.29	77	332338	40.68	ng	96
25) Isophorone	7.52	82	579037	37.96	ng	97
26) 2-Nitrophenol	7.60	139	110028	38.36	ng	# 81
27) 2,4-Dimethylphenol	7.65	122	245550	38.60	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	383306	38.22	ng	99
29) 2,4-Dichlorophenol	7.85	162	202197	38.29	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	214084	36.57	ng	98
31) Naphthalene	8.00	128	755056	36.49	ng	99
32) Benzoic acid	7.77	122	94377	24.05	ng	94
33) 4-Chloroaniline	8.06	127	214325	24.56	ng	99
34) Hexachlorobutadiene	8.12	225	123350	36.09	ng	100
35) Caprolactam	8.43	113	64831	36.11	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	235112	34.65	ng	# 82
37) 2-Methylnaphthalene	8.69	142	477900	37.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	192358	40.27	ng	99
40) Hexachlorocyclopentadiene	8.84	237	13869	6.04	ng	96

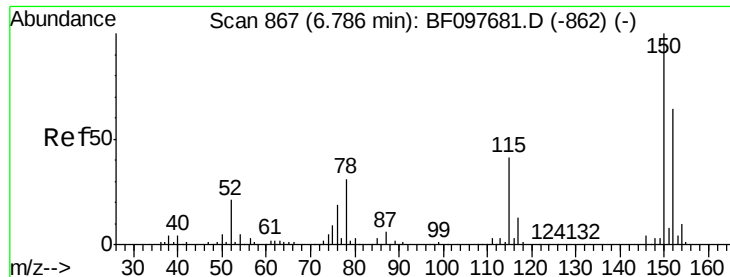
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	122663	38.25	nq	97
43) 2,4,5-Trichlorophenol	9.02	196	123598	38.85	nq	96
45) 1,1'-Biphenyl	9.16	154	549918	38.74	nq	96
46) 2-Chloronaphthalene	9.18	162	390624	37.25	nq	# 92
47) 2-Nitroaniline	9.29	65	156953	44.64	nq	92
48) Acenaphthylene	9.60	152	619241	37.60	nq	99
49) Dimethylphthalate	9.46	163	488429	42.93	nq	99
50) 2,6-Dinitrotoluene	9.53	165	86428	38.06	nq	# 72
51) Acenaphthene	9.77	154	361351	34.79	nq	98
52) 3-Nitroaniline	9.69	138	114163	38.96	nq	86
53) 2,4-Dinitrophenol	9.81	184	4631	13.89	nq	# 72
54) Dibenzofuran	9.94	168	533336	38.31	nq	99
55) 4-Nitrophenol	9.87	139	125464	53.68	nq	# 42
56) 2,4-Dinitrotoluene	9.93	165	99631	34.96	nq	# 53
57) Fluorene	10.28	166	391991	36.42	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88601	35.97	nq	93
59) Diethylphthalate	10.16	149	476228	40.03	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	190725	38.14	nq	88
61) 4-Nitroaniline	10.30	138	113998	40.93	nq	74
62) Azobenzene	10.43	77	507601	35.92	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	4383	11.40	nq	91
65) n-Nitrosodiphenylamine	10.39	169	357024	41.93	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	106701	41.10	nq	95
67) Hexachlorobenzene	10.83	284	100876	38.12	nq	# 85
68) Atrazine	10.93	200	101091	44.77	nq	97
69) Pentachlorophenol	11.03	266	81836	53.04	nq	96
70) Phenanthrene	11.24	178	516851	38.79	nq	99
71) Anthracene	11.29	178	527563	39.04	nq	99
72) Carbazole	11.45	167	500108	38.99	nq	98
73) Di-n-butylphthalate	11.78	149	661540	44.78	nq	99
74) Fluoranthene	12.43	202	543484	39.08	nq	99
76) Benzidine	12.56	184	462399	65.83	nq	# 92
77) Pyrene	12.66	202	564111	32.20	nq	98
79) Butylbenzylphthalate	13.27	149	265352	39.50	nq	# 72
80) Benzo(a)anthracene	13.84	228	453409	35.32	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	179983	41.54	nq	# 96
82) Chrysene	13.88	228	452196	35.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	355282	47.73	nq	99
84) Di-n-octyl phthalate	14.44	149	642112	49.58	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	304166	32.37	nq	95
87) Benzo(b)fluoranthene	14.86	252	380701	40.62	nq	98
88) Benzo(k)fluoranthene	14.89	252	346112	39.30	nq	# 94
89) Benzo(a)pyrene	15.20	252	330192	39.79	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	251244	37.19	nq	98
91) Benzo(g,h,i)perylene	17.03	276	247071	35.05	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

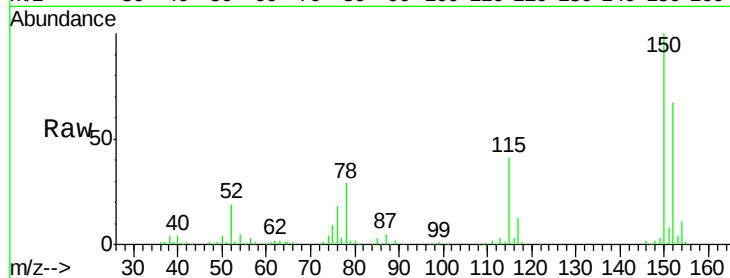
Tot Ion:152 Resp: 104620

Ion Ratio Lower Upper

152 100

150 150.3 126.2 189.2

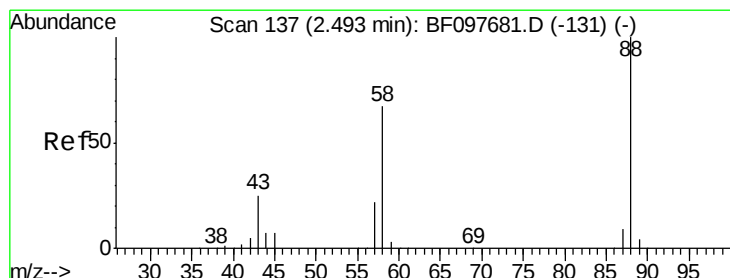
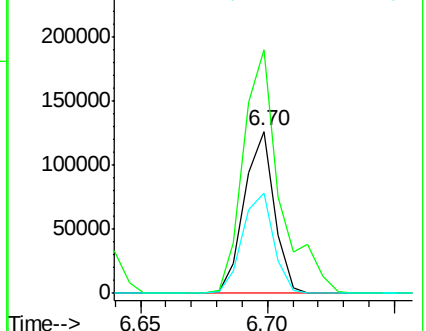
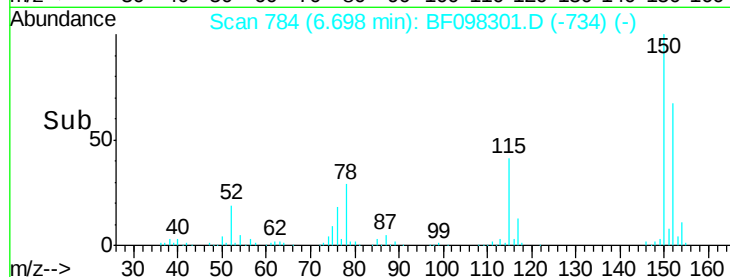
115 62.2 52.2 78.2



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: 32.50 ng

RT: 2.40 min Scan# 54

Delta R.T. 0.08 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

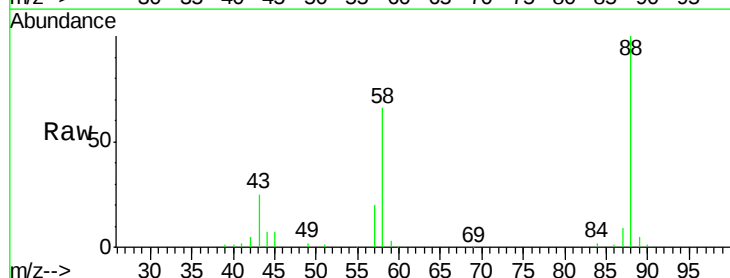
Tgt Ion: 88 Resp: 124678

Ion Ratio Lower Upper

88 100

58 66.1 61.4 92.0

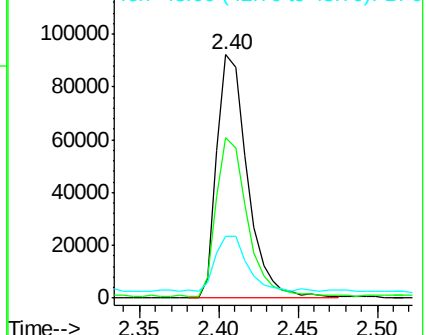
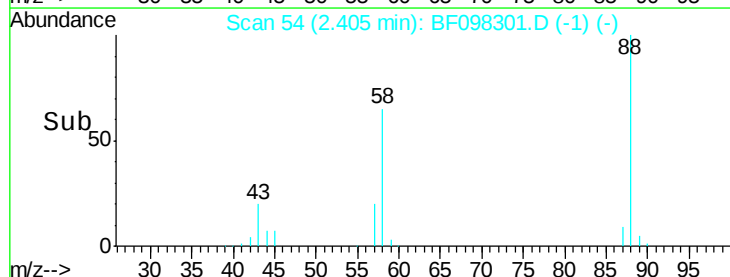
43 23.2 23.4 35.0#

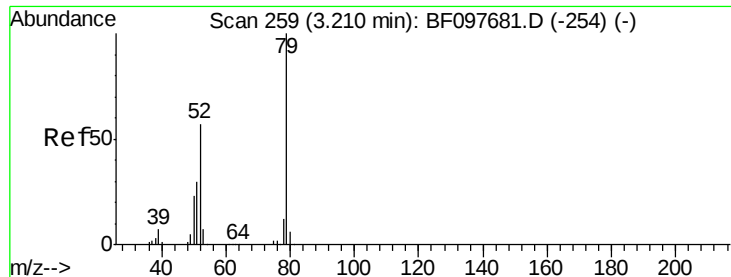


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

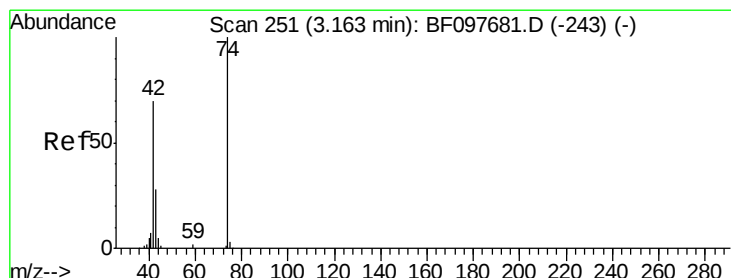
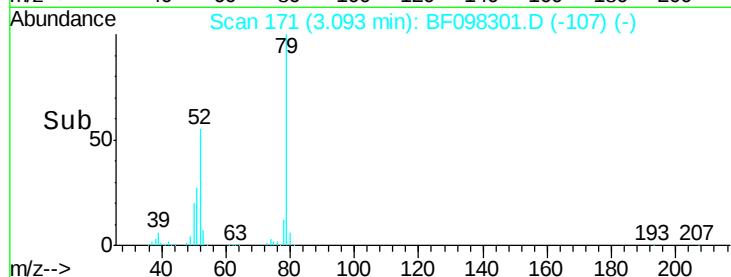
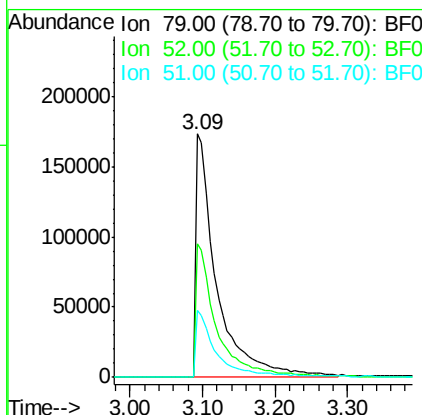
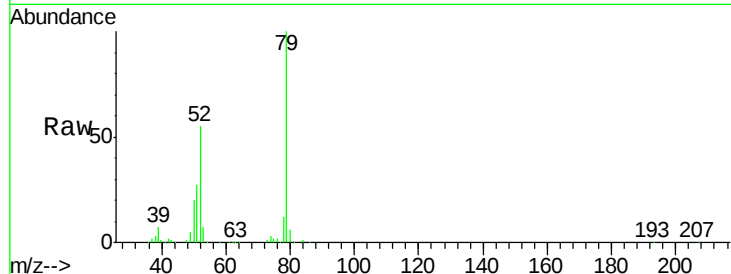




#3
 Pvridine
 Concen: 33.03 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.08 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

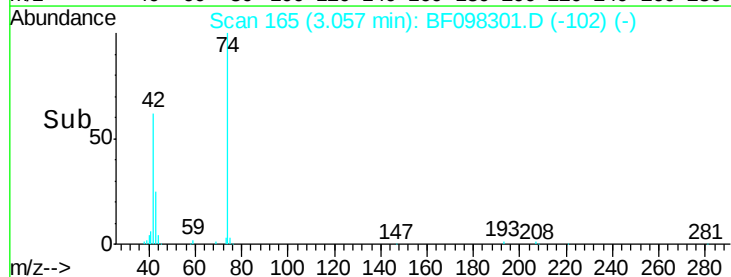
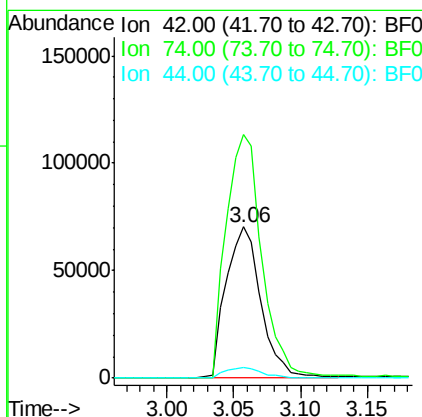
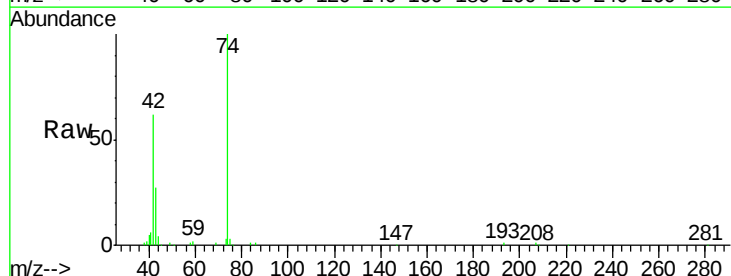
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

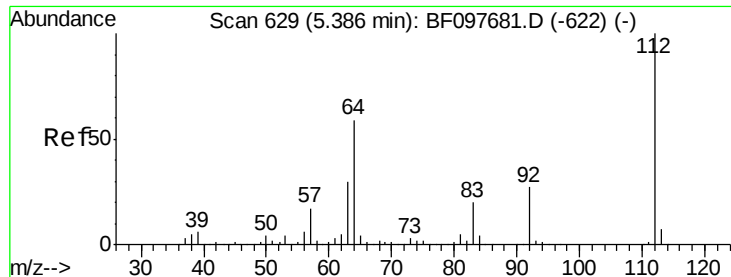
Tot Ion	Ratio	Lower	Upper
79	100		
52	54.9	54.8	82.2
51	27.5	27.0	40.4



#4
 n-Nitrosodimethylamine
 Concen: 31.79 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.07 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.9	103.9	155.9#
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 80.19 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

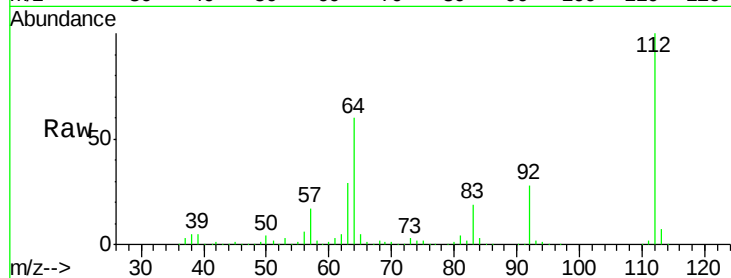
Tot Ion:112 Resp: 551521

Ion Ratio Lower Upper

112 100

64 60.2 46.0 69.0

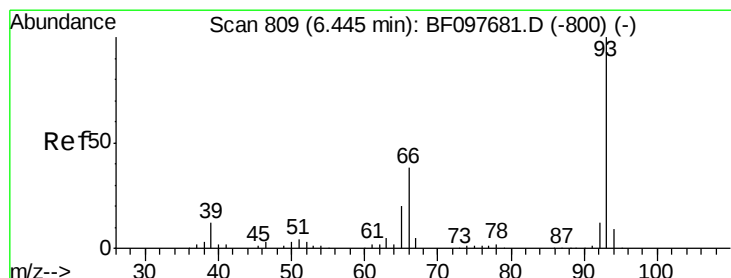
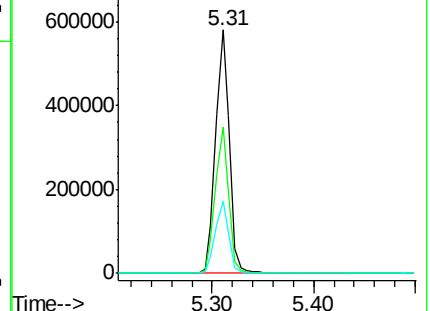
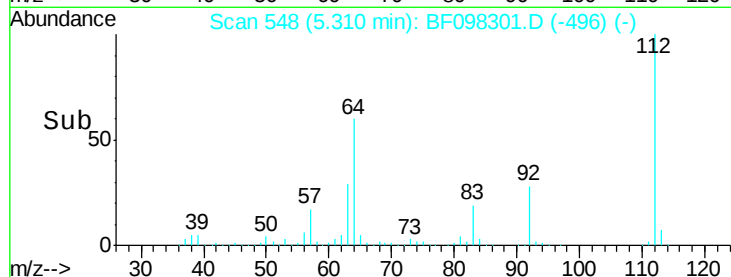
63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.47 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

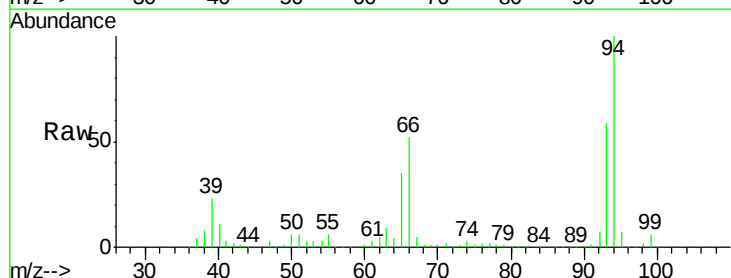
Tgt Ion: 93 Resp: 321238

Ion Ratio Lower Upper

93 100

66 89.4 32.9 49.3#

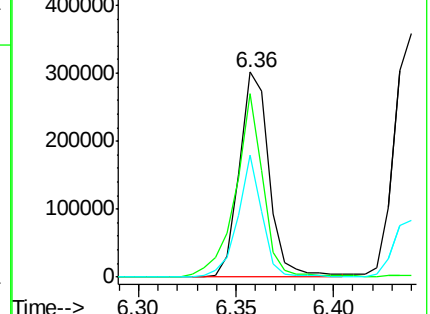
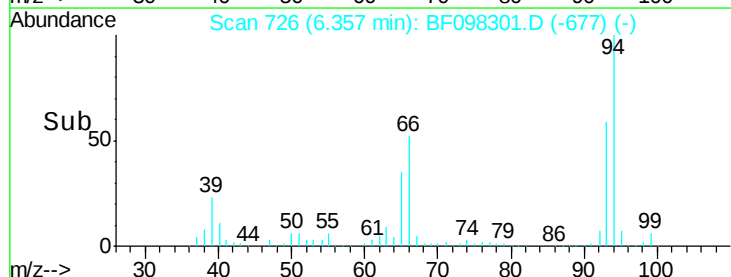
65 59.9 16.0 24.0#

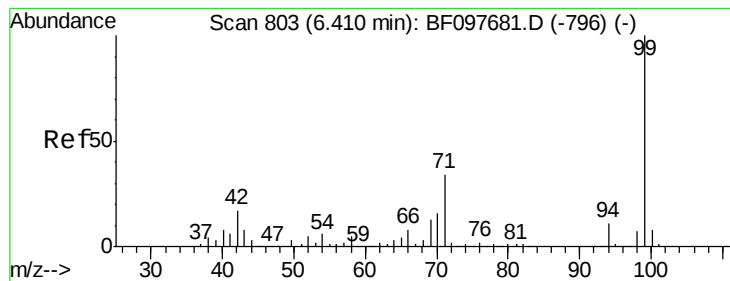


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.91 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

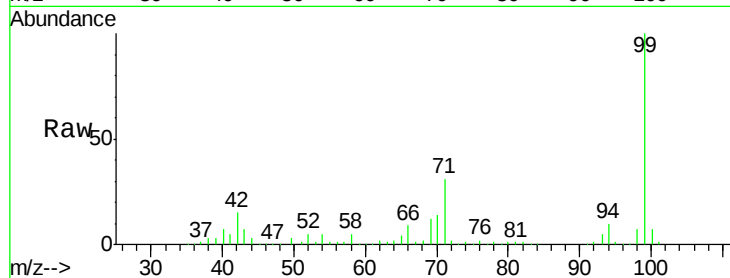
Tot Ion: 99 Resp: 728079

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

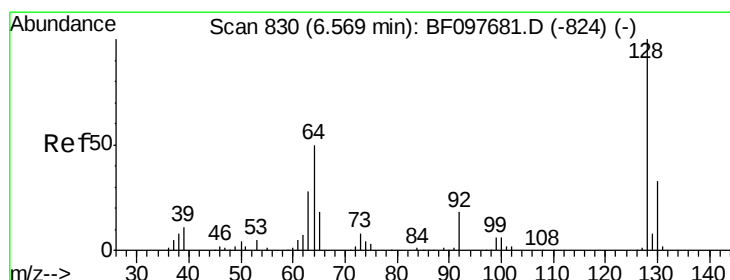
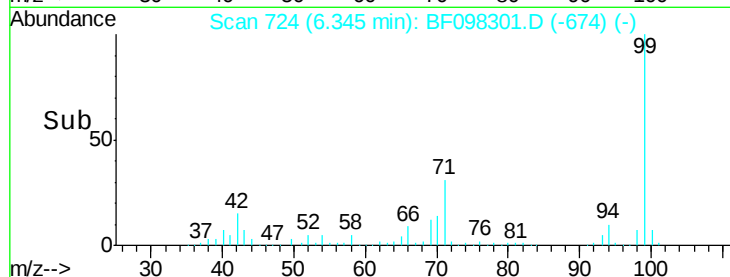
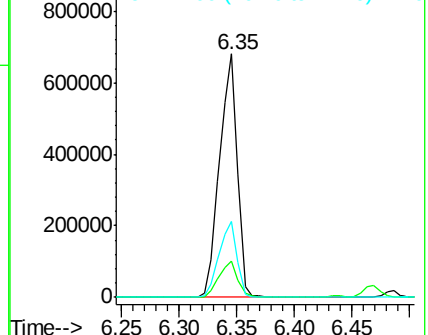
71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.32 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

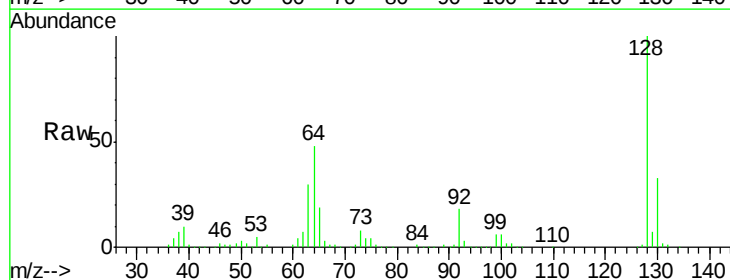
Tgt Ion: 128 Resp: 277974

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

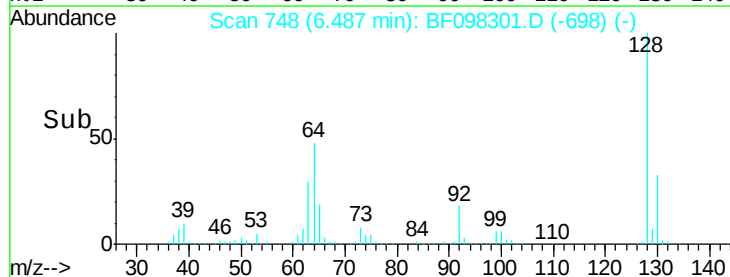
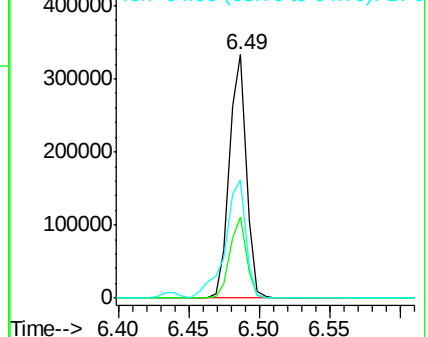
64 48.4 28.4 68.4

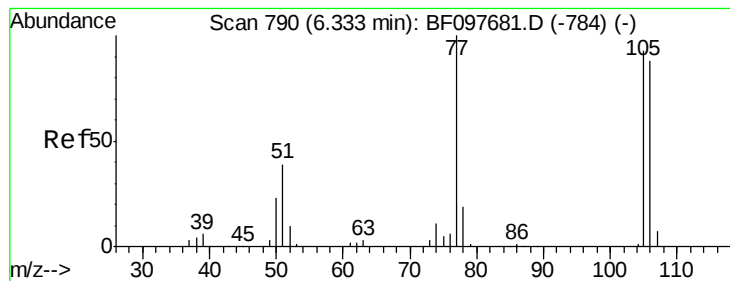


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.84 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

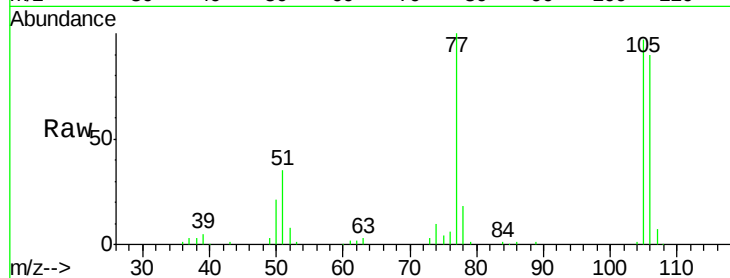
Tot Ion: 77 Resp: 70100

Ion Ratio Lower Upper

77 100

105 96.7 83.8 123.8

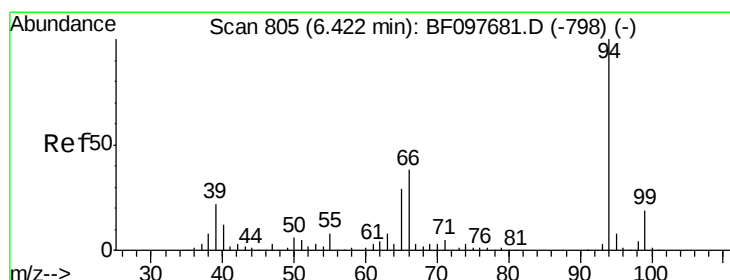
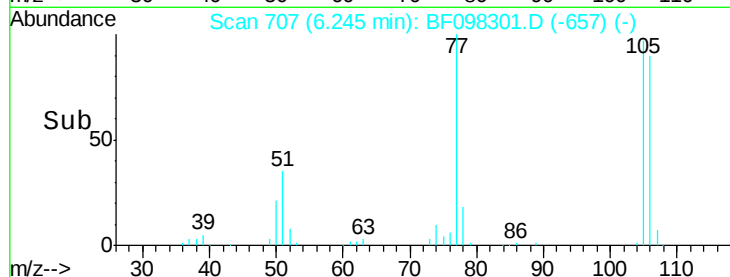
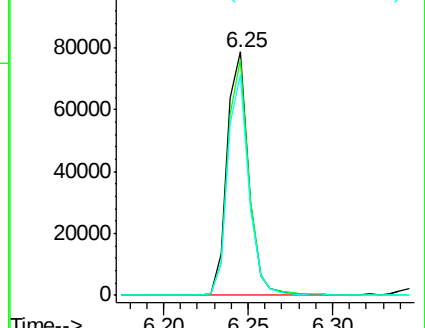
106 90.4 79.1 119.1



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: 35.38 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

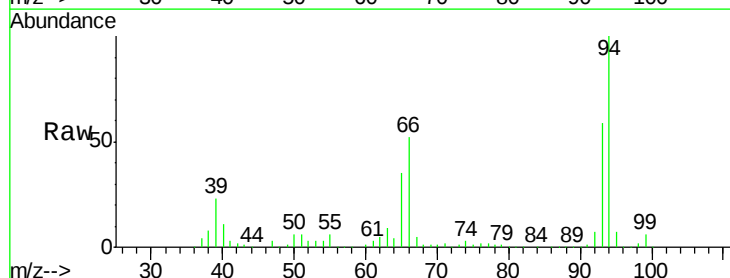
Tgt Ion: 94 Resp: 386655

Ion Ratio Lower Upper

94 100

65 35.2 9.9 49.9

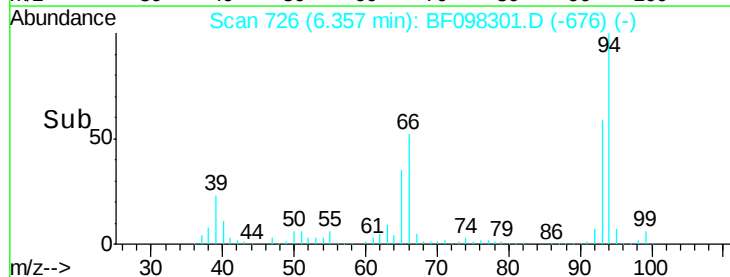
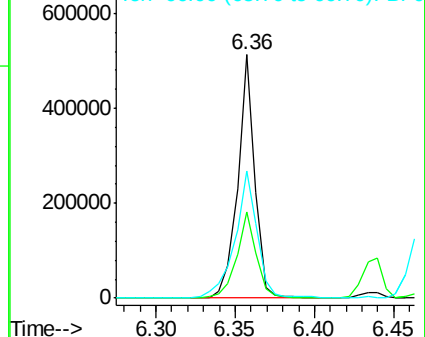
66 52.5 23.1 63.1

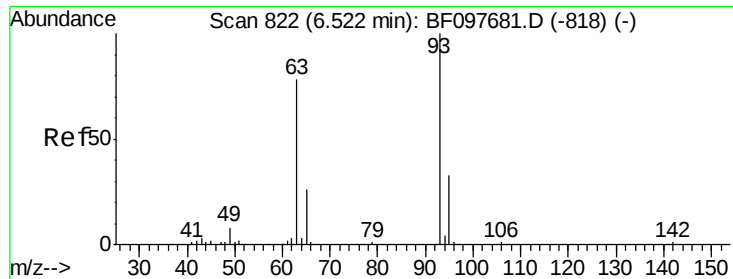


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

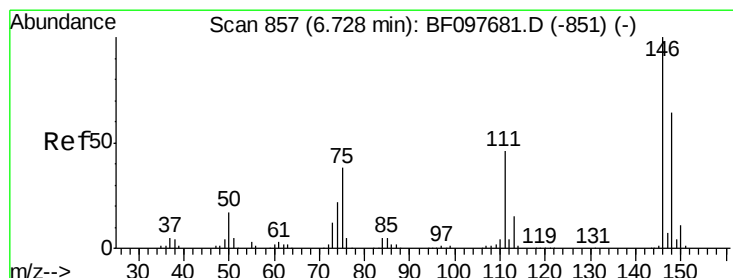
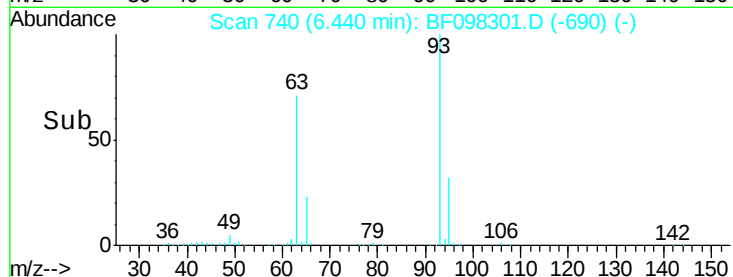
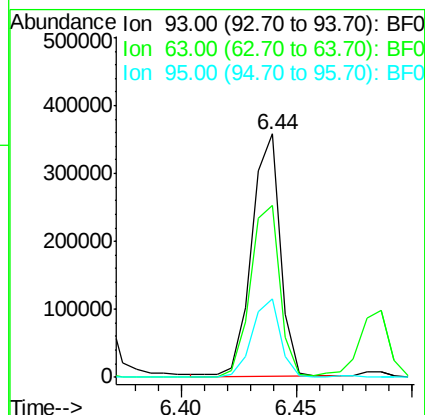
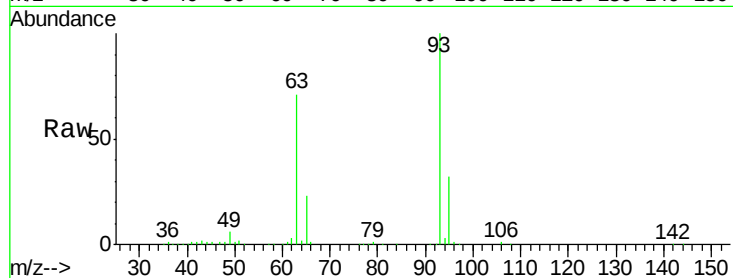




#11
bis(2-Chloroethyl)ether
Concen: 37.46 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

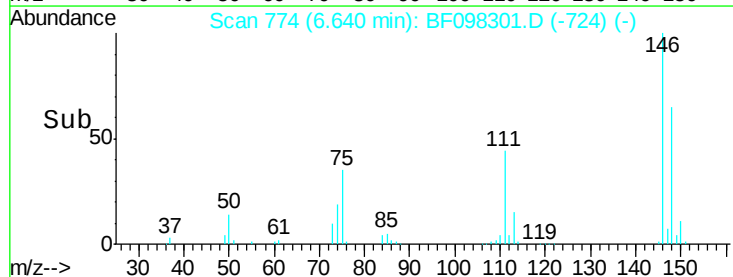
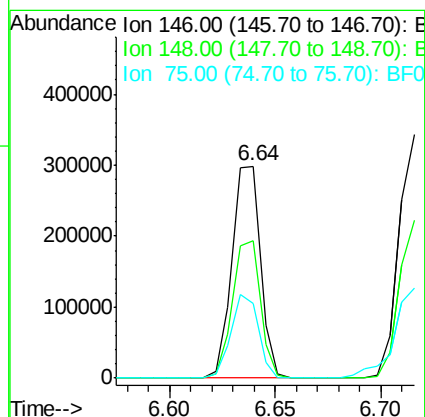
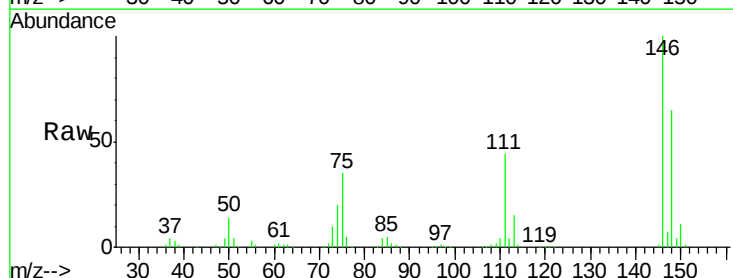
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

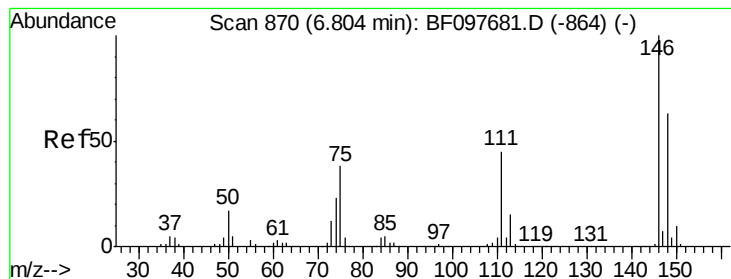
Tot Ion: 93 Resp: 309034
Ion Ratio Lower Upper
93 100
63 70.8 59.2 99.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.57 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion: 146 Resp: 277533
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 35.2 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 35.23 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

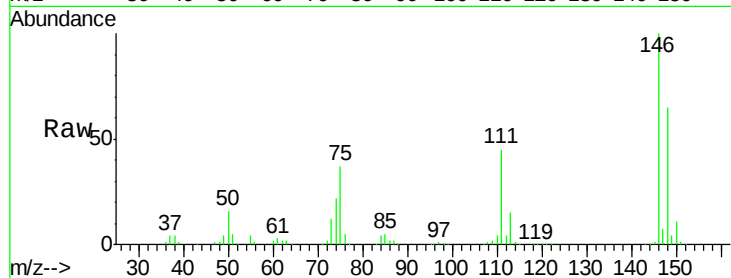
Tot Ion:146 Resp: 279534

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

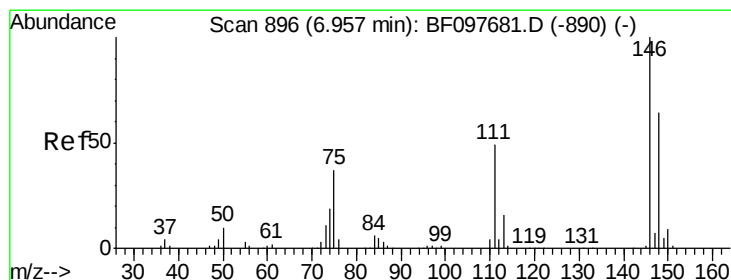
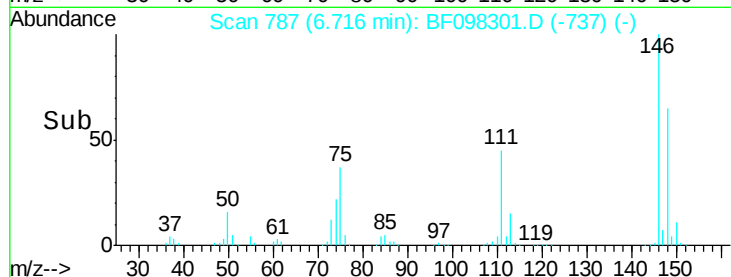
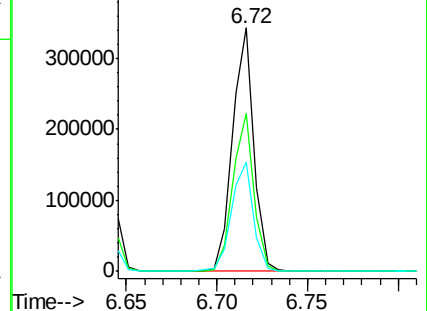
111 45.1 30.3 45.5



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: 35.70 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

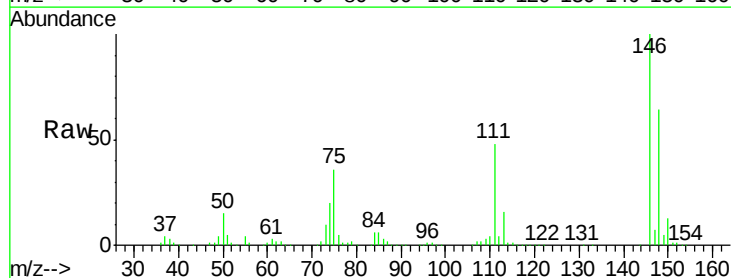
Tgt Ion:146 Resp: 261218

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

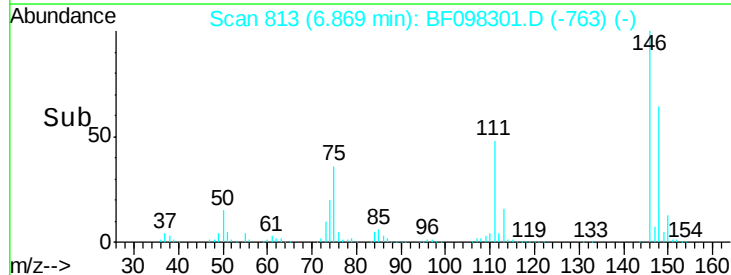
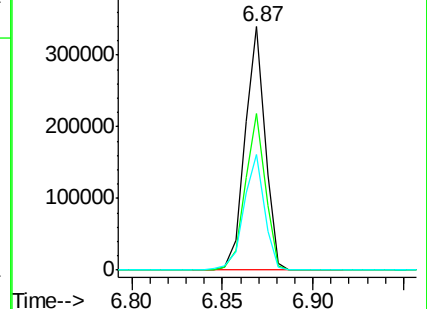
111 47.5 38.2 57.4



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

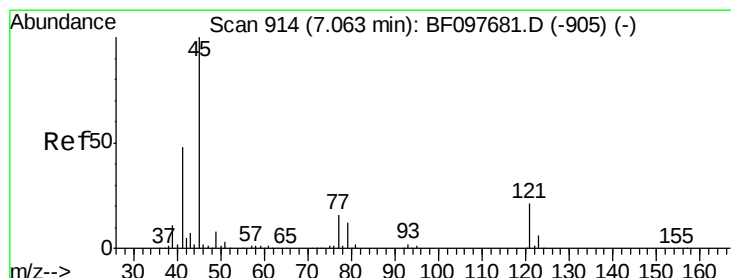
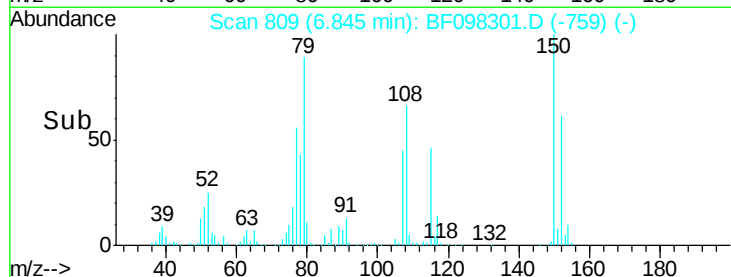
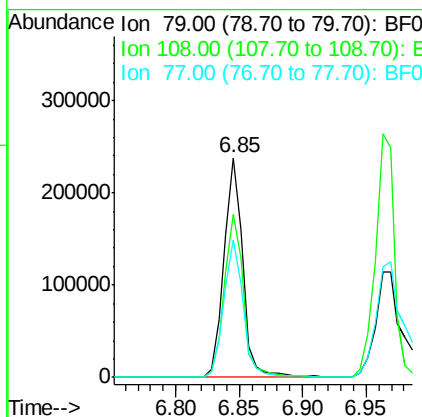
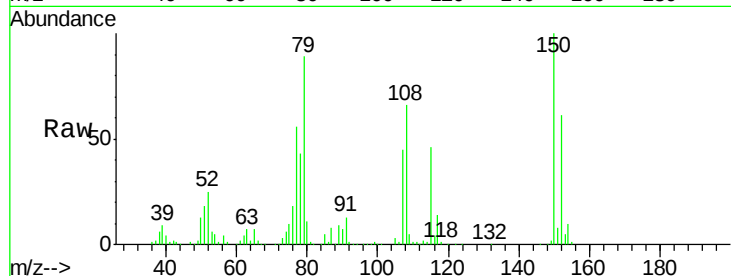




#15
Benzyl Alcohol
Concen: 35.22 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

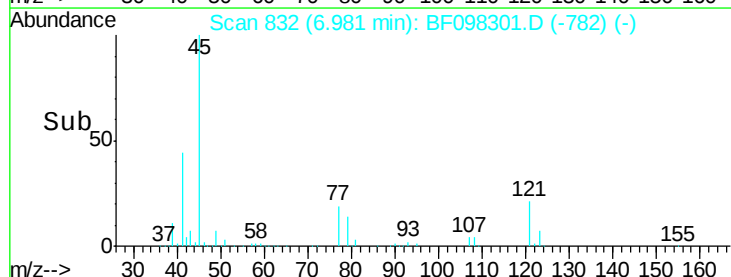
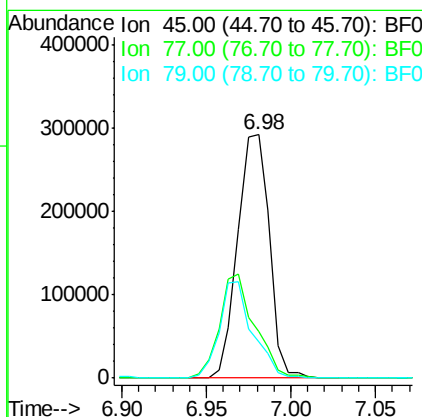
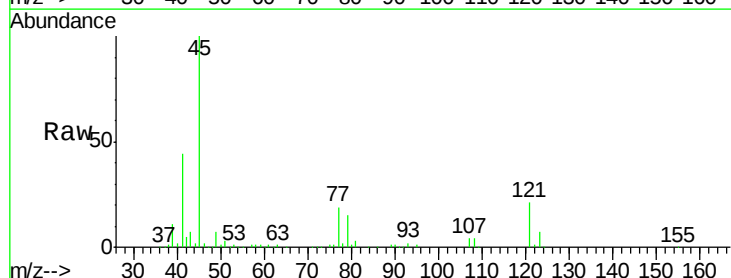
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

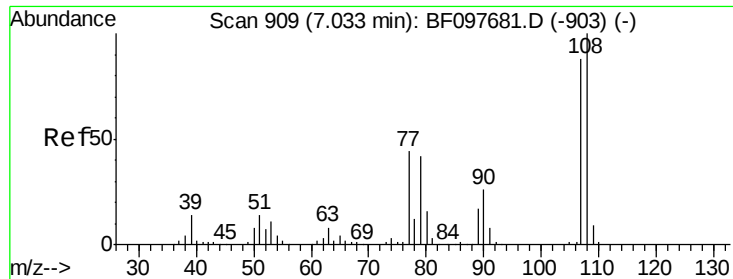
Tot Ion: 79 Resp: 246456
Ion Ratio Lower Upper
79 100
108 74.2 63.4 95.0
77 62.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.53 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion: 45 Resp: 383293
Ion Ratio Lower Upper
45 100
77 19.0 0.0 33.2
79 14.8 0.0 30.0

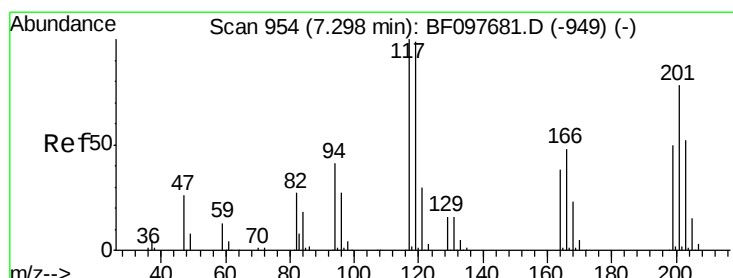
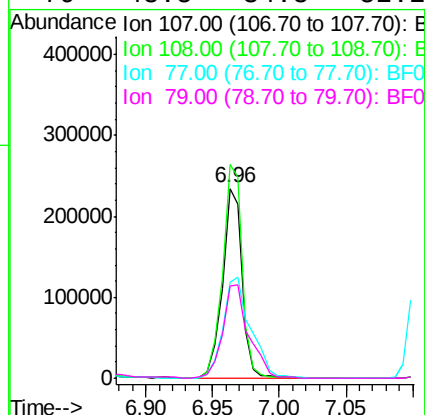
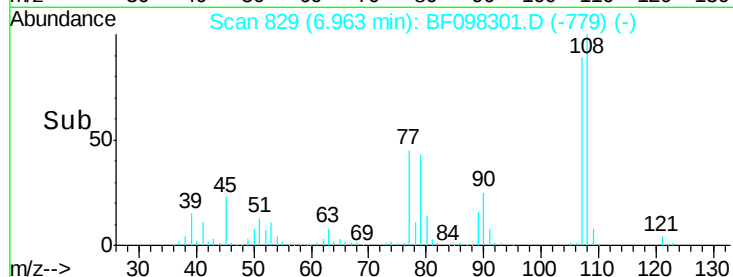
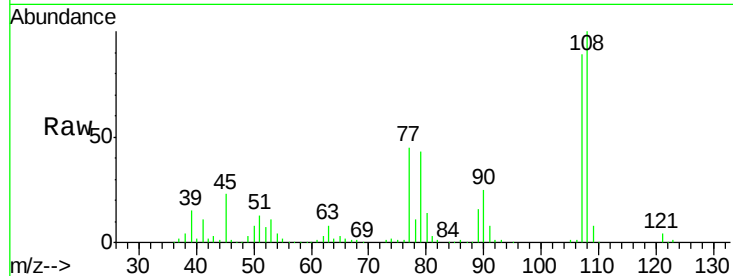




#17
2-Methylphenol
Concen: 38.15 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

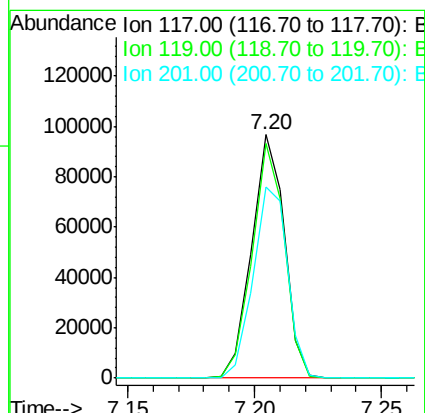
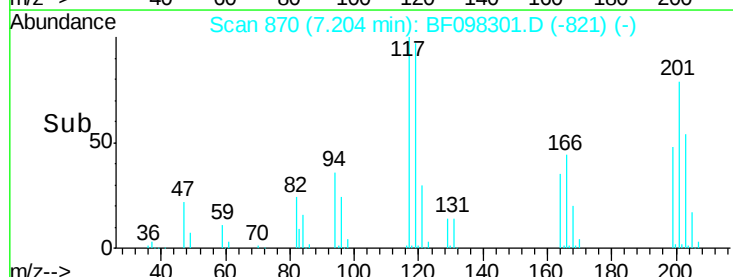
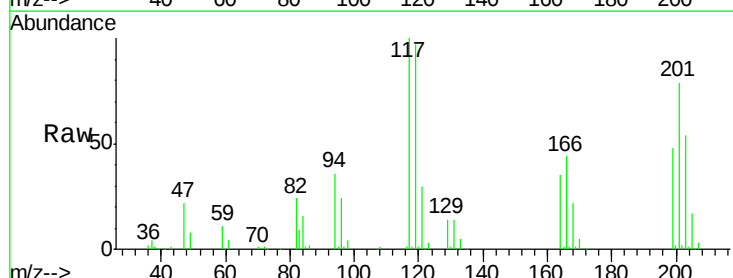
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

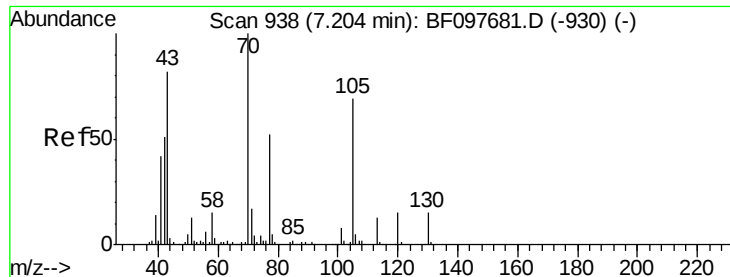
Tot Ion:	107	Resp:	243881
Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.4	140.0
77	50.9	35.8	53.6
79	48.5	34.8	52.2



#18
Hexachloroethane
Concen: 28.08 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:	117	Resp:	87360
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	78.6	94.6	141.8#

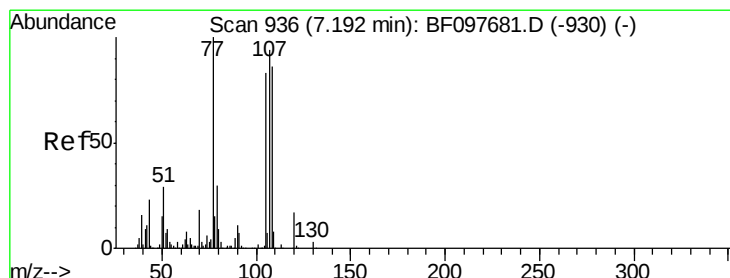
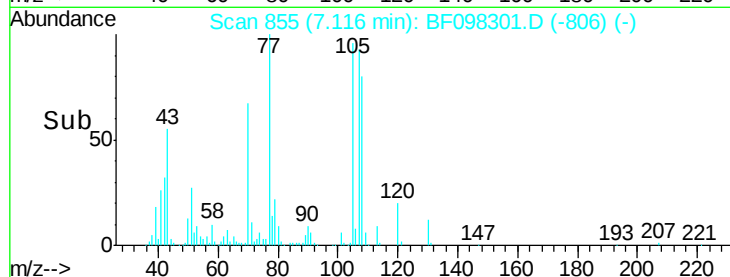
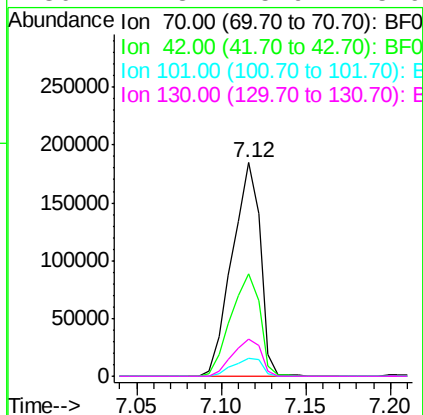
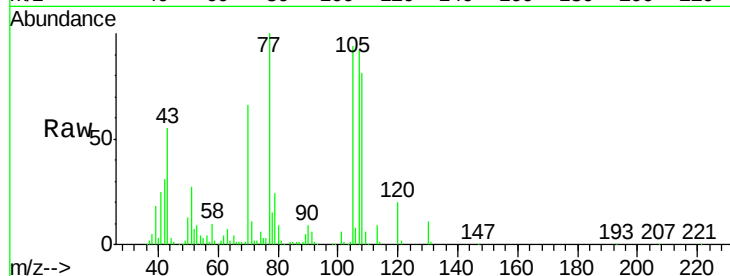




#19
n-Nitroso-di-n-propylamine
Concen: 33.57 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

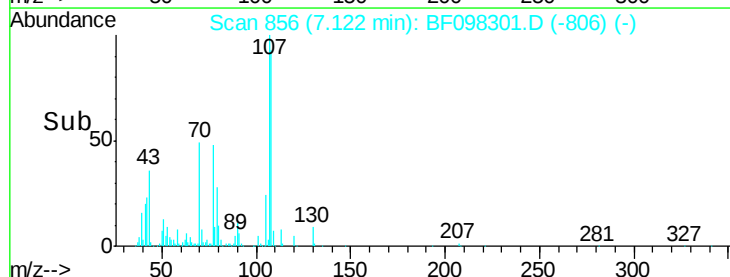
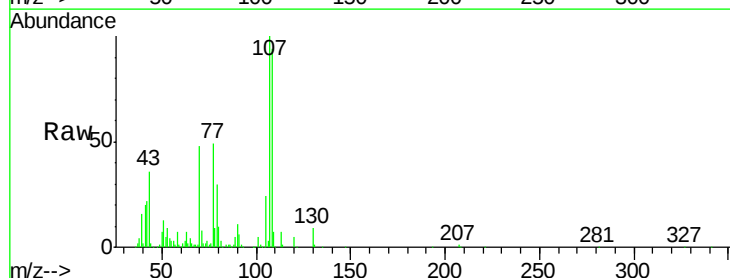
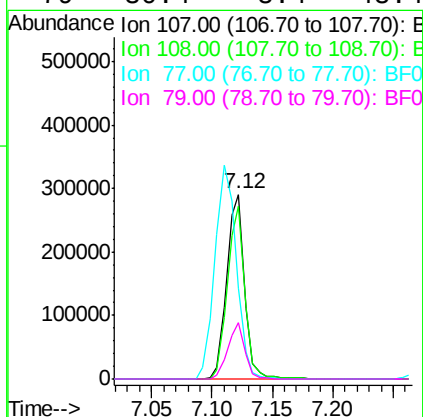
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

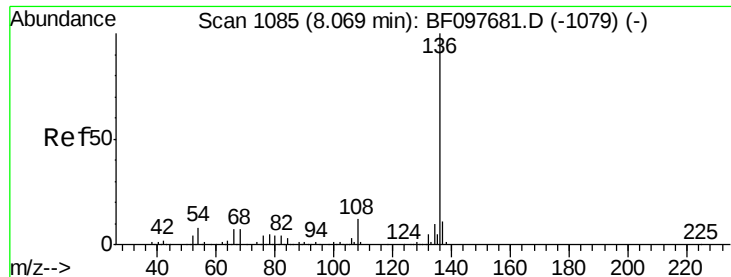
Tot Ion: 70 Resp: 214740
Ion Ratio Lower Upper
70 100
42 47.7 47.2 70.8
101 8.4 7.2 10.8
130 17.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.25 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion: 107 Resp: 298628
Ion Ratio Lower Upper
107 100
108 93.8 71.0 111.0
77 49.3 90.5 130.5#
79 30.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

Tot Ion:136 Resp: 398548

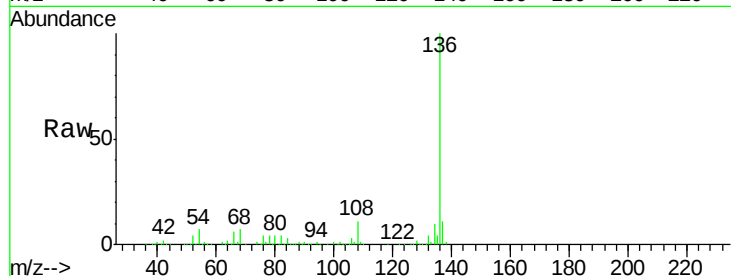
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 7.3 4.1 6.1#

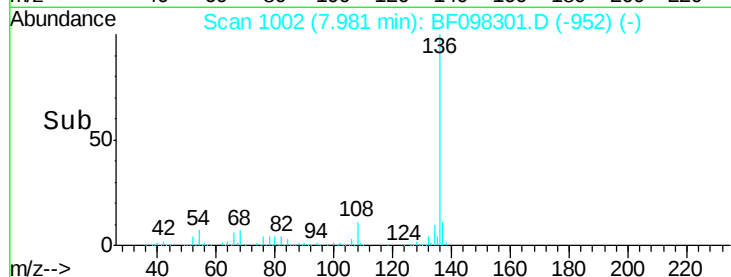


Abundance Ion 136.00 (135.70 to 136.70): E

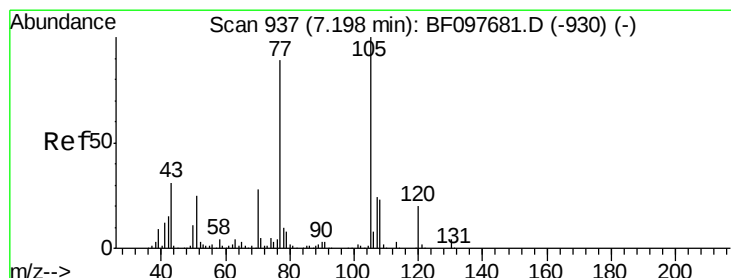
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.32 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Tgt Ion:105 Resp: 403464

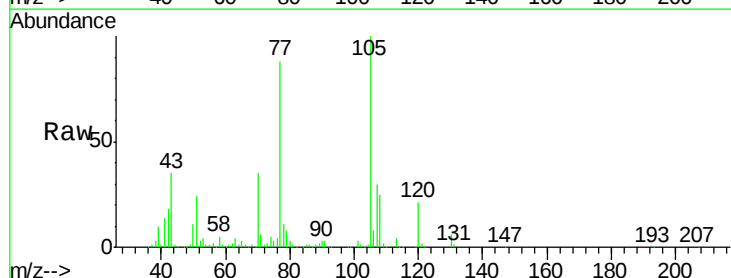
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 24.3 30.7 46.1#

120 20.8 17.4 26.0

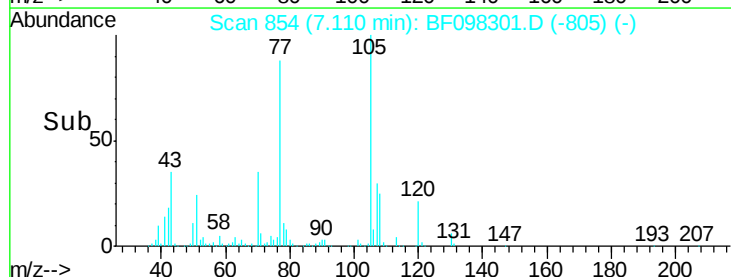


Abundance Ion 105.00 (104.70 to 105.70): E

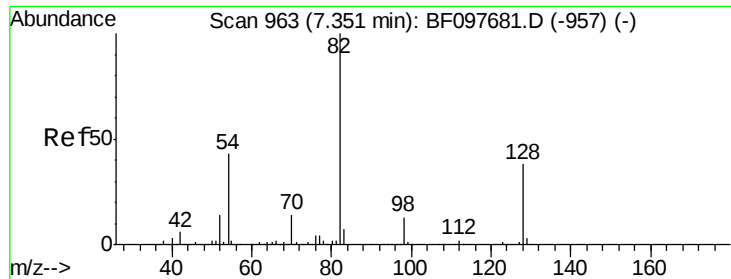
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



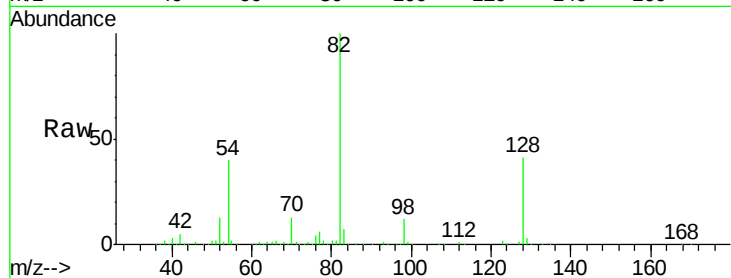
Time-->



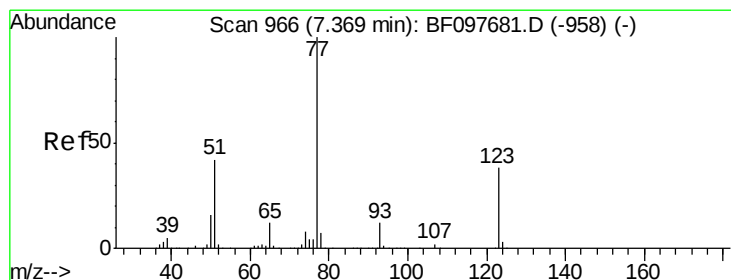
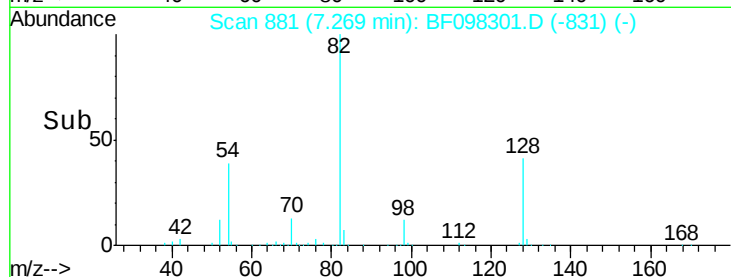
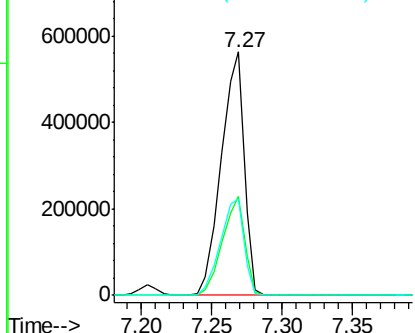
#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Tot Ion	82	Resp	638192
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.0	51.0
54	39.5	42.2	63.2#

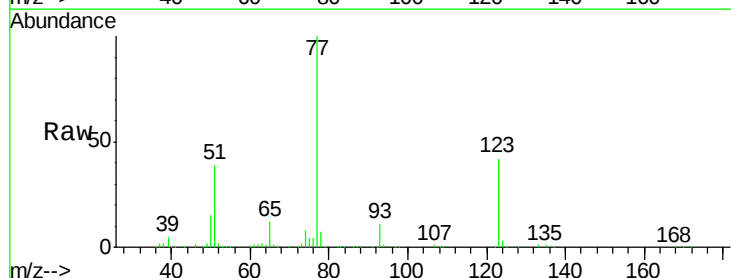


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

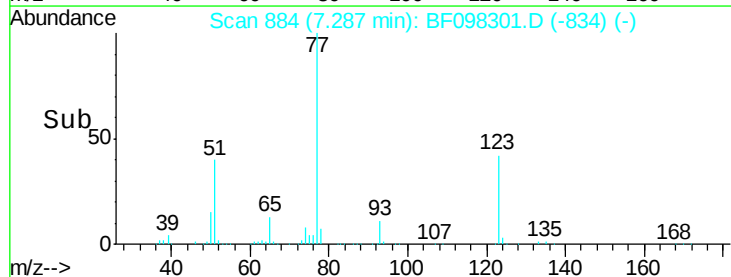
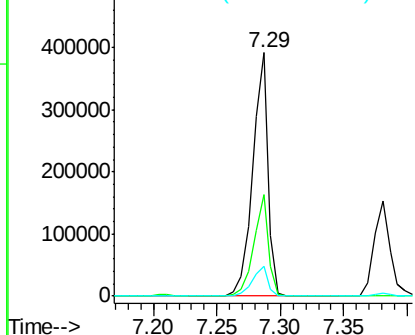


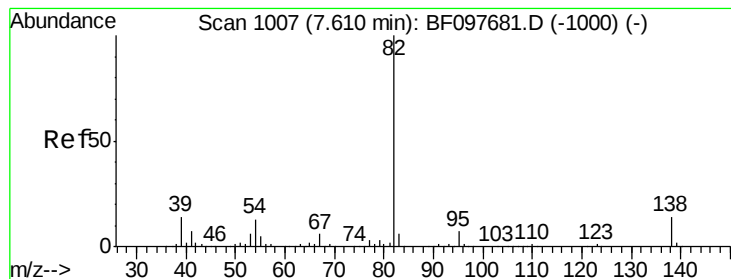
#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion	77	Resp	332338
Ion Ratio	Lower	Upper	
77	100		
123	41.5	35.8	53.8
65	12.3	10.6	15.8



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





#25

Isophorone

Concen: 37.96 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

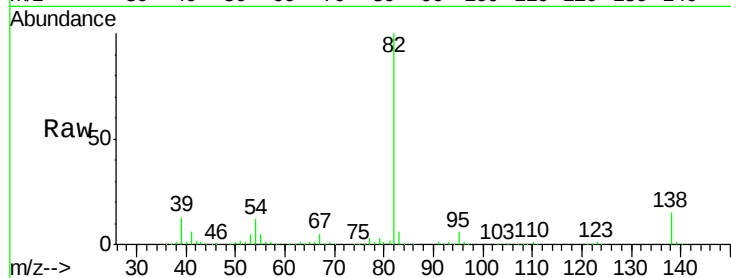
Tot Ion: 82 Resp: 579037

Ion Ratio Lower Upper

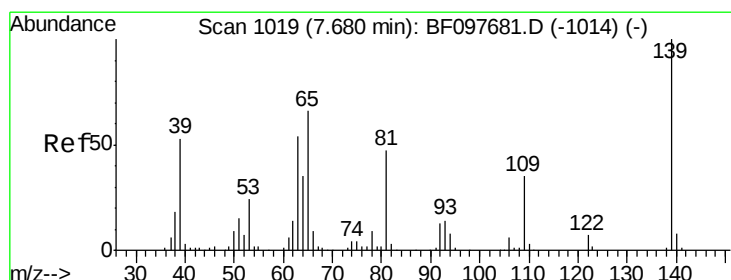
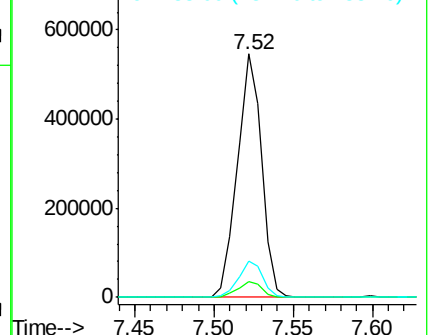
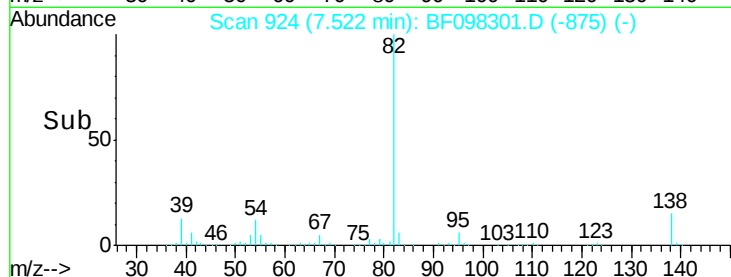
82 100

95 6.5 5.3 7.9

138 14.7 13.1 19.7



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: 38.36 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

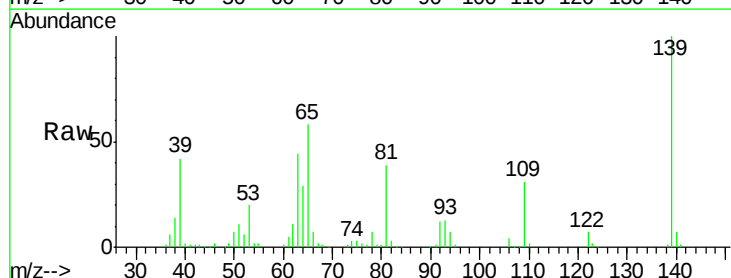
Tgt Ion: 139 Resp: 110028

Ion Ratio Lower Upper

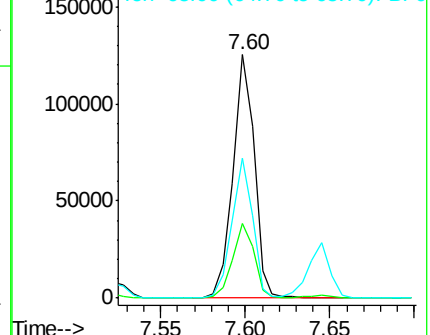
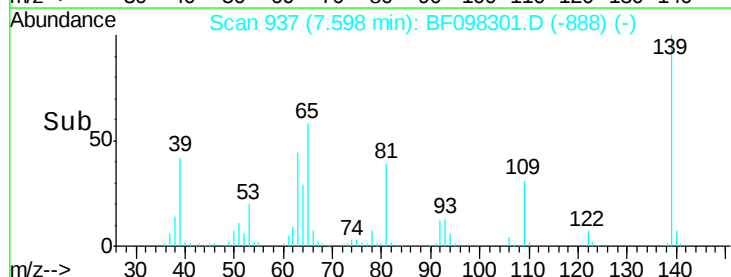
139 100

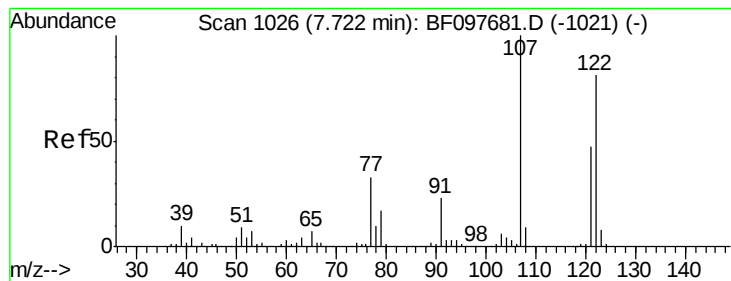
109 30.6 21.0 31.6

65 57.7 33.0 49.6#



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: 38.60 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

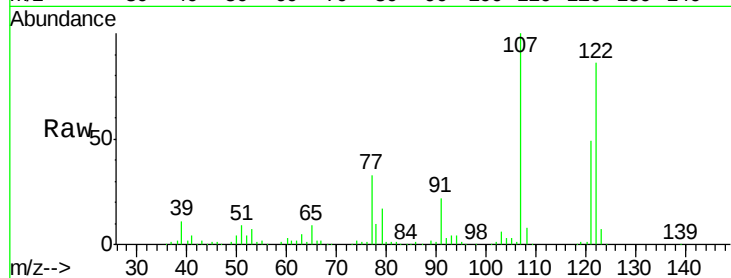
Tot Ion:122 Resp: 245550

Ion Ratio Lower Upper

122 100

107 116.4 89.2 133.8

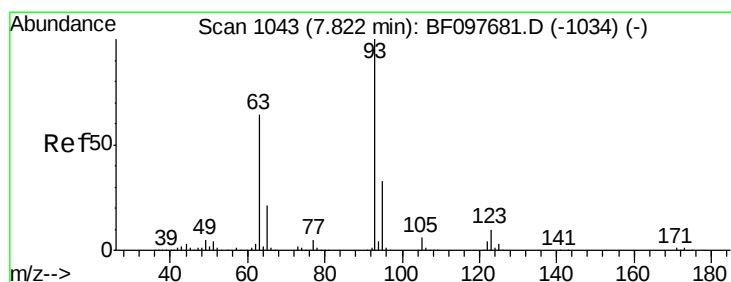
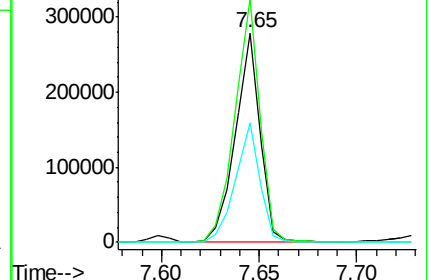
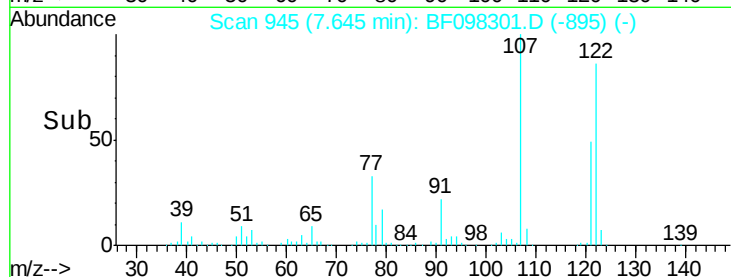
121 57.1 45.2 67.8



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: 38.22 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098301.D

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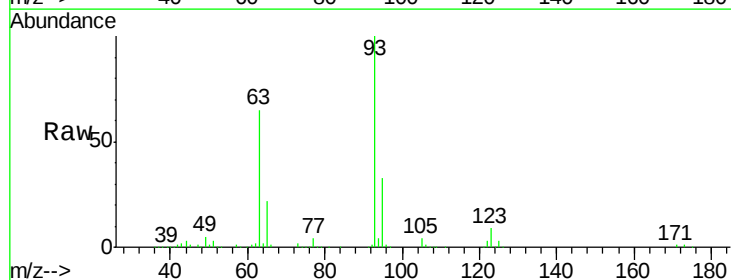
Tgt Ion: 93 Resp: 383306

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

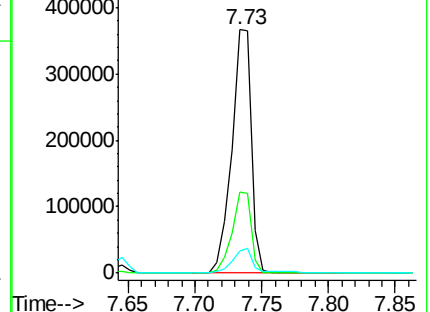
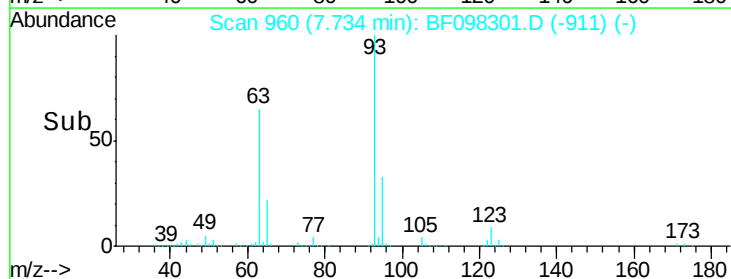
123 9.3 9.0 13.4

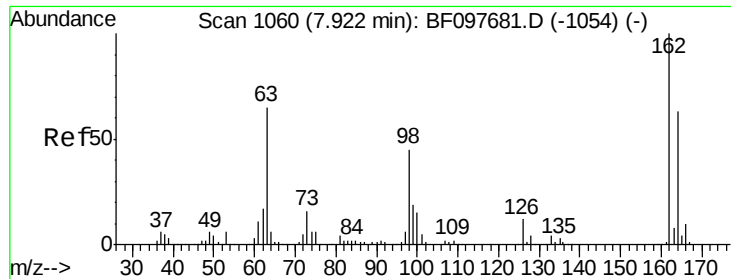


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

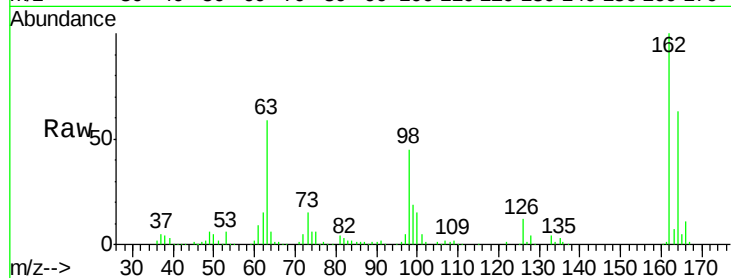




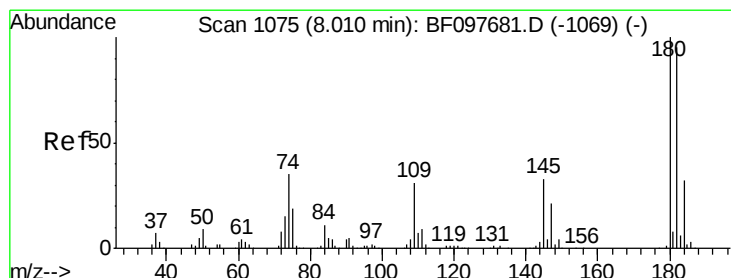
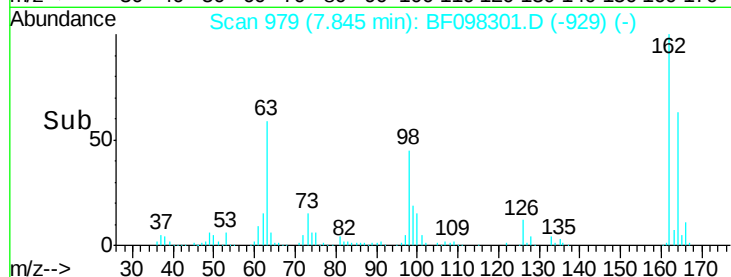
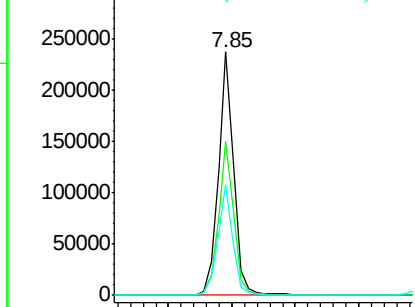
#29
 2,4-Dichlorophenol
 Concen: 38.29 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	45.2	14.8	54.8

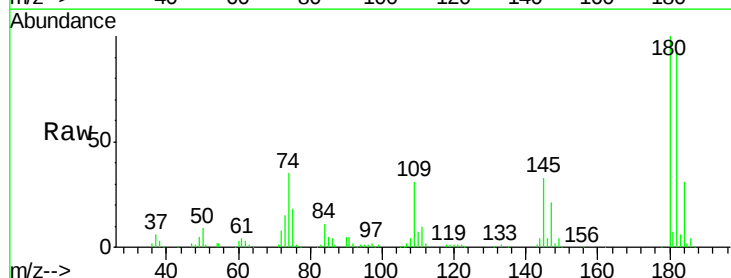


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

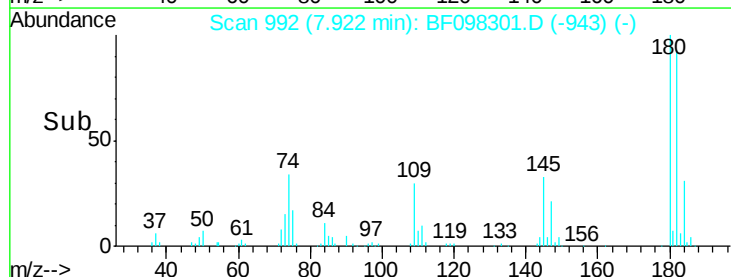
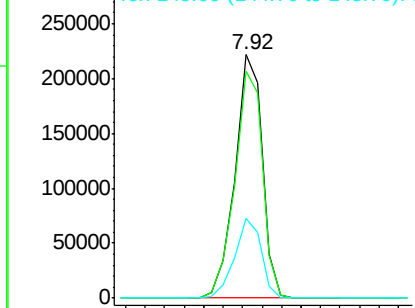


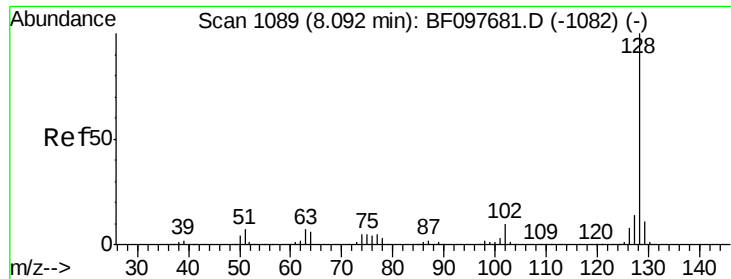
#30
 1,2,4-Trichlorobenzene
 Concen: 36.57 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	32.9	25.3	37.9



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

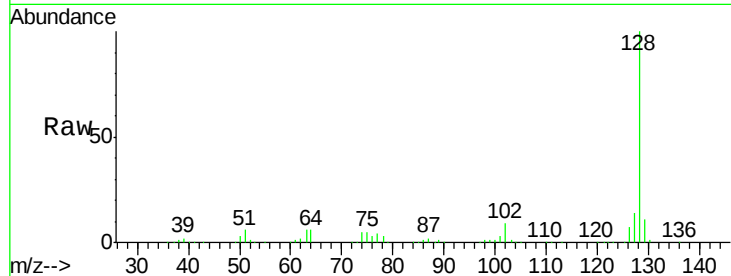




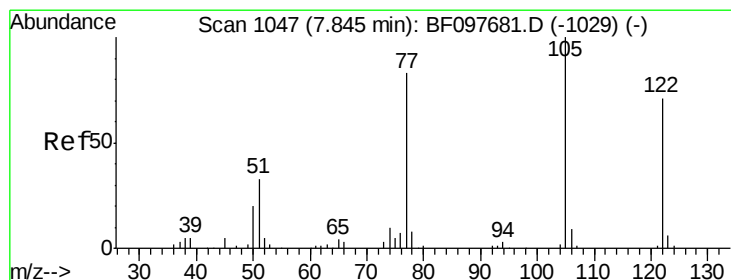
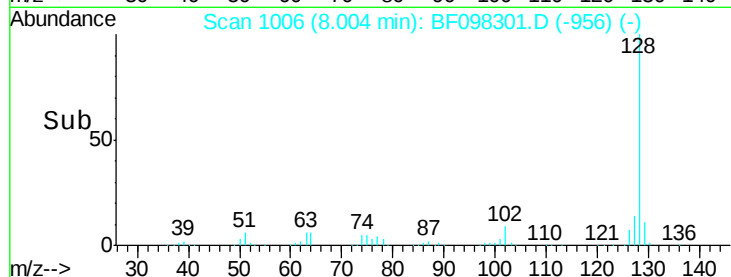
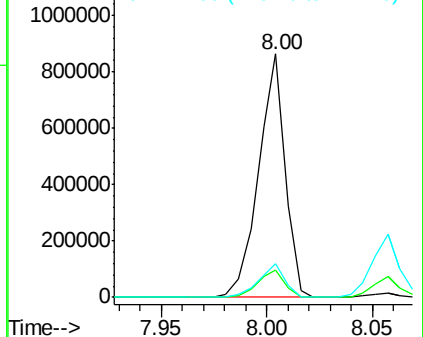
#31
Naphthalene
Concen: 36.49 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:128 Resp: 755056
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

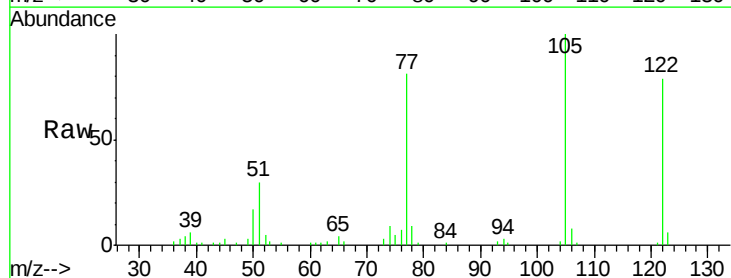


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

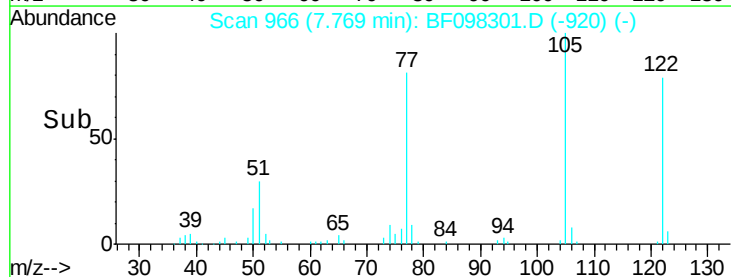
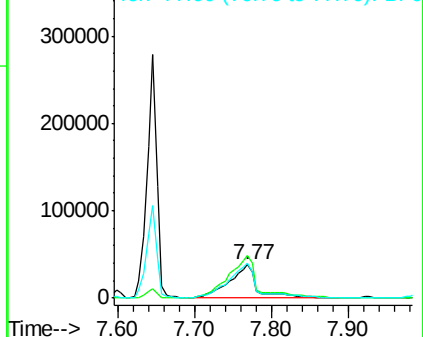


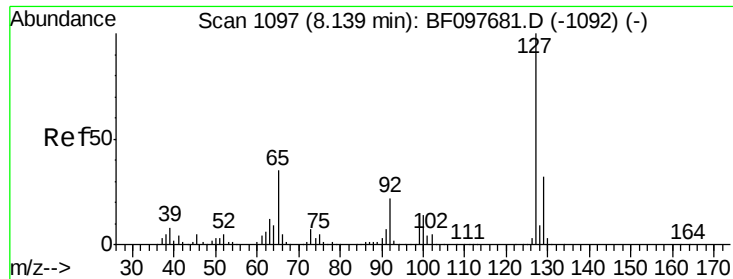
#32
Benzoic acid
Concen: 24.05 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:122 Resp: 94377
Ion Ratio Lower Upper
122 100
105 126.9 103.3 143.3
77 102.9 73.7 113.7



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

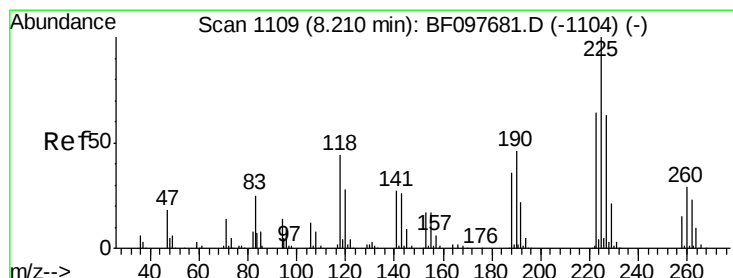
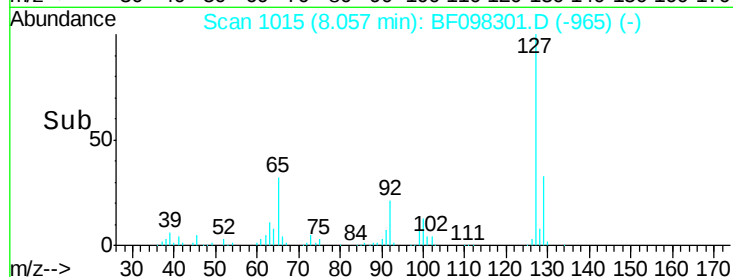
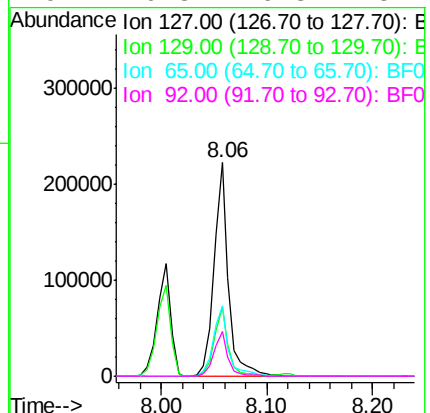
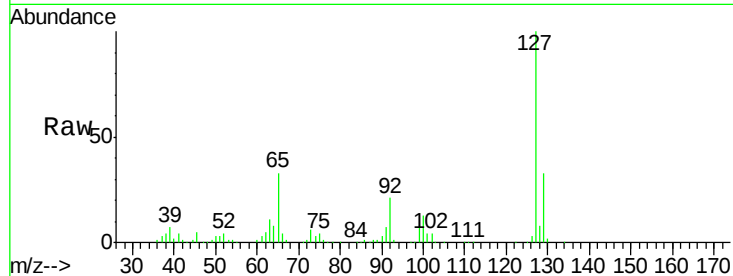




#33
4-Chloroaniline
Concen: 24.56 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

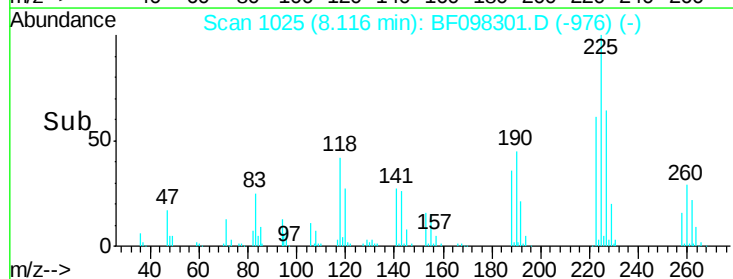
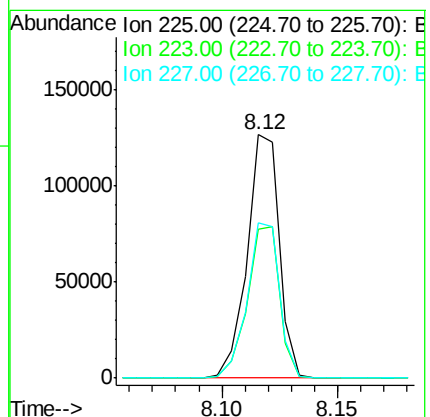
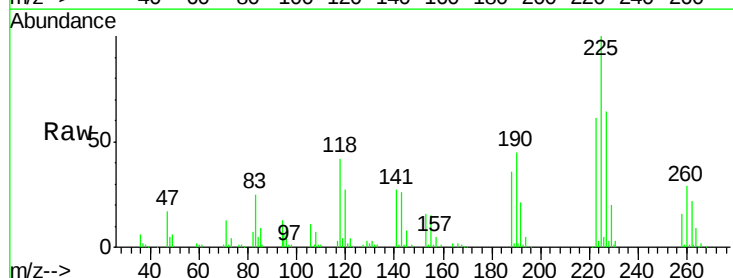
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

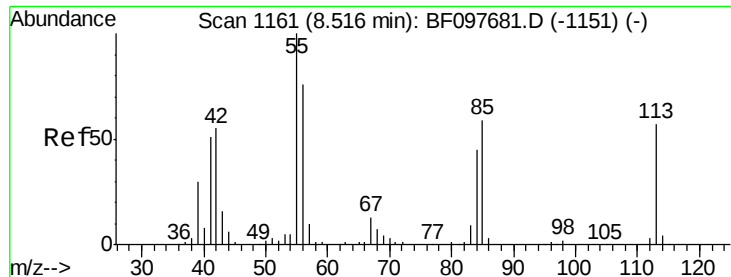
Tot Ion:	127	Resp:	214325
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.0	27.8	41.8
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.09 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:	225	Resp:	123350
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	63.8	51.1	76.7

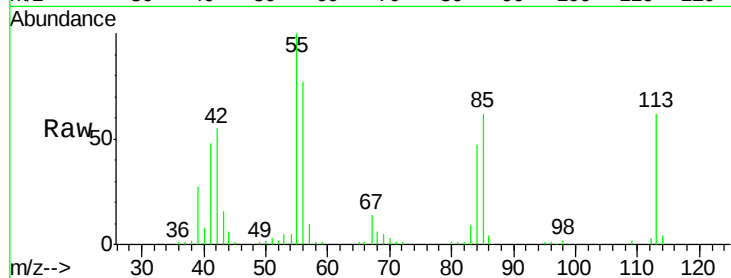




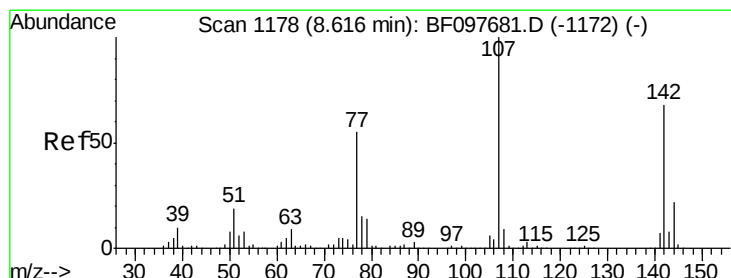
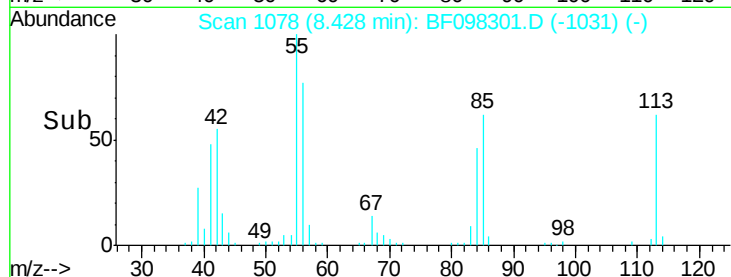
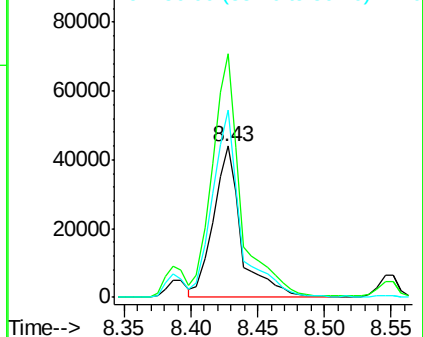
#35
Caprolactam
Concen: 36.11 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:113 Resp: 64831
Ion Ratio Lower Upper
113 100
55 161.2 150.2 190.2
56 124.4 107.8 147.8

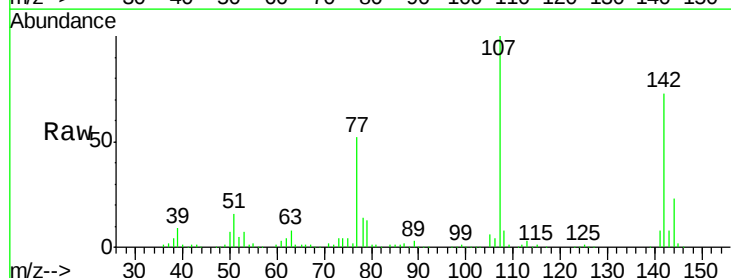


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

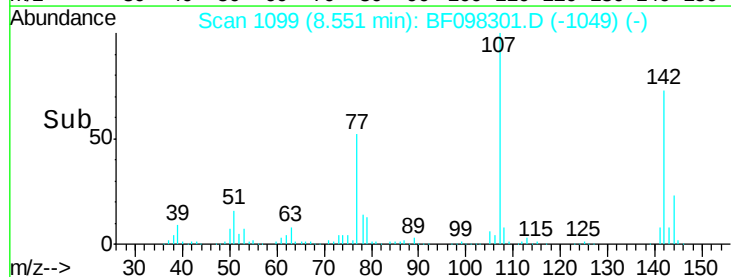
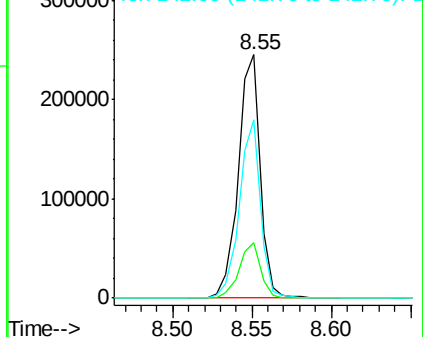


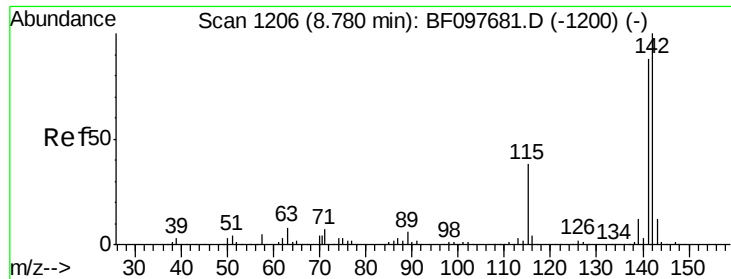
#36
4-Chloro-3-methylphenol
Concen: 34.65 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:107 Resp: 235112
Ion Ratio Lower Upper
107 100
144 22.8 24.2 36.4#
142 73.0 73.4 110.0#



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

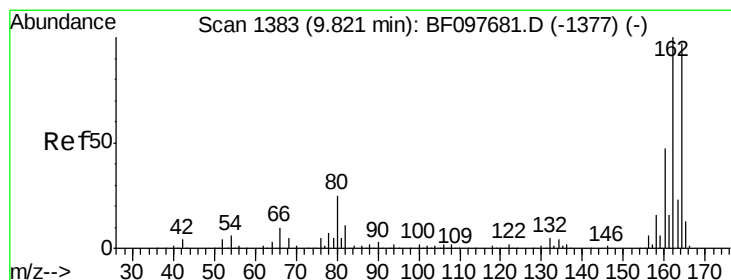
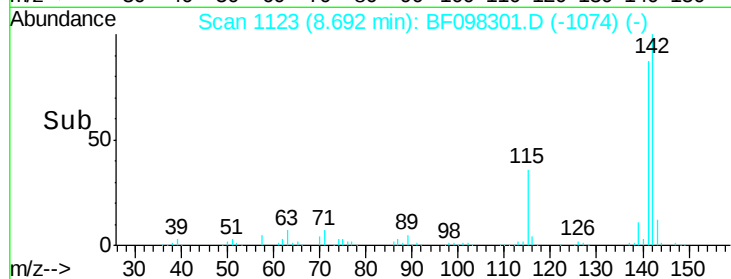
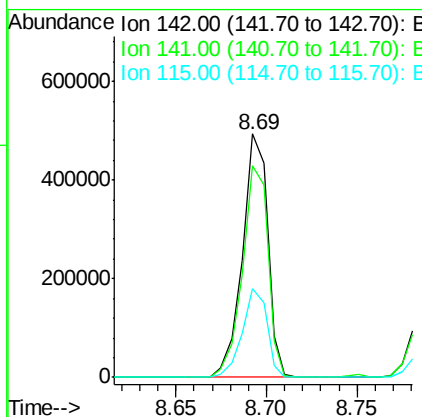
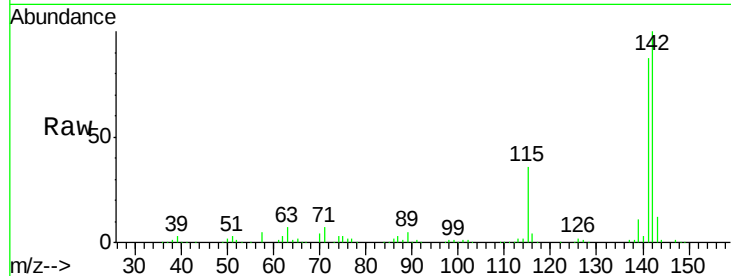




#37
 2-Methylnaphthalene
 Concen: 37.67 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

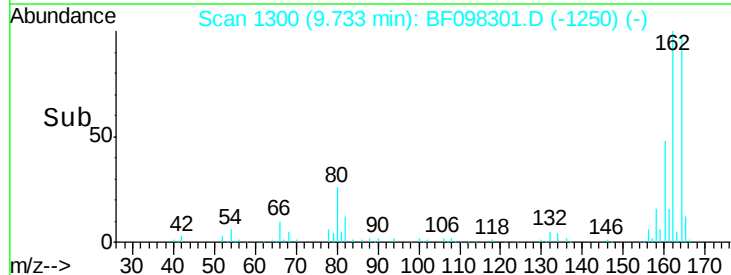
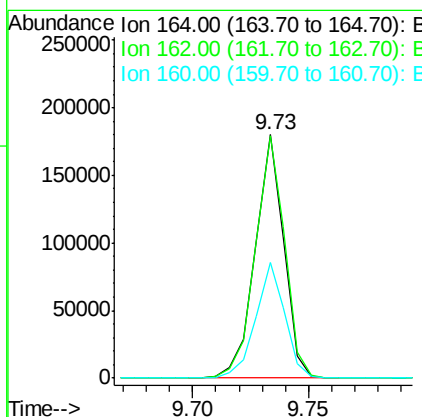
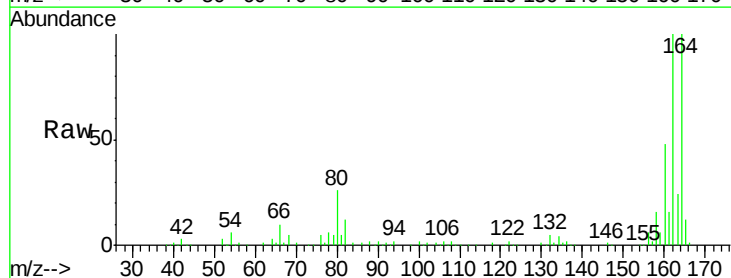
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

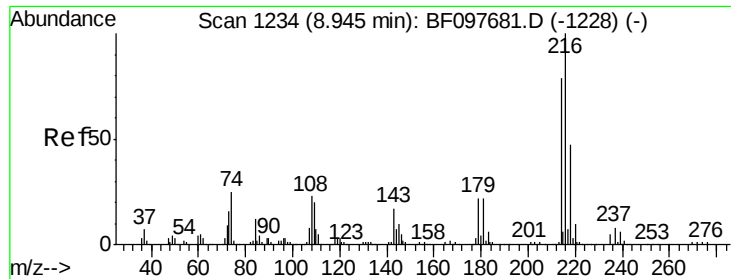
Tot Ion:142 Resp: 477900
 Ion Ratio Lower Upper
 142 100
 141 87.1 71.3 106.9
 115 36.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:164 Resp: 155651
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 47.6 36.2 54.2

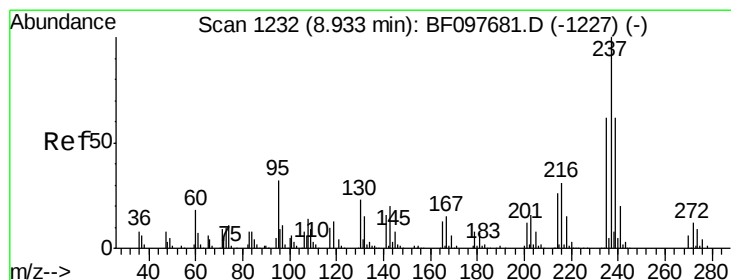
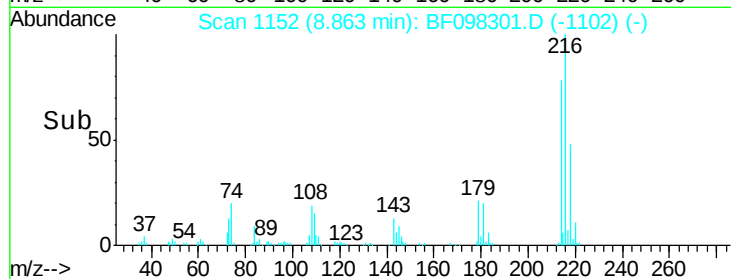
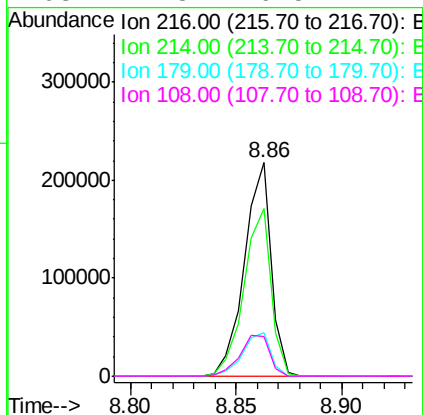
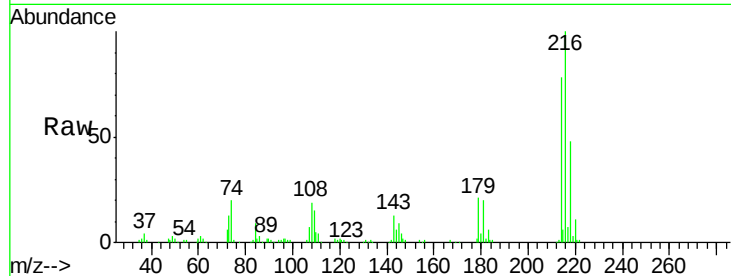




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.27 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

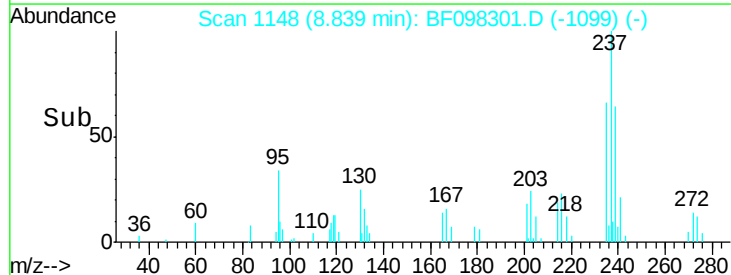
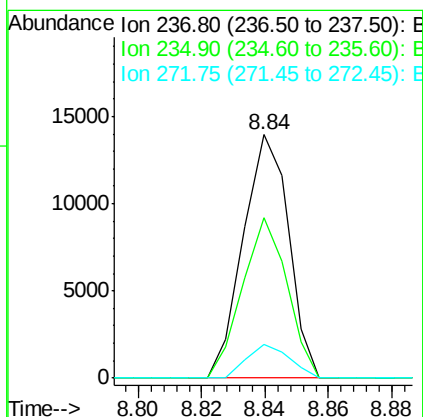
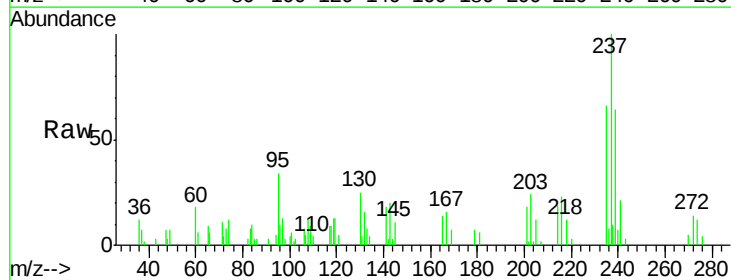
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

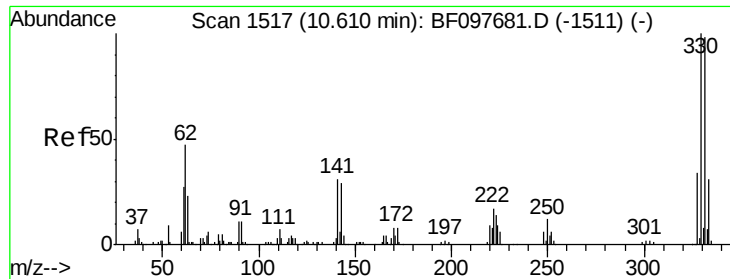
Tot Ion:	216	Resp:	192358
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.4	95.2
179	21.5	17.9	26.9
108	21.8	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 6.04 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:	237	Resp:	13869
Ion Ratio		Lower	Upper
237	100		
235	65.8	42.6	82.6
272	14.0	0.0	31.9

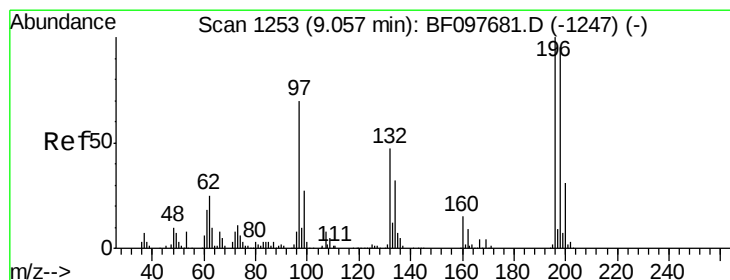
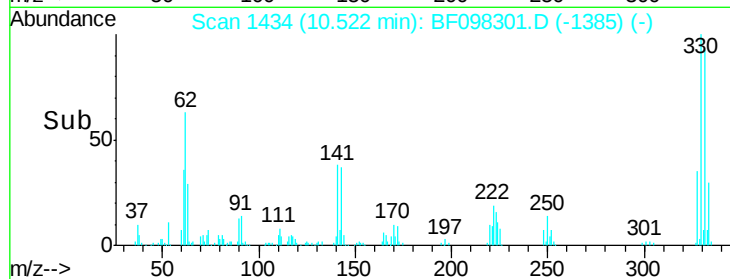
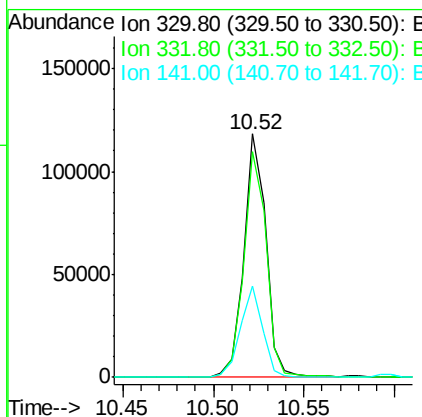
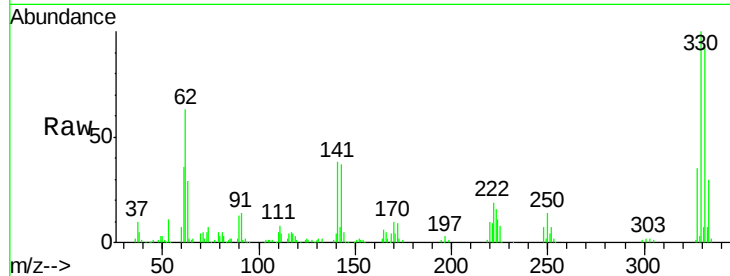




#41
 2,4,6-Tribromophenol
 Concen: 74.49 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

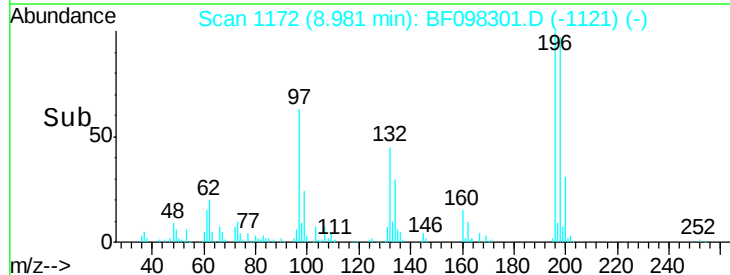
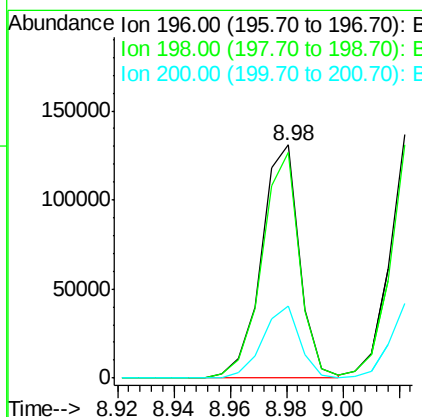
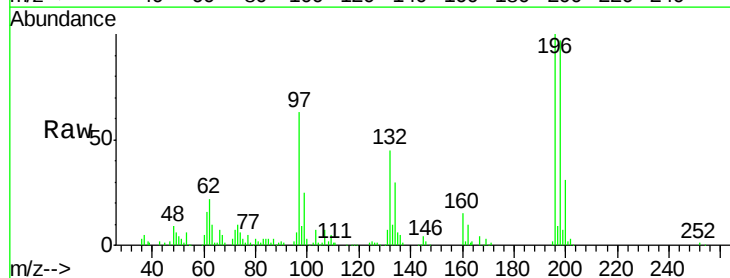
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.9	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.25 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	30.6	24.0	36.0

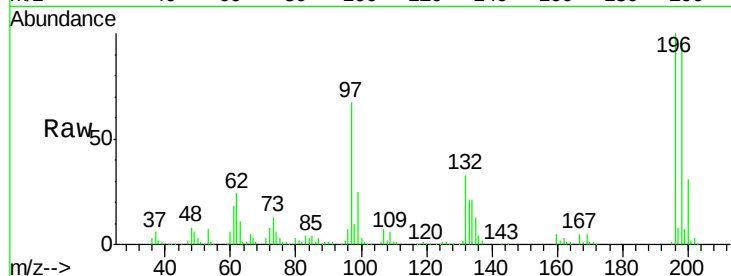




#43
 2,4,5-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		123598		
198	95.7	75.7	113.5		
97	66.7	47.7	71.5		
132	32.7	28.0	42.0		



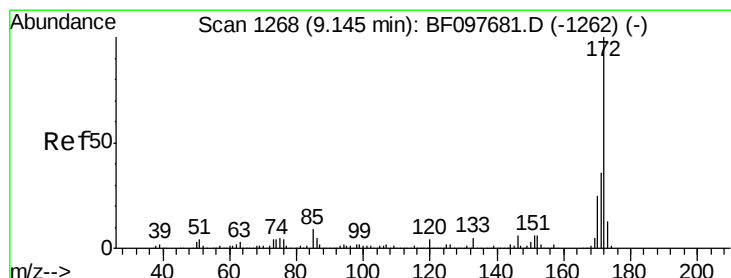
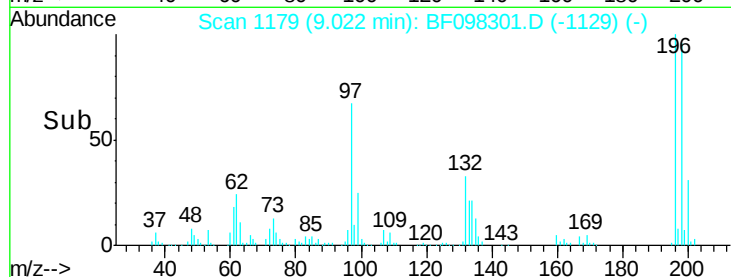
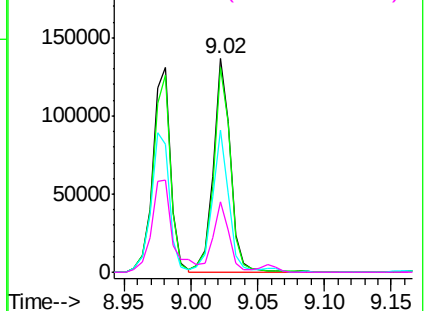
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

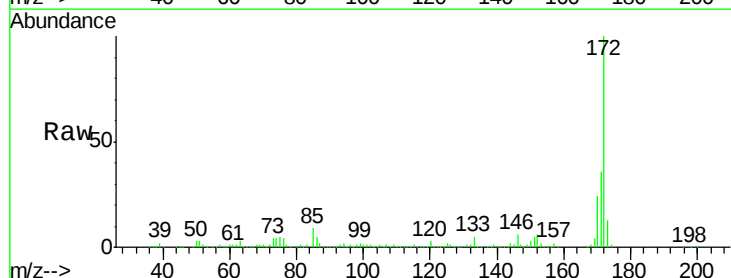
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.16 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		934029		
171	35.8	29.6	44.4		
170	24.2	19.8	29.8		

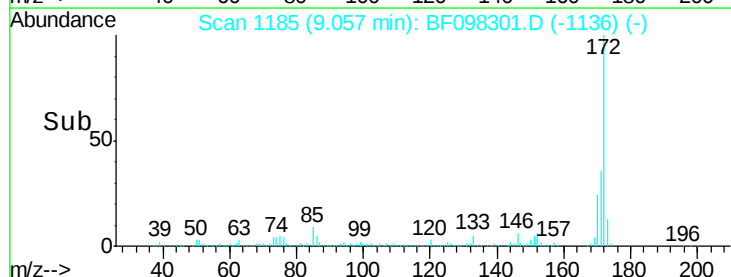
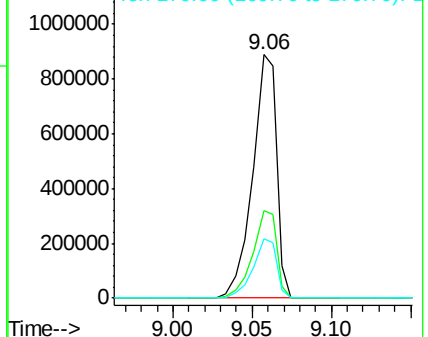


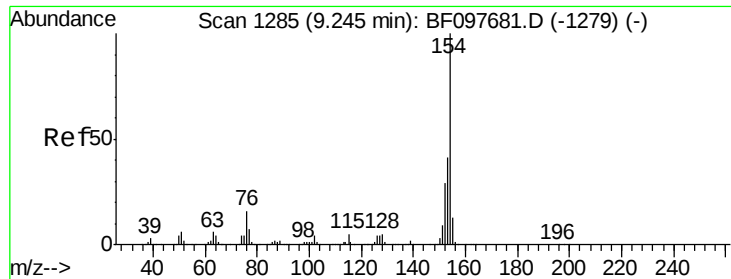
Abundance

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

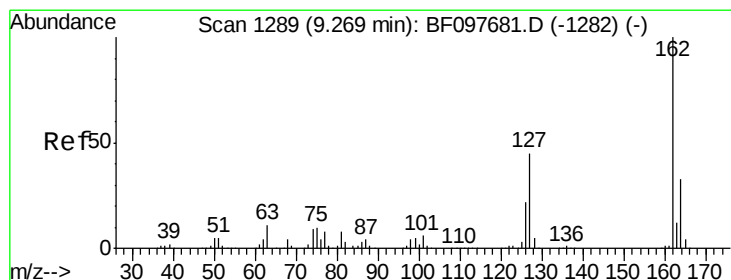
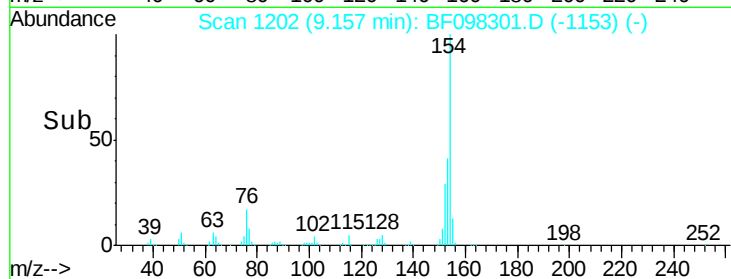
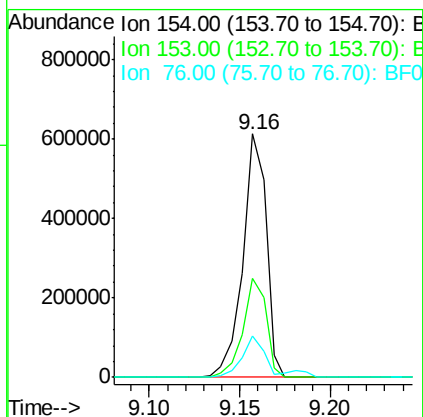
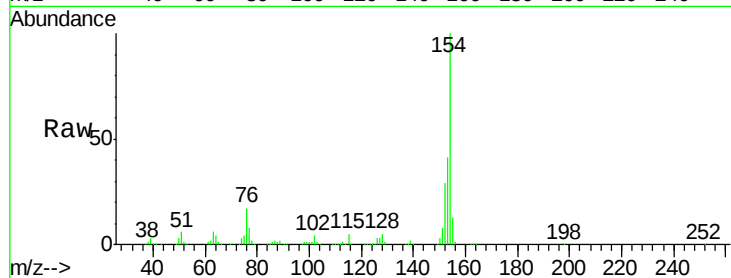




#45
 1,1'-Biphenyl
 Concen: 38.74 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

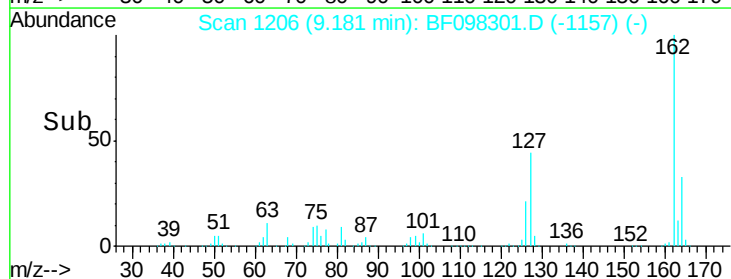
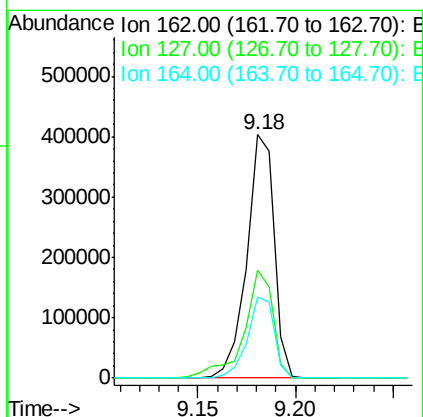
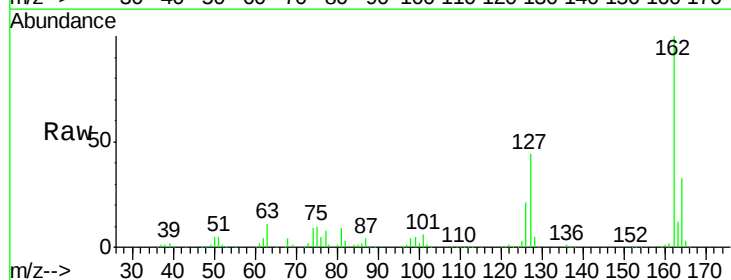
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

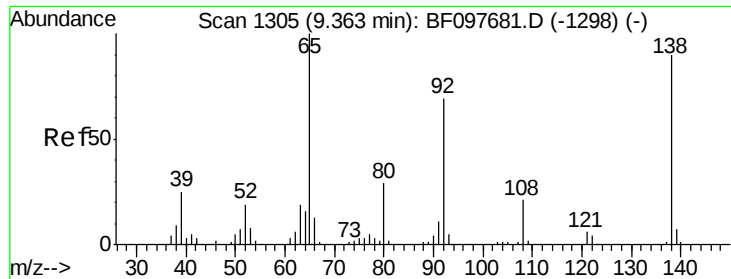
Tot Ion:154 Resp: 549918
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 17.0 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 37.25 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:162 Resp: 390624
 Ion Ratio Lower Upper
 162 100
 127 44.5 28.3 42.5#
 164 33.1 27.0 40.4

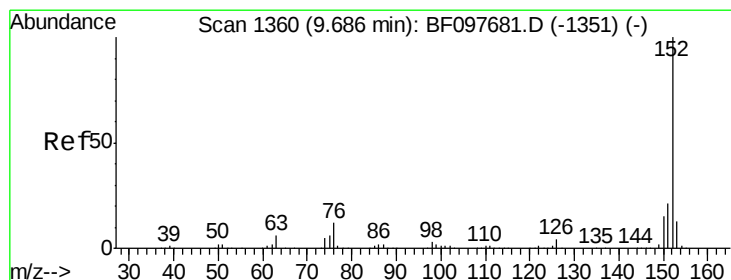
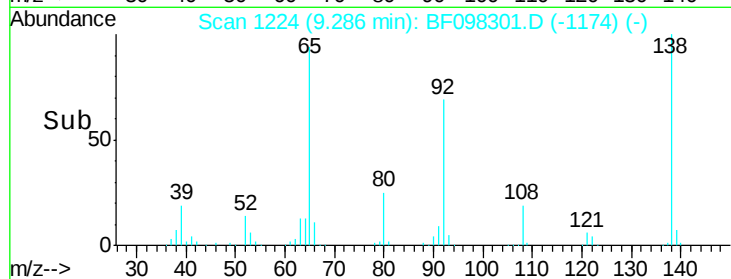
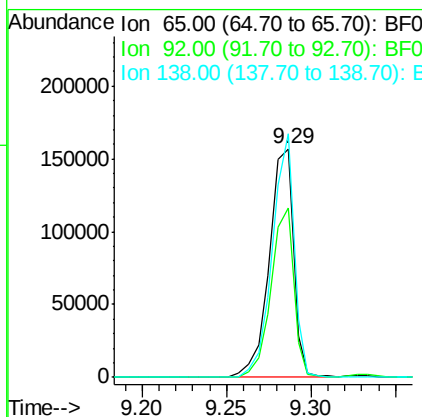
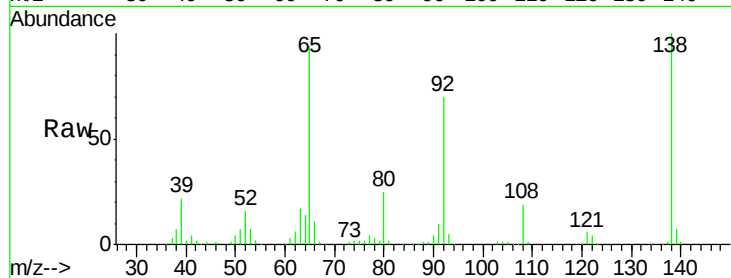




#47
2-Nitroaniline
Concen: 44.64 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

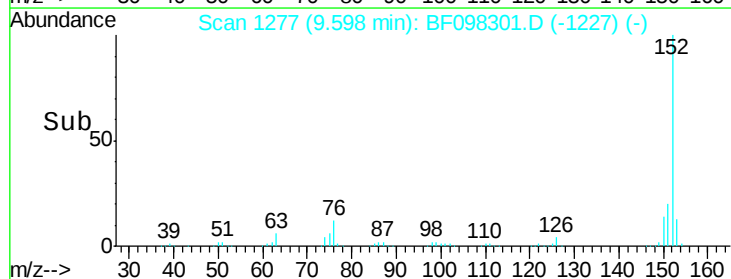
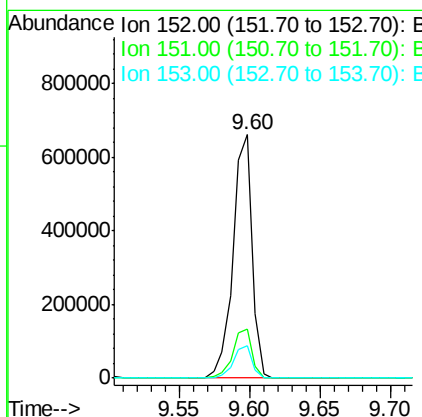
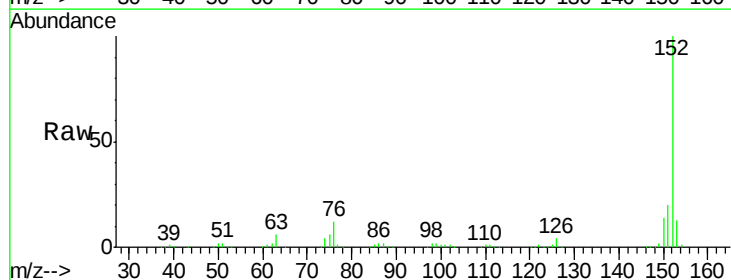
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

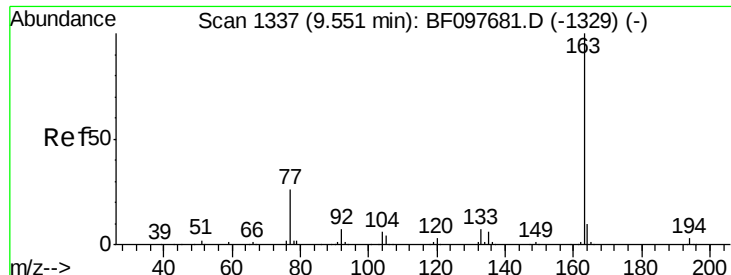
Tot Ion: 65 Resp: 156953
Ion Ratio Lower Upper
65 100
92 74.3 53.9 80.9
138 106.7 78.8 118.2



#48
Acenaphthylene
Concen: 37.60 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion: 152 Resp: 619241
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.3 10.8 16.2

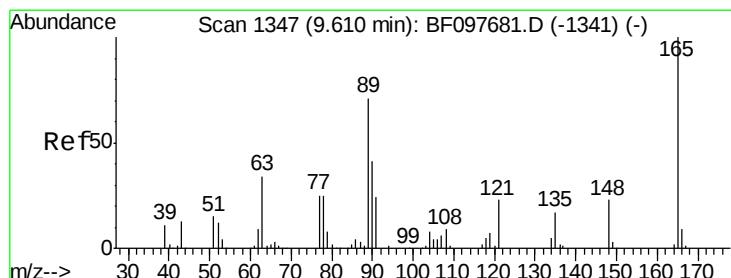
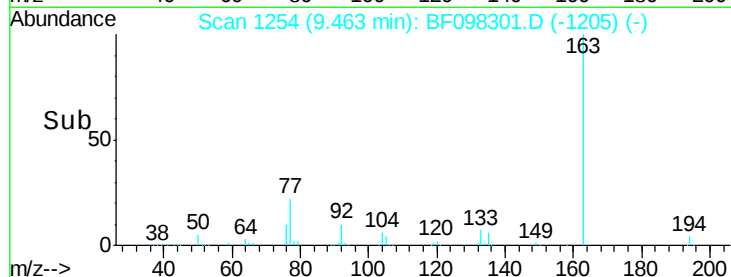
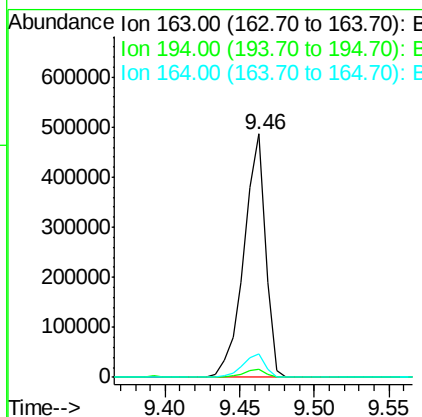
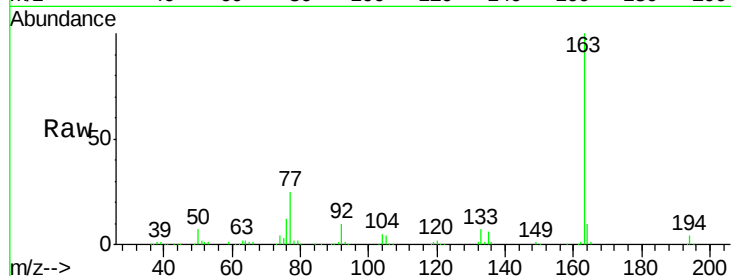




#49
Dimethylphthalate
Concen: 42.93 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

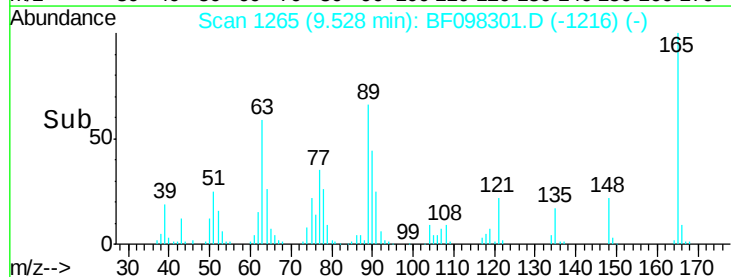
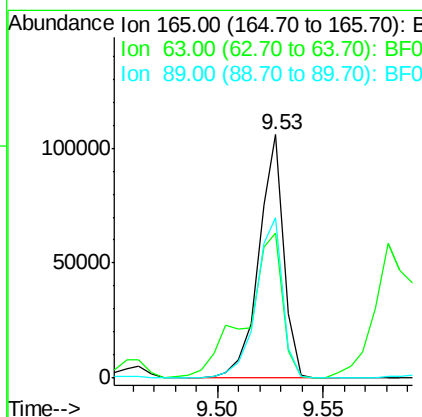
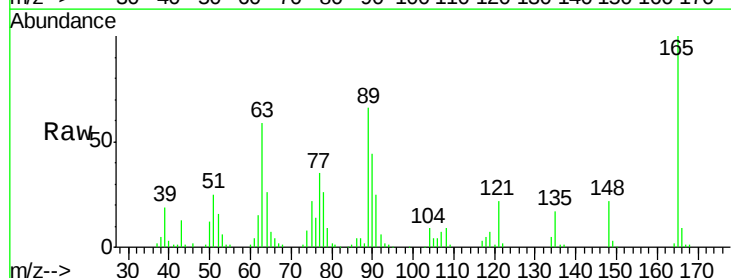
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

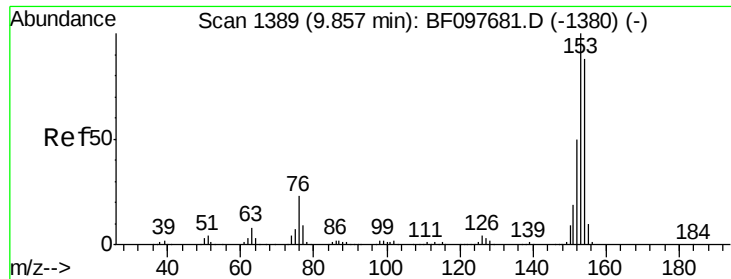
Tot Ion:163 Resp: 488429
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 38.06 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:165 Resp: 86428
Ion Ratio Lower Upper
165 100
63 59.4 34.3 51.5#
89 66.0 37.1 55.7#





#51

Acenaphthene

Concen: 34.79 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

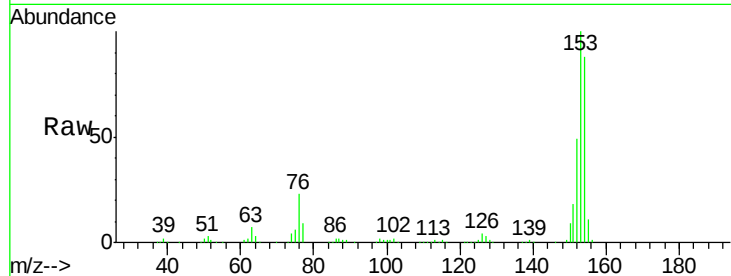
Tot Ion:154 Resp: 361351

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

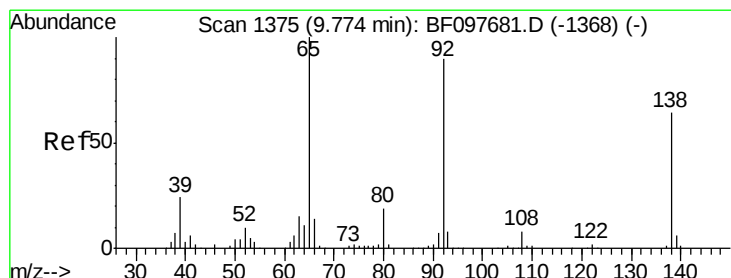
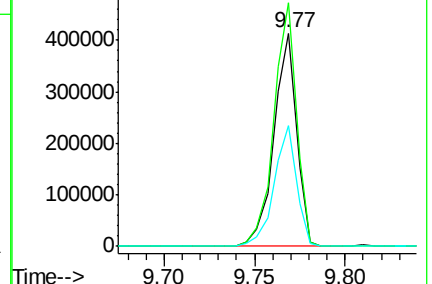
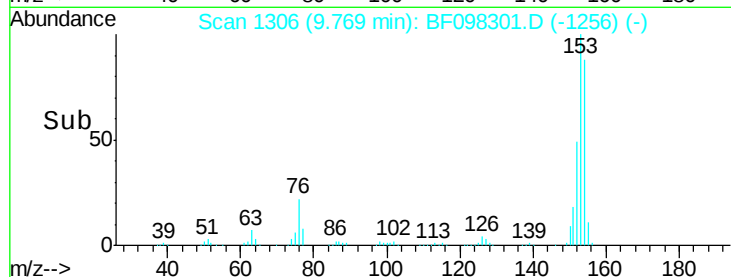
152 56.5 43.6 65.4



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: 38.96 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

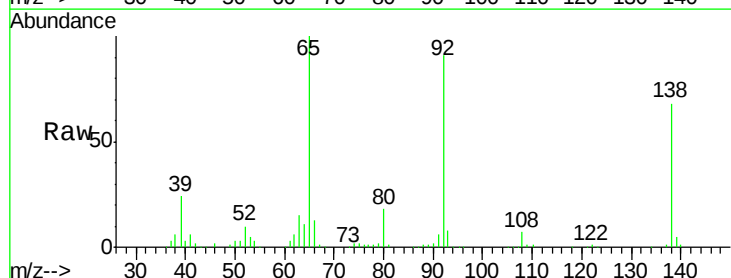
Tgt Ion:138 Resp: 114163

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

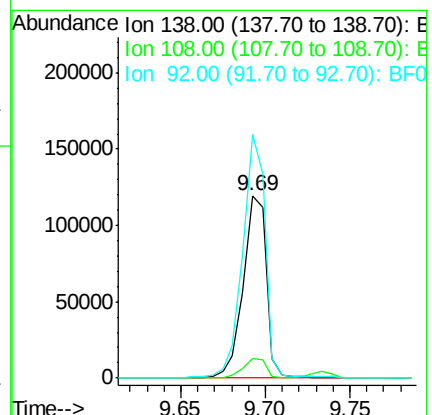
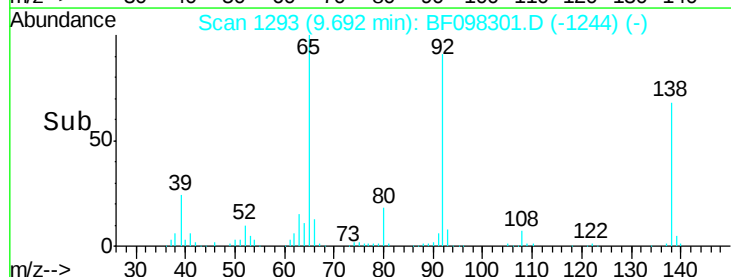
92 133.3 93.8 140.6

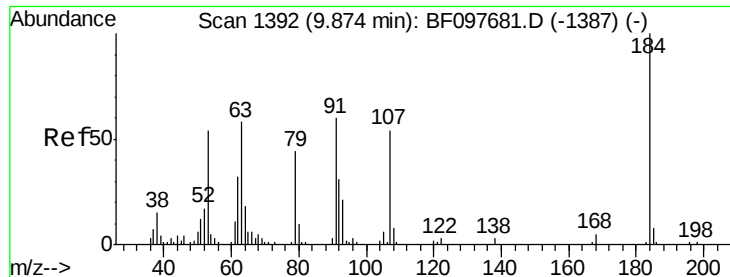


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

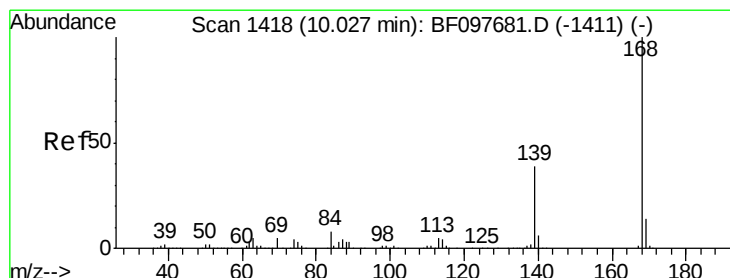
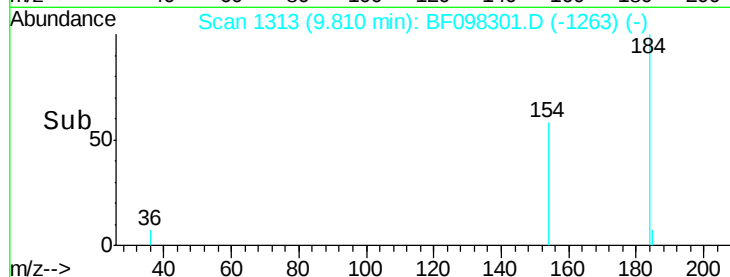
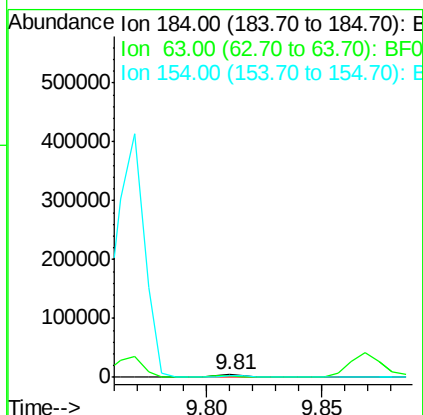
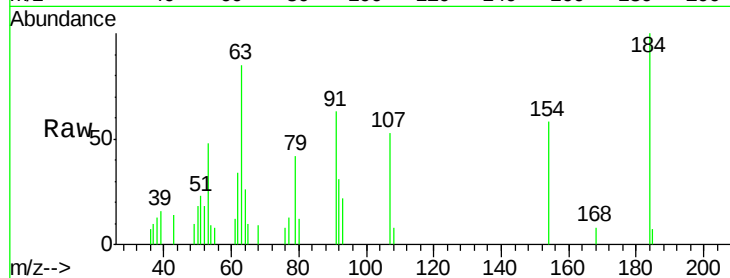




#53
2,4-Dinitrophenol
Concen: 13.89 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

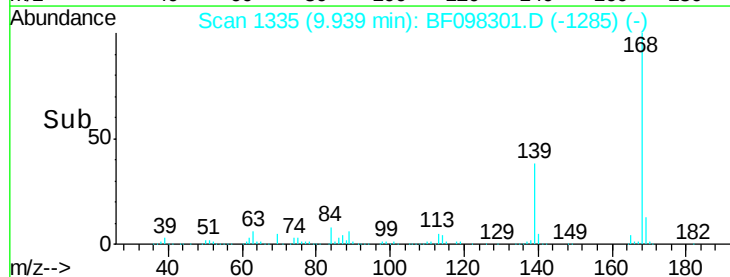
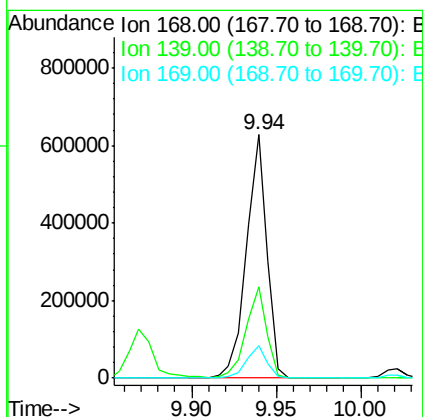
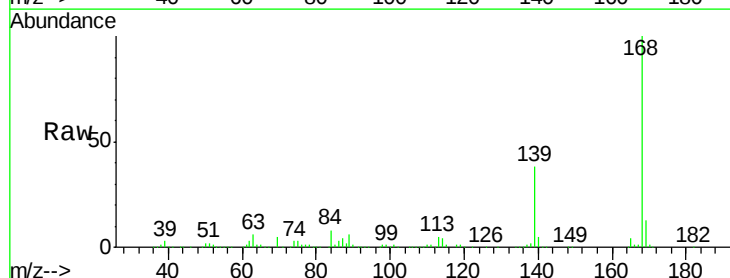
Instrument :
BNA_F
ClientSampled :
PB102084BSD

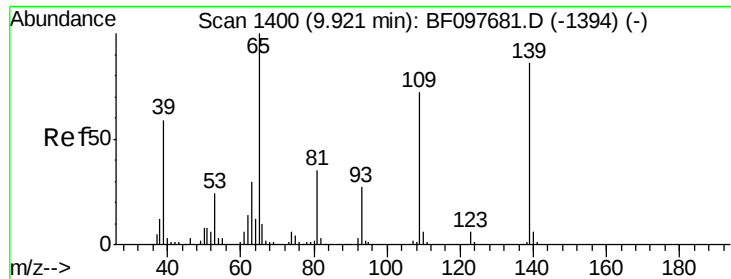
Tot Ion:184 Resp: 4631
Ion Ratio Lower Upper
184 100
63 85.0 62.7 94.1
154 58.0 81.1 121.7#



#54
Dibenzofuran
Concen: 38.31 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:168 Resp: 533336
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 13.3 10.8 16.2

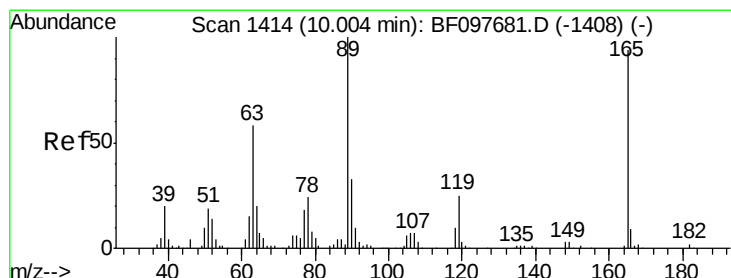
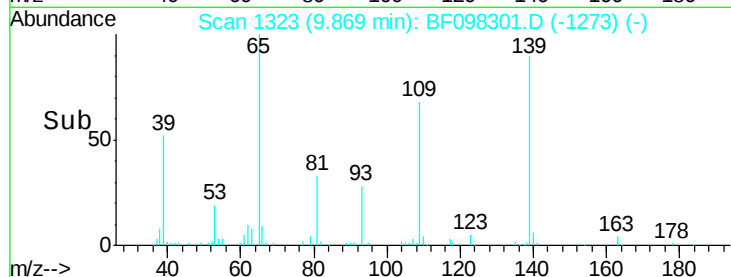
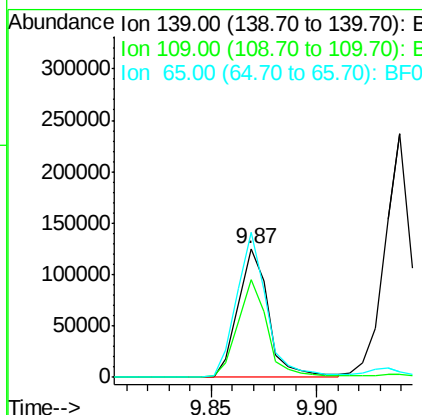
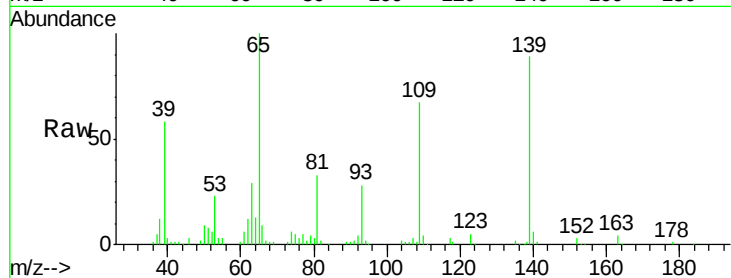




#55
4-Nitrophenol
Concen: 53.68 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

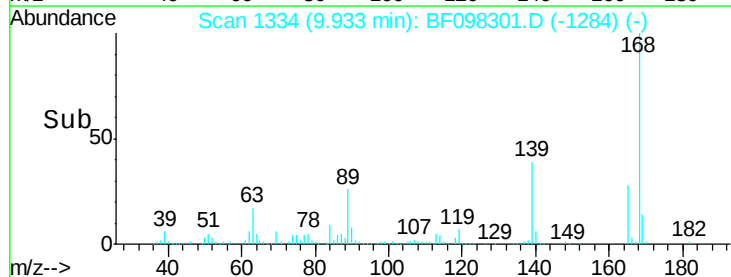
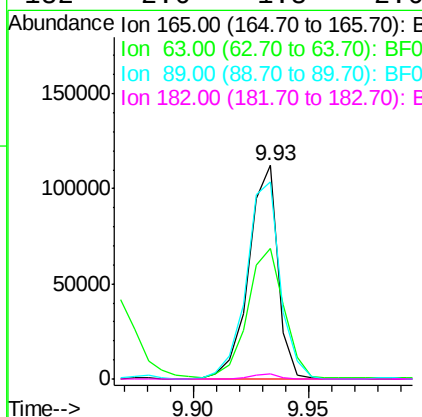
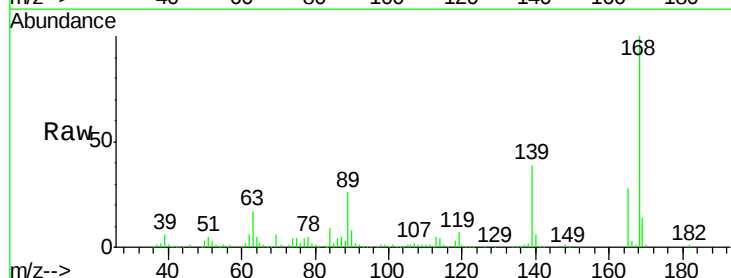
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

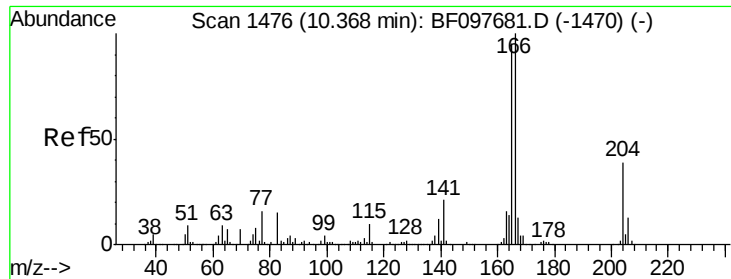
Tot Ion:139 Resp: 125464
Ion Ratio Lower Upper
139 100
109 75.5 34.1 74.1#
65 112.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.96 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:165 Resp: 99631
Ion Ratio Lower Upper
165 100
63 60.9 25.4 38.0#
89 92.4 46.4 69.6#
182 2.6 1.8 2.6

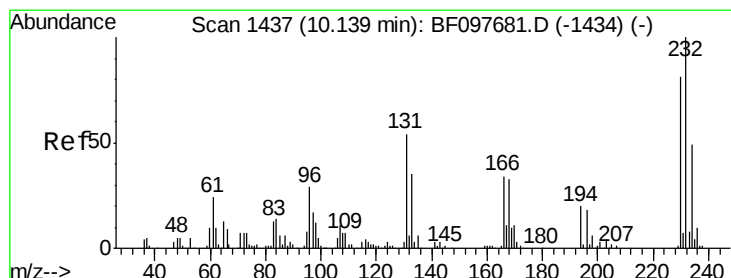
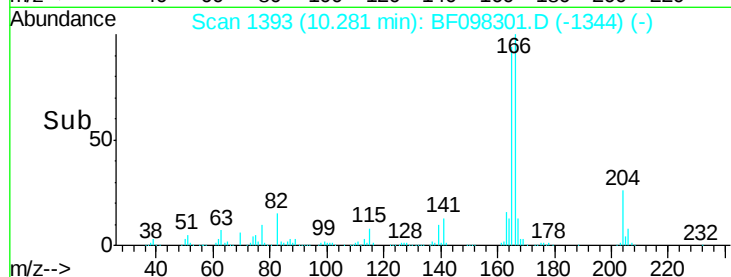
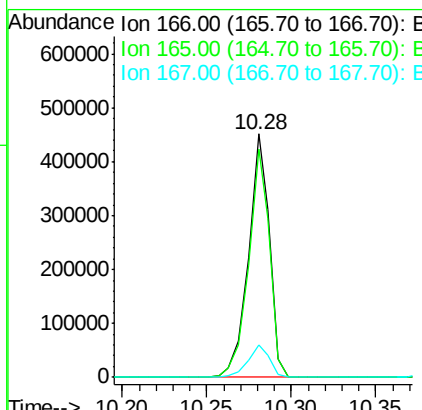
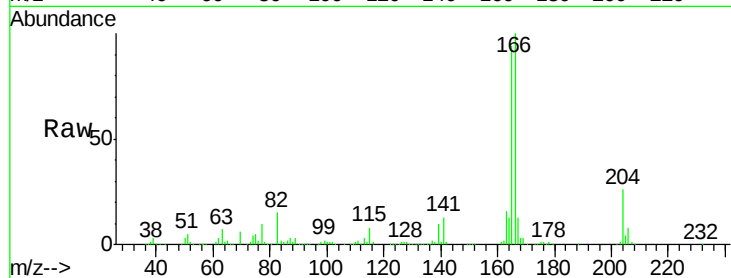




#57
Fluorene
 Concen: 36.42 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

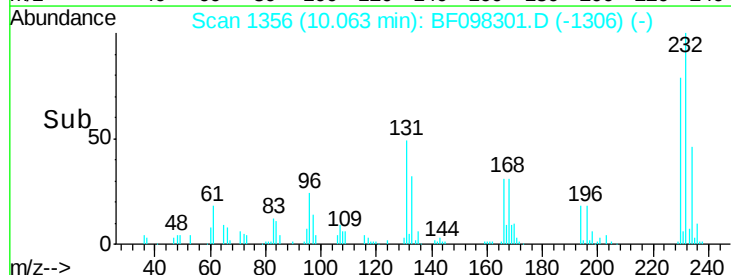
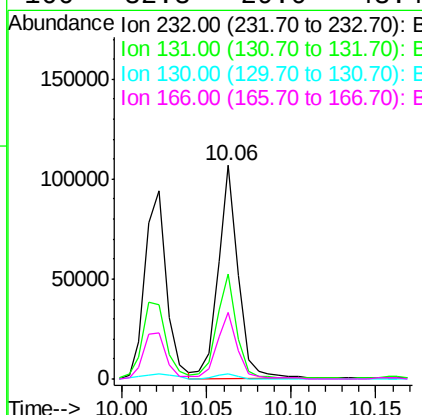
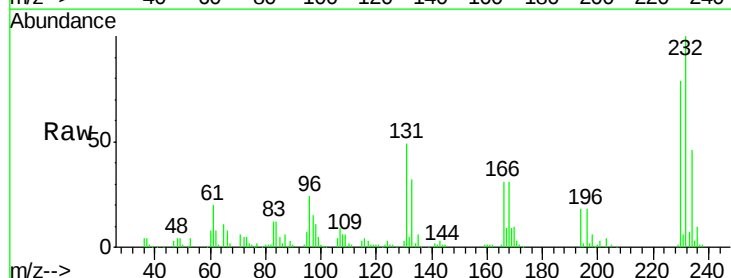
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

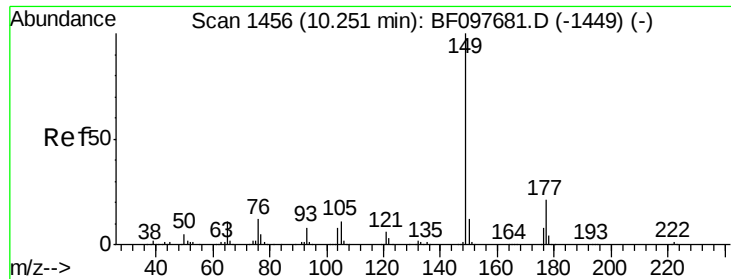
Tot Ion:166 Resp: 391991
 Ion Ratio Lower Upper
 166 100
 165 93.8 78.8 118.2
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.97 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:232 Resp: 88601
 Ion Ratio Lower Upper
 232 100
 131 50.0 44.8 67.2
 130 2.4 2.3 3.5
 166 32.3 29.0 43.4

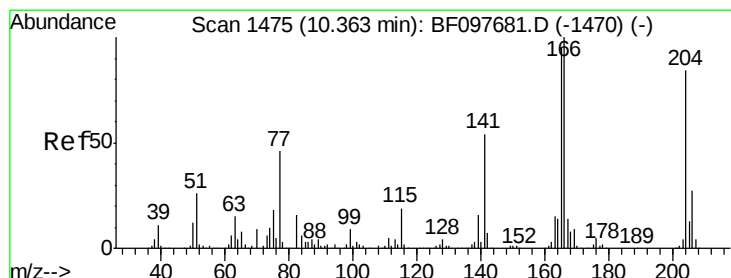
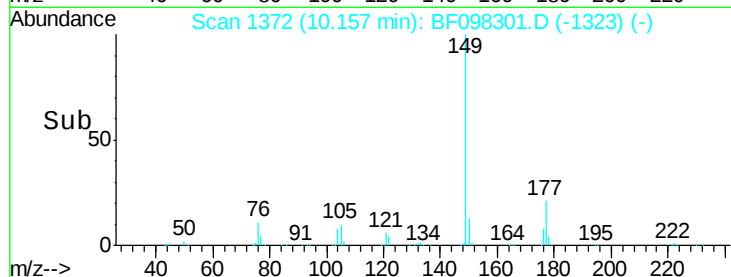
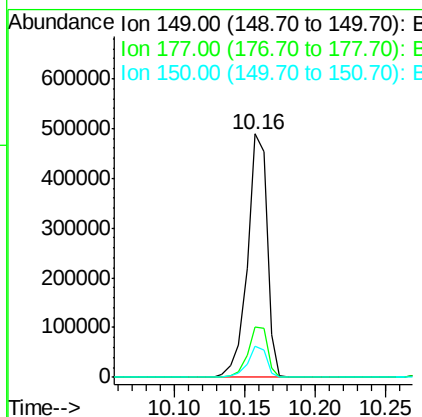
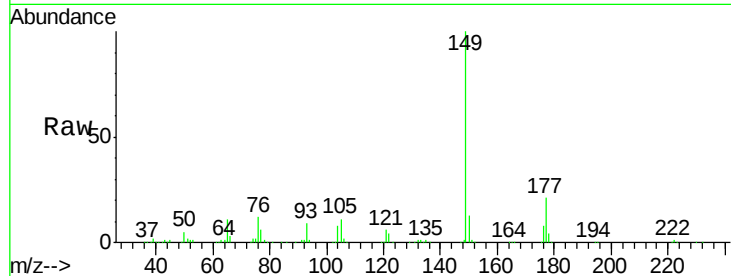




#59
Diethylphthalate
Concen: 40.03 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

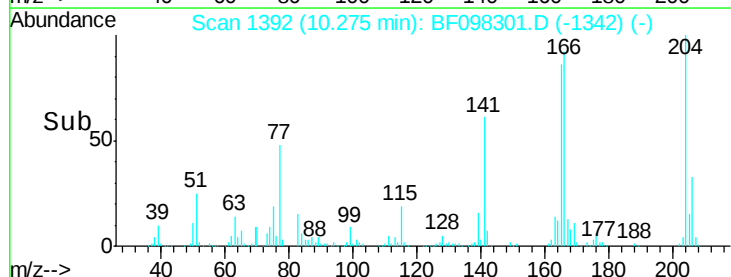
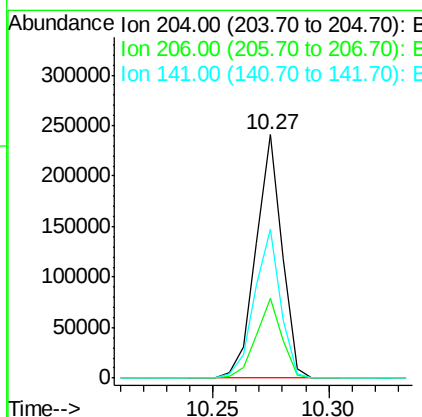
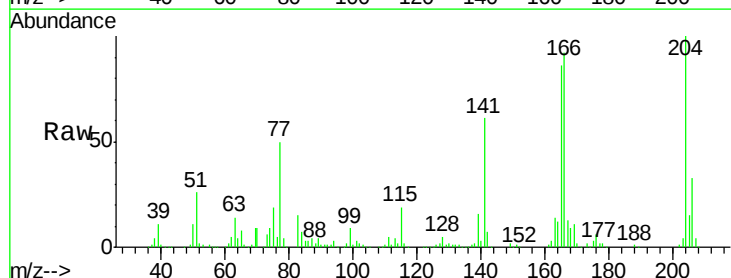
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

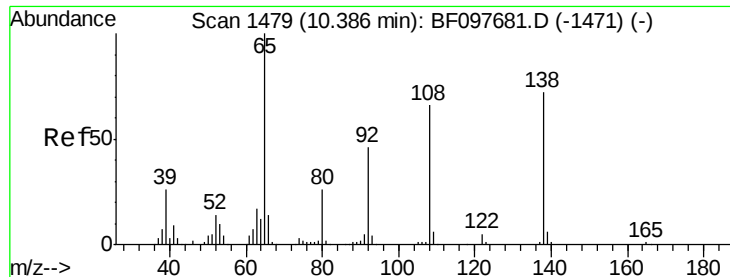
Tot Ion:149 Resp: 476228
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:204 Resp: 190725
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 61.2 60.8 91.2

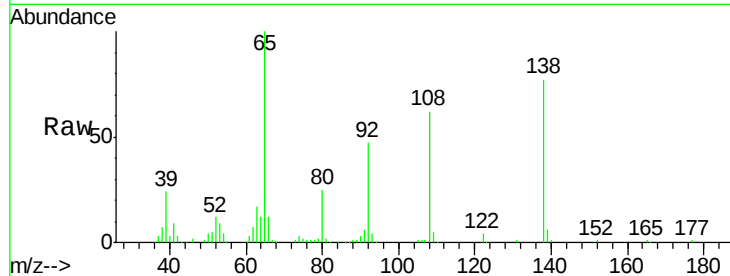




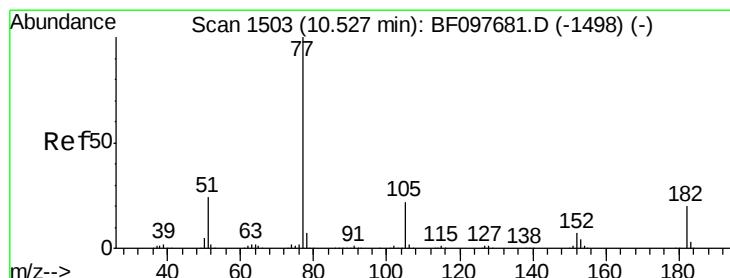
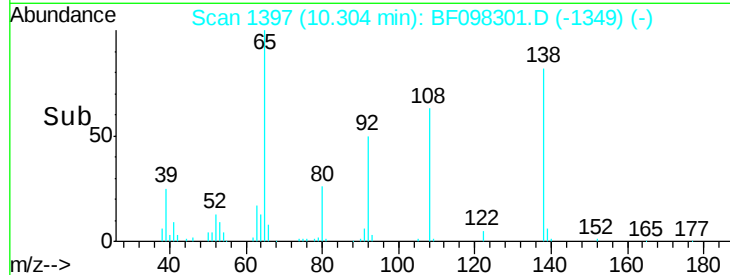
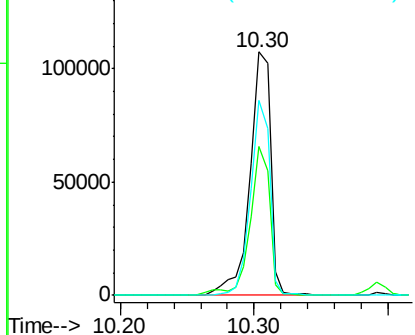
#61
4-Nitroaniline
Concen: 40.93 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:138 Resp: 113998
Ion Ratio Lower Upper
138 100
92 61.2 21.8 61.8
108 80.2 42.3 82.3

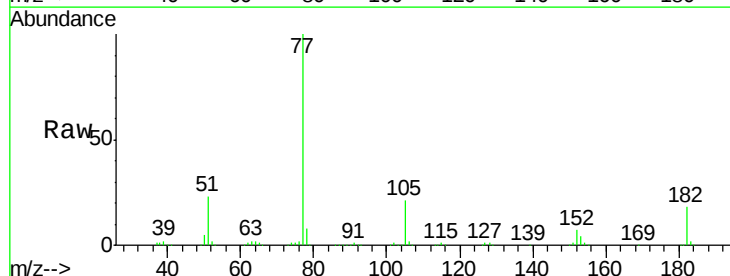


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

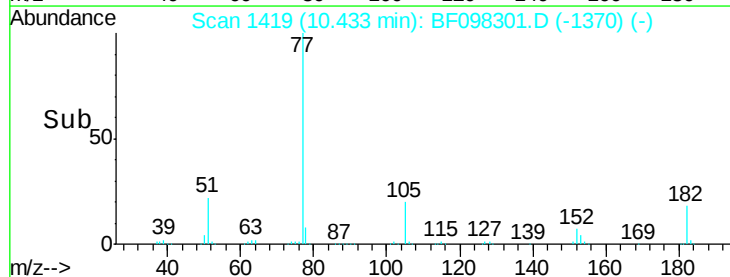
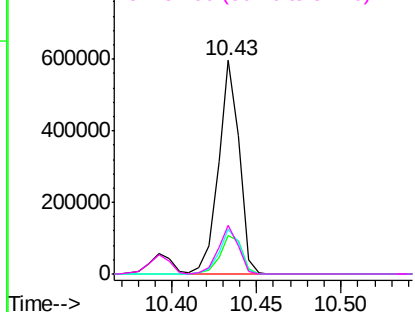


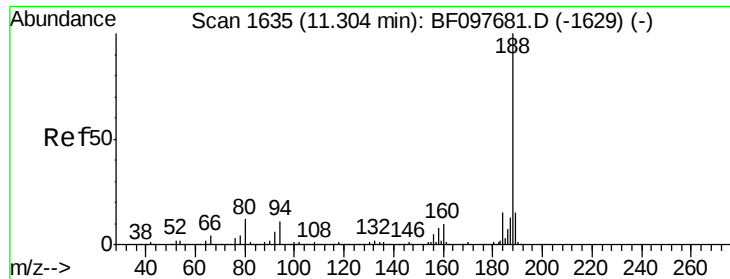
#62
Azobenzene
Concen: 35.92 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion: 77 Resp: 507601
Ion Ratio Lower Upper
77 100
182 18.3 0.1 40.1
105 21.2 3.6 43.6
51 22.6 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

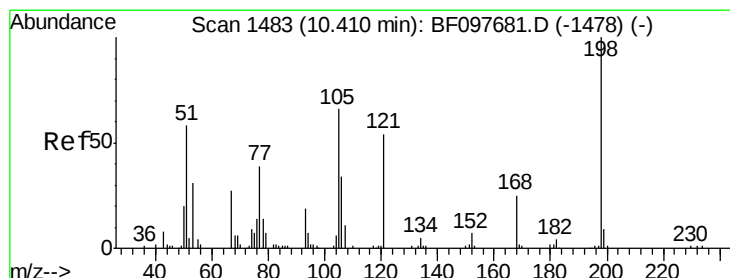
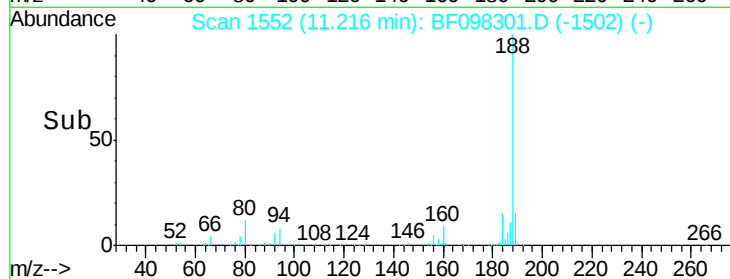
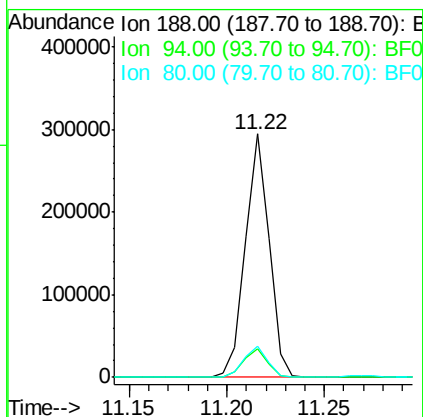
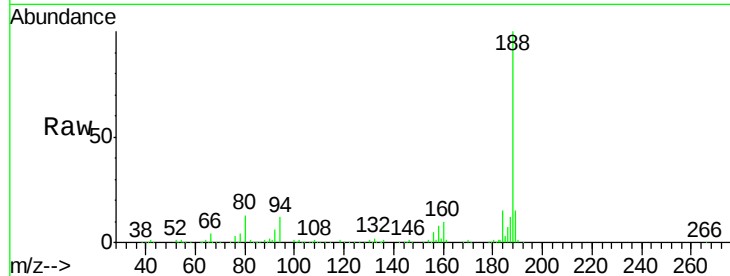




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

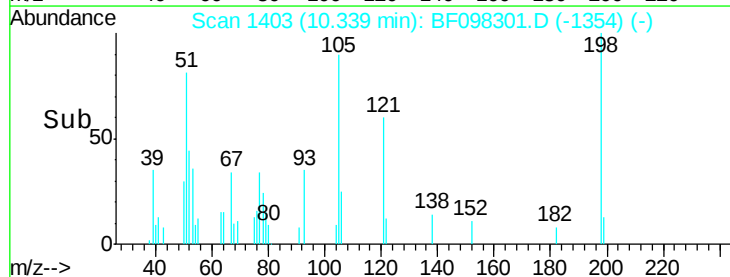
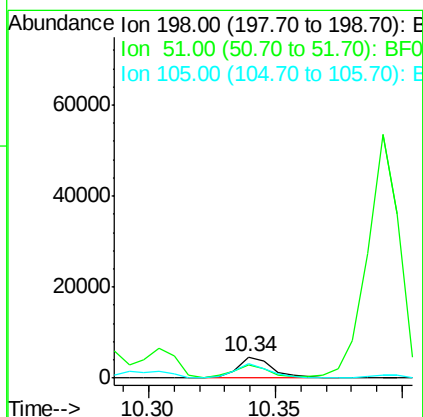
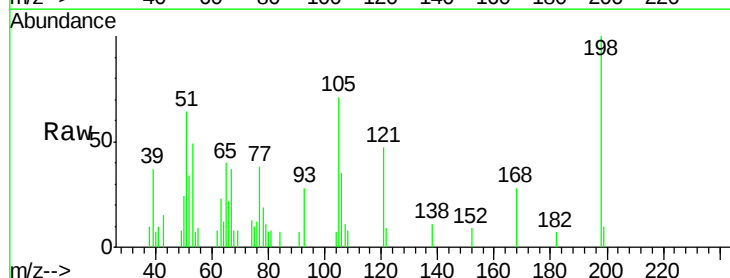
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

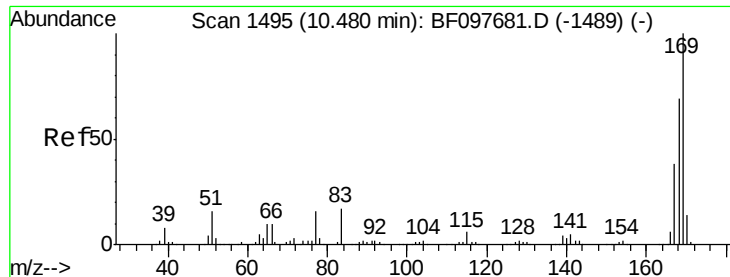
Tot Ion:188 Resp: 250024
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 11.40 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:198 Resp: 4383
Ion Ratio Lower Upper
198 100
51 63.9 53.2 93.2
105 70.9 45.8 85.8

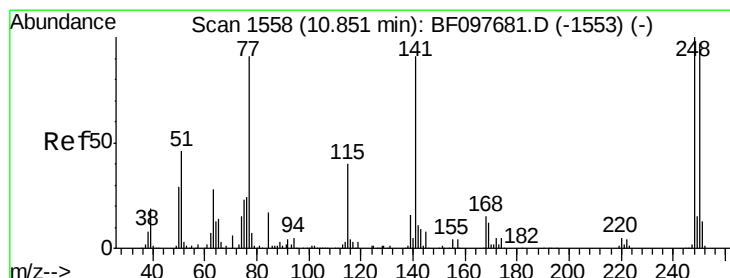
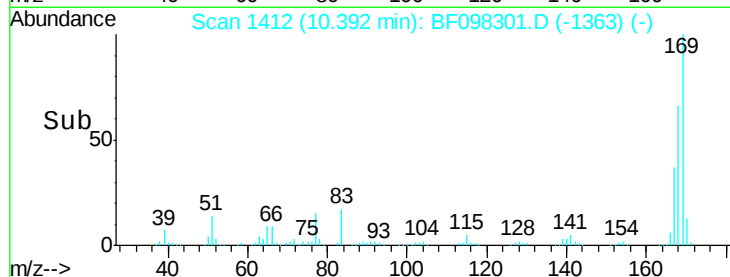
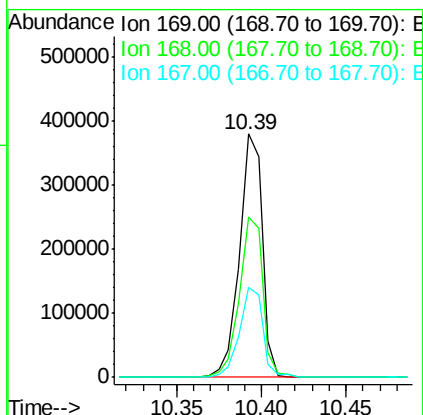
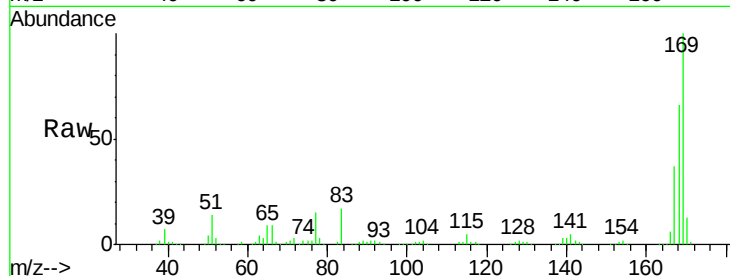




#65
 n-Nitrosodiphenylamine
 Concen: 41.93 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

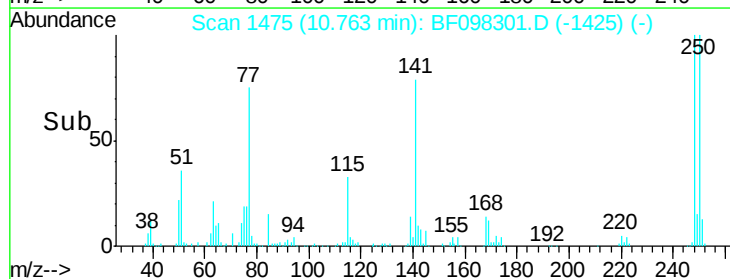
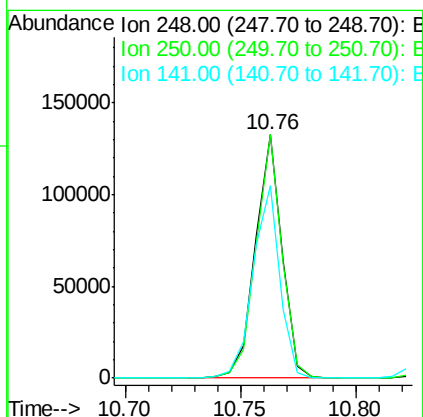
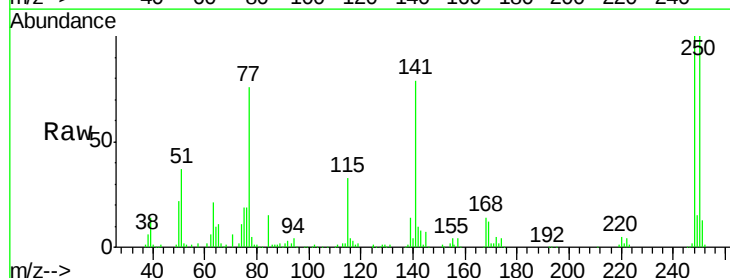
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

Tot Ion:169 Resp: 357024
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.10 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:248 Resp: 106701
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.8 115.2
 141 79.2 68.6 103.0

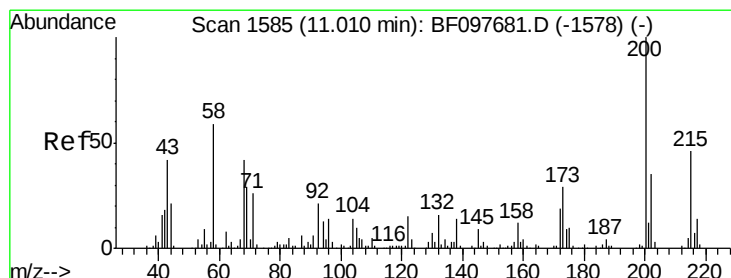
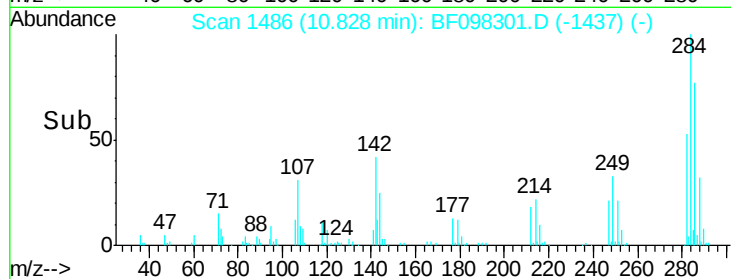
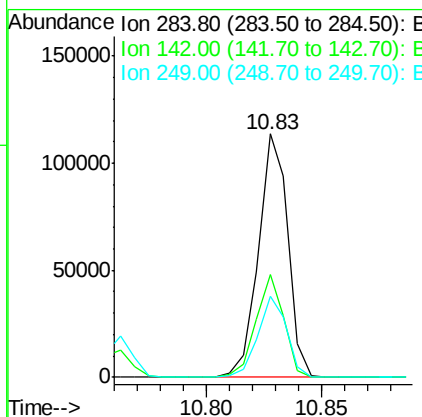
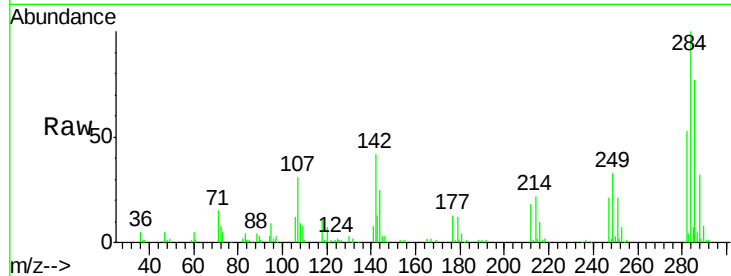




#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

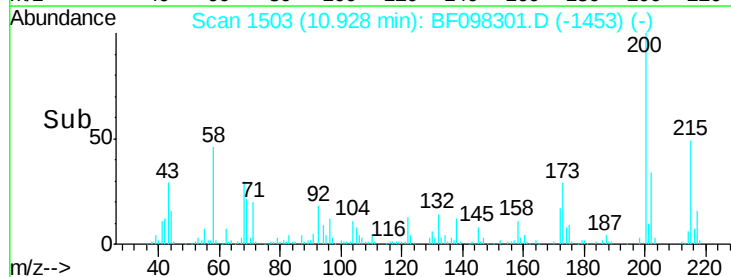
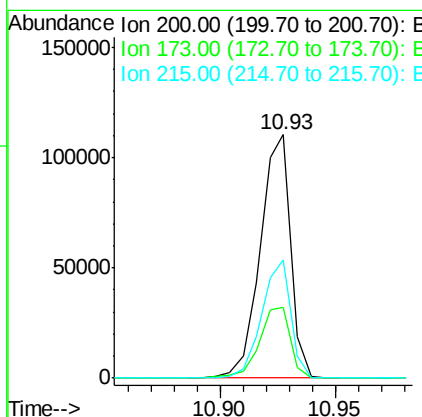
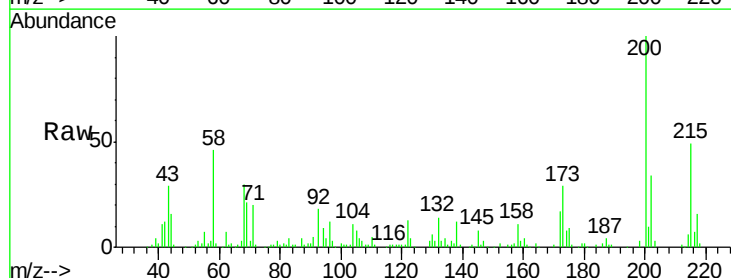
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:284 Resp: 100876
Ion Ratio Lower Upper
284 100
142 42.1 22.8 34.2#
249 33.1 24.0 36.0



#68
Atrazine
Concen: 44.77 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:200 Resp: 101091
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 48.6 27.2 67.2

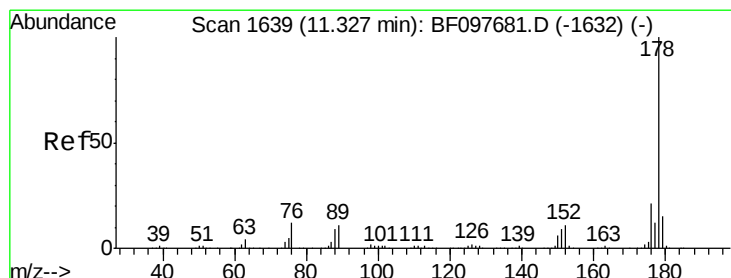
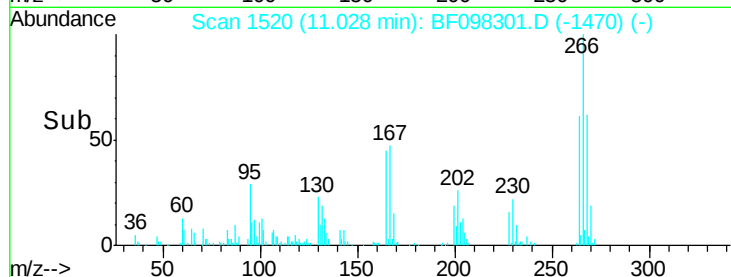
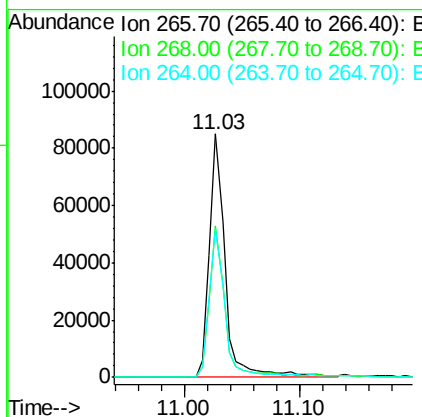
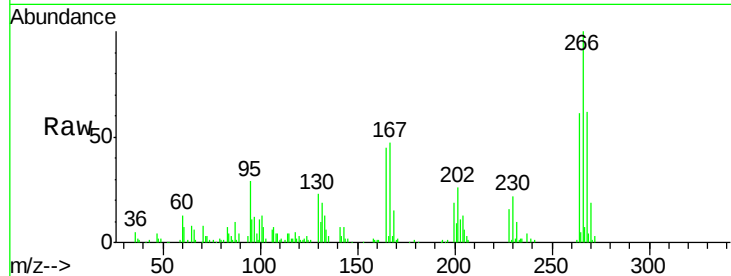




#69
 Pentachlorophenol
 Concen: 53.04 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

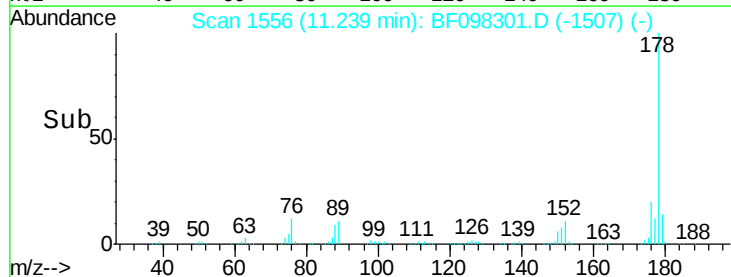
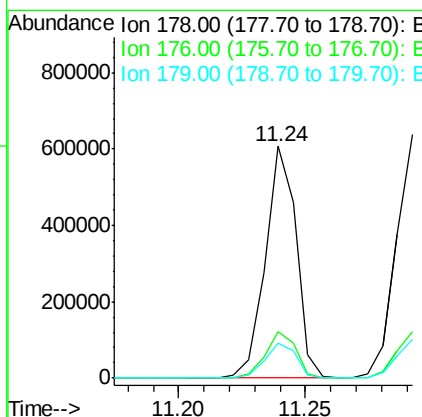
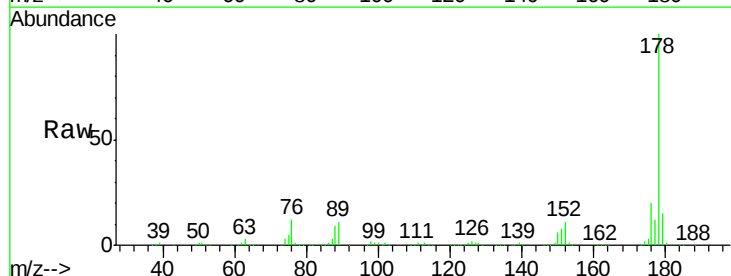
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BSD

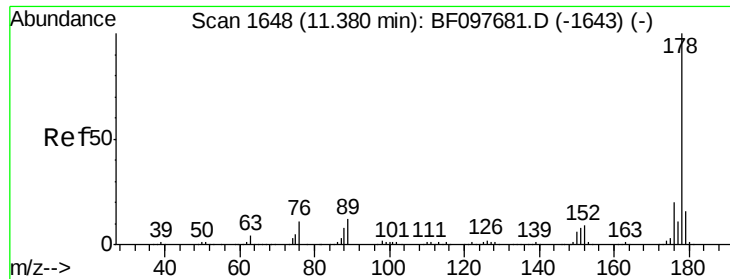
Tot Ion:266 Resp: 81836
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 61.0 51.7 77.5



#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:178 Resp: 516851
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.2 12.6 19.0





#71

Anthracene

Concen: 39.04 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

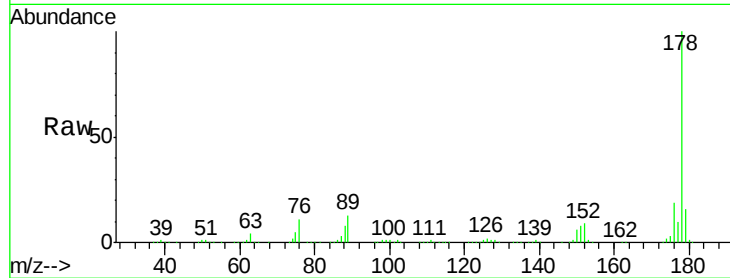
Tot Ion:178 Resp: 527563

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

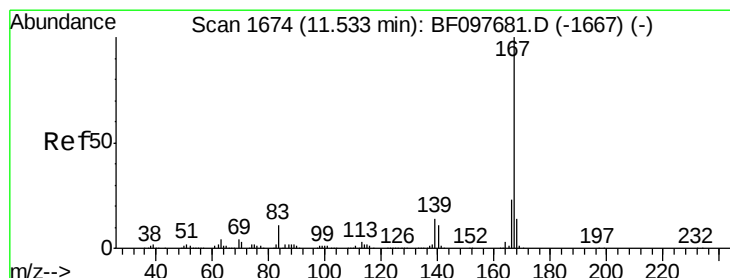
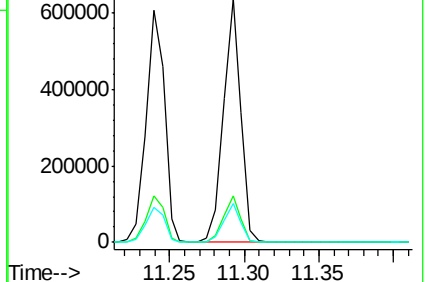
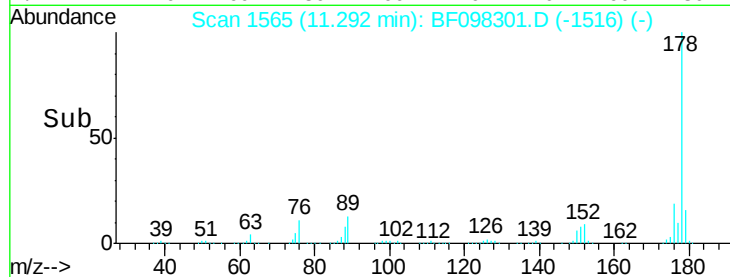
179 15.7 12.7 19.1



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: 38.99 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

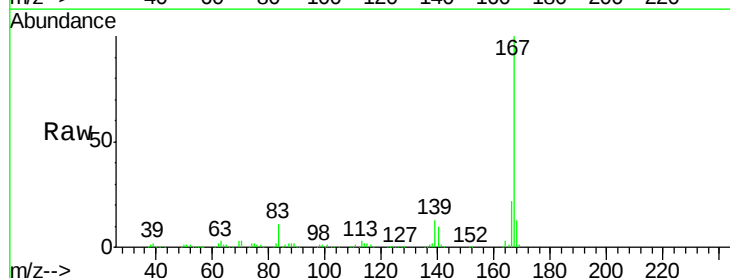
Tgt Ion:167 Resp: 500108

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

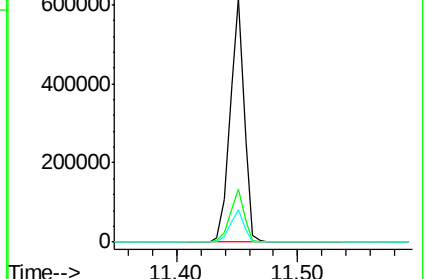
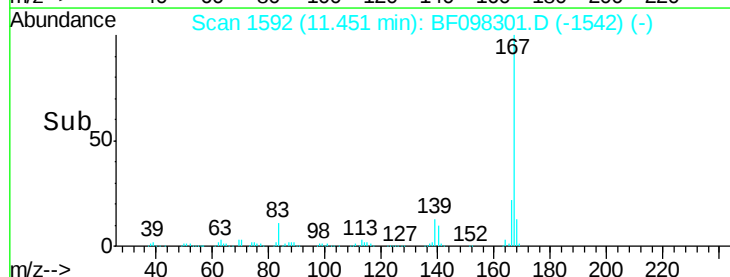
139 13.1 11.7 17.5



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

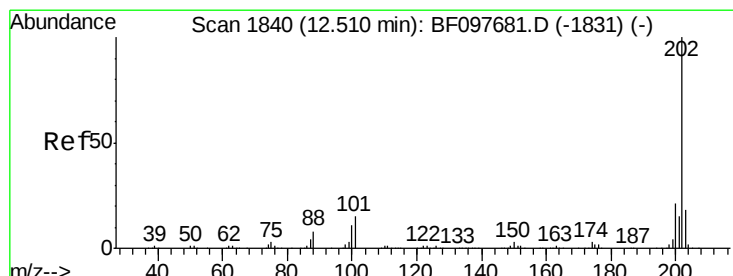
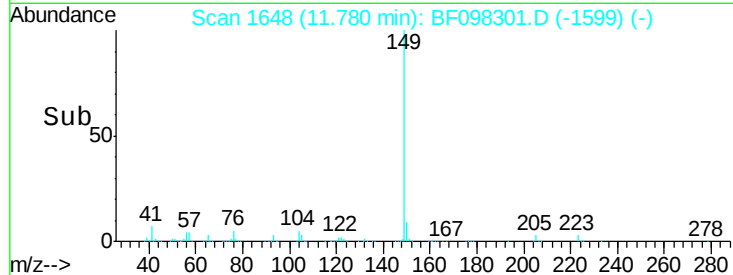
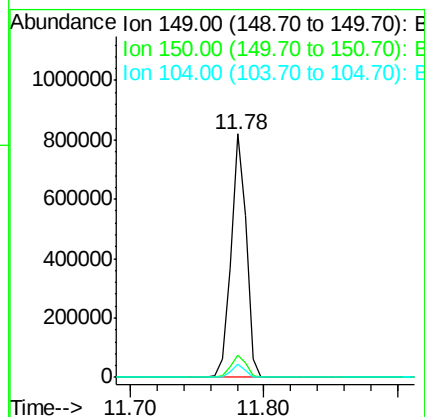
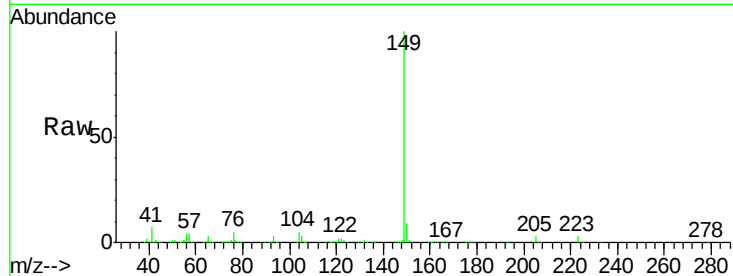




#73
Di-n-butylphthalate
Concen: 44.78 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

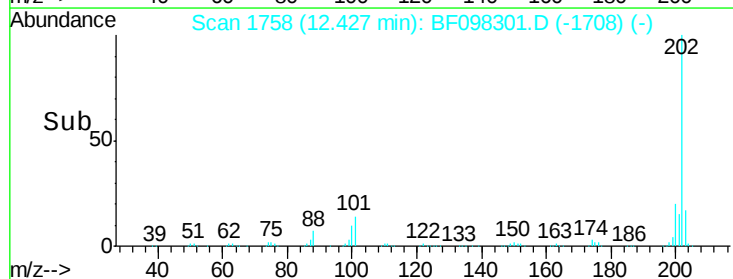
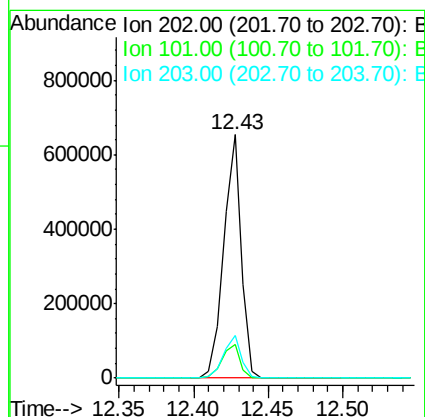
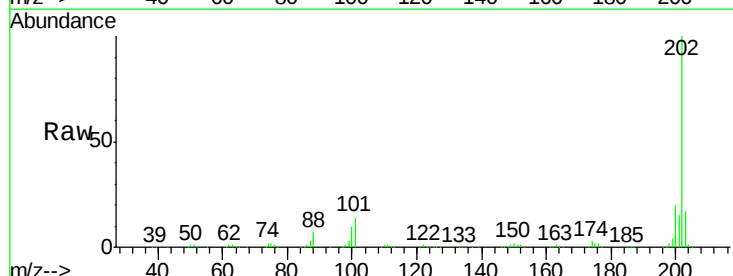
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

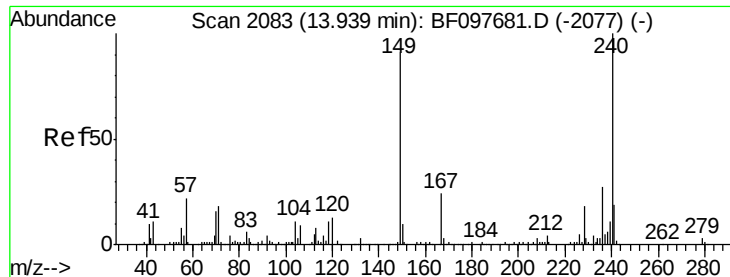
Tot Ion:149 Resp: 661540
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.3 4.0 6.0



#74
Fluoranthene
Concen: 39.08 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:202 Resp: 543484
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

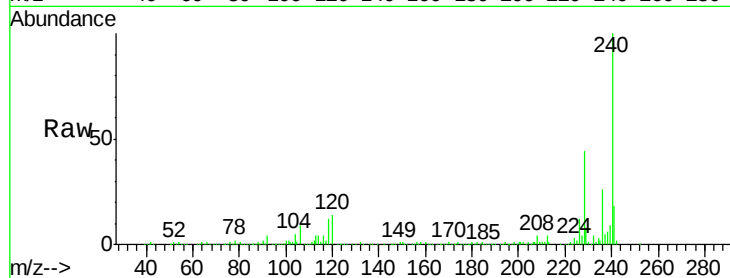
Tot Ion:240 Resp: 214216

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

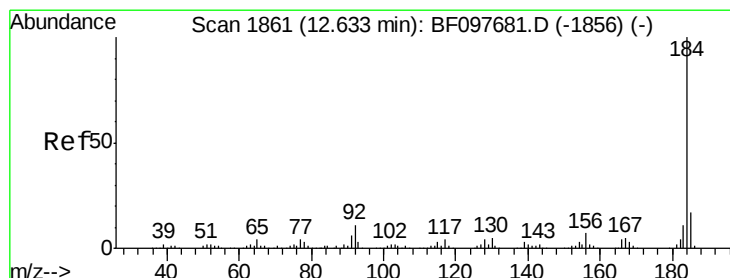
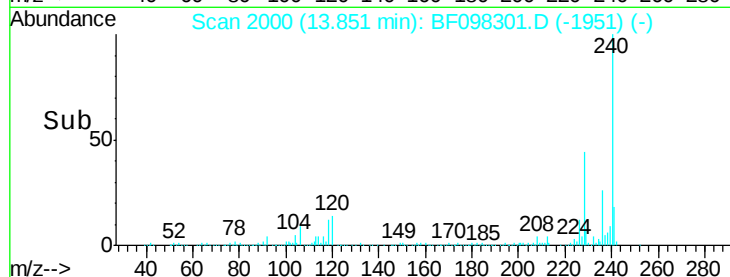
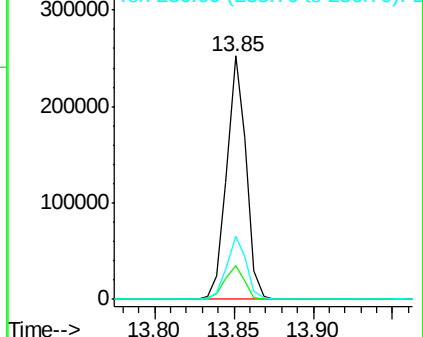
236 26.1 20.5 30.7



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: 65.83 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

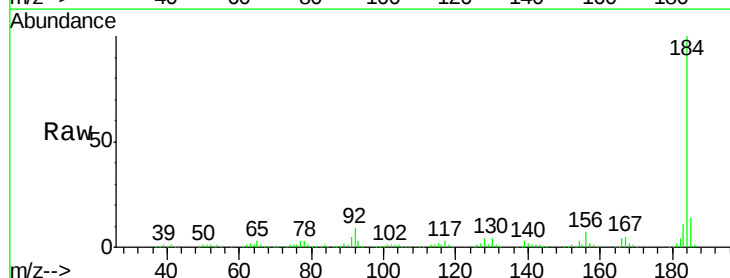
Tgt Ion:184 Resp: 462399

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

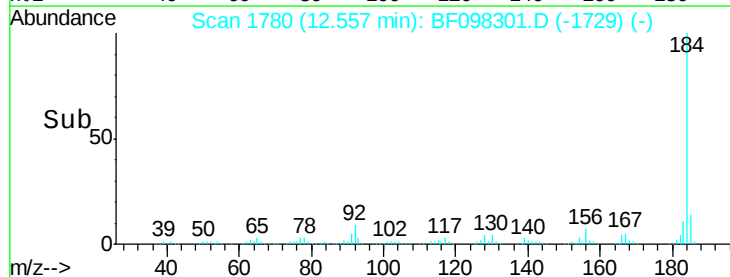
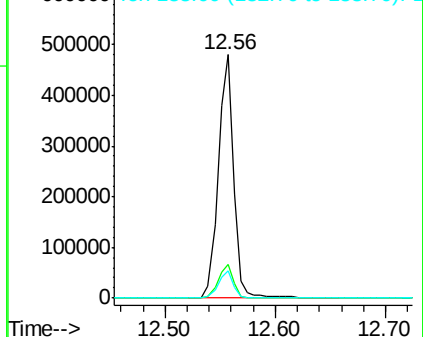
183 11.1 9.8 14.6

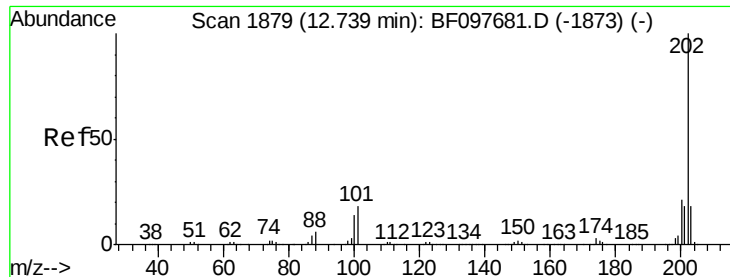


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

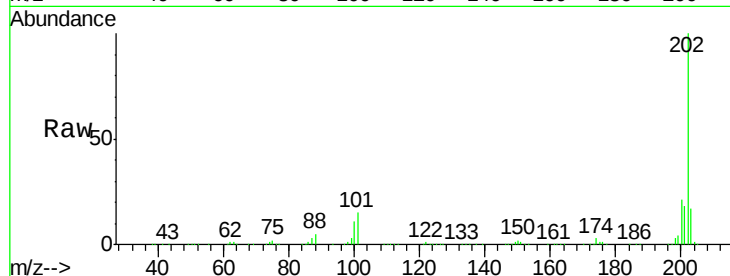




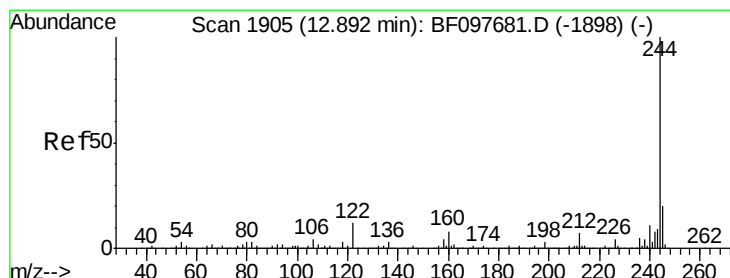
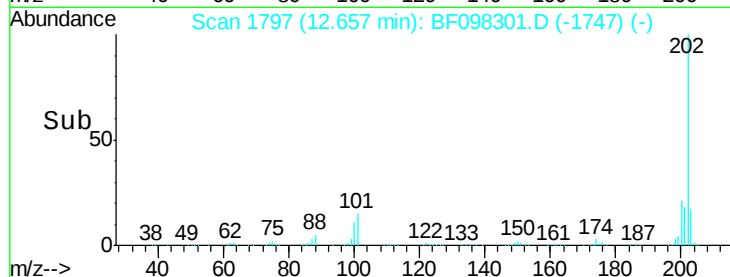
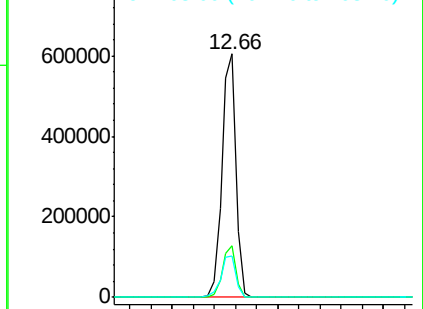
#77
Pvrene
Concen: 32.20 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098301.D
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Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:202 Resp: 564111
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.3 14.4 21.6

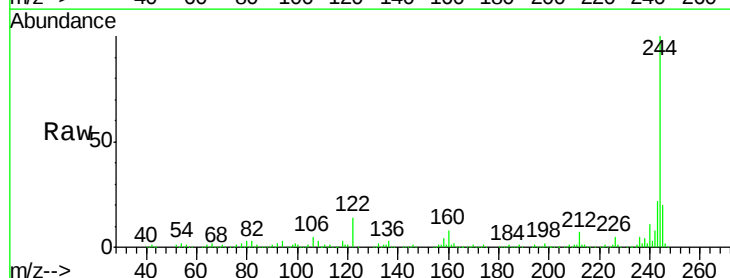


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

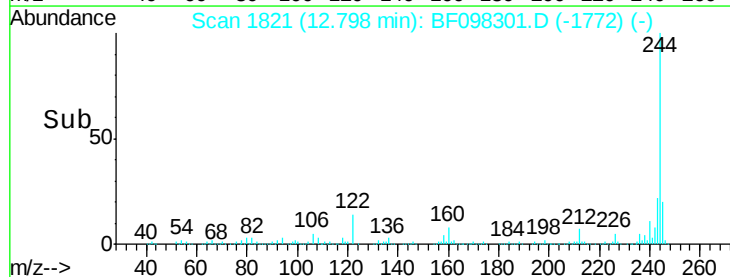
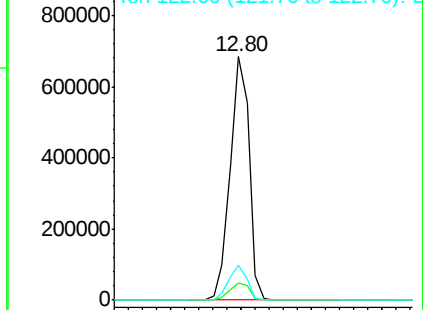


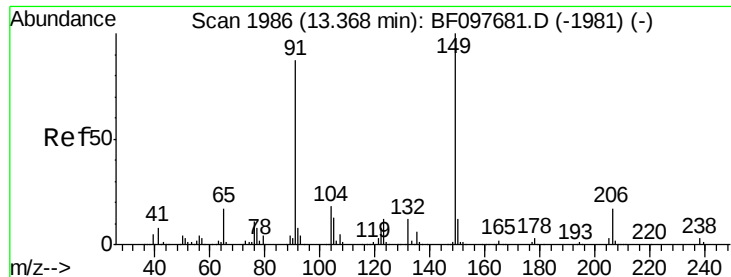
#78
Terphenyl-d14
Concen: 62.22 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:244 Resp: 639152
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.4 10.3 15.5



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

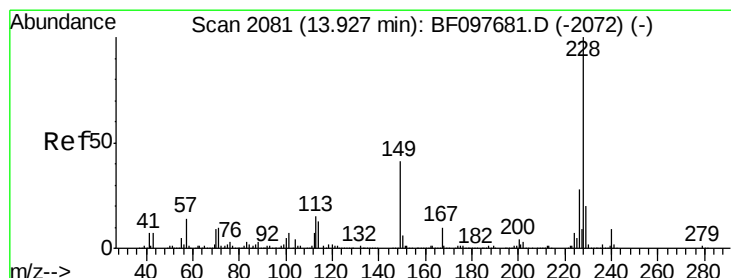
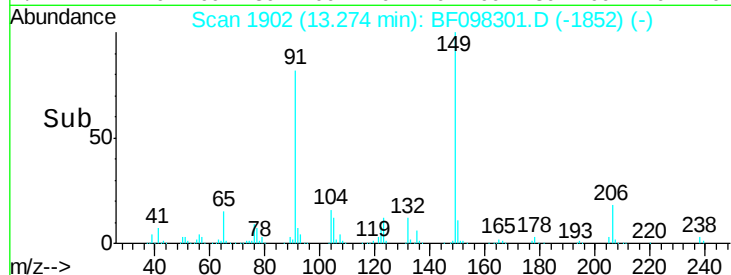
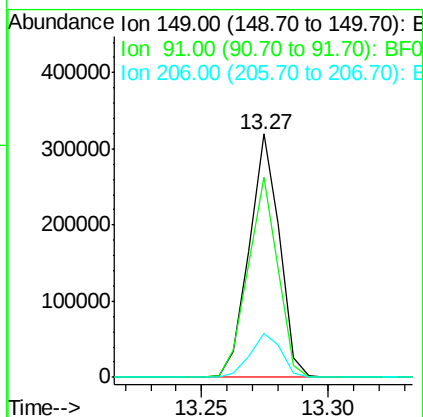
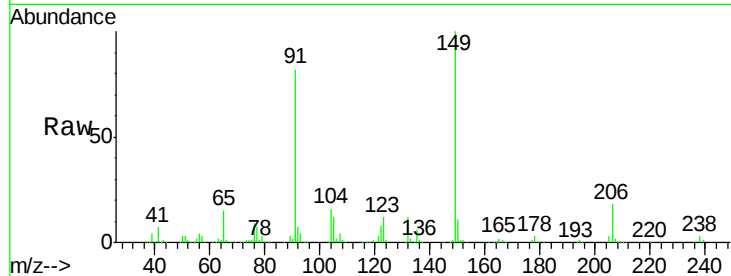




#79
Butylbenzylphthalate
Concen: 39.50 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

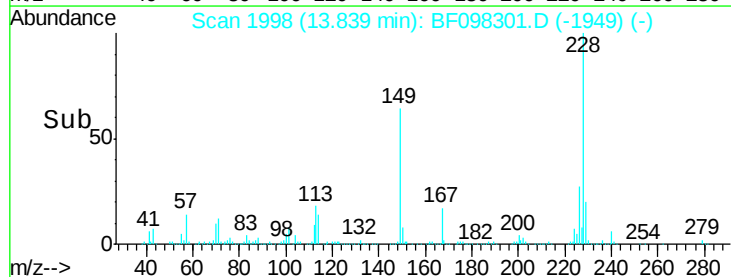
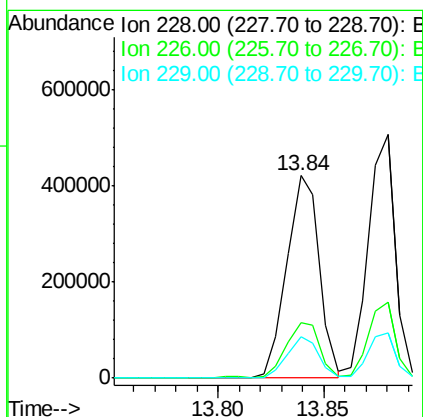
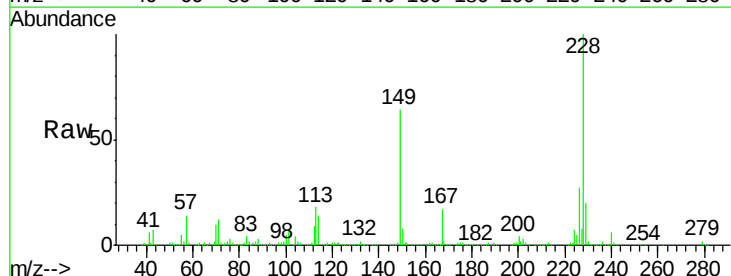
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

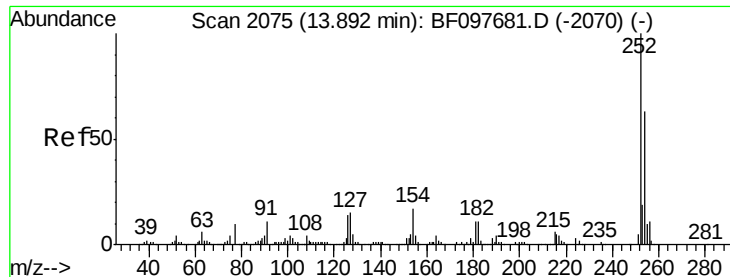
Tot Ion:149 Resp: 265352
Ion Ratio Lower Upper
149 100
91 82.4 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 35.32 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:228 Resp: 453409
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.3 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.54 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

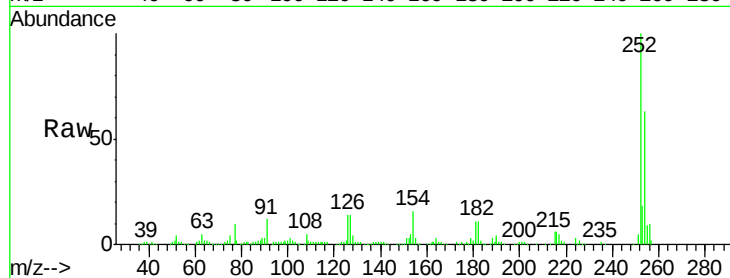
Tot Ion:252 Resp: 179983

Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

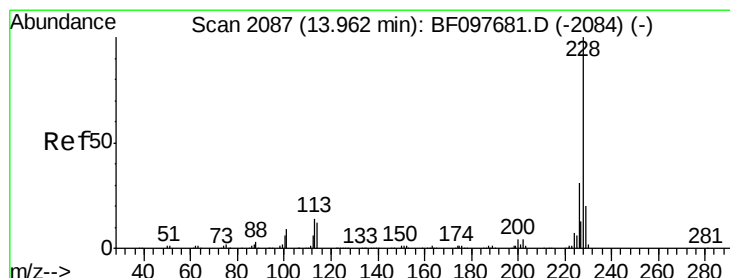
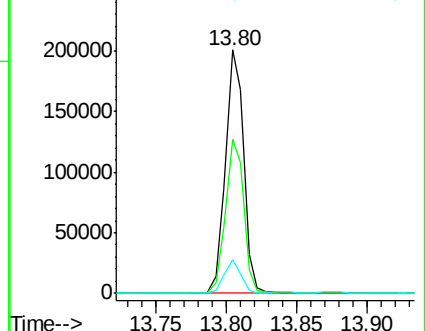
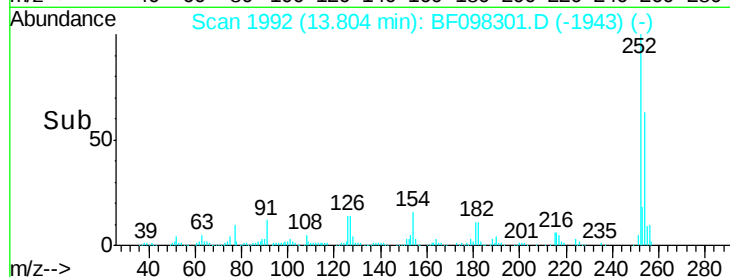
126 13.8 15.8 23.8#



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: 35.41 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

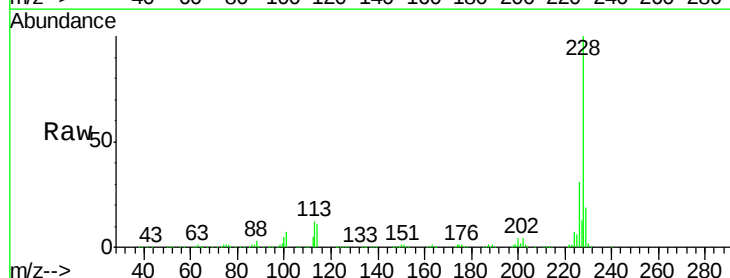
Tgt Ion:228 Resp: 452196

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

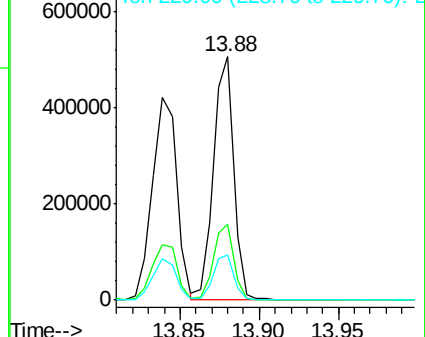
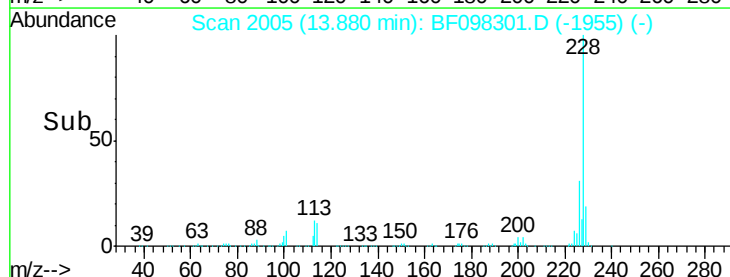
229 18.8 15.8 23.6

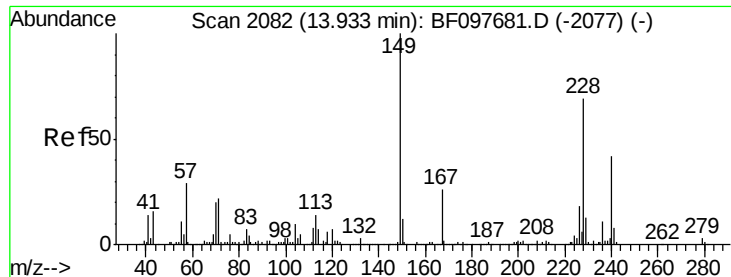


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

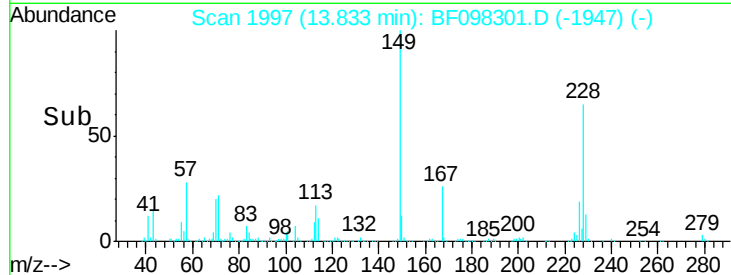
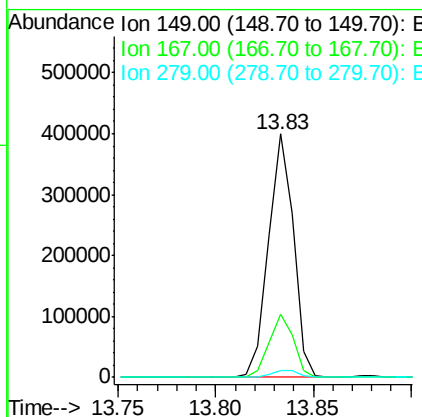
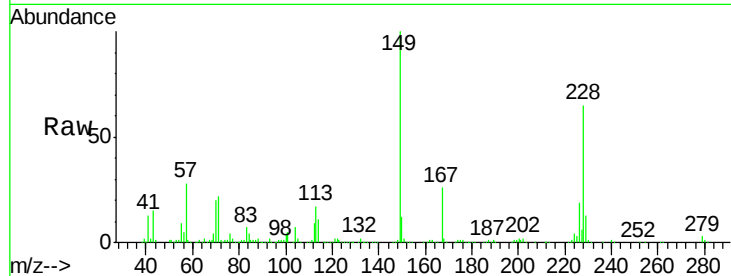




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.73 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

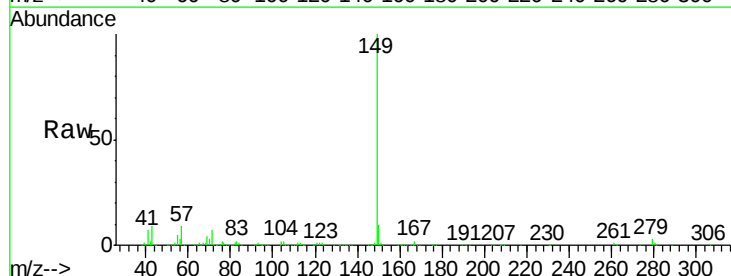
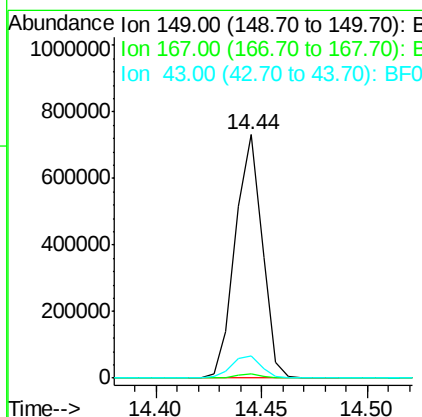
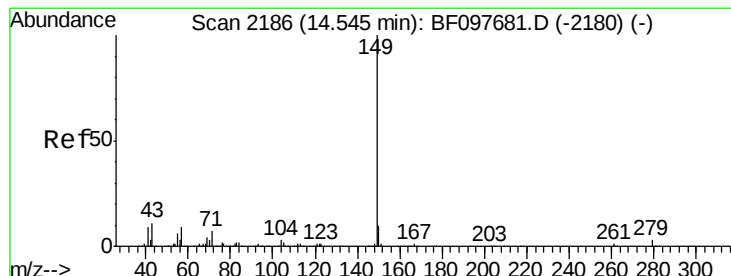
Instrument :
 BNA_F
 ClientSampleID :
 PB102084BSD

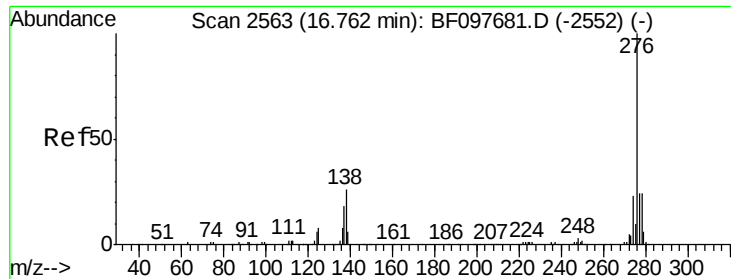
Tot Ion:149 Resp: 355282
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 49.58 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BF098301.D
 Acq: 7 Sep 2017 5:04

Tgt Ion:149 Resp: 642112
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

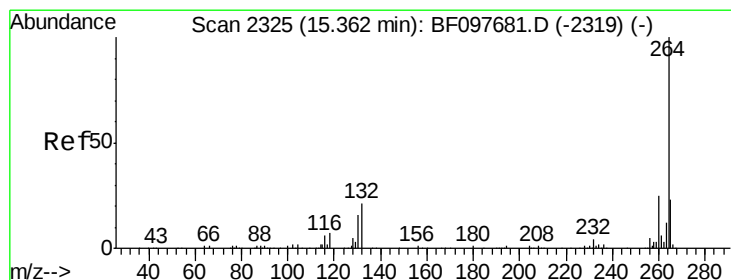
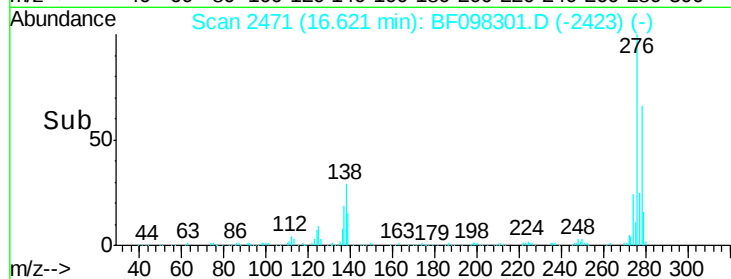
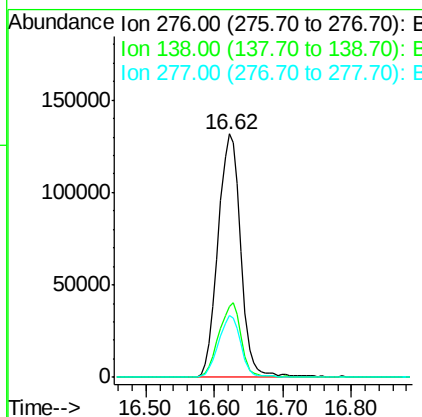
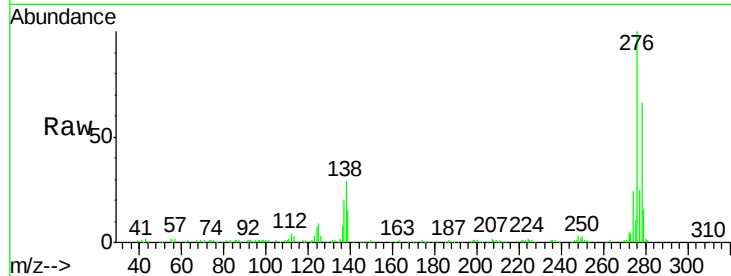




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.37 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

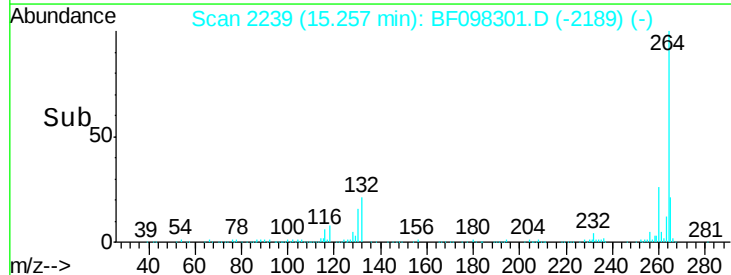
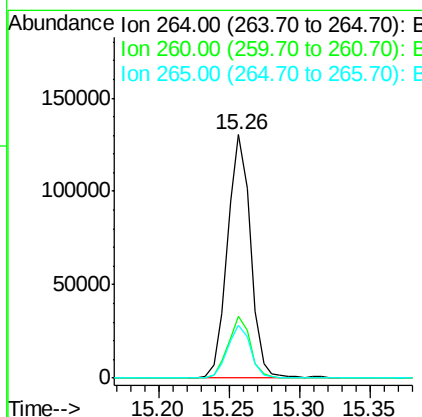
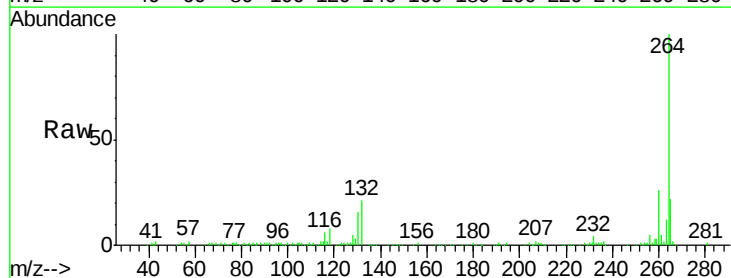
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

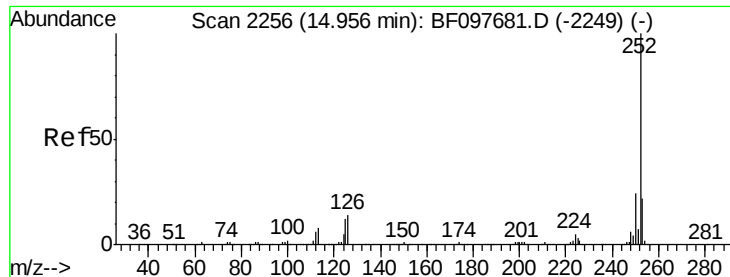
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	24.7	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.6	17.2	25.8

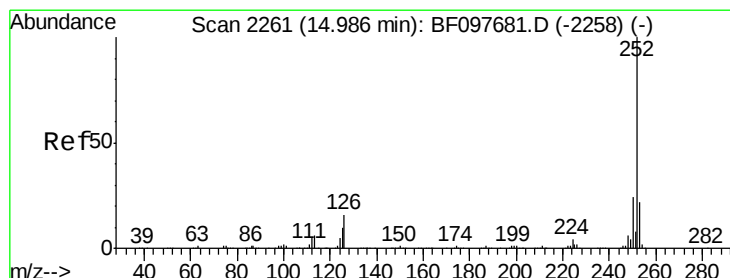
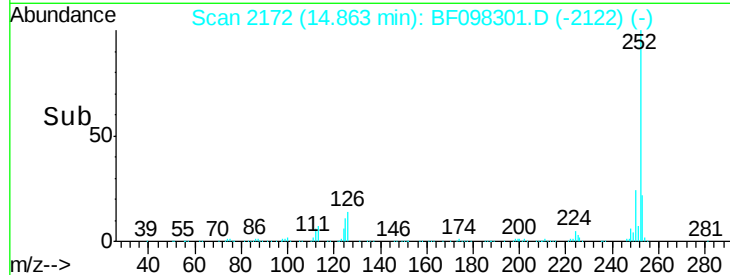
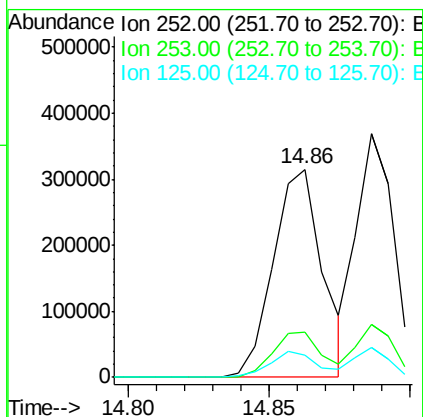
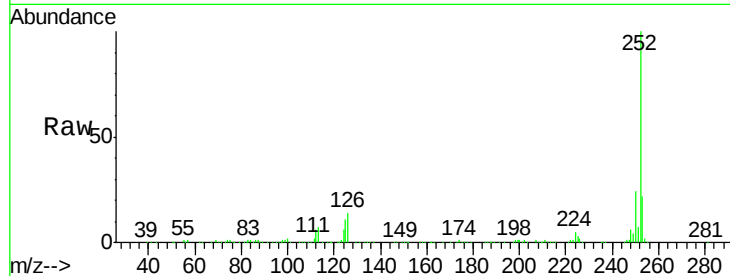




#87
Benzo(b)fluoranthene
Concen: 40.62 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

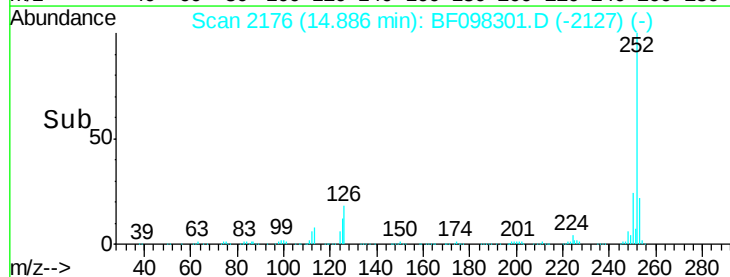
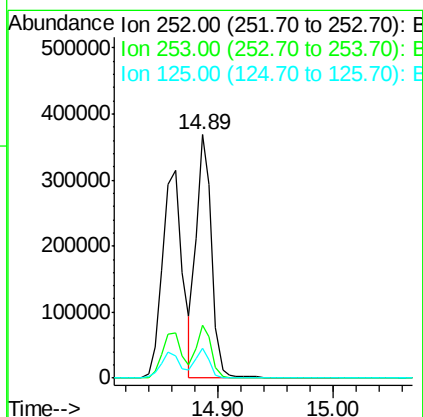
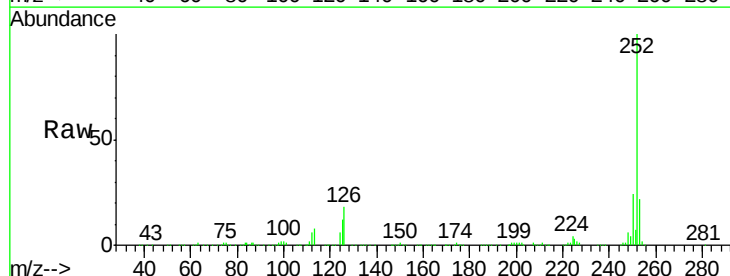
Instrument :
BNA_F
ClientSampleId :
PB102084BSD

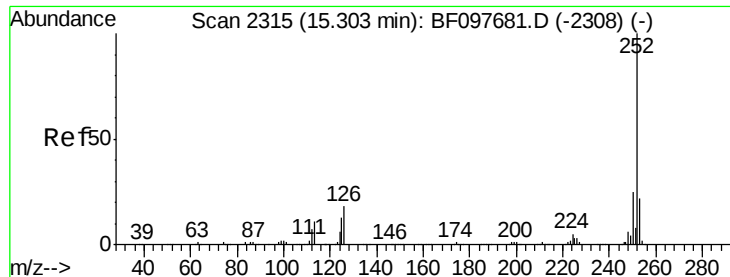
Tot Ion:252 Resp: 380701
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.30 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:252 Resp: 346112
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 12.2 13.1 19.7#

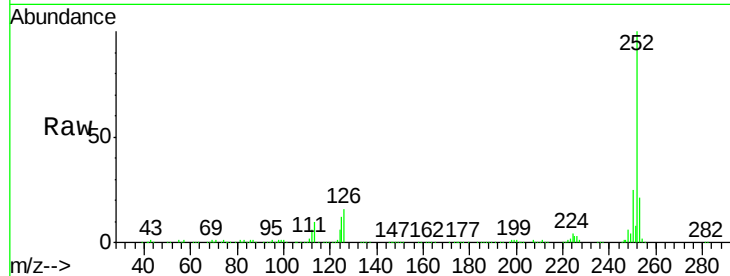




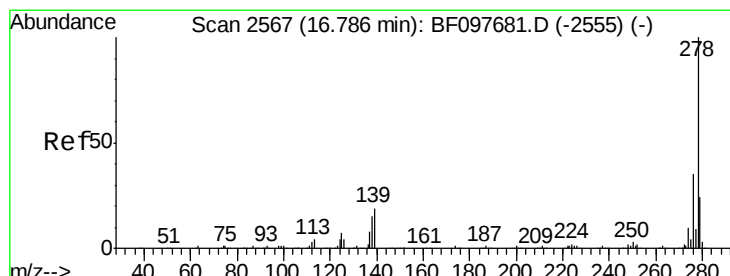
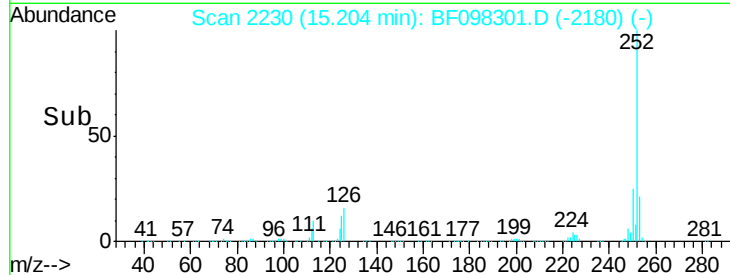
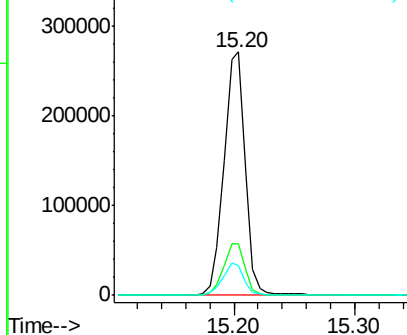
#89
Benzo(a)pyrene
Concen: 39.79 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102084BSD

Tot Ion:252 Resp: 330192
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 12.2 11.0 16.4

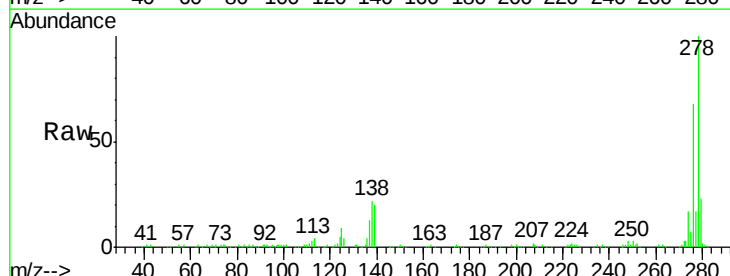


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

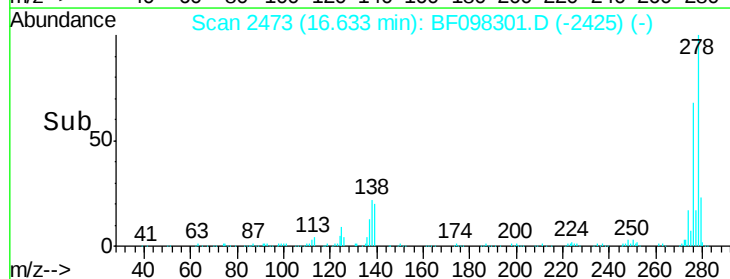
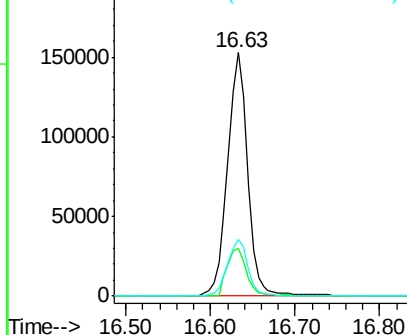


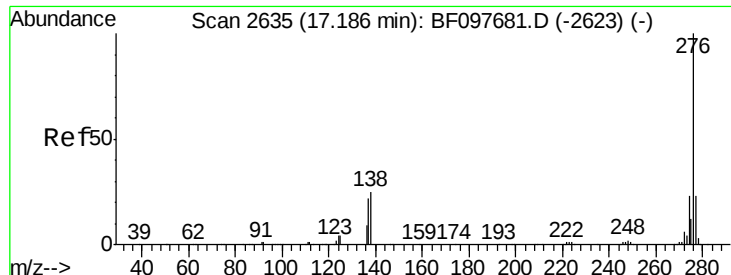
#90
Dibenzo(a,h)anthracene
Concen: 37.19 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BF098301.D
Acq: 7 Sep 2017 5:04

Tgt Ion:278 Resp: 251244
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 23.4 19.3 28.9



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: 35.05 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF098301.D

Acq: 7 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102084BSD

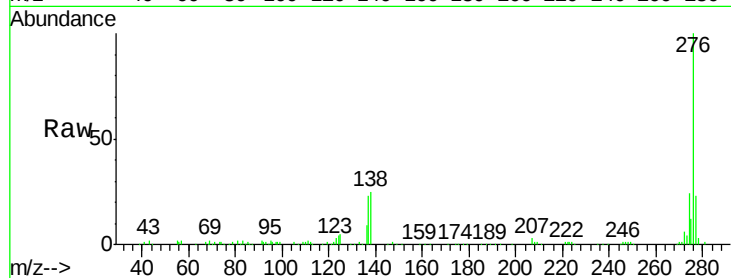
Tot Ion: 276 Resp: 247071

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 25.3 25.4 38.0#



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

