

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098032.D
 Acq On : 25 Aug 2017 16:00
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 25 23:18:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119529	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	468276	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	205415	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	399508	20.00	ng	0.00
75) Chrysene-d12	13.89	240	302218	20.00	ng	0.00
86) Perylene-d12	15.30	264	207327	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	637964	81.18	ng	-0.01
7) Phenol-d6	6.37	99	866408	81.15	ng	-0.01
23) Nitrobenzene-d5	7.31	82	761914	88.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	150087	84.21	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1051207	75.19	ng	0.00
78) Terphenyl-d14	12.84	244	1065840	73.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	181446	41.40	ng	88
3) Pyridine	3.12	79	496535	40.98	ng	88
4) n-Nitrosodimethylamine	3.08	42	183589	39.38	ng	# 78
6) Aniline	6.40	93	584263	38.95	ng	97
8) 2-Chlorophenol	6.53	128	335914	40.53	ng	99
9) Benzaldehyde	6.29	77	254394	37.62	ng	90
10) Phenol	6.39	94	512606	41.05	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	366835	38.92	ng	96
12) 1,3-Dichlorobenzene	6.68	146	355930	39.93	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	356875	39.36	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	330817	39.57	ng	98
15) Benzyl Alcohol	6.89	79	309699	38.74	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	470613	37.11	ng	92
17) 2-Methylphenol	7.00	107	289964	39.70	ng	96
18) Hexachloroethane	7.25	117	141160	39.71	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	266176	36.42	ng	89
20) 3+4-Methylphenols	7.16	107	343393	38.50	ng	# 85
22) Acetophenone	7.16	105	465458	37.63	ng	# 88
24) Nitrobenzene	7.33	77	417252	43.47	ng	94
25) Isophorone	7.57	82	687927	38.38	ng	97
26) 2-Nitrophenol	7.64	139	165028	47.52	ng	# 74
27) 2,4-Dimethylphenol	7.69	122	298574	39.94	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	455933	38.69	ng	98
29) 2,4-Dichlorophenol	7.89	162	253316	40.82	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	272577	39.63	ng	99
31) Naphthalene	8.05	128	951886	39.16	ng	99
32) Benzoic acid	7.82	122	237886	44.25	ng	88
33) 4-Chloroaniline	8.10	127	410179	40.01	ng	98
34) Hexachlorobutadiene	8.16	225	155414	38.70	ng	97
35) Caprolactam	8.48	113	89202	42.29	ng	90
36) 4-Chloro-3-methylphenol	8.58	107	318001	39.89	ng	# 80
37) 2-Methylnaphthalene	8.74	142	583246	39.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	249240	39.54	ng	98
40) Hexachlorocyclopentadiene	8.89	237	111558	36.84	ng	99

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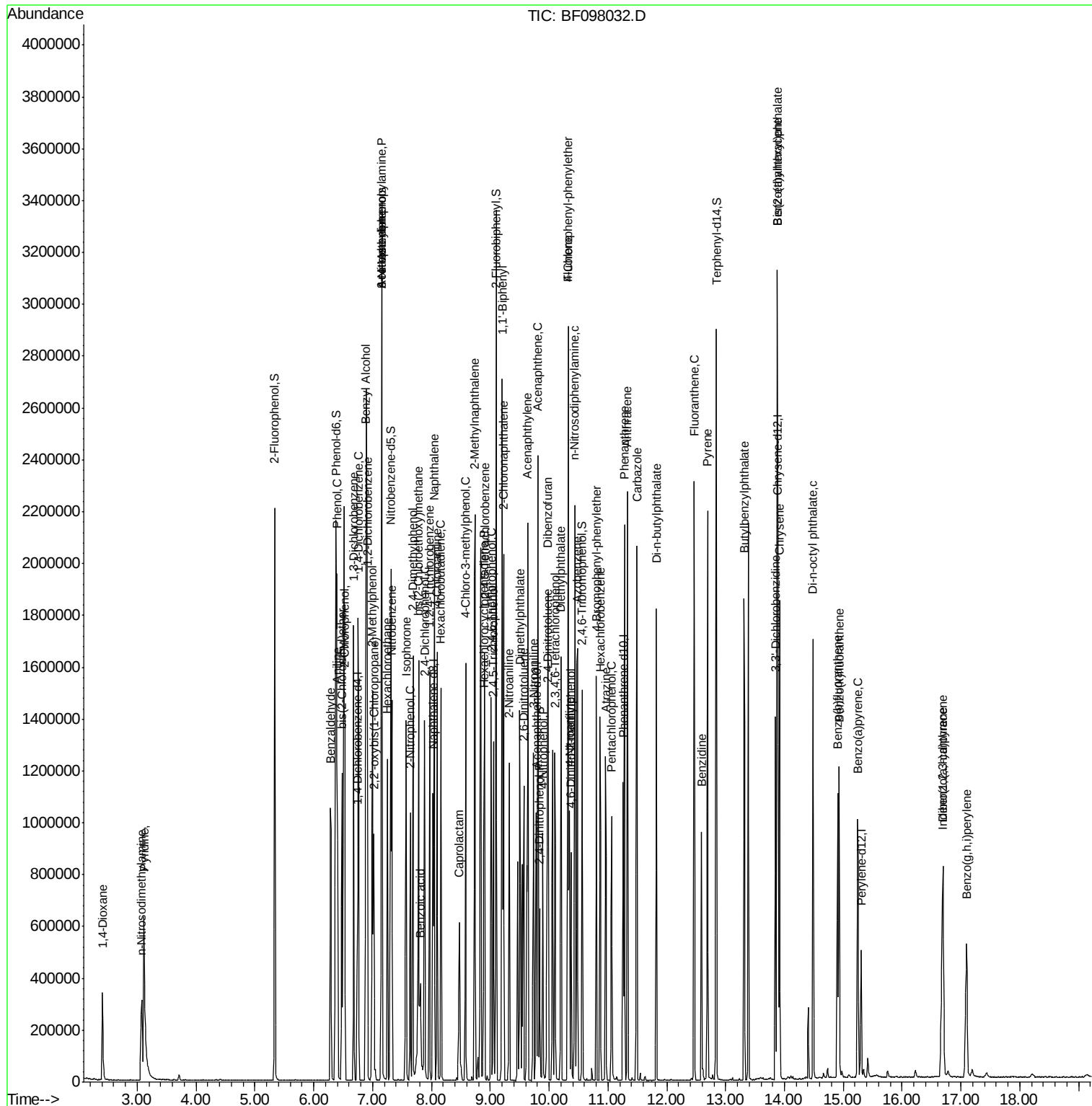
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	172985	40.87	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	174549	41.57	nq	97
45) 1,1'-Biphenyl	9.20	154	728907	38.91	nq	97
46) 2-Chloronaphthalene	9.23	162	538760	38.93	nq	# 92
47) 2-Nitroaniline	9.32	65	223374	48.14	nq	94
48) Acenaphthylene	9.64	152	854837	39.33	nq	100
49) Dimethylphthalate	9.50	163	595249	39.64	nq	100
50) 2,6-Dinitrotoluene	9.57	165	130359	43.49	nq	# 67
51) Acenaphthene	9.81	154	515496	37.61	nq	99
52) 3-Nitroaniline	9.73	138	177101	45.80	nq	85
53) 2,4-Dinitrophenol	9.84	184	61190	47.62	nq	# 79
54) Dibenzofuran	9.98	168	710397	38.67	nq	99
55) 4-Nitrophenol	9.89	139	131463	42.62	nq	# 35
56) 2,4-Dinitrotoluene	9.97	165	174359	46.36	nq	# 59
57) Fluorene	10.33	166	562548	39.61	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	136339	41.94	nq	94
59) Diethylphthalate	10.20	149	599659	38.19	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	256930	38.94	nq	89
61) 4-Nitroaniline	10.35	138	176241	47.95	nq	# 70
62) Azobenzene	10.48	77	703609	37.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.37	198	89042	47.42	nq	88
65) n-Nitrosodiphenylamine	10.44	169	521528	38.34	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	158501	38.21	nq	97
67) Hexachlorobenzene	10.87	284	162855	38.51	nq	# 82
68) Atrazine	10.96	200	130528	36.18	nq	98
69) Pentachlorophenol	11.06	266	96772	39.25	nq	99
70) Phenanthrene	11.29	178	818349	38.44	nq	99
71) Anthracene	11.33	178	839389	38.87	nq	99
72) Carbazole	11.49	167	818312	39.93	nq	98
73) Di-n-butylphthalate	11.82	149	942894	39.94	nq	99
74) Fluoranthene	12.47	202	894752	40.27	nq	100
76) Benzidine	12.59	184	370300	37.37	nq	# 93
77) Pyrene	12.70	202	928292	37.56	nq	99
79) Butylbenzylphthalate	13.32	149	394889	41.67	nq	# 69
80) Benzo(a)anthracene	13.88	228	671133	37.05	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	253438	41.46	nq	# 96
82) Chrysene	13.92	228	678995	37.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	445821	42.45	nq	99
84) Di-n-octyl phthalate	14.49	149	771704	42.23	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	470822	35.52	nq	93
87) Benzo(b)fluoranthene	14.90	252	537753	41.15	nq	97
88) Benzo(k)fluoranthene	14.93	252	500572	40.77	nq	# 92
89) Benzo(a)pyrene	15.24	252	473046	40.89	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	398651	42.33	nq	97
91) Benzo(g,h,i)perylene	17.10	276	426860	43.43	nq	# 91

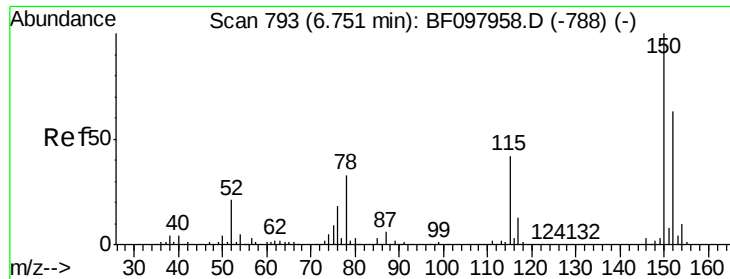
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

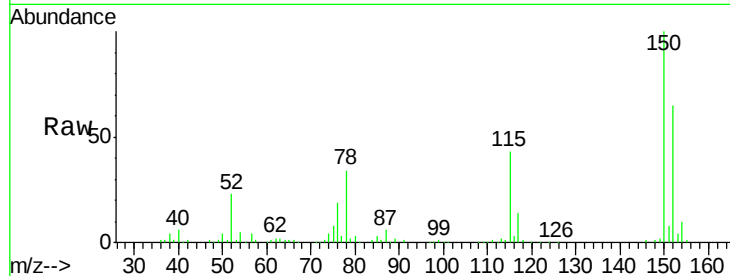
Tot Ion:152 Resp: 119529

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

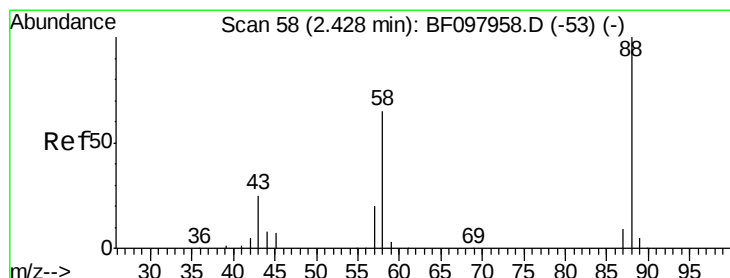
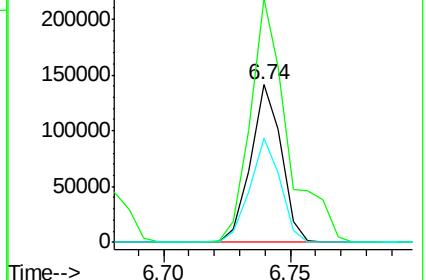
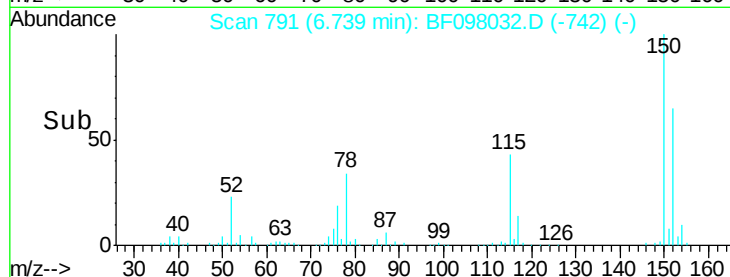
115 65.9 52.2 78.2



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: 41.40 ng

RT: 2.41 min Scan# 55

Delta R.T. -0.02 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

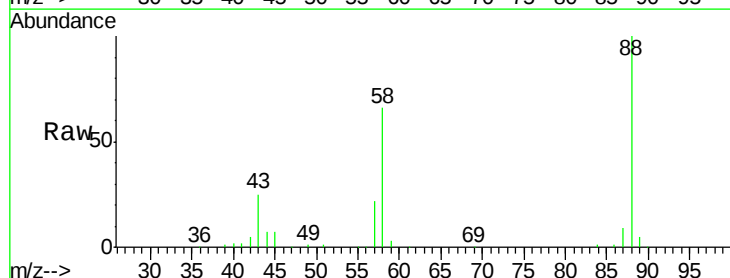
Tgt Ion: 88 Resp: 181446

Ion Ratio Lower Upper

88 100

58 65.6 61.4 92.0

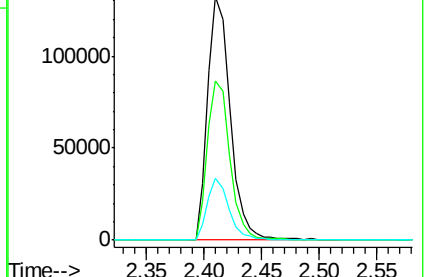
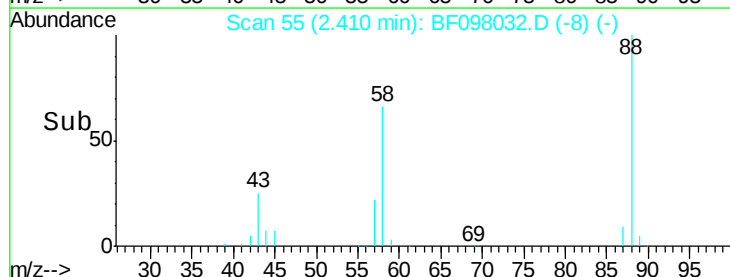
43 24.5 23.4 35.0

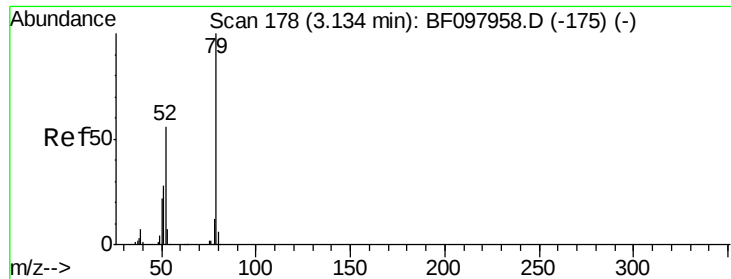


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

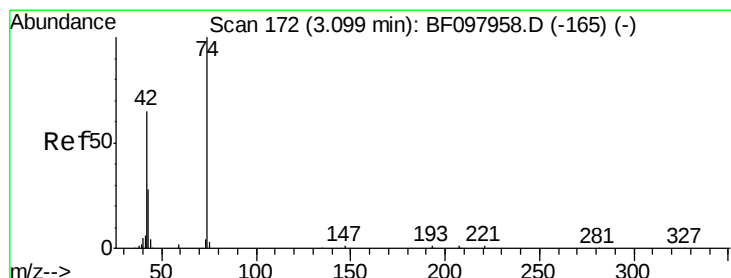
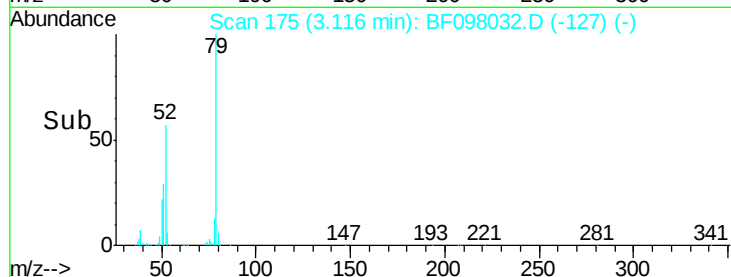
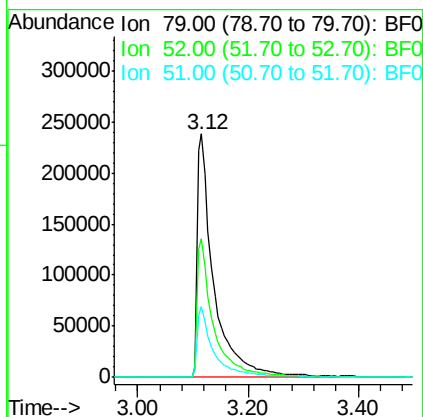
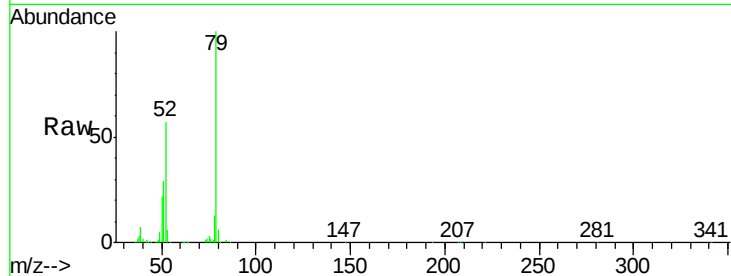




#3
 Pvridine
 Concen: 40.98 ng
 RT: 3.12 min Scan# 175
 Delta R.T. -0.02 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

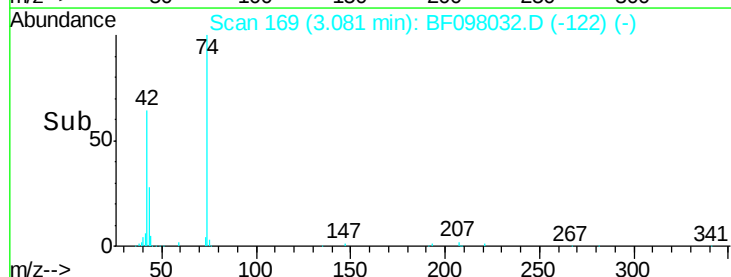
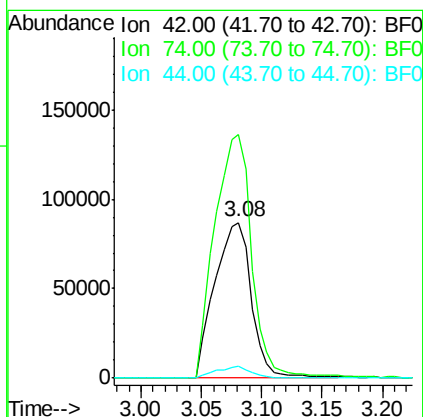
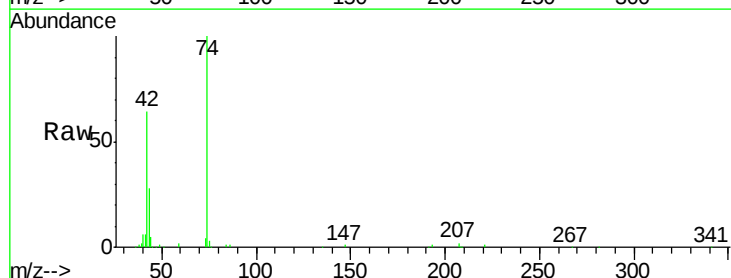
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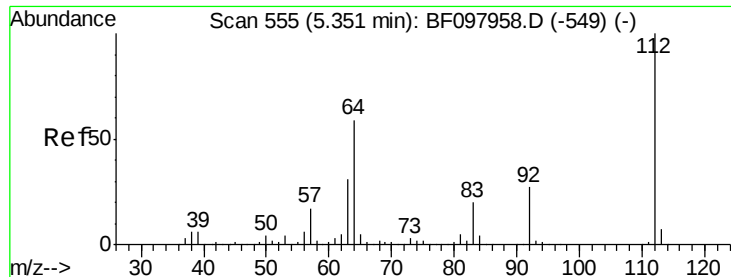
Tot Ion: 79 Resp: 496535
 Ion Ratio Lower Upper
 79 100
 52 56.9 54.8 82.2
 51 29.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.38 ng
 RT: 3.08 min Scan# 169
 Delta R.T. -0.02 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion: 42 Resp: 183589
 Ion Ratio Lower Upper
 42 100
 74 156.4 103.9 155.9#
 44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 81.18 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

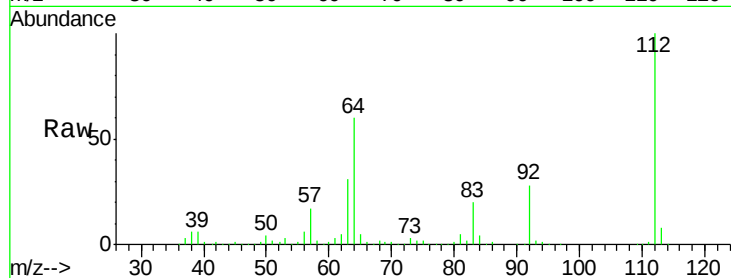
Tot Ion:112 Resp: 637964

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

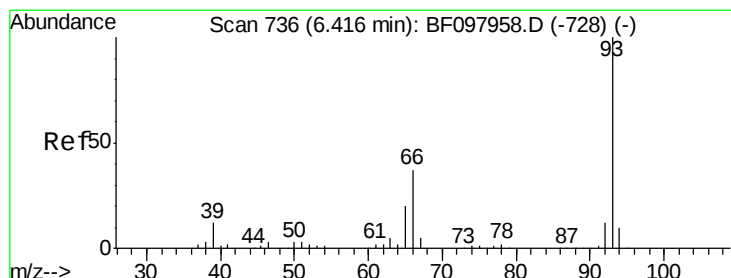
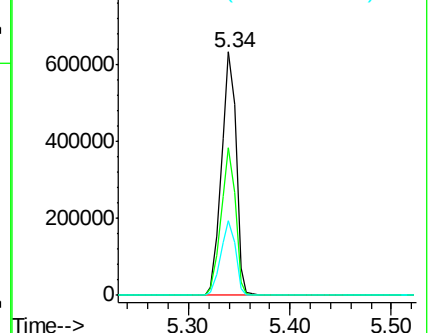
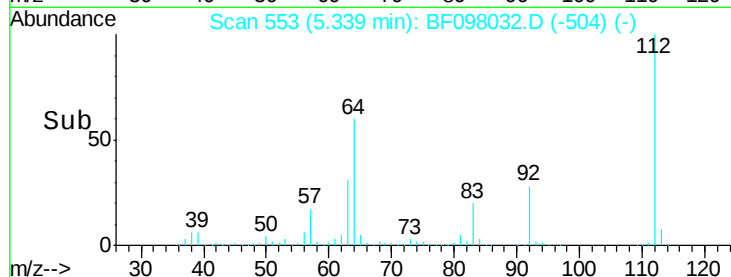
63 30.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.95 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

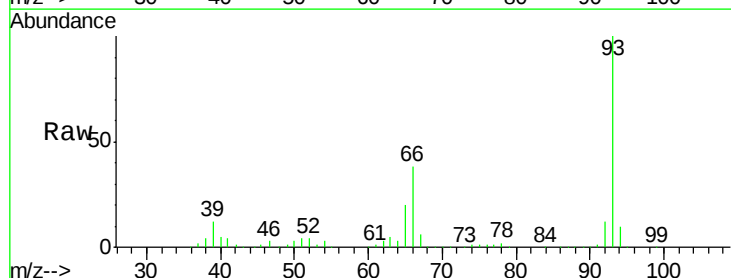
Tgt Ion: 93 Resp: 584263

Ion Ratio Lower Upper

93 100

66 38.1 32.9 49.3

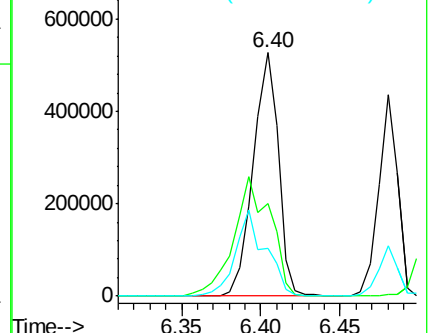
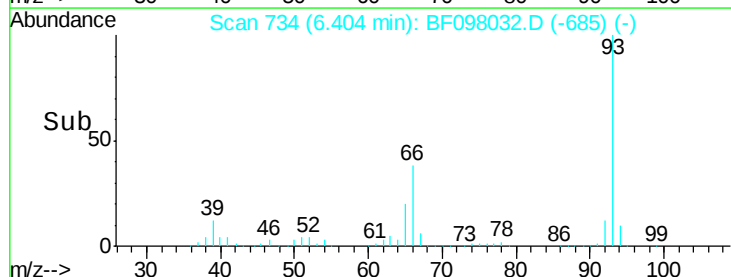
65 19.9 16.0 24.0

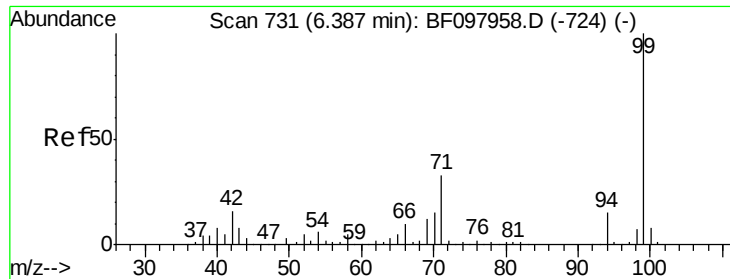


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.15 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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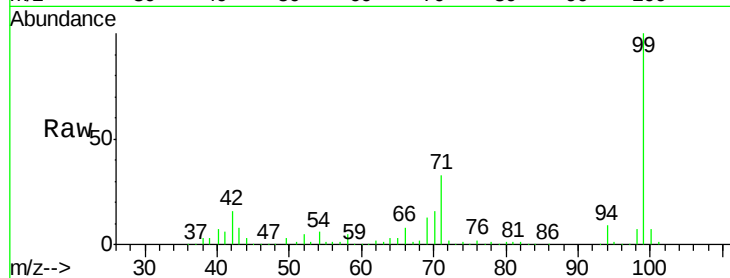
Tot Ion: 99 Resp: 866408

Ion Ratio Lower Upper

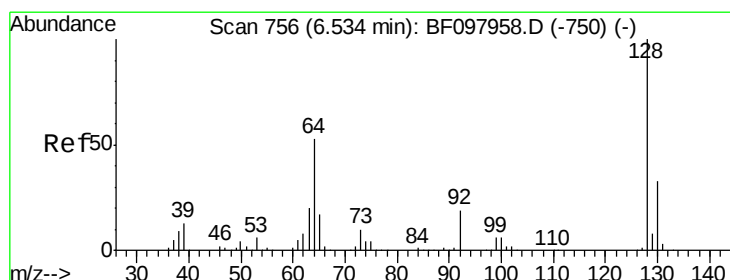
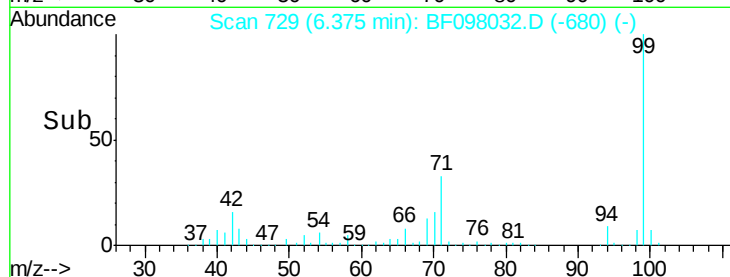
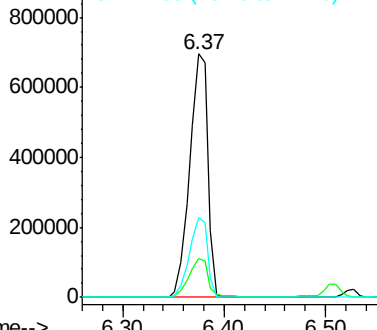
99 100

42 15.9 13.5 20.3

71 32.8 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: 40.53 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

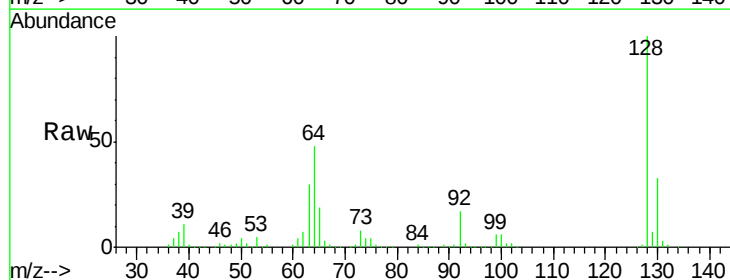
Tgt Ion: 128 Resp: 335914

Ion Ratio Lower Upper

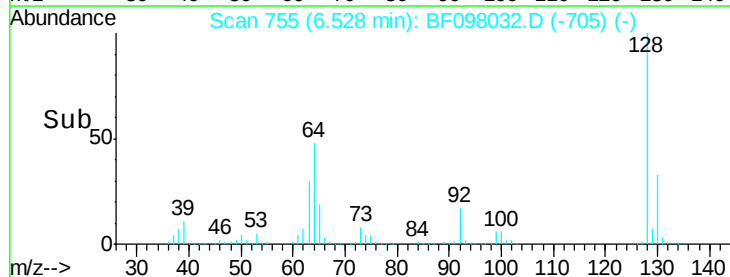
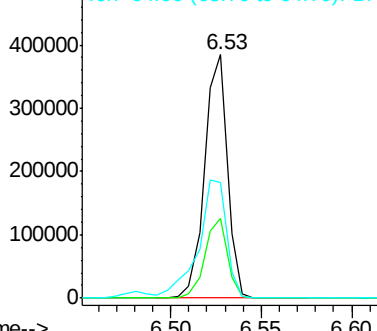
128 100

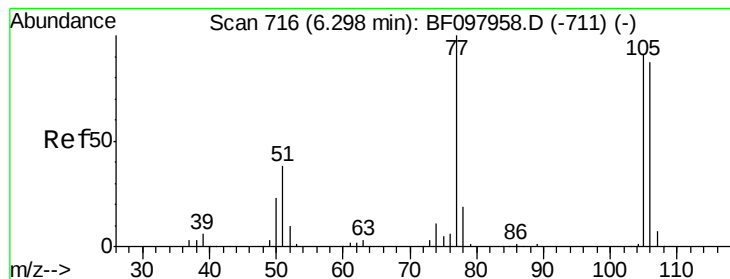
130 33.0 12.9 52.9

64 47.6 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: 37.62 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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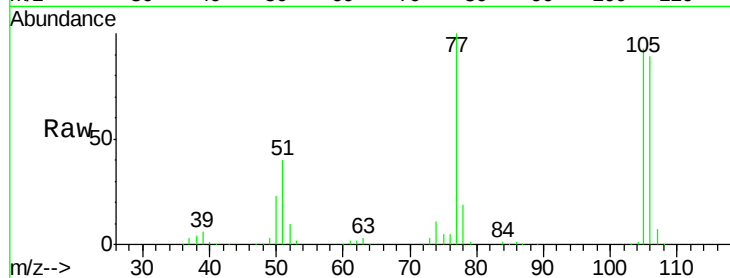
Tot Ion: 77 Resp: 254394

Ion Ratio Lower Upper

77 100

105 93.4 83.8 123.8

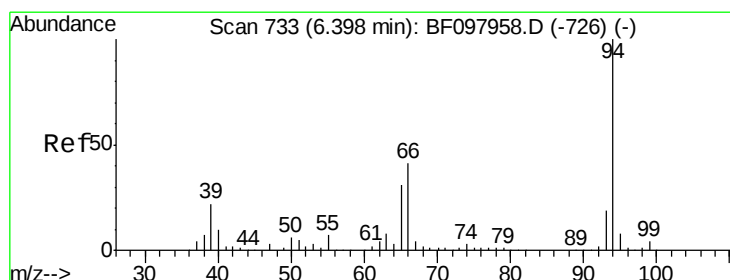
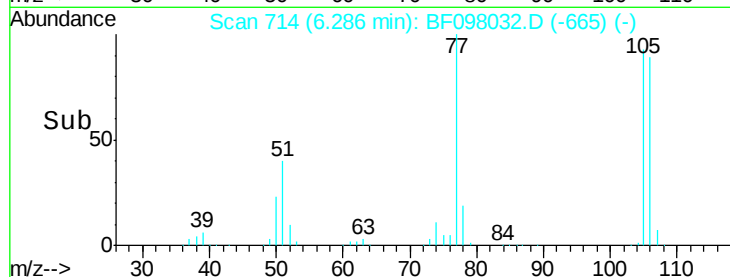
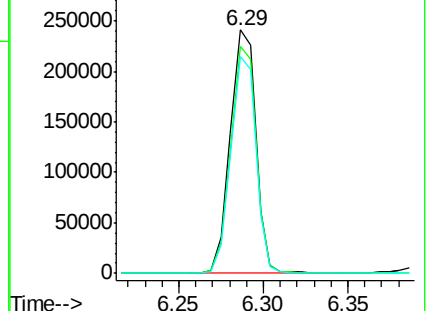
106 88.8 79.1 119.1



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: 41.05 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

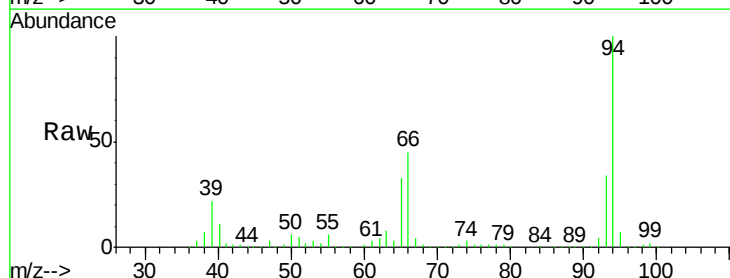
Tgt Ion: 94 Resp: 512606

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

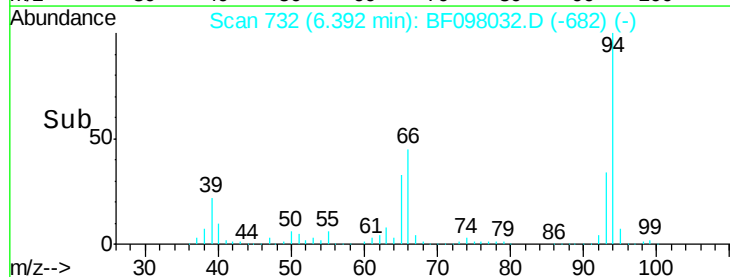
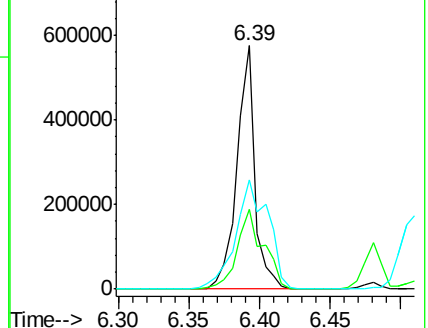
66 45.1 23.1 63.1

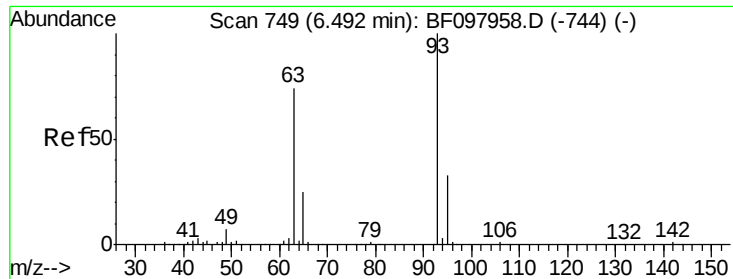


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.92 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

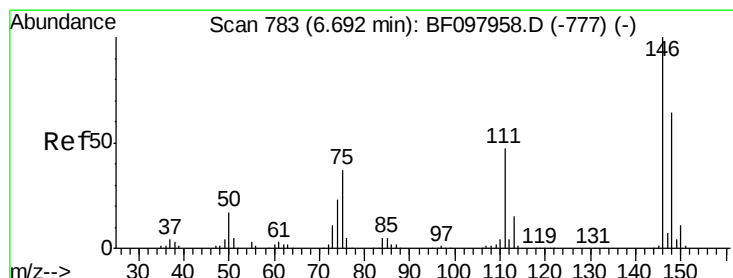
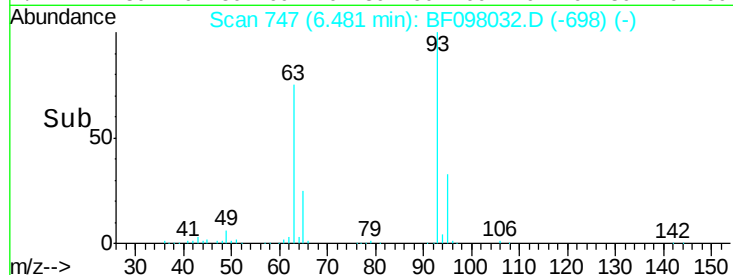
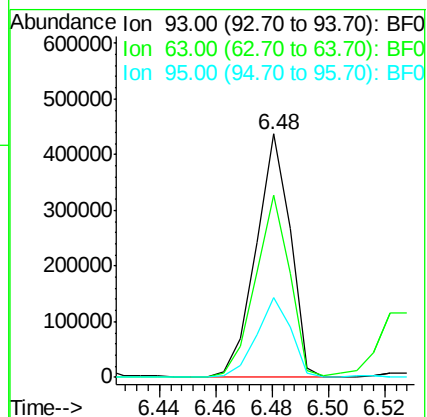
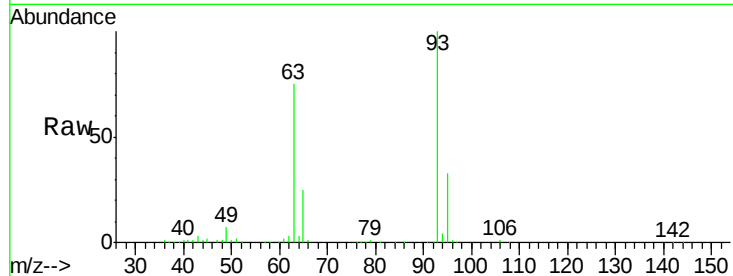
Tot Ion: 93 Resp: 366835

Ion Ratio Lower Upper

93 100

63 74.8 59.2 99.2

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.93 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

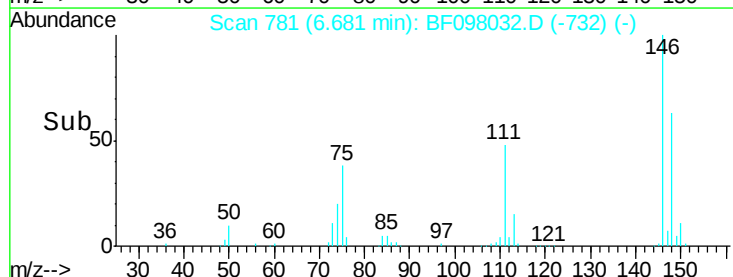
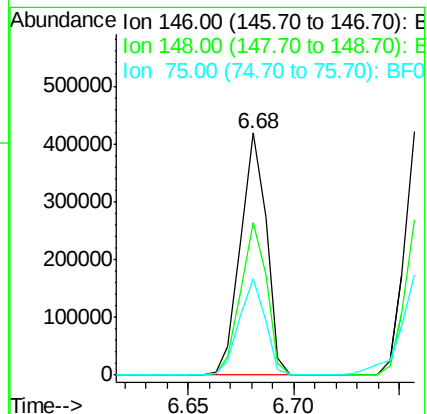
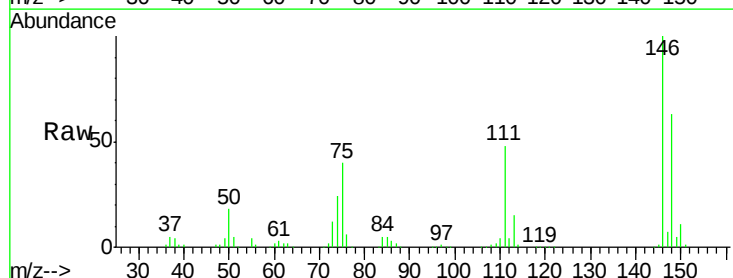
Tgt Ion: 146 Resp: 355930

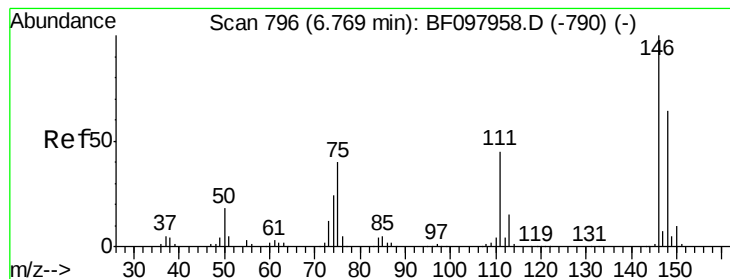
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

75 39.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.36 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

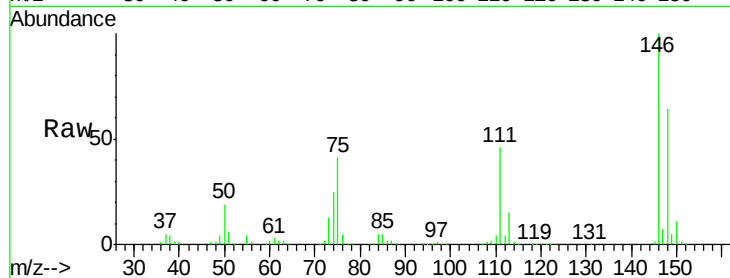
Tot Ion:146 Resp: 356875

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

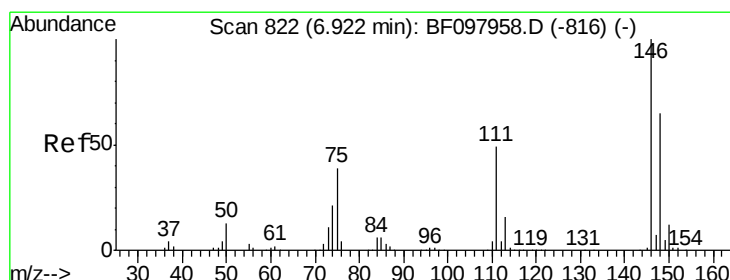
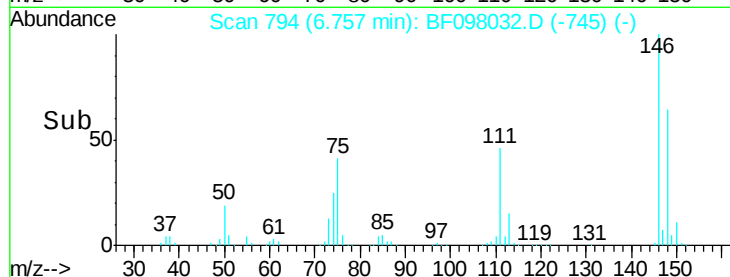
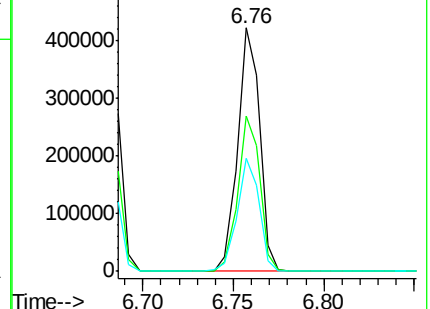
111 46.5 30.3 45.5#



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: 39.57 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

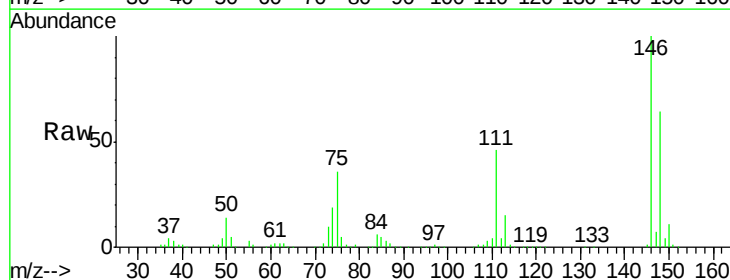
Tgt Ion:146 Resp: 330817

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

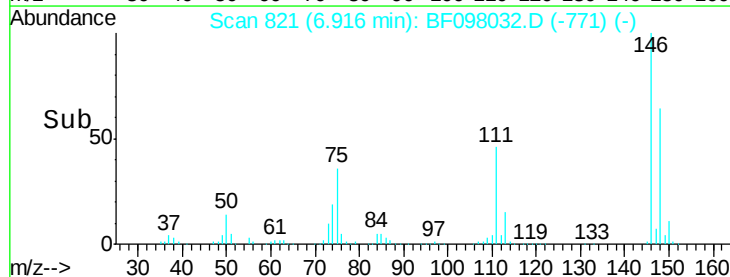
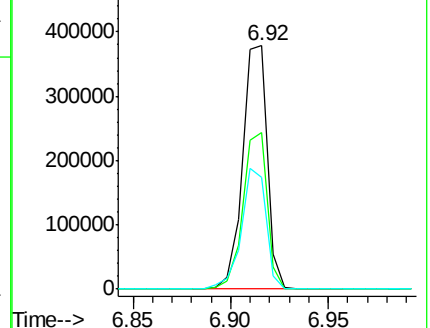
111 45.7 38.2 57.4

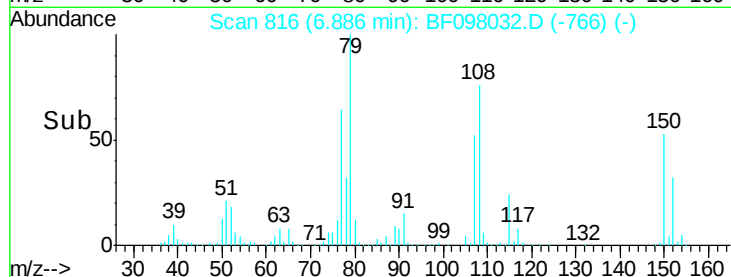
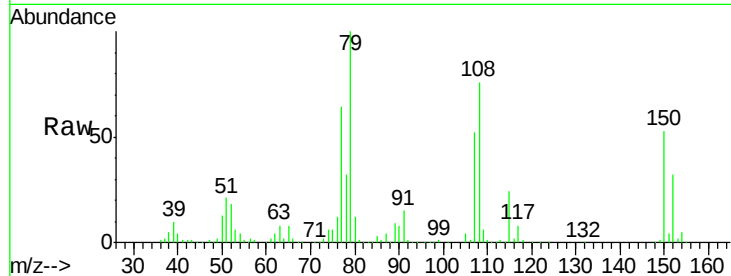
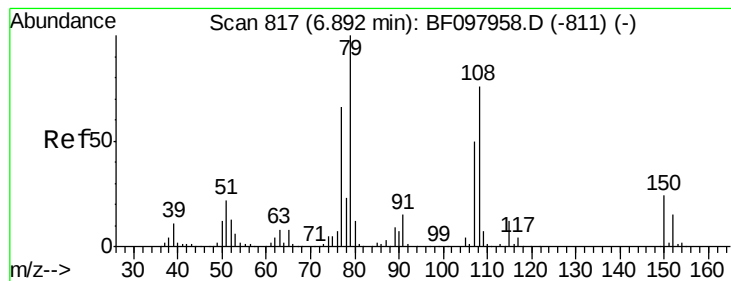


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.74 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

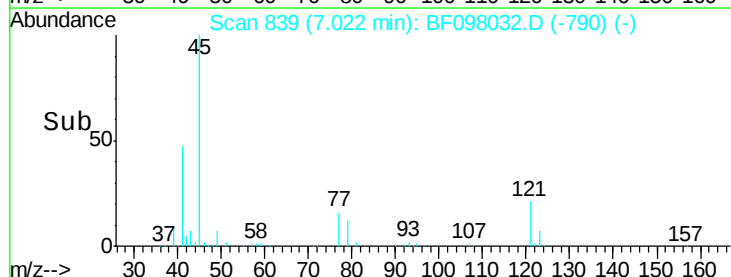
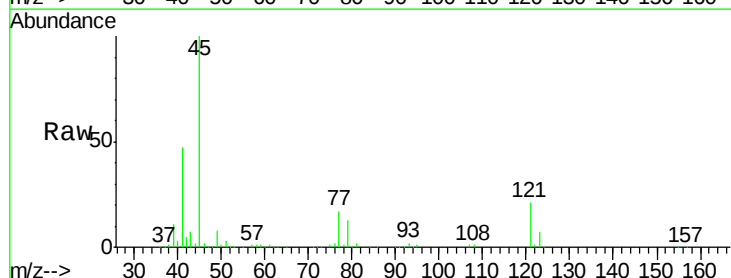
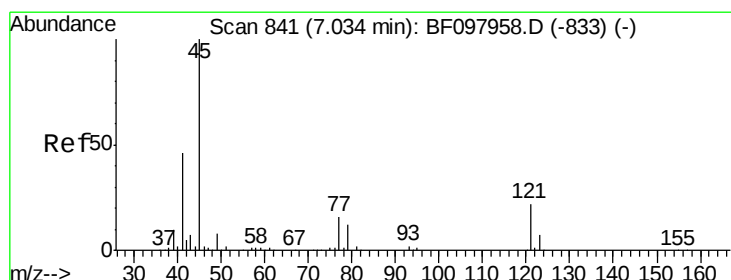
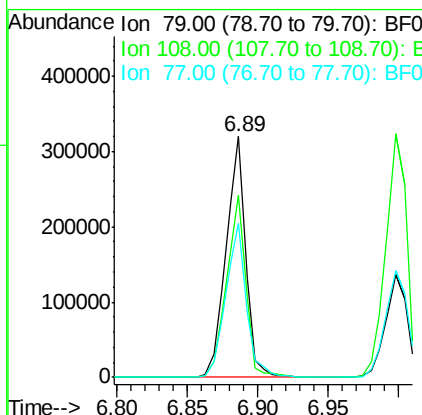
Tot Ion: 79 Resp: 309699

Ion Ratio Lower Upper

79 100

108 76.0 63.4 95.0

77 64.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.11 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

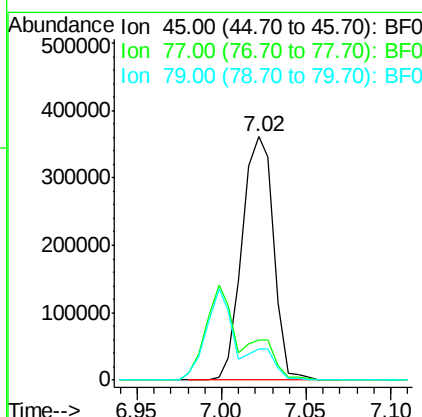
Tgt Ion: 45 Resp: 470613

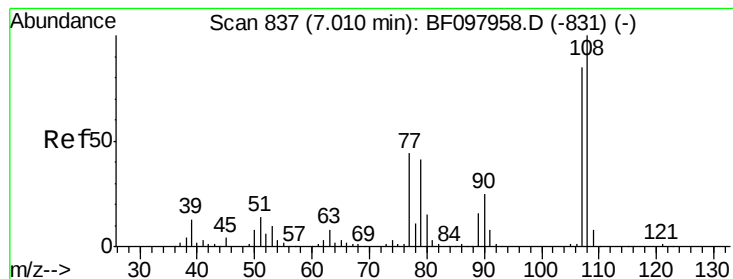
Ion Ratio Lower Upper

45 100

77 16.7 0.0 33.2

79 12.7 0.0 30.0





#17

2-Methylphenol

Concen: 39.70 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 289964

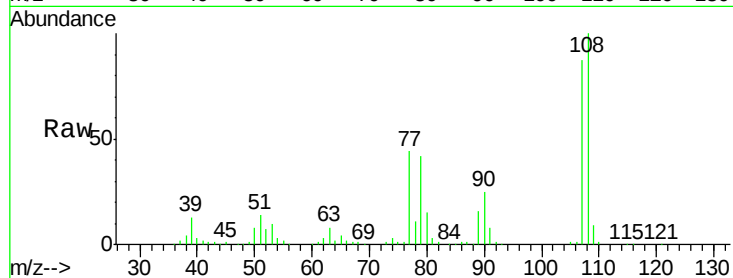
Ion Ratio Lower Upper

107 100

108 115.1 93.4 140.0

77 50.2 35.8 53.6

79 48.3 34.8 52.2

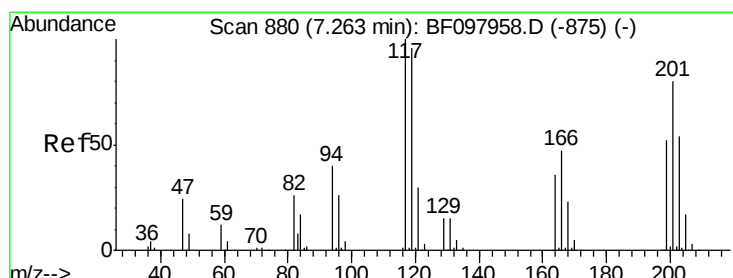
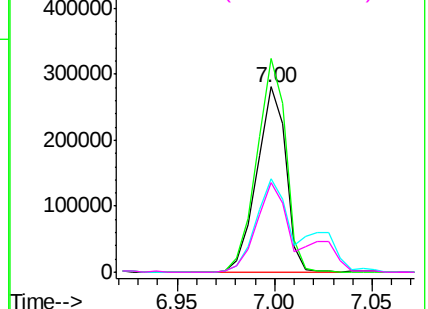
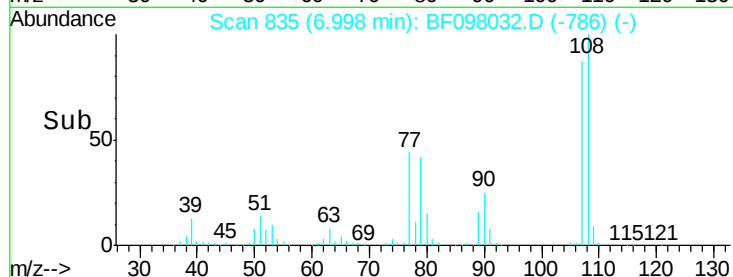


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.71 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

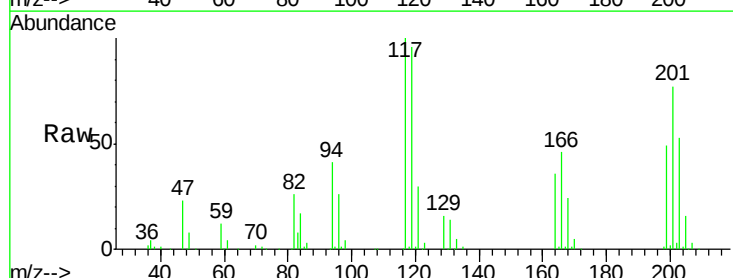
Tgt Ion:117 Resp: 141160

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

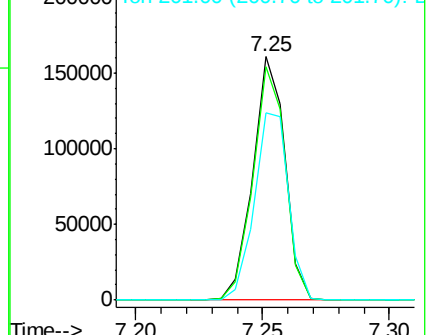
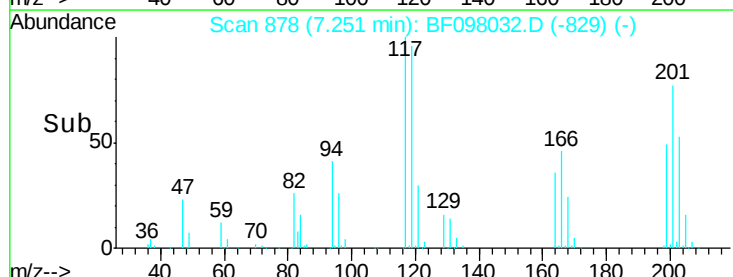
201 77.2 94.6 141.8#

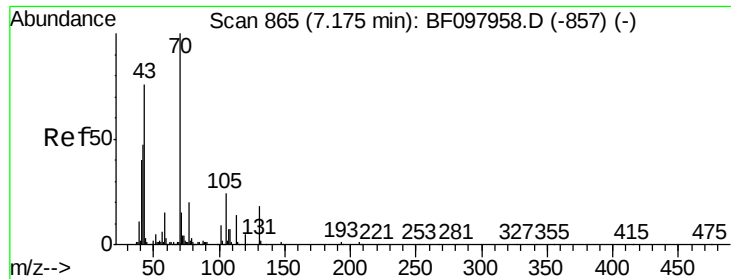


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

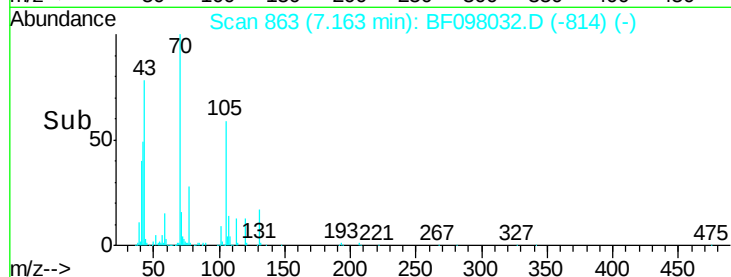
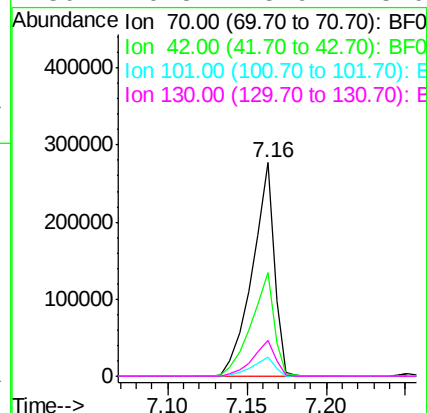
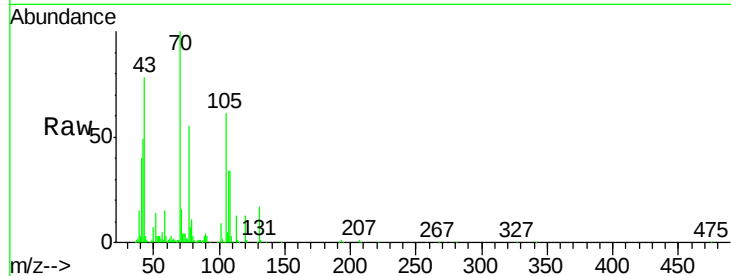




#19
n-Nitroso-di-n-propylamine
Concen: 36.42 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

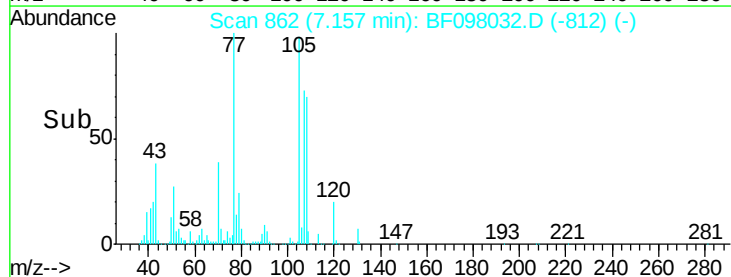
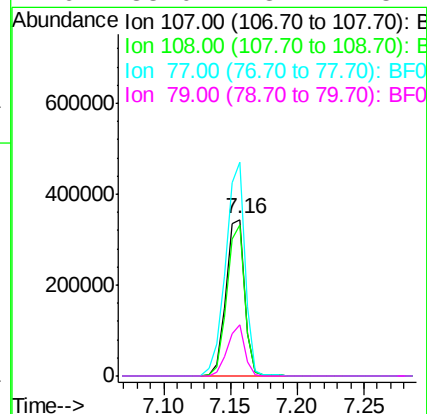
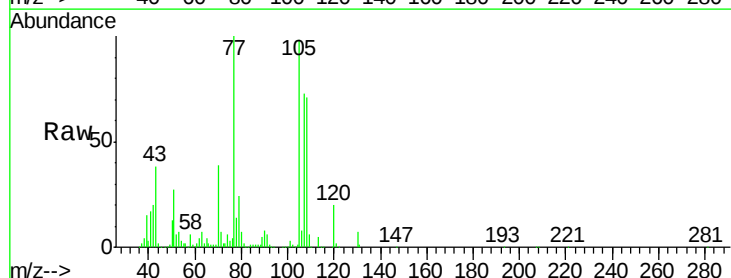
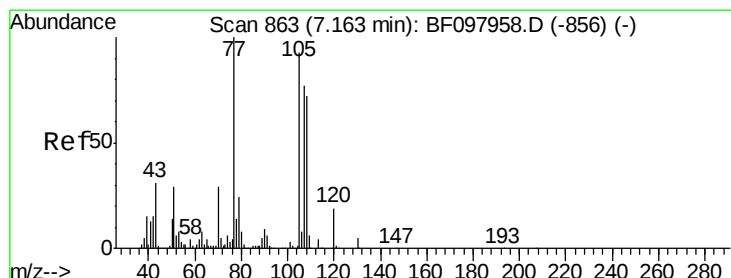
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

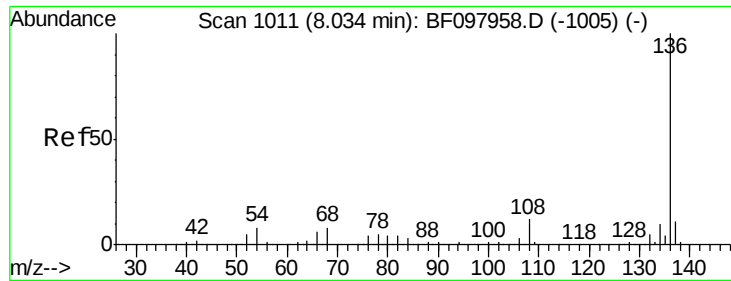
Tot Ion:	70	Resp:	266176
Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.2	70.8
101	8.9	7.2	10.8
130	16.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.50 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:	107	Resp:	343393
Ion	Ratio	Lower	Upper
107	100		
108	96.4	71.0	111.0
77	136.6	90.5	130.5#
79	33.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 468276

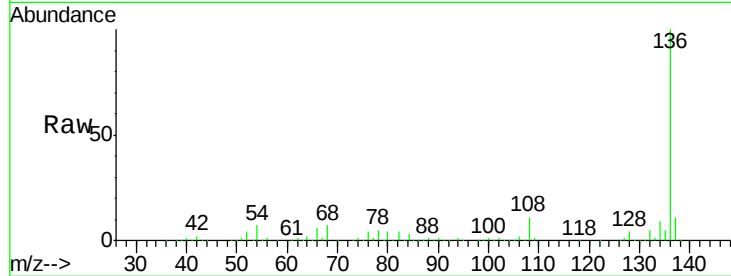
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 6.8 4.1 6.1#

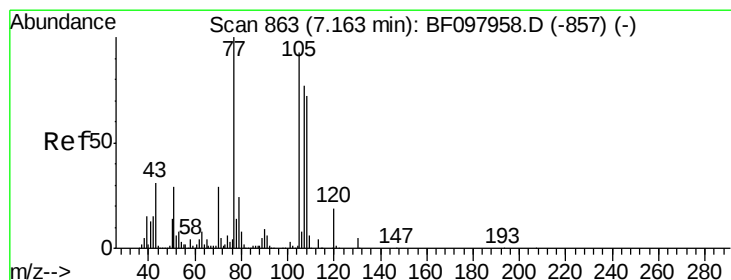
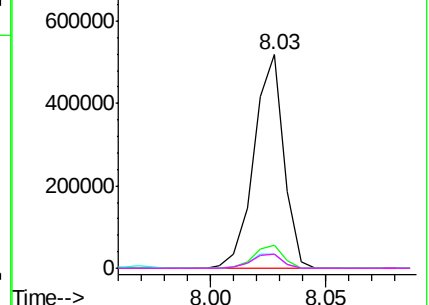
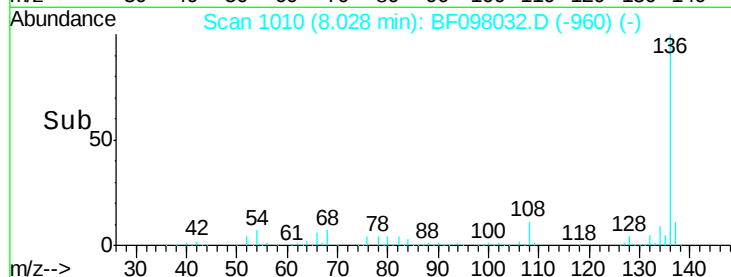


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.63 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Tgt Ion:105 Resp: 465458

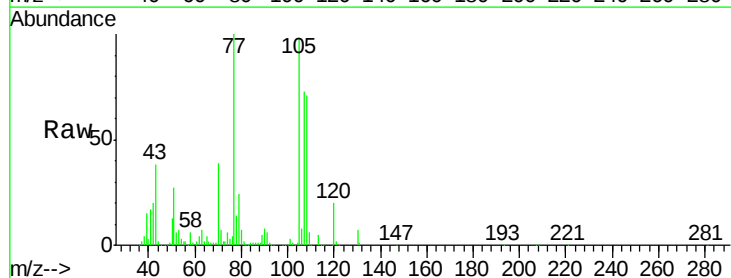
Ion Ratio Lower Upper

105 100

71 7.1 2.8 4.2#

51 28.0 30.7 46.1#

120 20.3 17.4 26.0

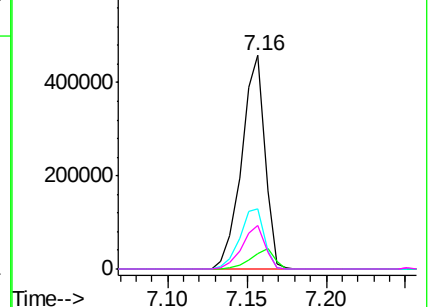
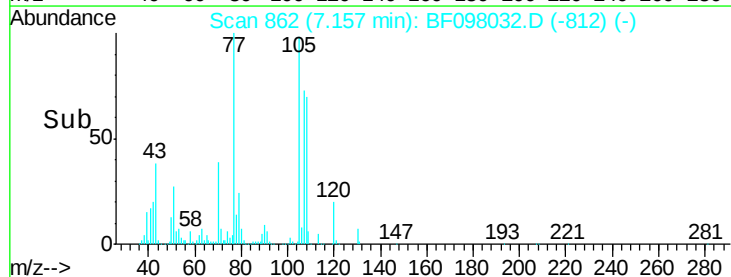


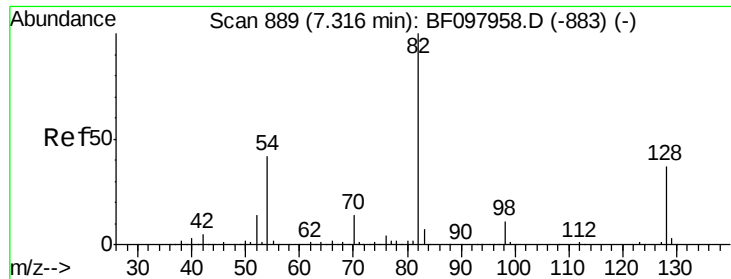
Abundance Ion 105.00 (104.70 to 105.70): E

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

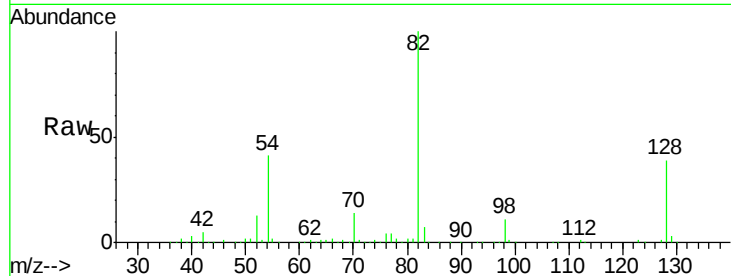




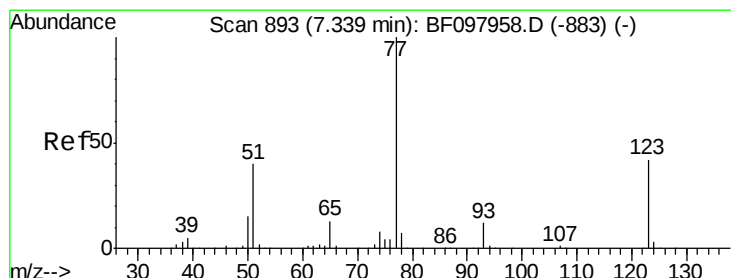
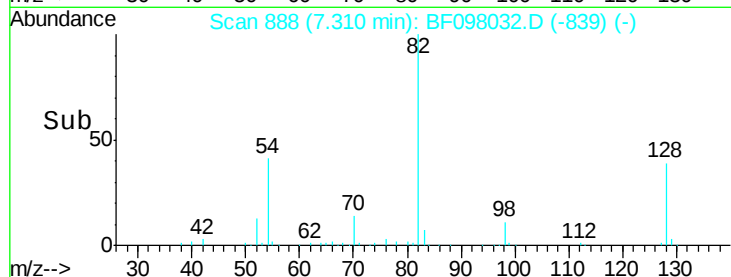
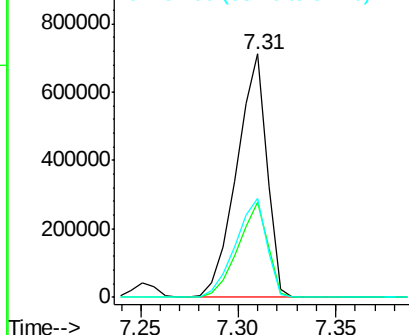
#23
 Nitrobenzene-d5
 Concen: 88.39 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 761914
 Ion Ratio Lower Upper
 82 100
 128 38.9 34.0 51.0
 54 40.9 42.2 63.2#

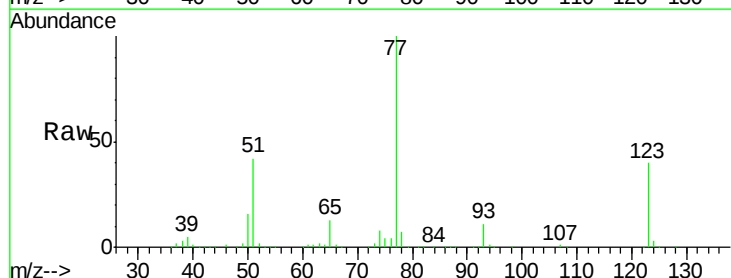


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

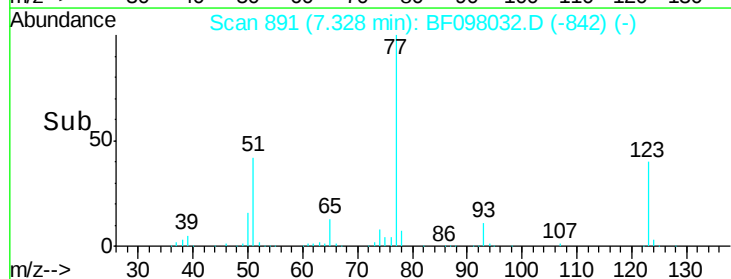
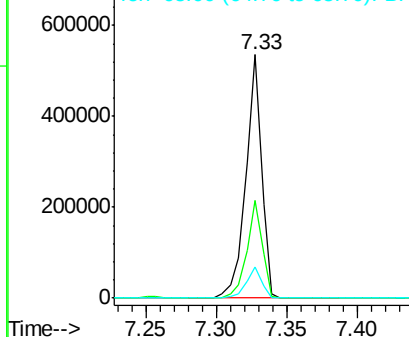


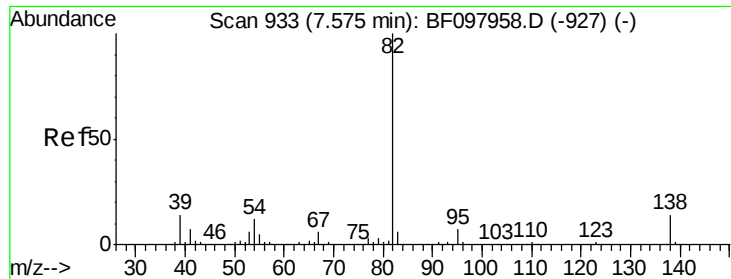
#24
 Nitrobenzene
 Concen: 43.47 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion: 77 Resp: 417252
 Ion Ratio Lower Upper
 77 100
 123 39.9 35.8 53.8
 65 13.0 10.6 15.8



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





#25

Isophorone

Concen: 38.38 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

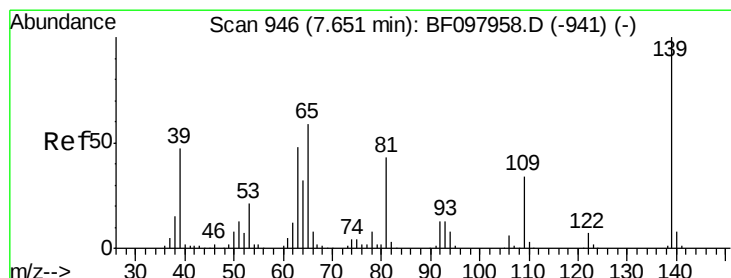
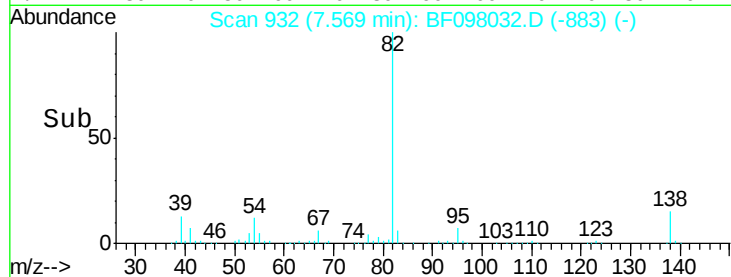
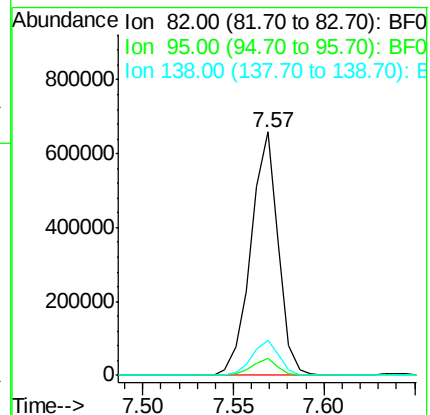
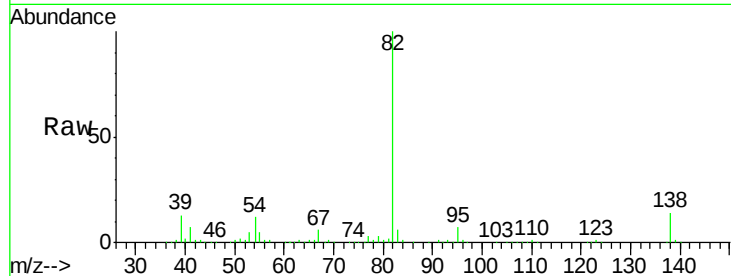
Tot Ion: 82 Resp: 687927

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.4 13.1 19.7



#26

2-Nitrophenol

Concen: 47.52 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

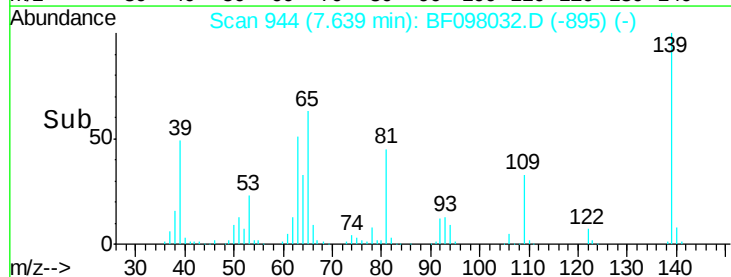
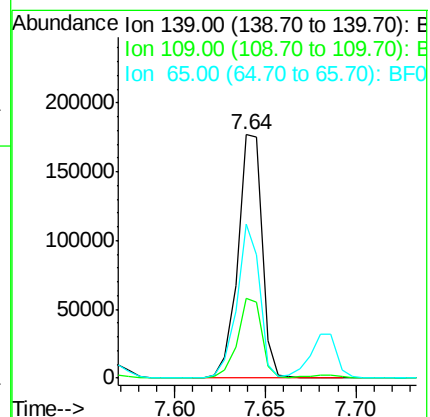
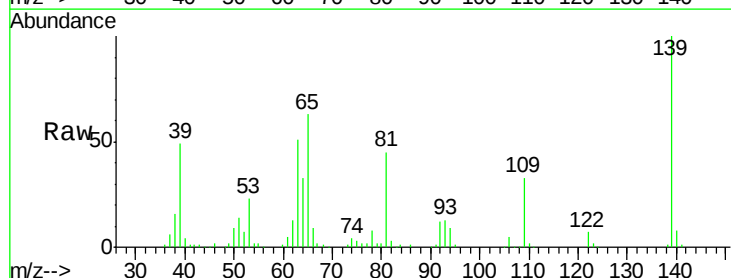
Tgt Ion: 139 Resp: 165028

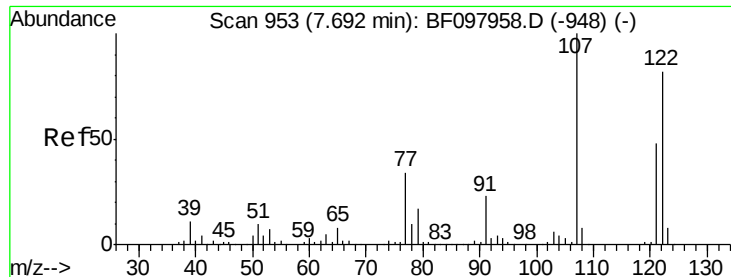
Ion Ratio Lower Upper

139 100

109 32.6 21.0 31.6#

65 63.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.94 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

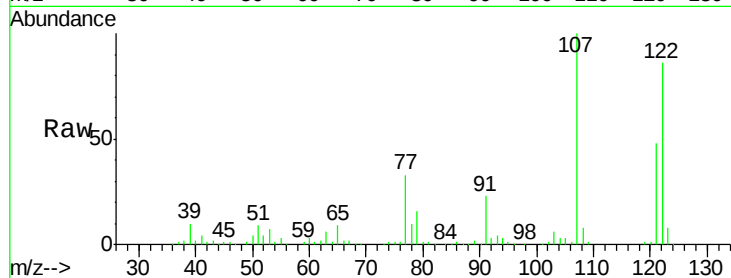
Tot Ion:122 Resp: 298574

Ion Ratio Lower Upper

122 100

107 116.8 89.2 133.8

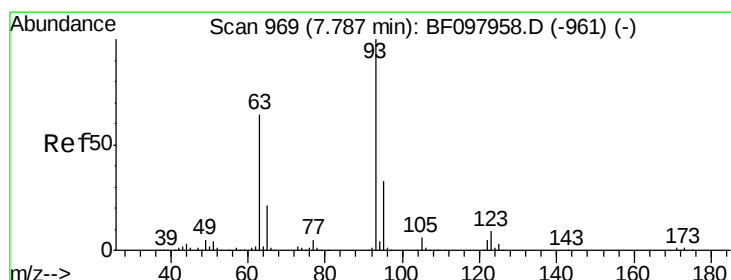
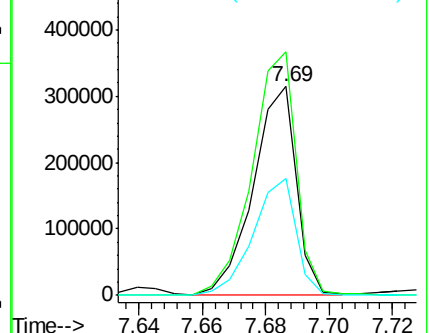
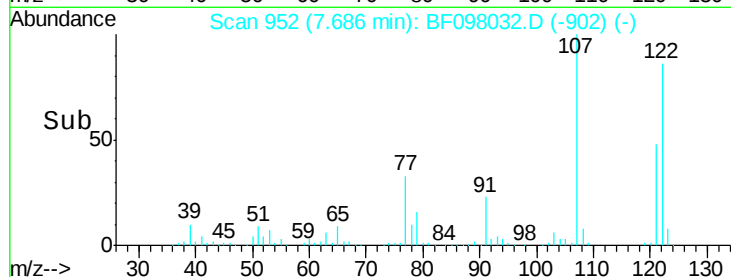
121 56.1 45.2 67.8



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: 38.69 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

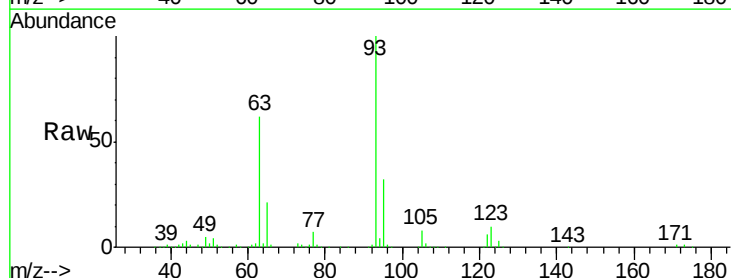
Tgt Ion: 93 Resp: 455933

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

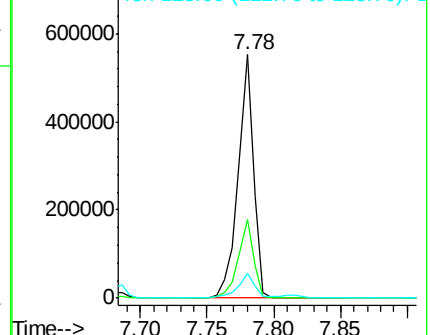
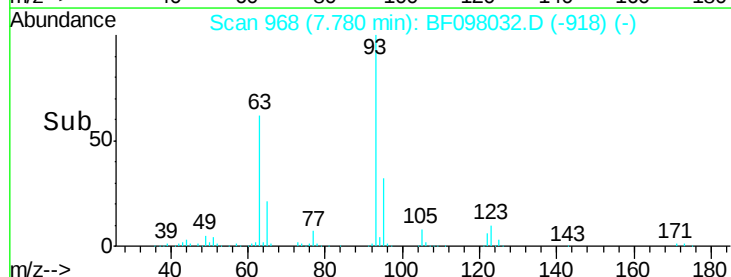
123 10.1 9.0 13.4

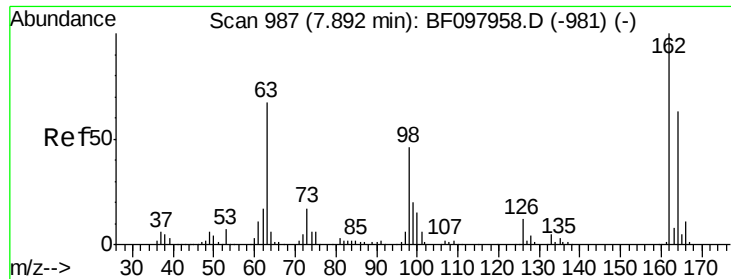


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

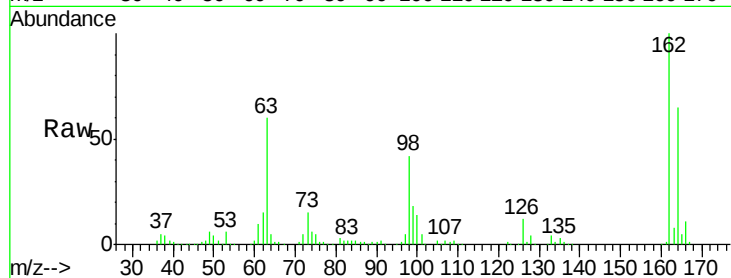




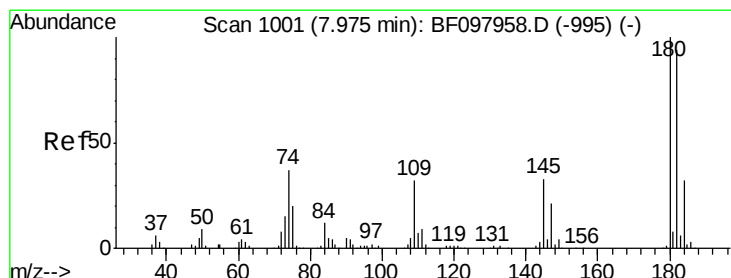
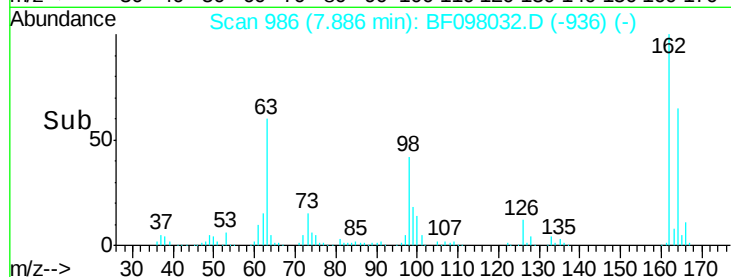
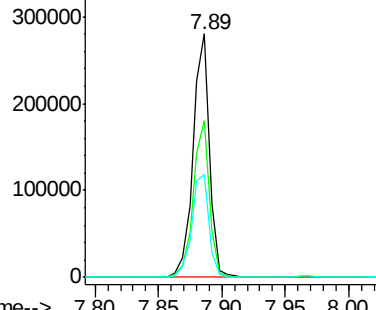
#29
 2,4-Dichlorophenol
 Concen: 40.82 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	42.5	14.8	54.8

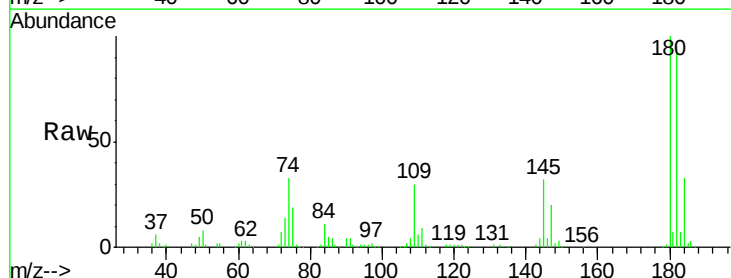


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

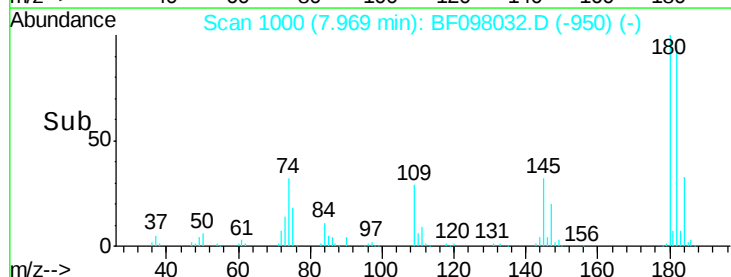
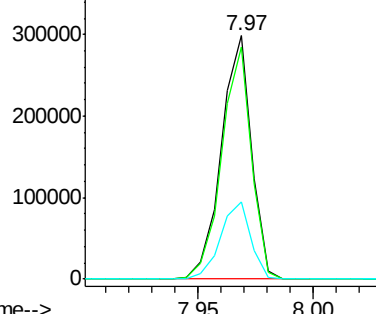


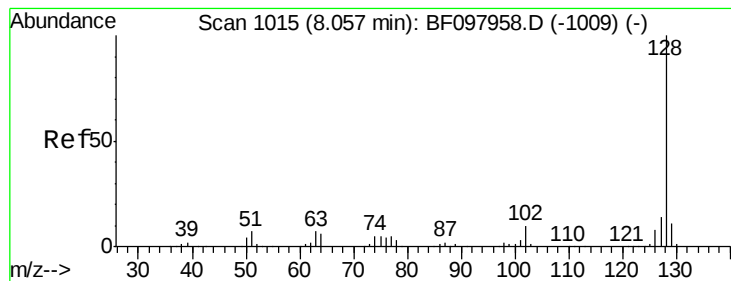
#30
 1,2,4-Trichlorobenzene
 Concen: 39.63 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	31.9	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: 39.16 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

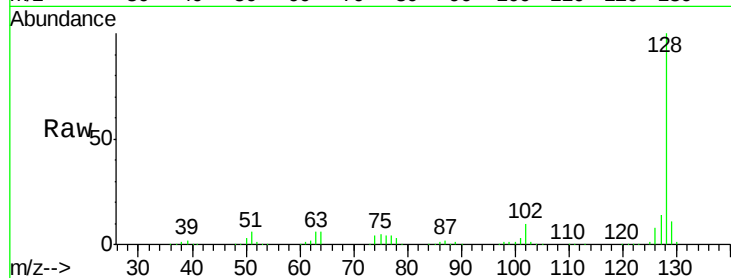
Tot Ion:128 Resp: 951886

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

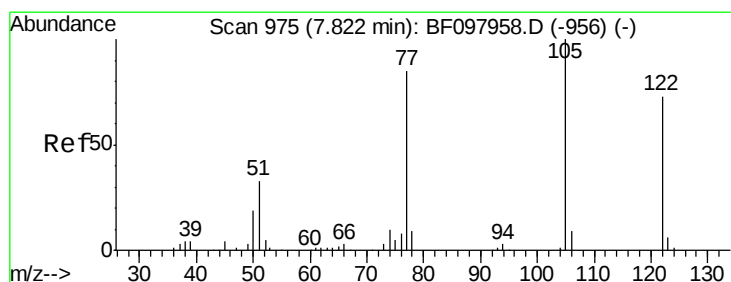
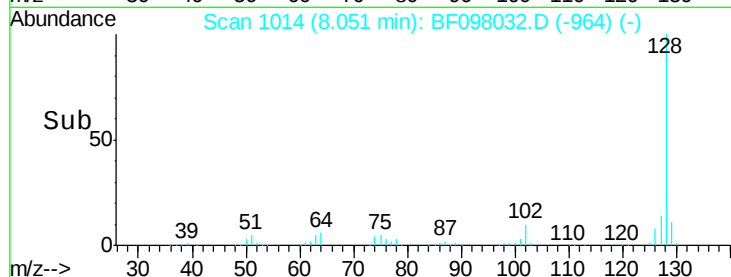
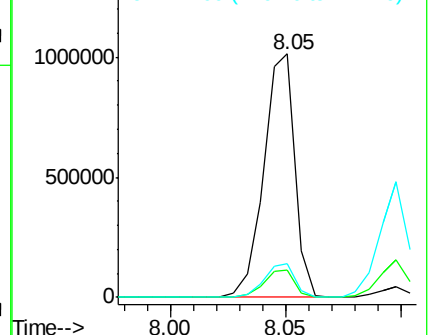
127 13.7 10.8 16.2



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: 44.25 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

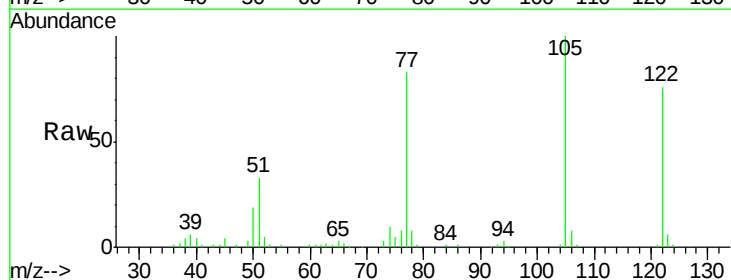
Tgt Ion:122 Resp: 237886

Ion Ratio Lower Upper

122 100

105 131.8 103.3 143.3

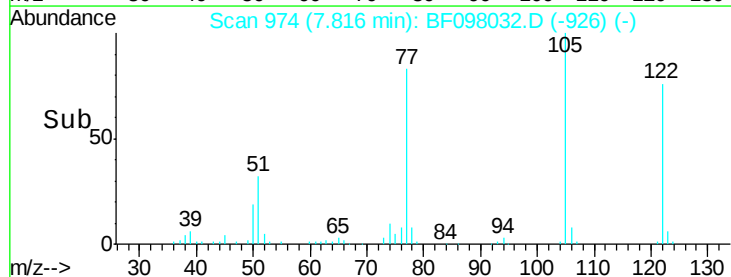
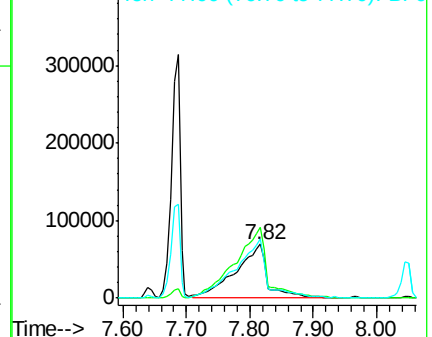
77 109.9 73.7 113.7

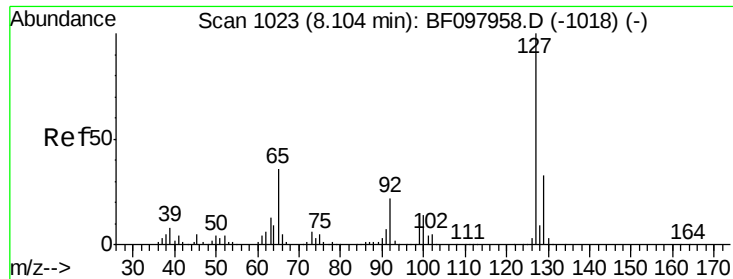


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

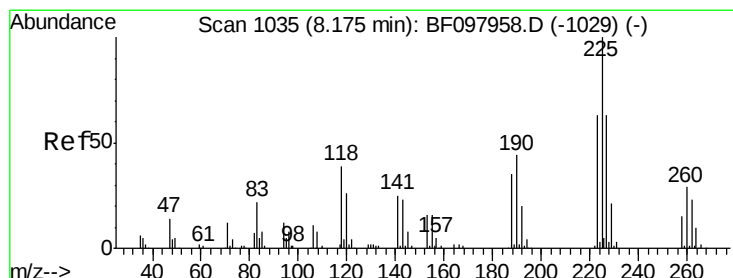
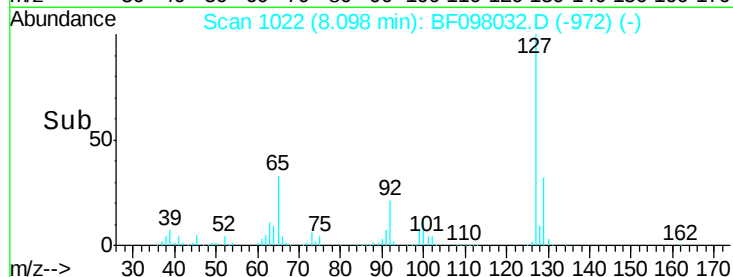
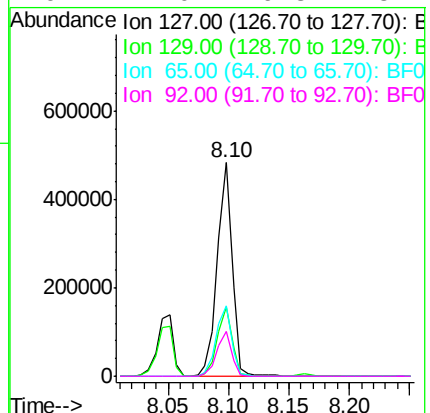
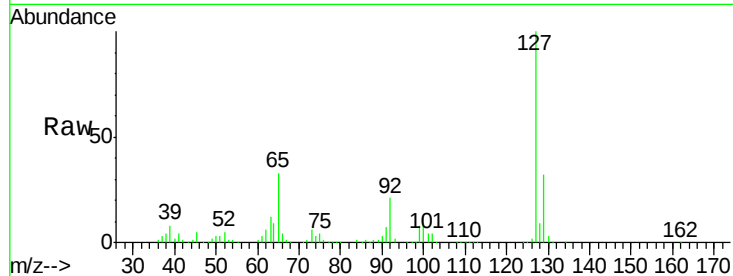




#33
4-Chloroaniline
Concen: 40.01 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

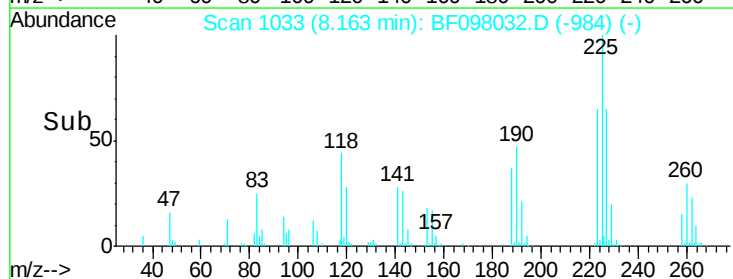
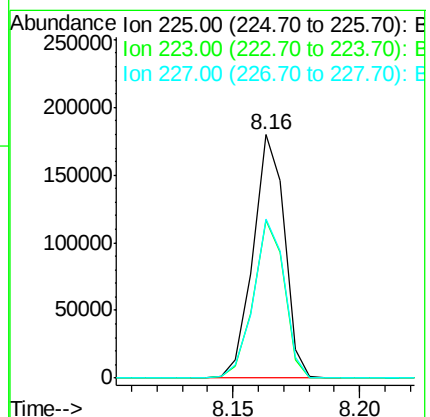
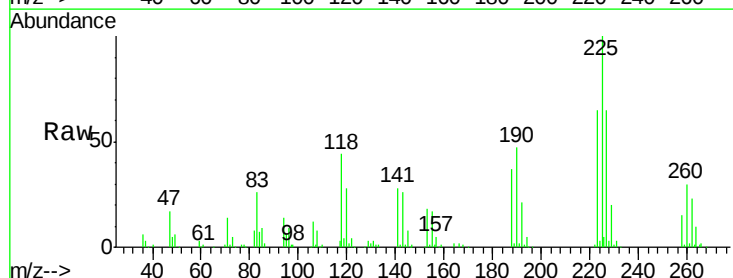
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

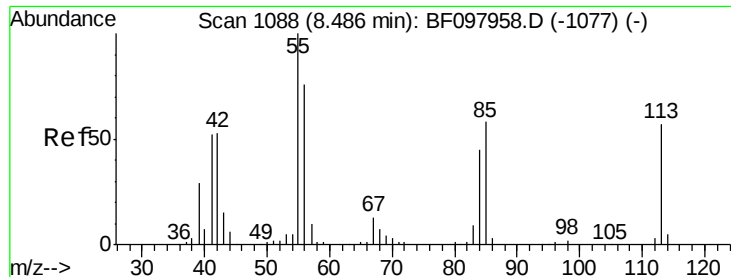
Tot Ion:	127	Resp:	410179
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	33.1	27.8	41.8
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.70 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:	225	Resp:	155414
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.1	51.1	76.7

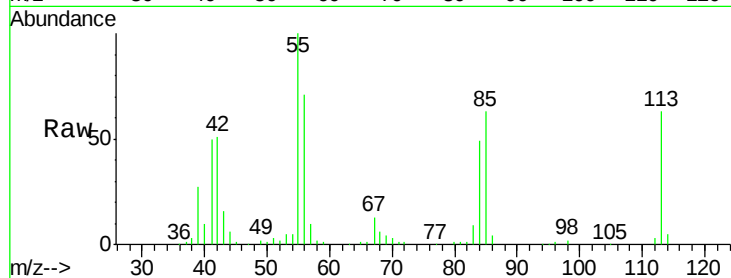




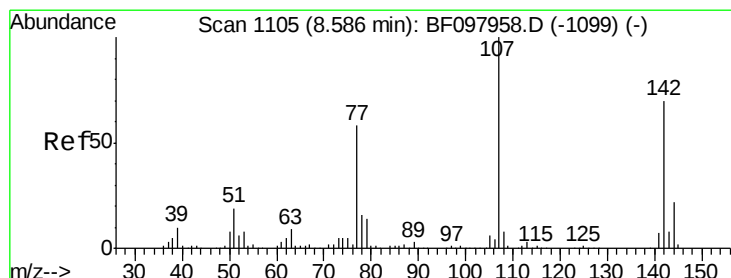
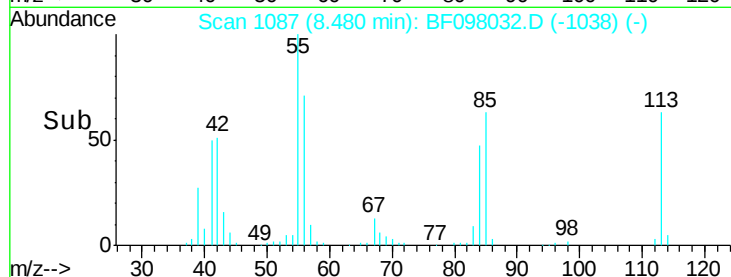
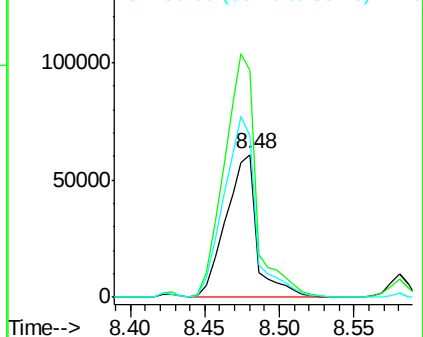
#35
 Caprolactam
 Concen: 42.29 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 89202
 Ion Ratio Lower Upper
 113 100
 55 159.2 150.2 190.2
 56 113.5 107.8 147.8

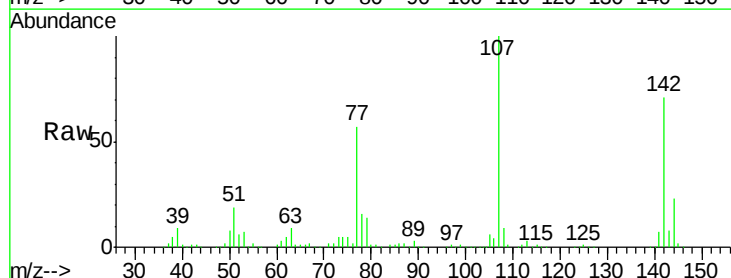


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

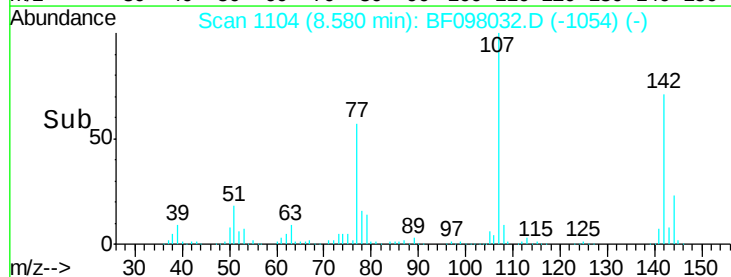
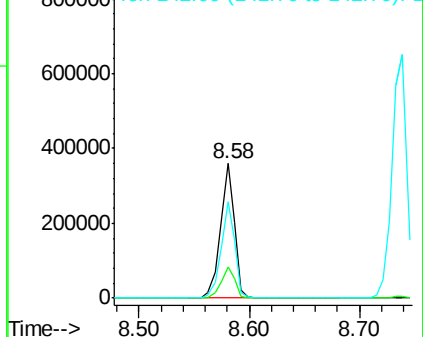


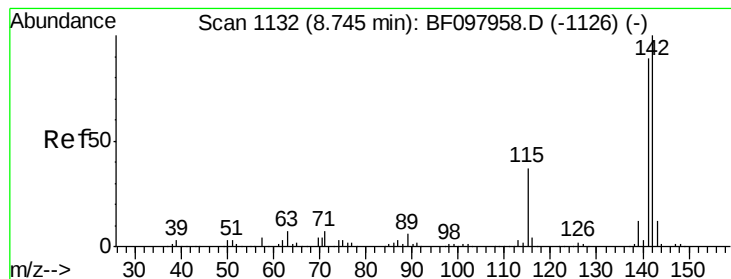
#36
 4-Chloro-3-methylphenol
 Concen: 39.89 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:107 Resp: 318001
 Ion Ratio Lower Upper
 107 100
 144 22.8 24.2 36.4#
 142 71.2 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

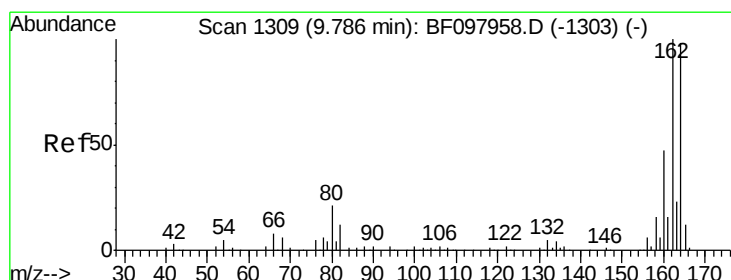
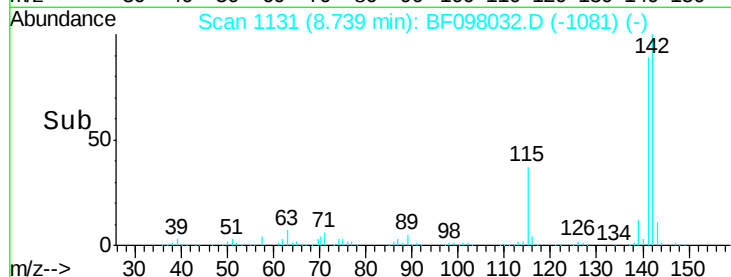
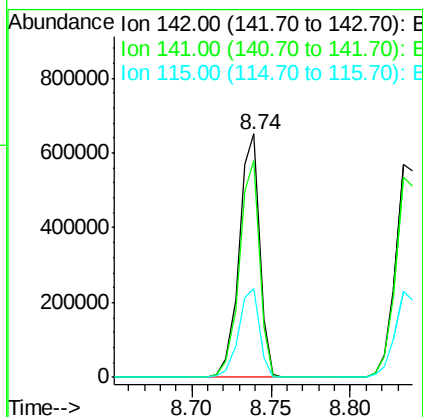
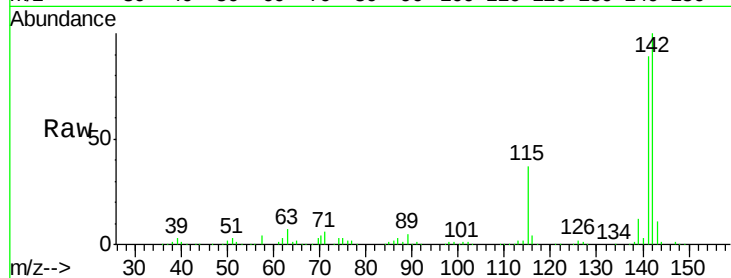




#37
2-Methylnaphthalene
Concen: 39.13 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

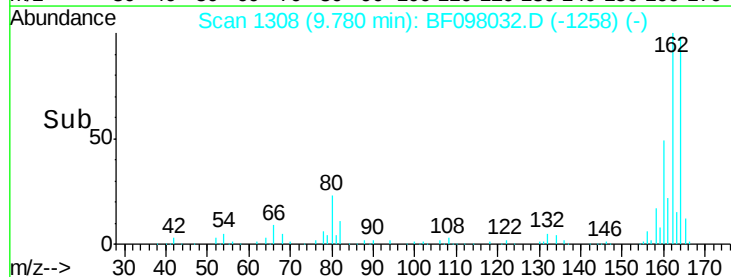
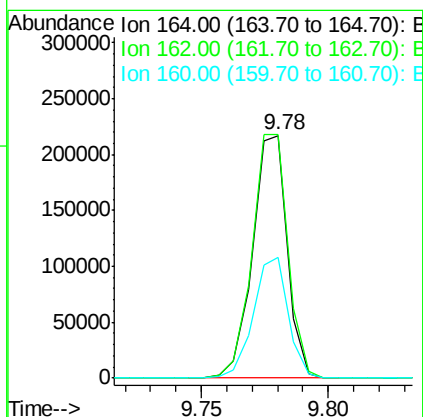
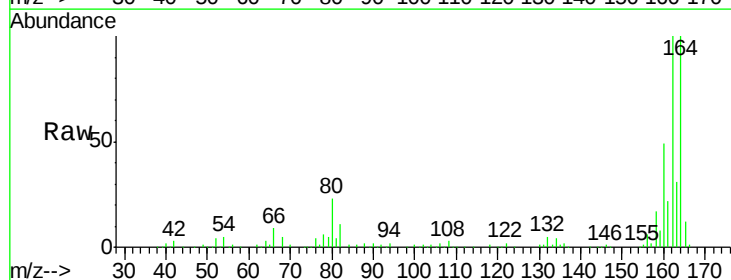
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

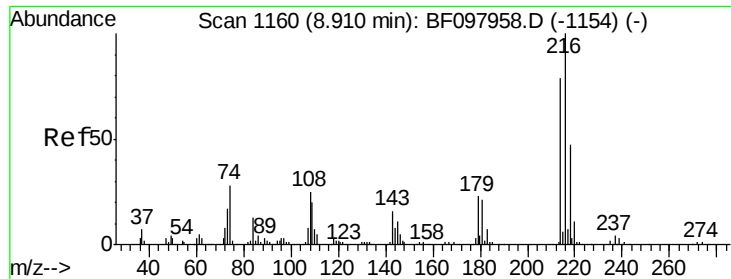
Tot Ion:142 Resp: 583246
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 36.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:164 Resp: 205415
Ion Ratio Lower Upper
164 100
162 100.4 82.6 123.8
160 49.7 36.2 54.2

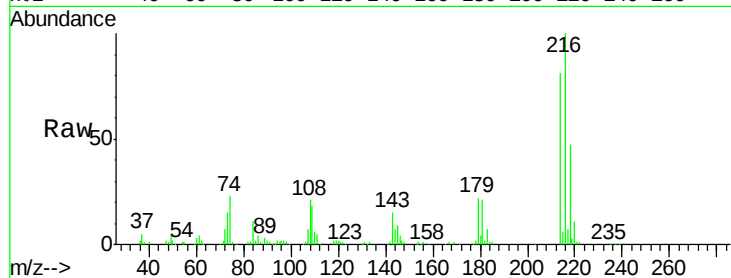




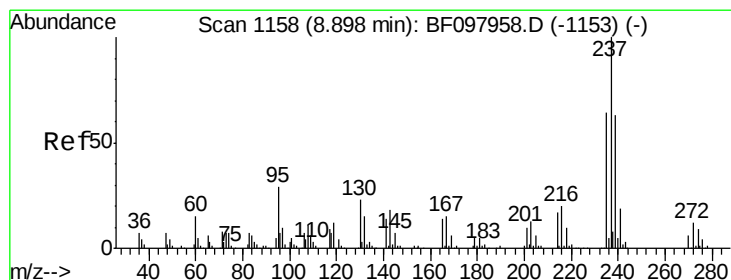
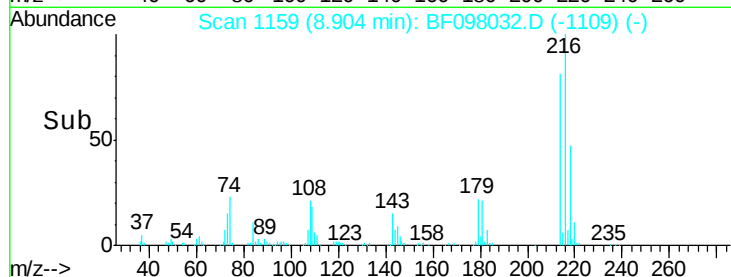
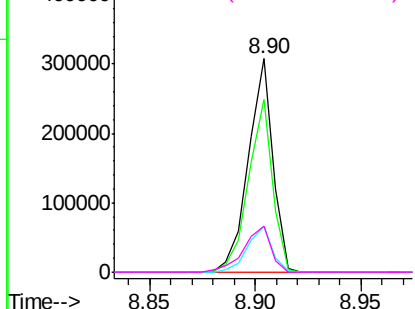
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.54 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	249240
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	21.7	17.9	26.9
108	24.0	16.5	24.7

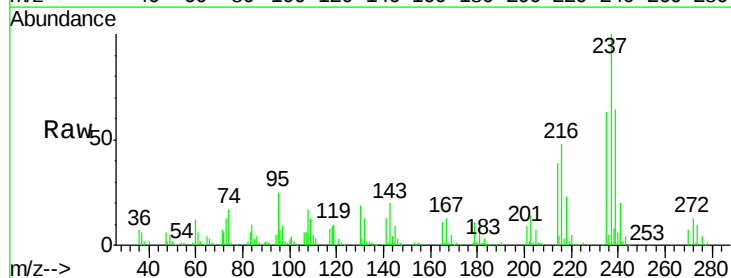


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

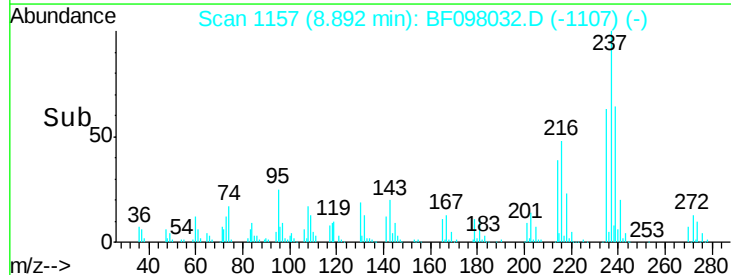
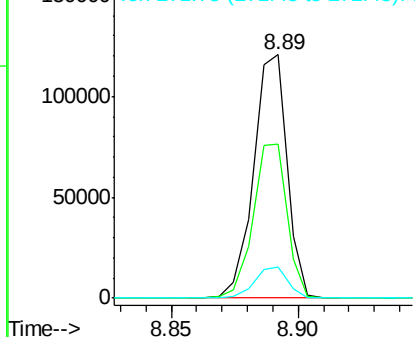


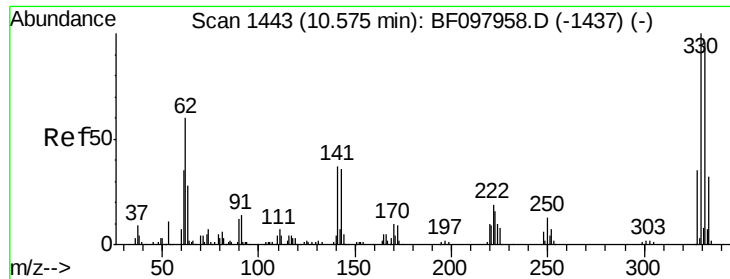
#40
 Hexachlorocyclopentadiene
 Concen: 36.84 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:	237	Resp:	111558
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.6	82.6
272	12.6	0.0	31.9



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

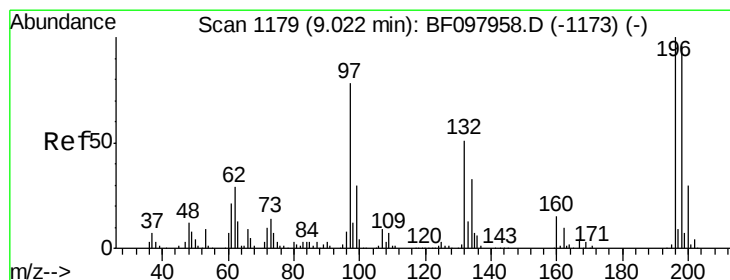
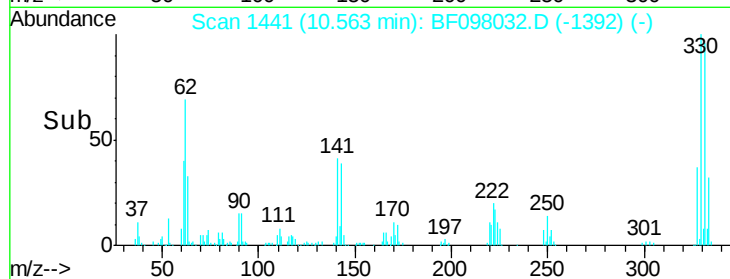
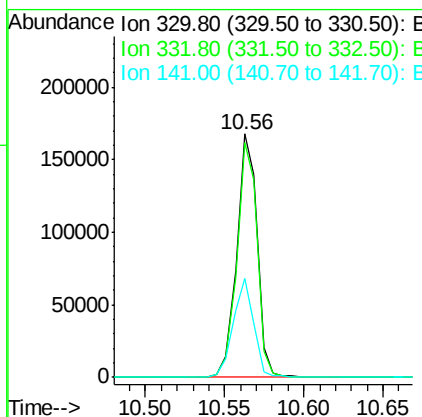
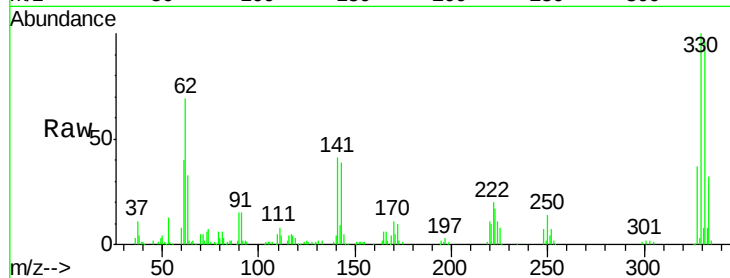




#41
 2,4,6-Tribromophenol
 Concen: 84.21 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

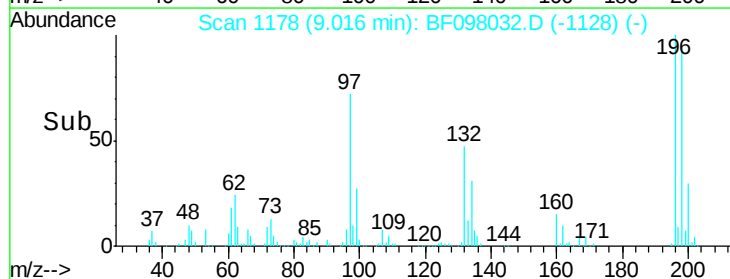
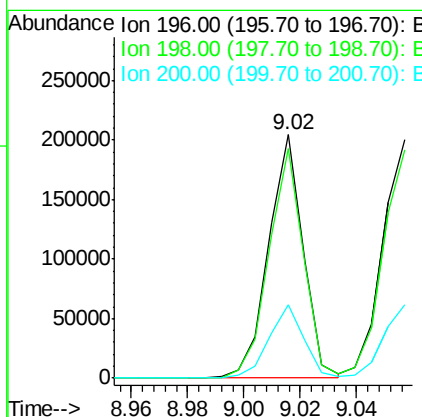
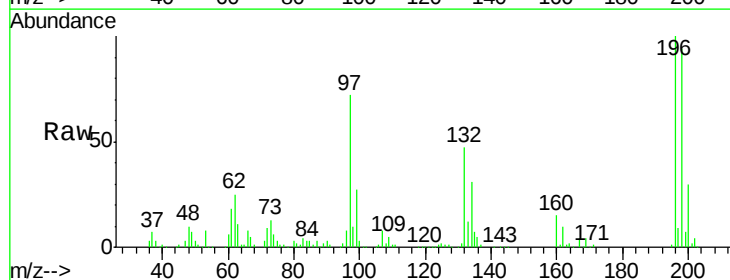
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

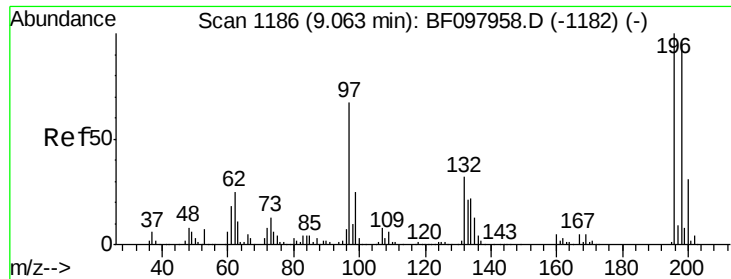
Tot Ion:330 Resp: 150087
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.7 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.87 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:196 Resp: 172985
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.4
 200 30.2 24.0 36.0

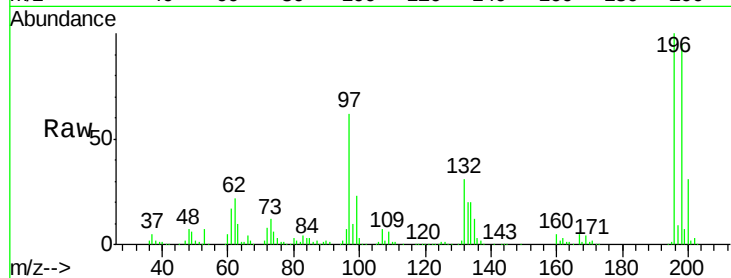




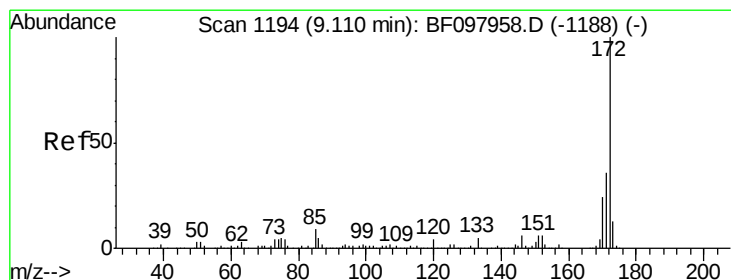
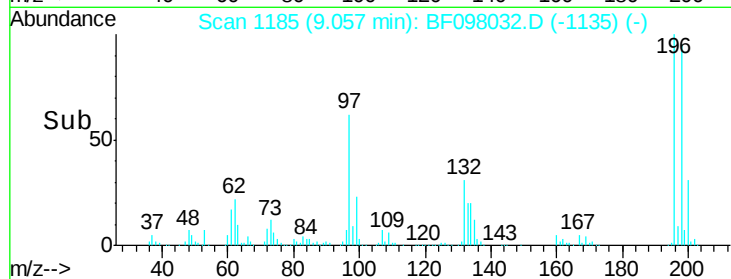
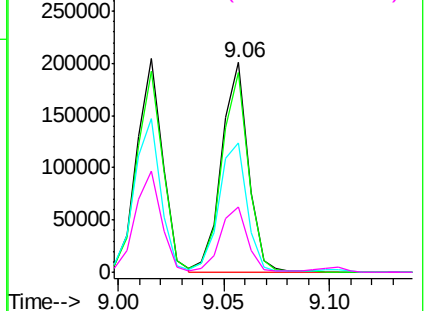
#43
 2,4,5-Trichlorophenol
 Concen: 41.57 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	174549
Ion	Ratio	Lower Upper
196	100	
198	95.5	75.7 113.5
97	61.9	47.7 71.5
132	31.0	28.0 42.0

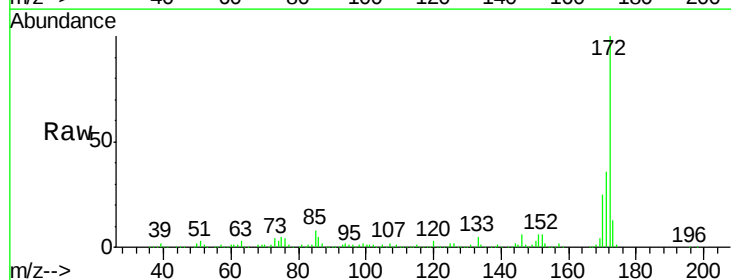


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

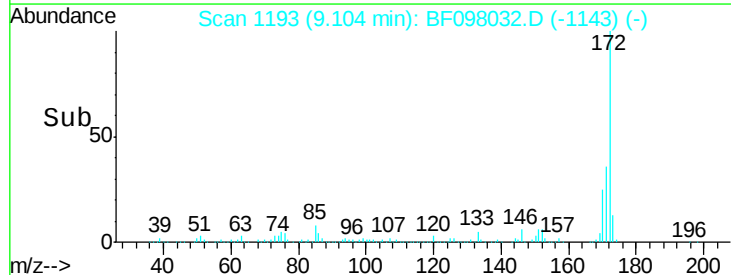
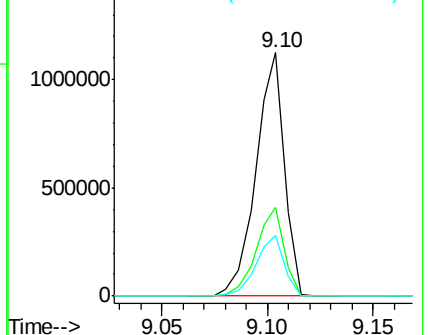


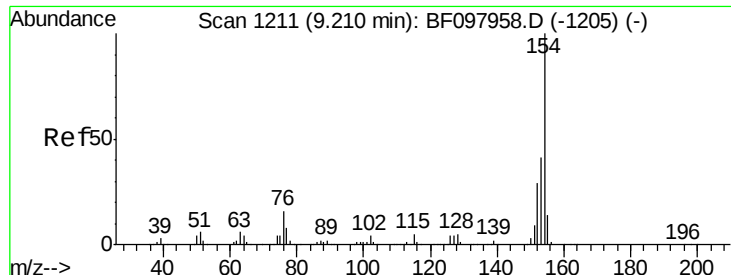
#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:172	Resp:	1051207
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.6 44.4
170	24.6	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

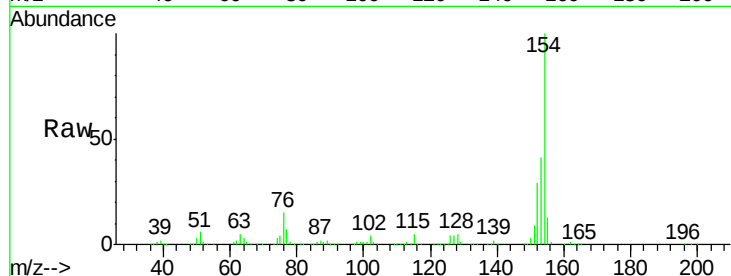




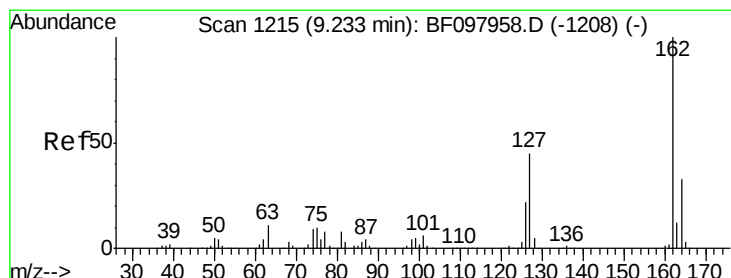
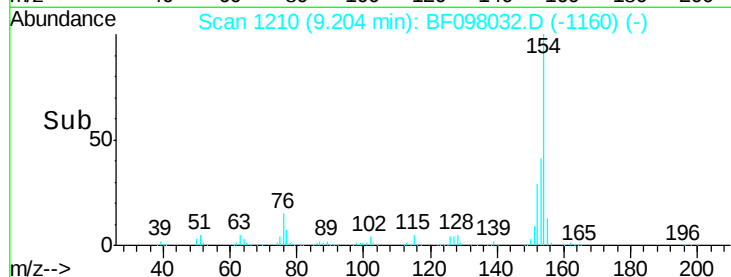
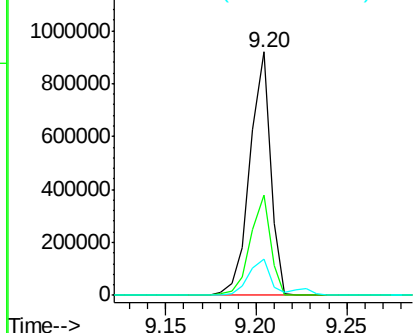
#45
1,1'-Biphenyl
Concen: 38.91 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	14.9	0.0	29.9

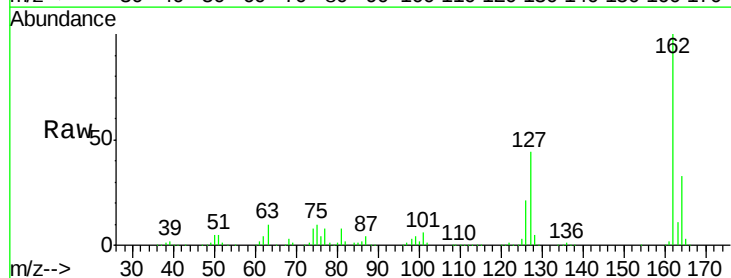


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

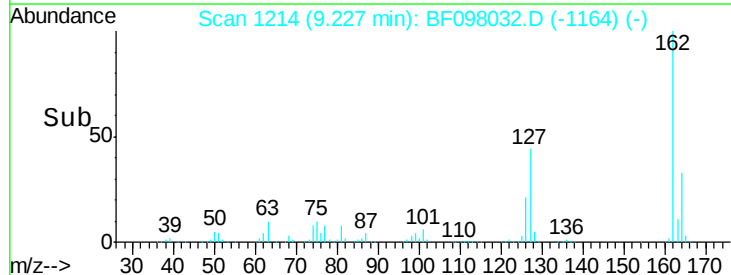
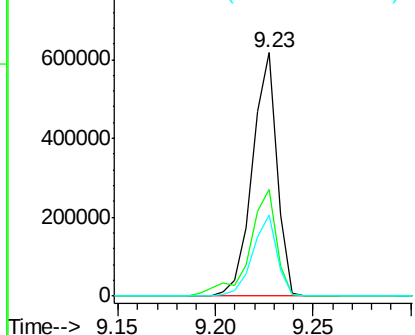


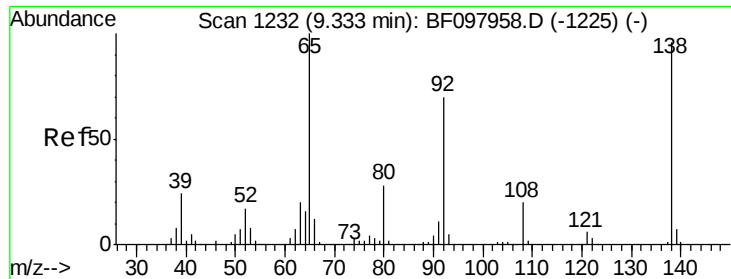
#46
2-Chloronaphthalene
Concen: 38.93 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	28.3	42.5#
164	33.1	27.0	40.4



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

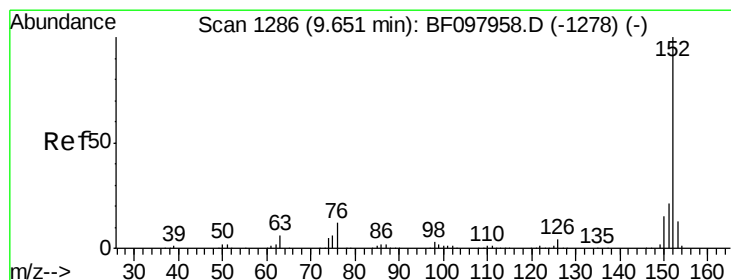
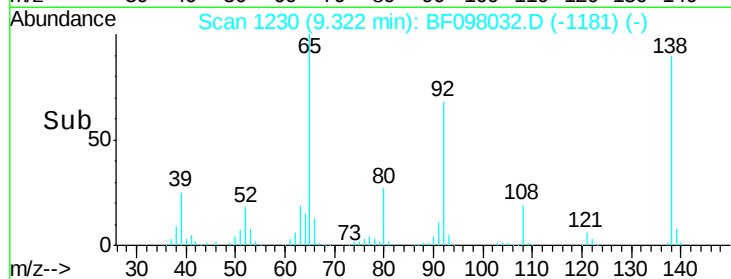
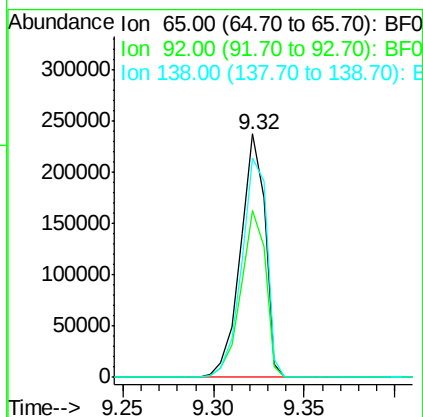
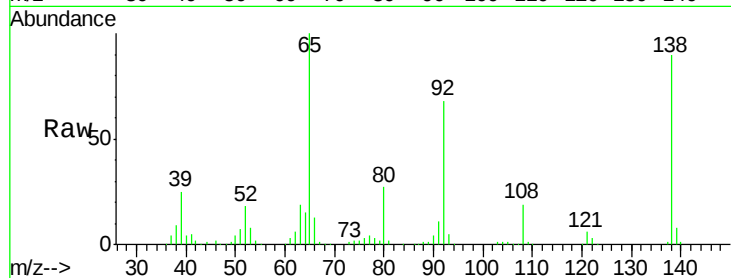




#47
 2-Nitroaniline
 Concen: 48.14 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

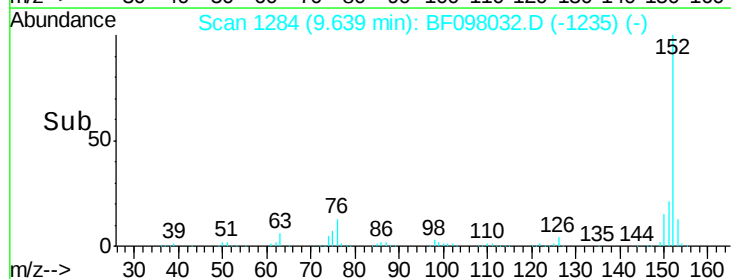
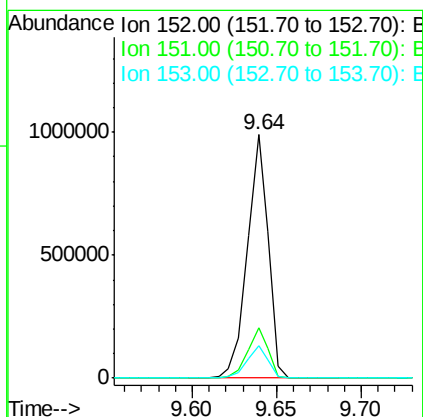
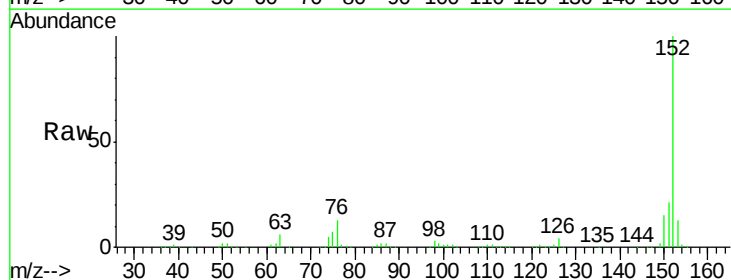
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

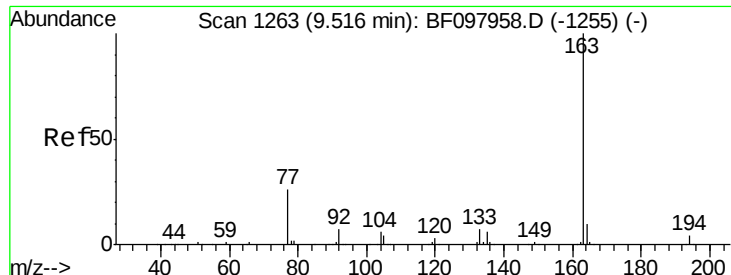
Tot Ion:	65	Resp:	223374
Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	90.0	78.8	118.2



#48
 Acenaphthylene
 Concen: 39.33 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:	152	Resp:	854837
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2

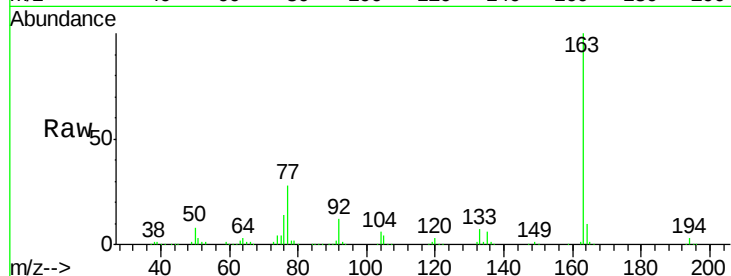




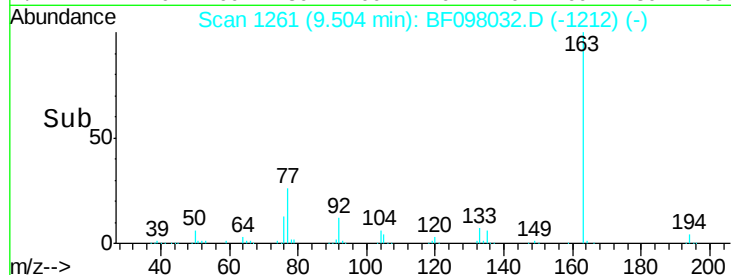
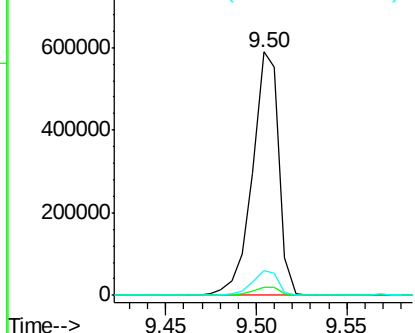
#49
Dimethylphthalate
Concen: 39.64 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

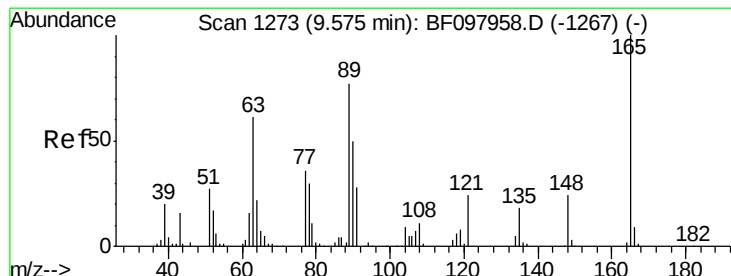


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

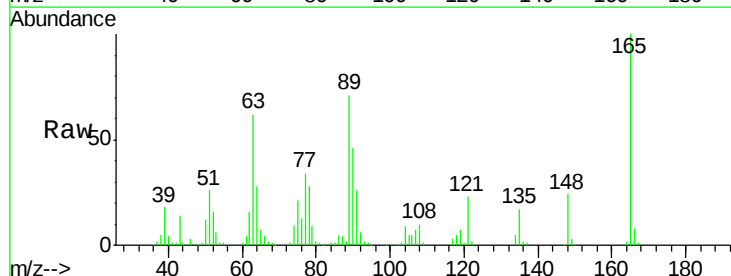
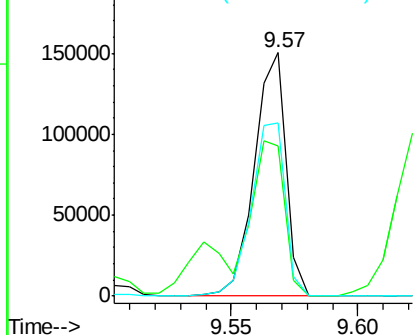


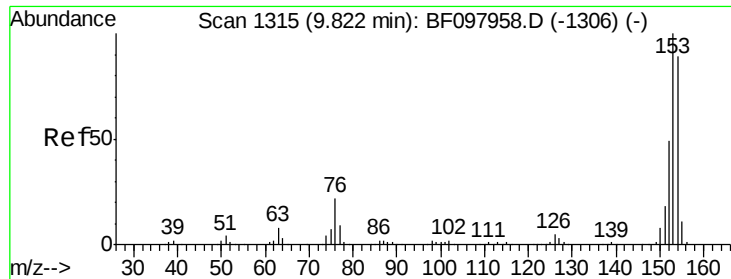
#50
2,6-Dinitrotoluene
Concen: 43.49 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.6	34.3	51.5#
89	71.3	37.1	55.7#



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





#51

Acenaphthene

Concen: 37.61 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

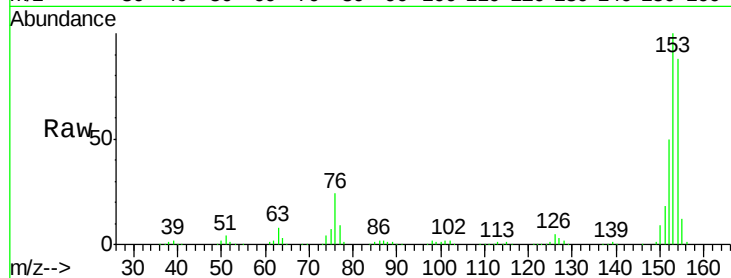
Tot Ion:154 Resp: 515496

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

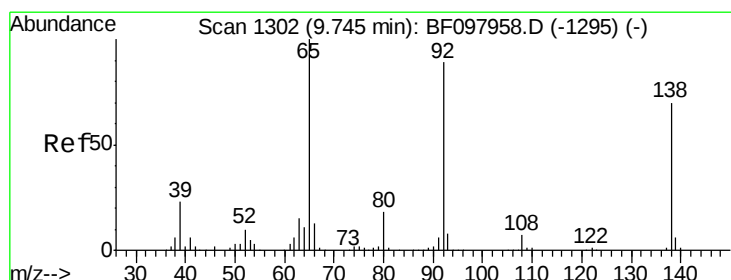
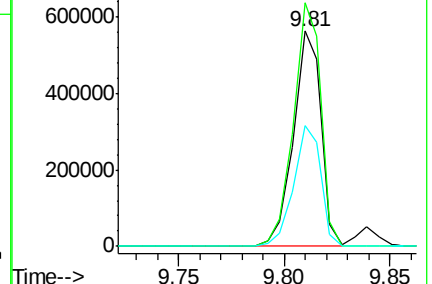
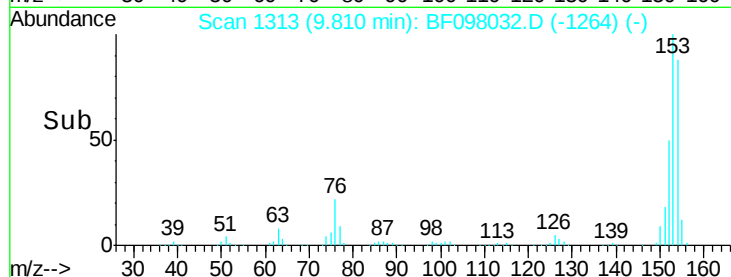
152 56.3 43.6 65.4



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: 45.80 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

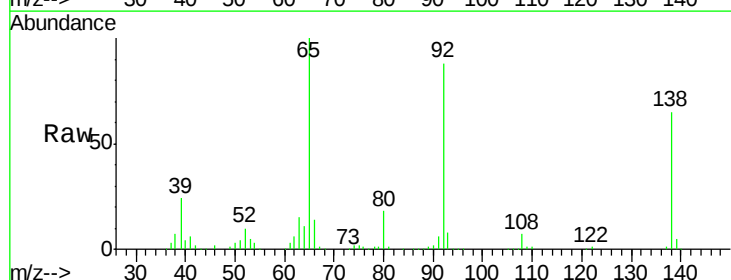
Tgt Ion:138 Resp: 177101

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

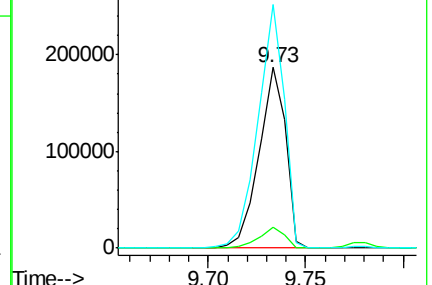
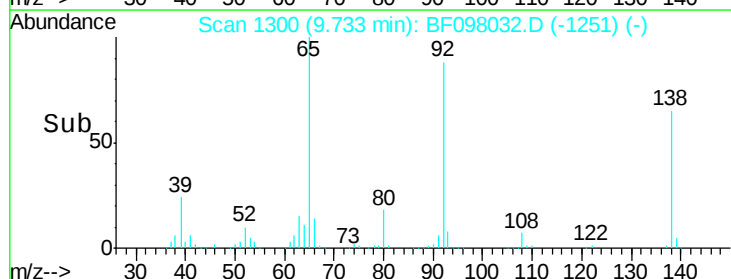
92 134.7 93.8 140.6

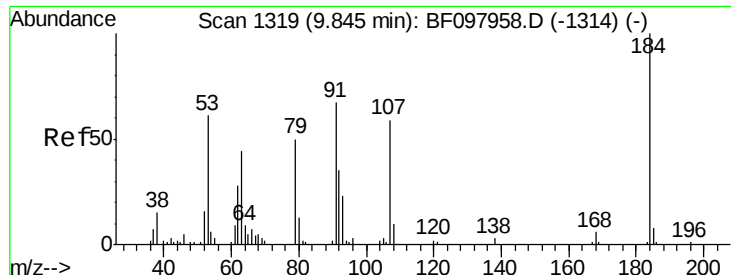


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

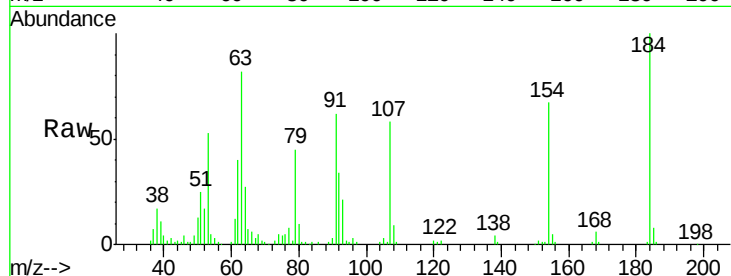




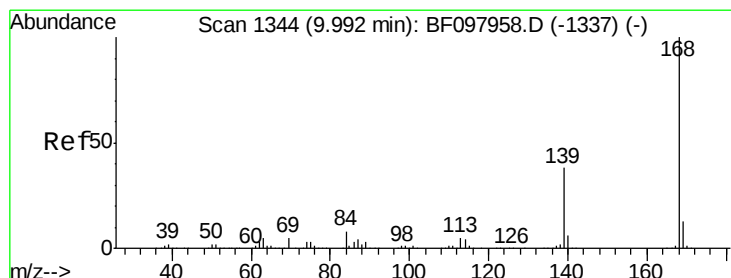
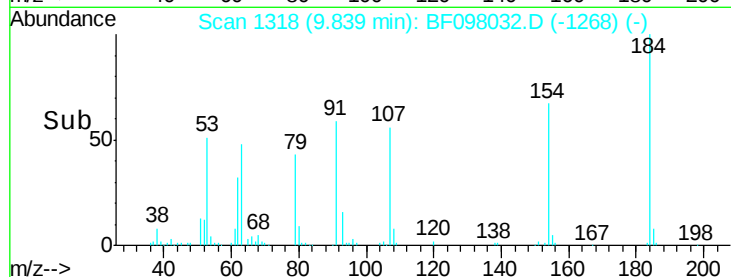
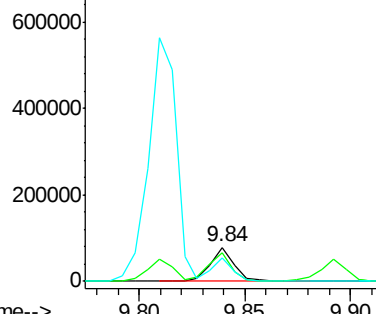
#53
2,4-Dinitrophenol
Concen: 47.62 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 61190
Ion Ratio Lower Upper
184 100
63 82.1 62.7 94.1
154 67.4 81.1 121.7#

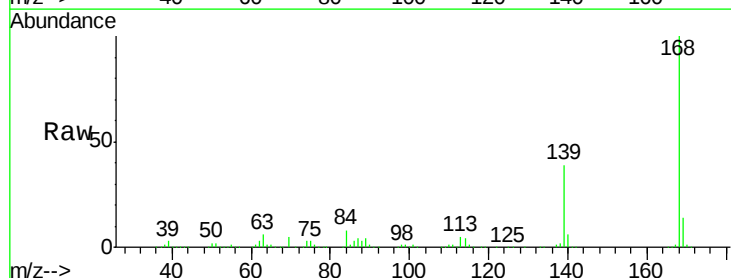


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

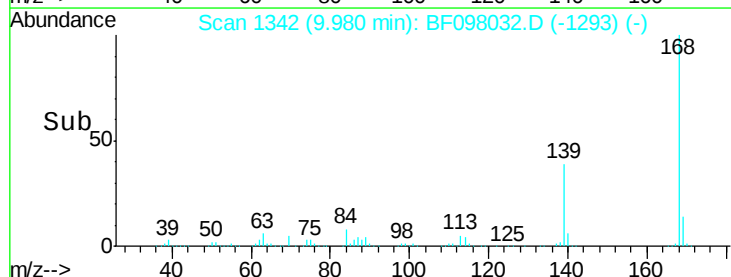
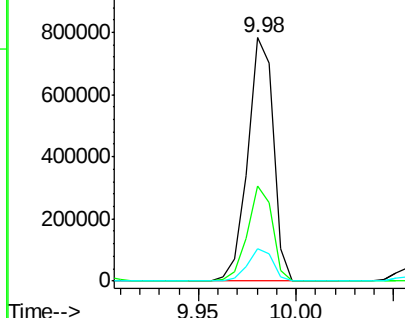


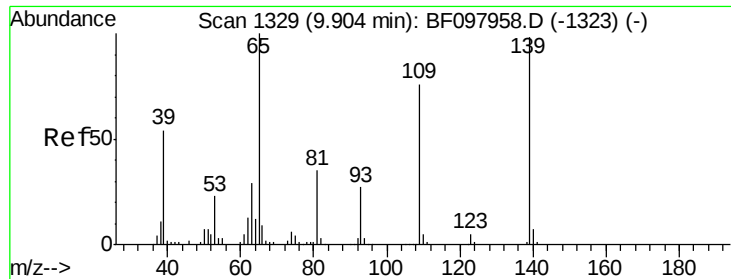
#54
Dibenzofuran
Concen: 38.67 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:168 Resp: 710397
Ion Ratio Lower Upper
168 100
139 39.3 30.6 45.8
169 13.6 10.8 16.2



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

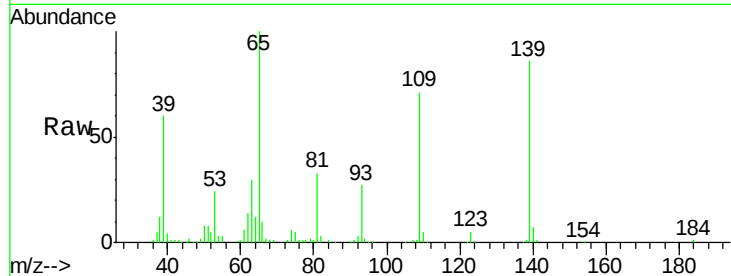




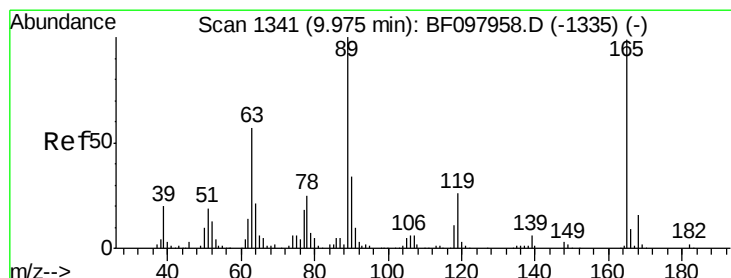
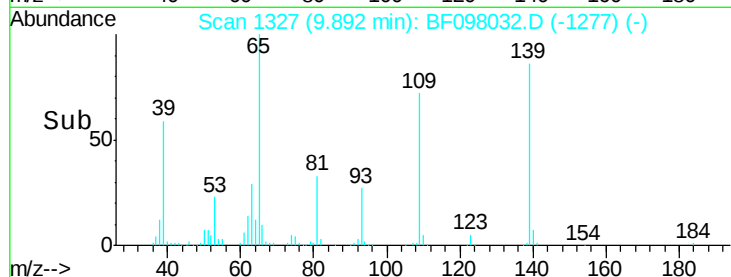
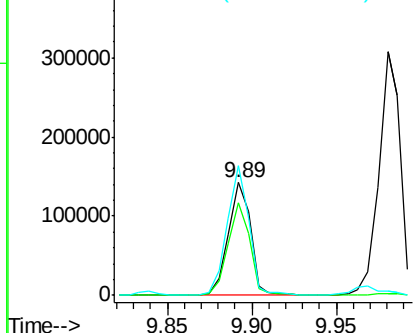
#55
4-Nitrophenol
Concen: 42.62 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 131463
Ion Ratio Lower Upper
139 100
109 82.7 34.1 74.1#
65 115.9 31.4 71.4#

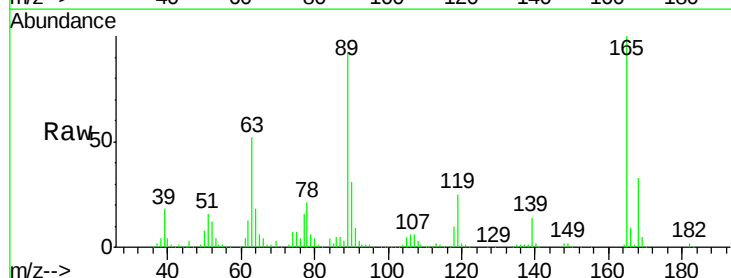


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

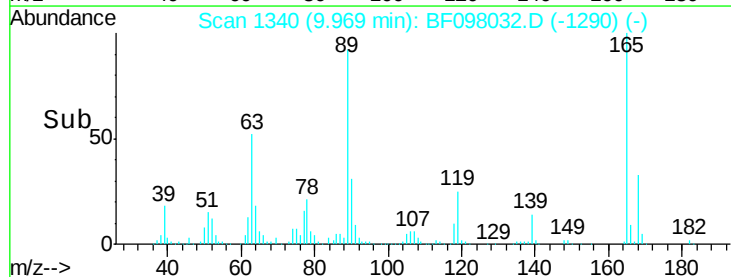
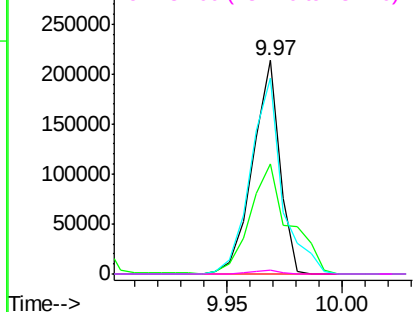


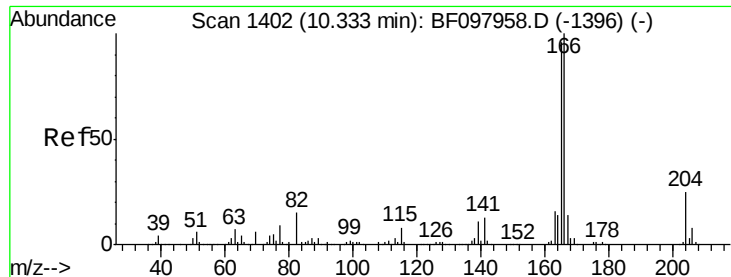
#56
2,4-Dinitrotoluene
Concen: 46.36 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:165 Resp: 174359
Ion Ratio Lower Upper
165 100
63 51.8 25.4 38.0#
89 92.0 46.4 69.6#
182 2.0 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

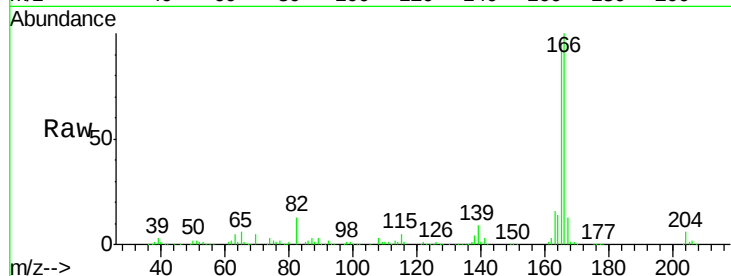




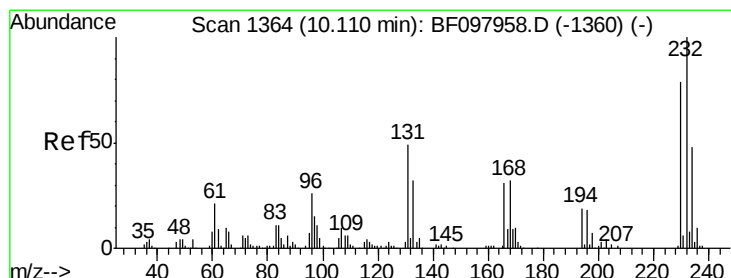
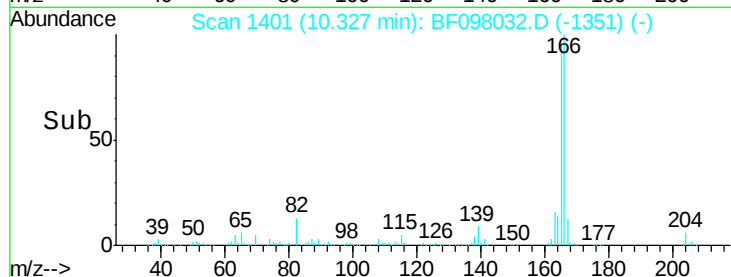
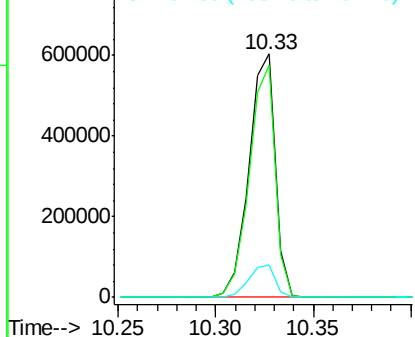
#57
 Fluorene
 Concen: 39.61 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 562548
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.8 118.2
 167 13.2 10.6 16.0

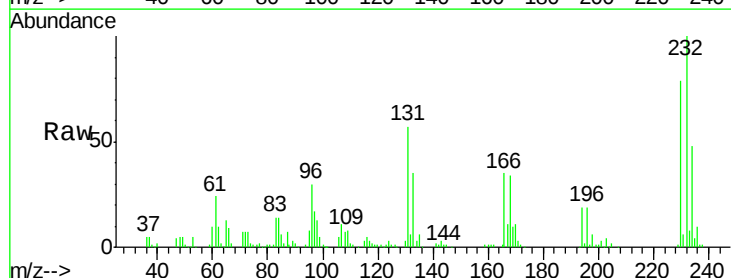


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

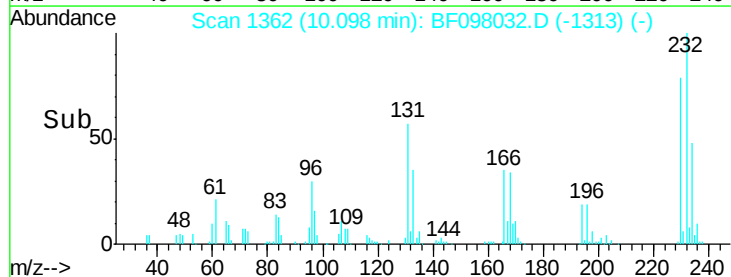
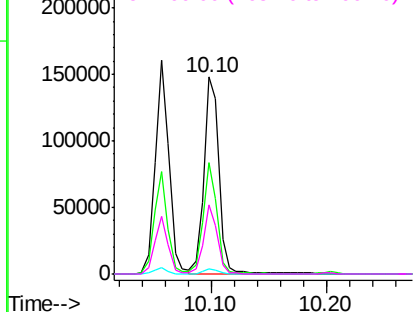


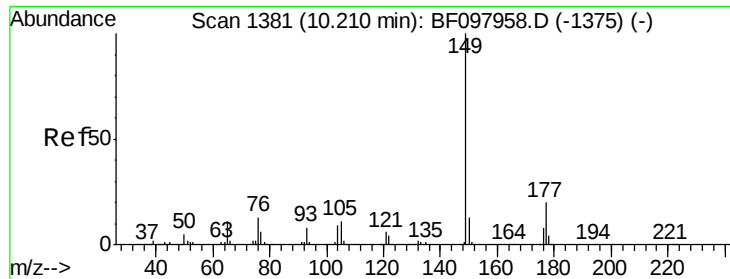
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.94 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:232 Resp: 136339
 Ion Ratio Lower Upper
 232 100
 131 52.1 44.8 67.2
 130 2.6 2.3 3.5
 166 32.4 29.0 43.4



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

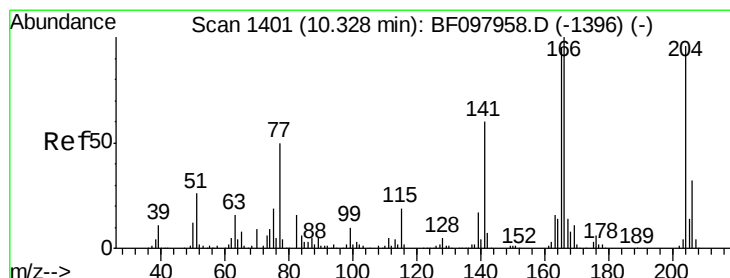
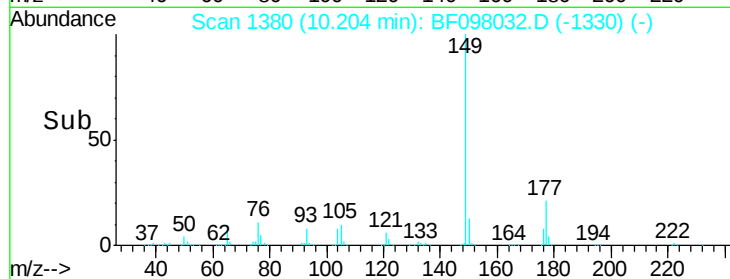
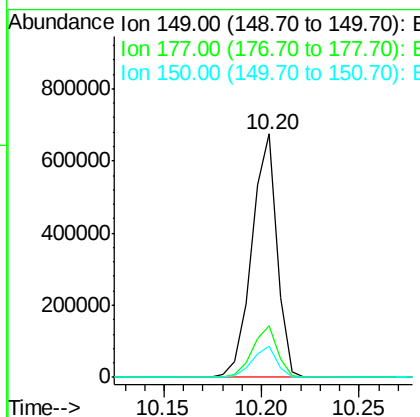
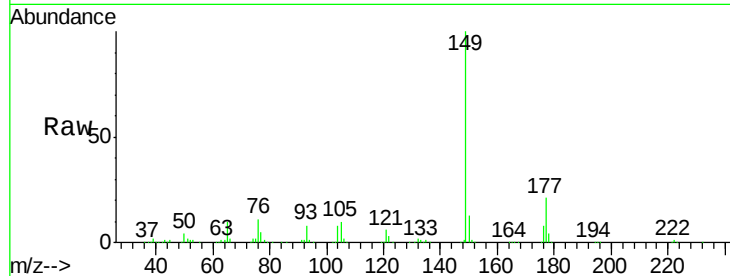




#59
Diethylphthalate
Concen: 38.19 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

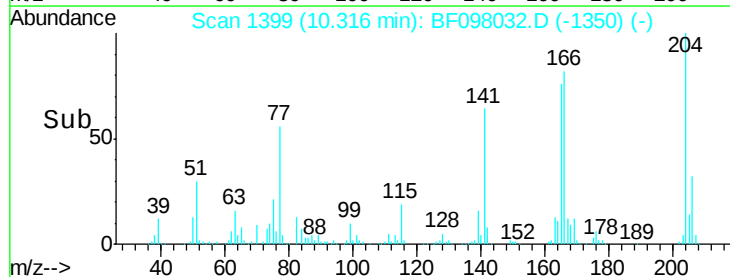
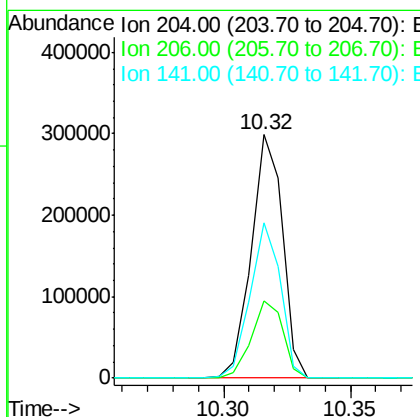
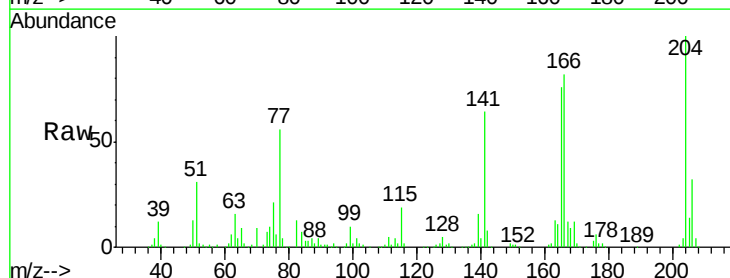
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

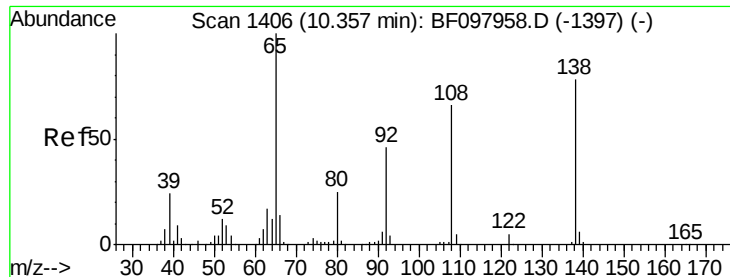
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.94 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	63.6	60.8	91.2





#61

4-Nitroaniline

Concen: 47.95 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

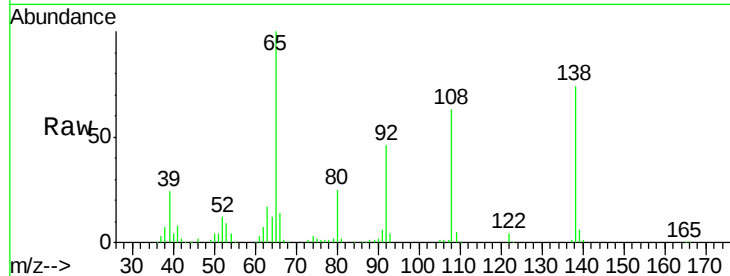
Tot Ion:138 Resp: 176241

Ion Ratio Lower Upper

138 100

92 61.5 21.8 61.8

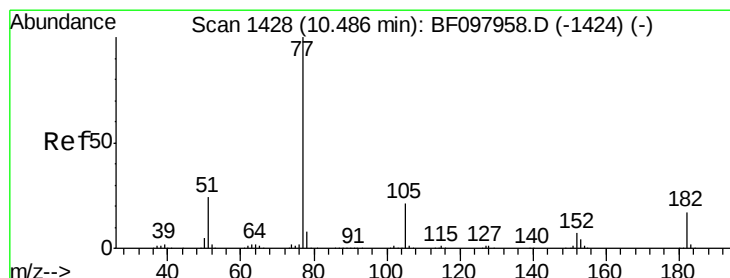
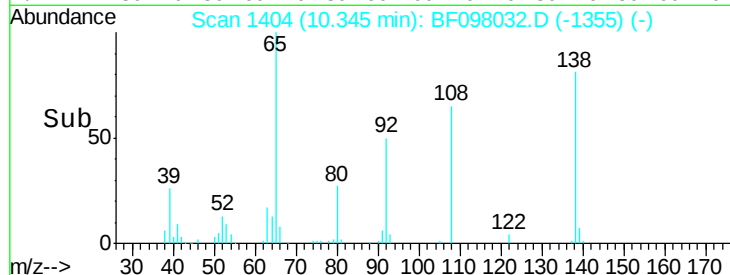
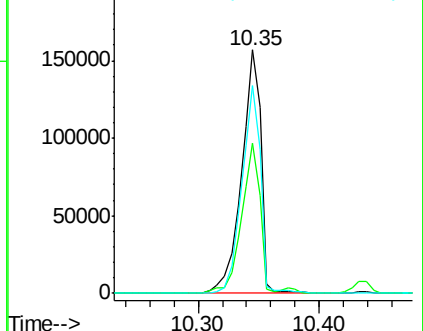
108 85.3 42.3 82.3#



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: 37.72 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Tgt Ion: 77 Resp: 703609

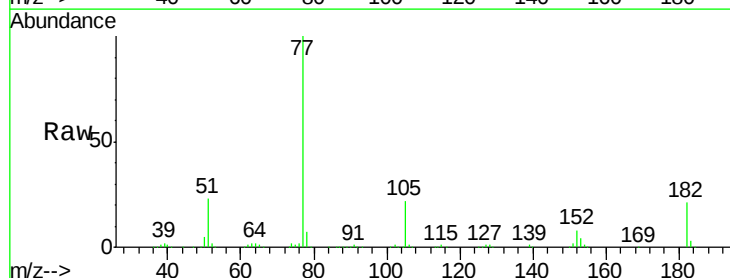
Ion Ratio Lower Upper

77 100

182 20.6 0.1 40.1

105 21.8 3.6 43.6

51 22.8 9.4 49.4

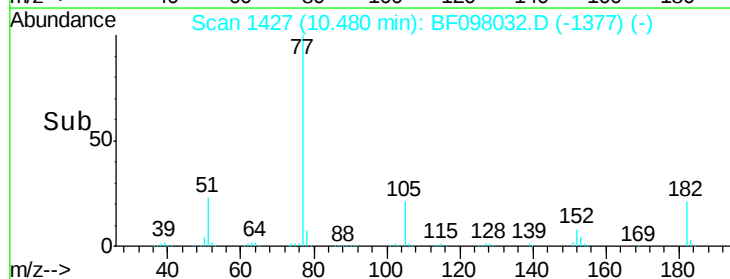
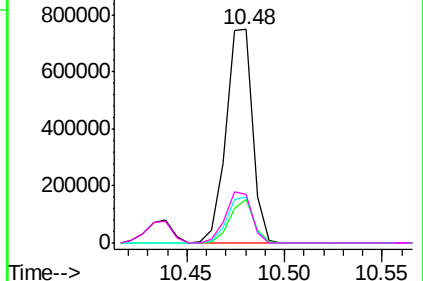


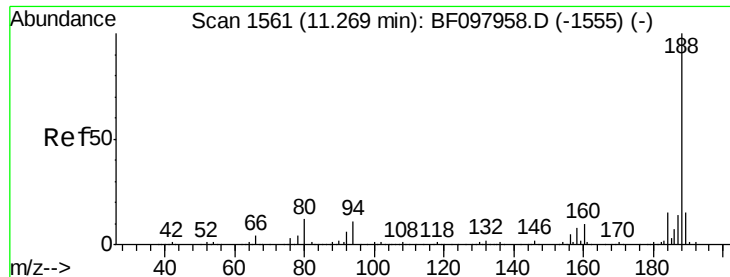
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

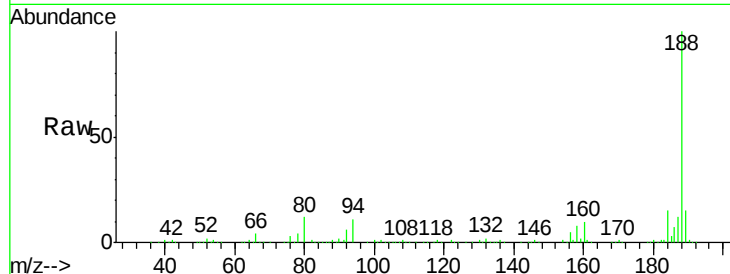




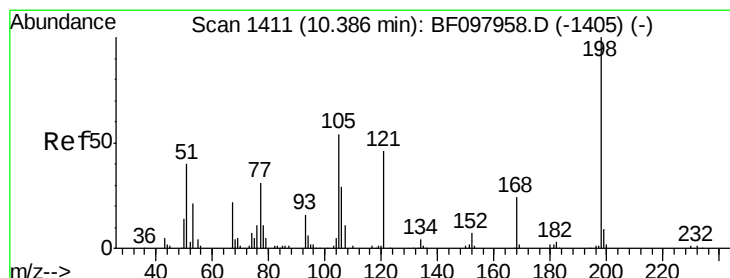
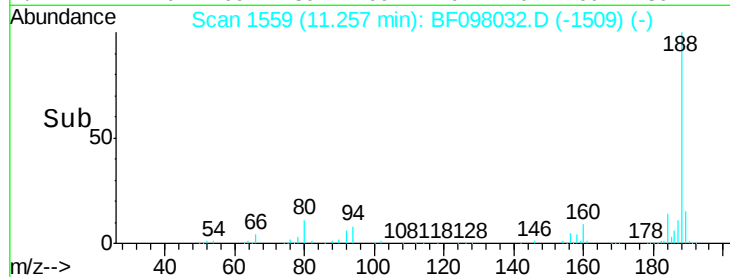
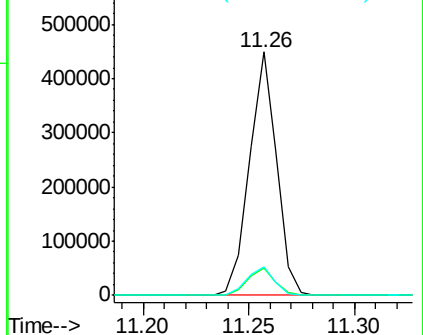
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:188	Resp:	399508
Ion Ratio	Lower	Upper
188	100	
94	11.3	9.4 14.2
80	11.7	10.2 15.2

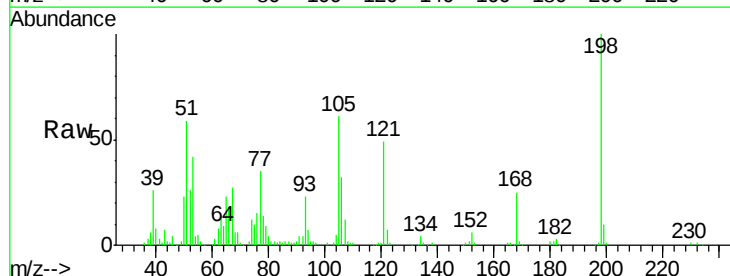


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

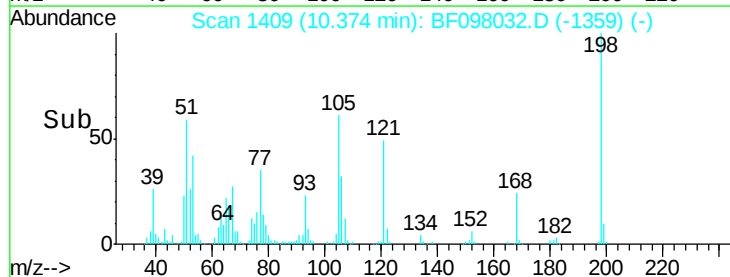
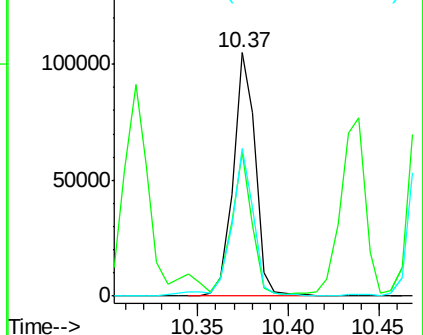


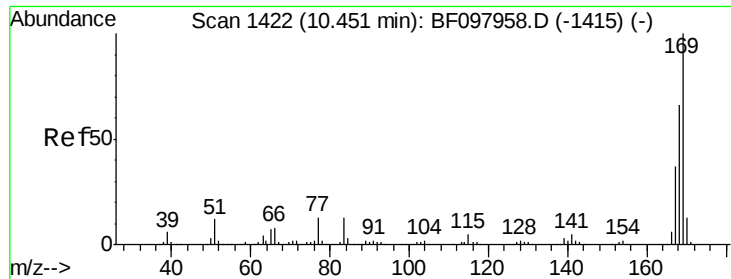
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.42 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:198	Resp:	89042
Ion Ratio	Lower	Upper
198	100	
51	58.8	53.2 93.2
105	60.9	45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

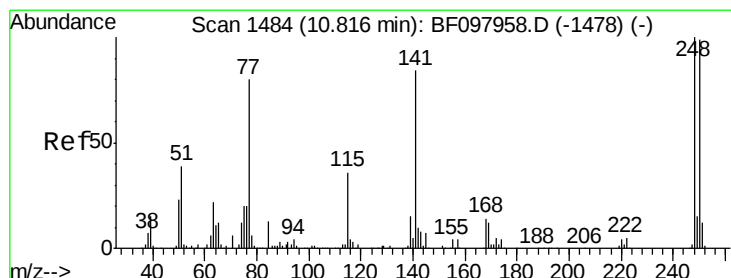
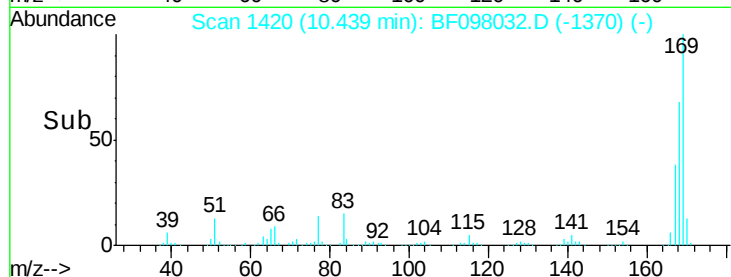
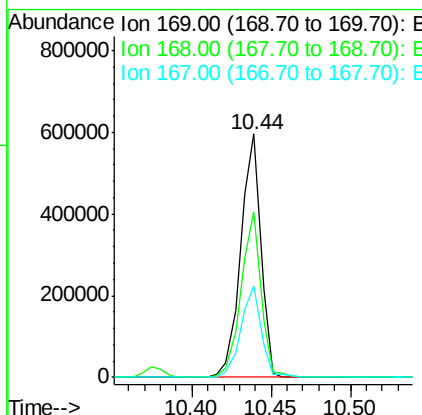
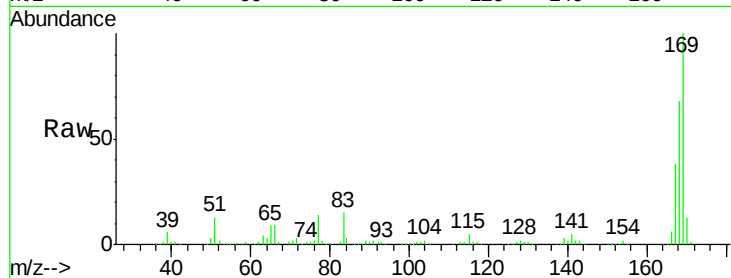




#65
 n-Nitrosodiphenylamine
 Concen: 38.34 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

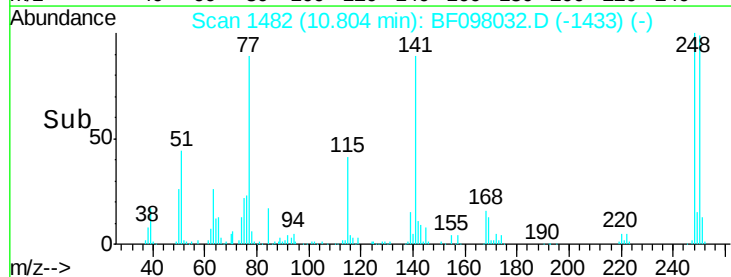
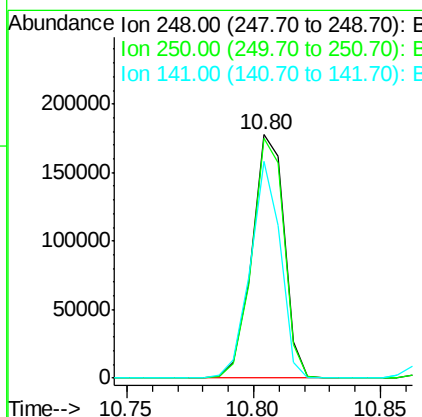
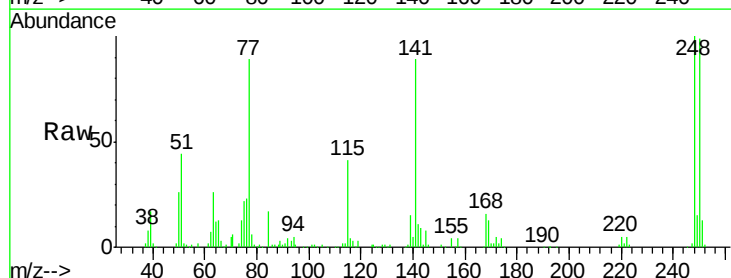
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

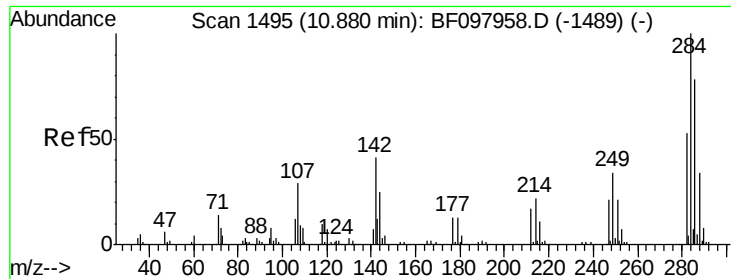
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	37.6	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.21 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.8	115.2
141	89.2	68.6	103.0

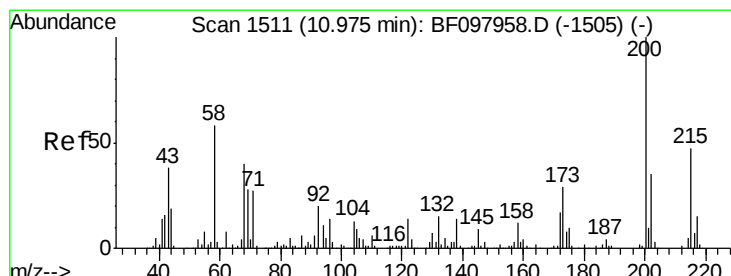
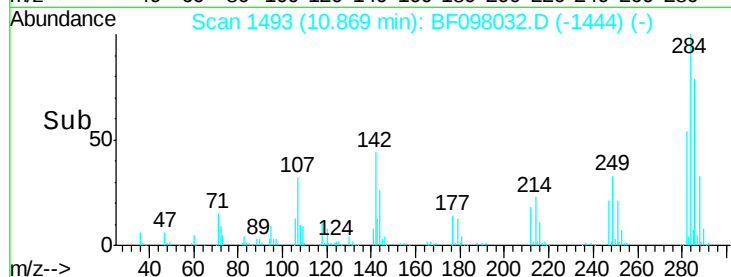
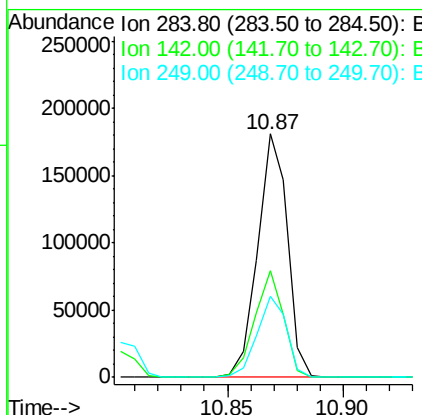
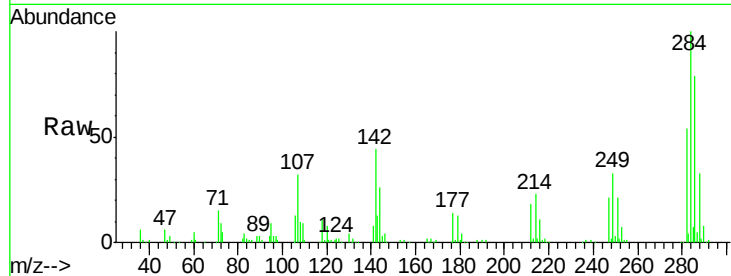




#67
Hexachlorobenzene
Concen: 38.51 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

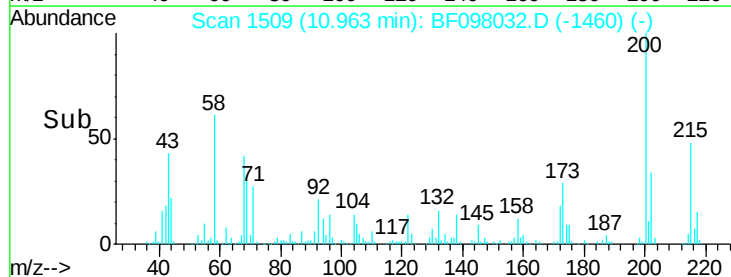
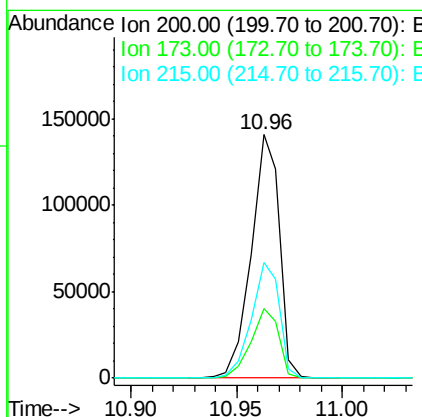
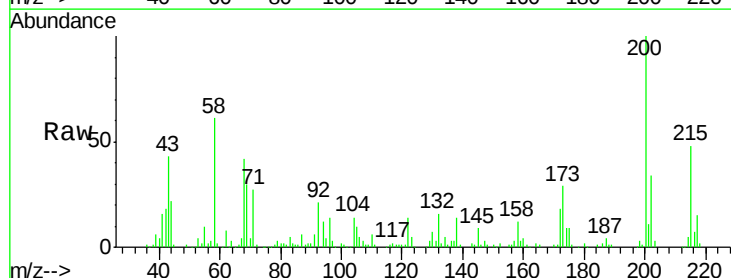
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

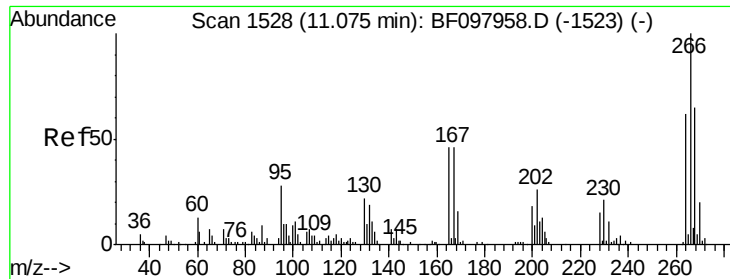
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	22.8	34.2
249	33.5	24.0	36.0



#68
Atrazine
Concen: 36.18 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.3	46.3
215	47.5	27.2	67.2

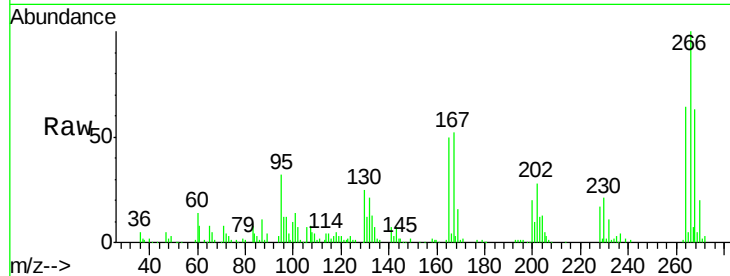




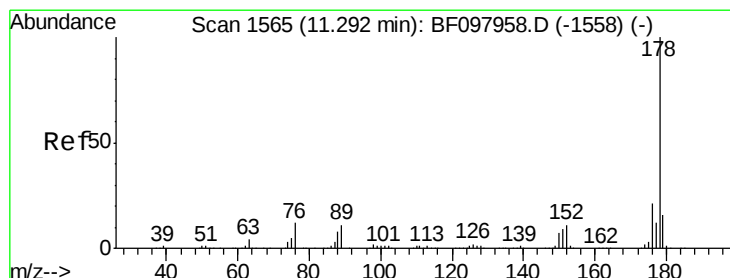
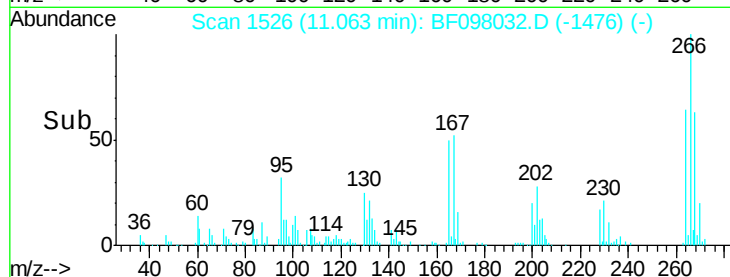
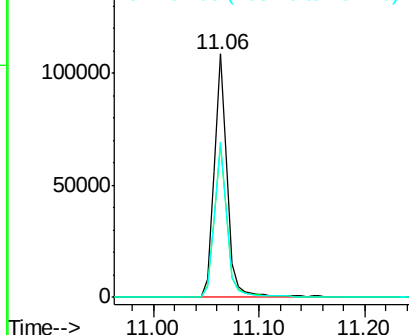
#69
 Pentachlorophenol
 Concen: 39.25 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 96772
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.9 51.7 77.5

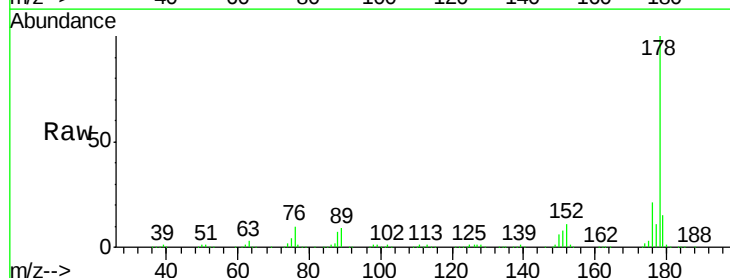


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

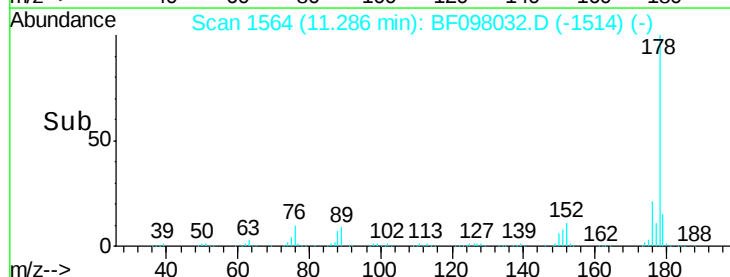
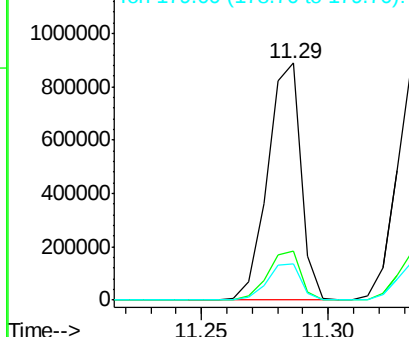


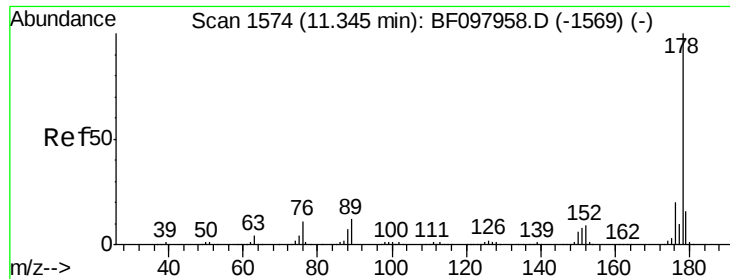
#70
 Phenanthrene
 Concen: 38.44 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:178 Resp: 818349
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.2 12.6 19.0



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

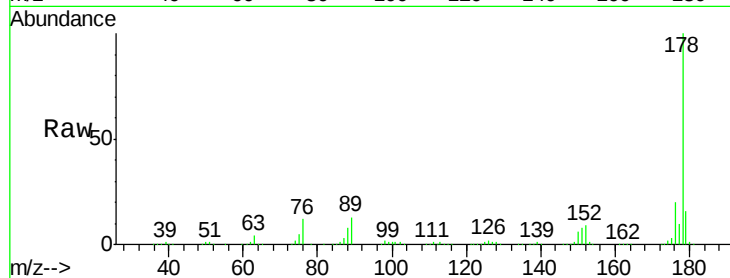




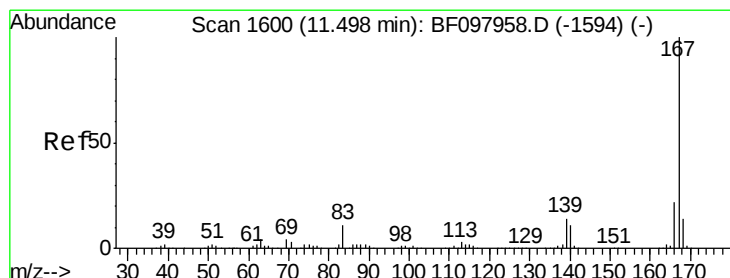
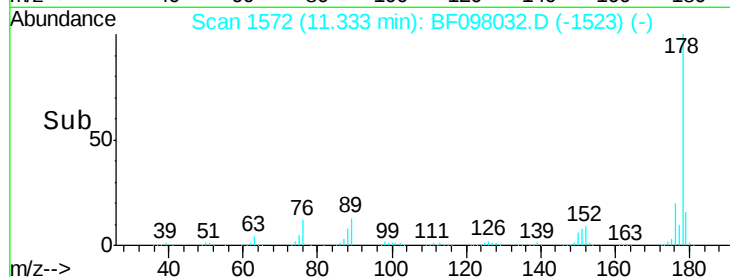
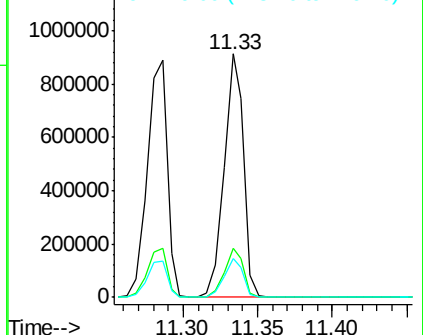
#71
 Anthracene
 Concen: 38.87 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 839389
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.7 12.7 19.1

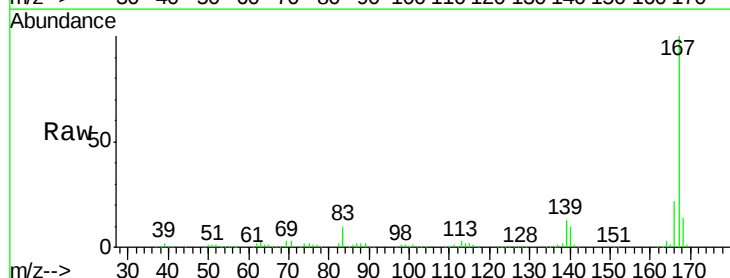


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

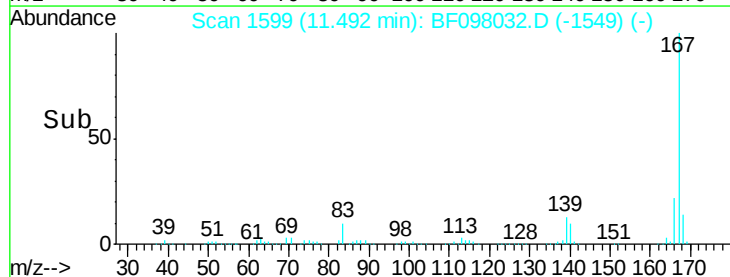
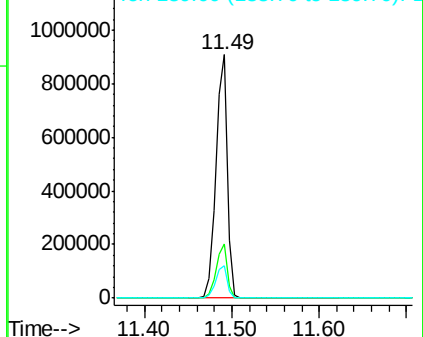


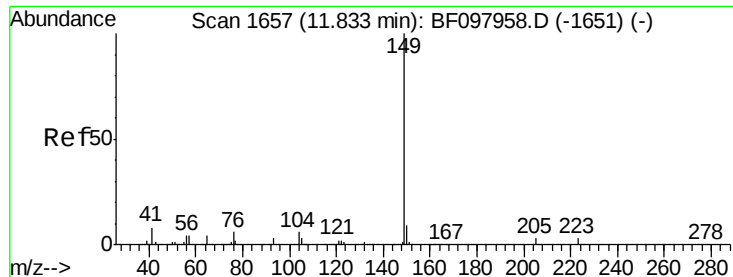
#72
 Carbazole
 Concen: 39.93 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion:167 Resp: 818312
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.2 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: 39.94 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

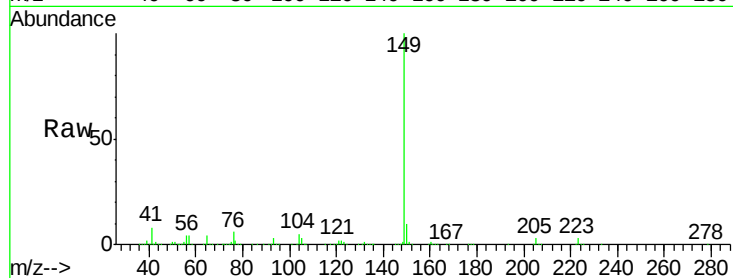
Tot Ion:149 Resp: 942894

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

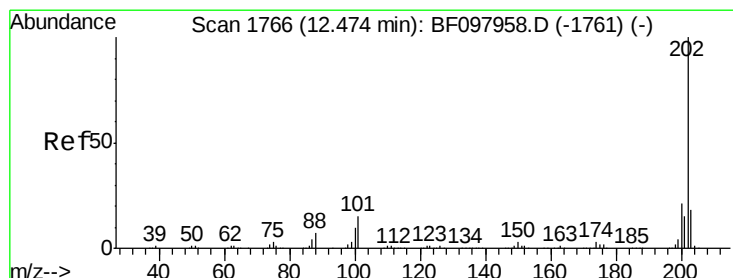
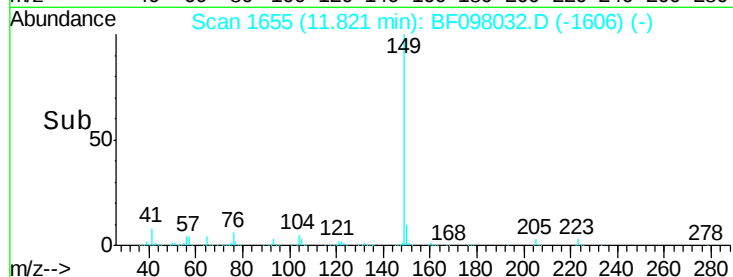
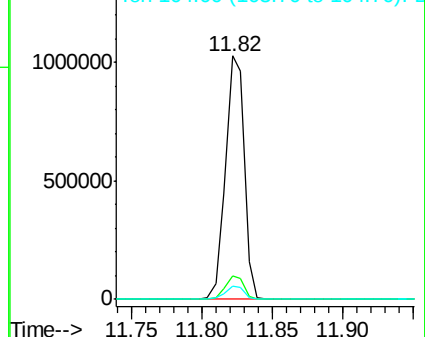
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.27 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

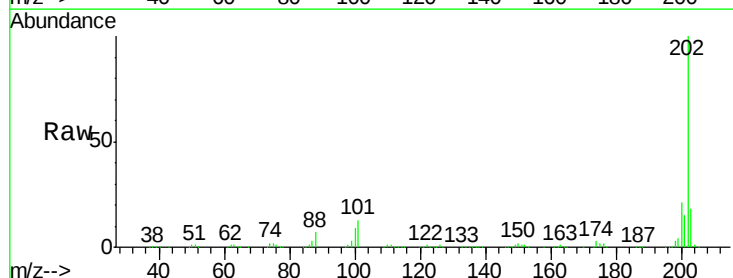
Tgt Ion:202 Resp: 894752

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

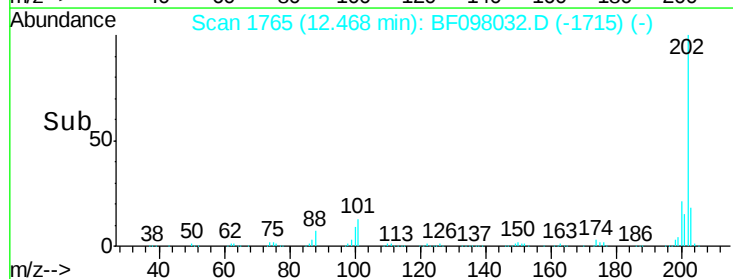
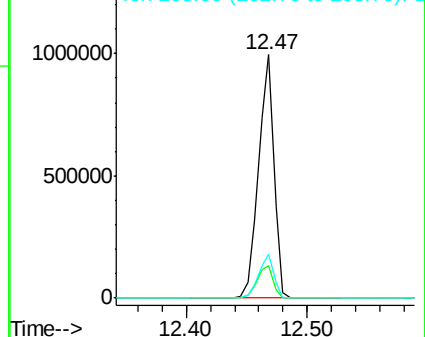
203 18.0 0.0 38.1

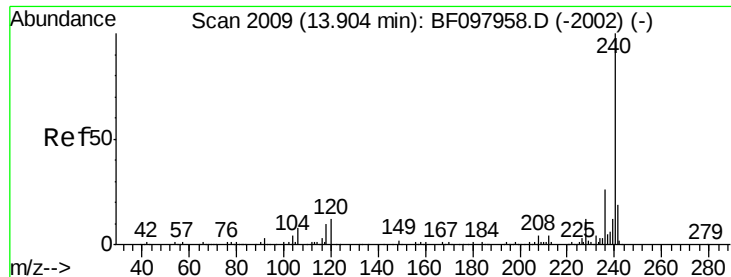


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

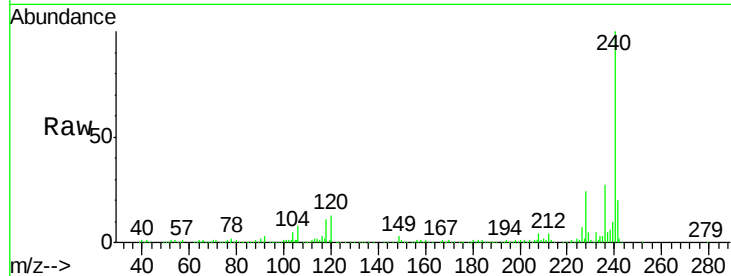
Tot Ion:240 Resp: 302218

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

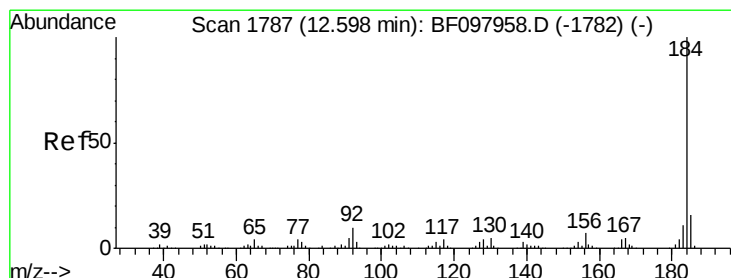
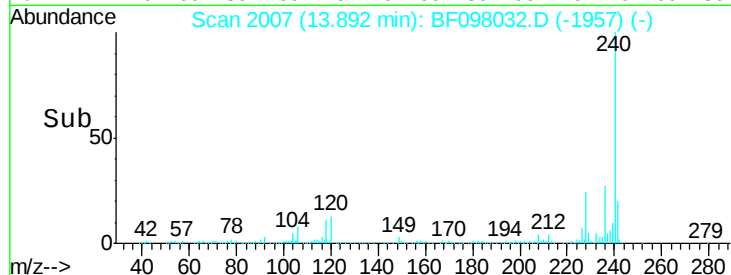
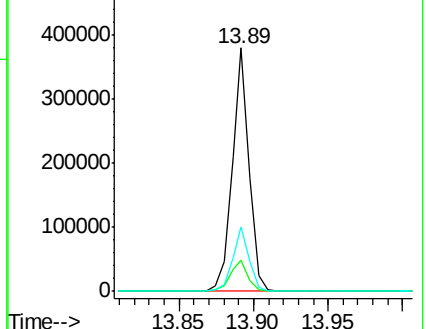
236 26.6 20.5 30.7



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: 37.37 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

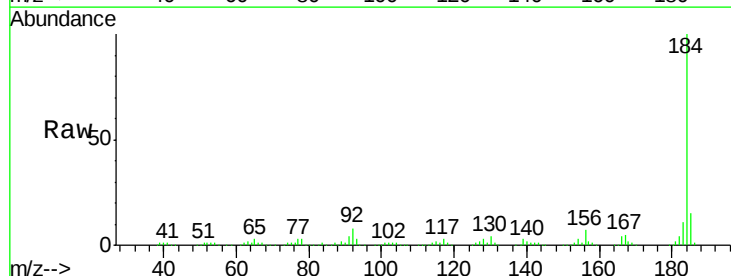
Tgt Ion:184 Resp: 370300

Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

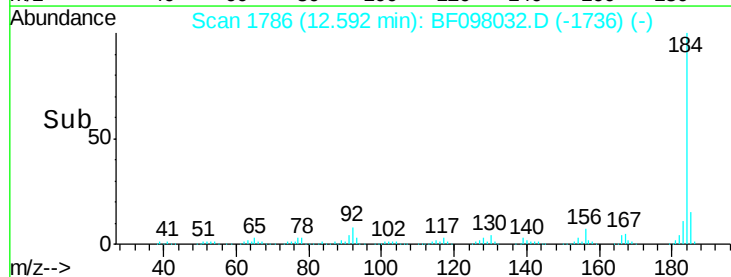
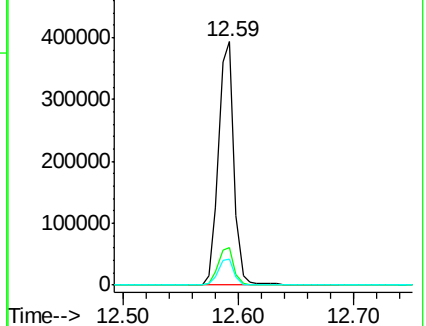
183 10.9 9.8 14.6

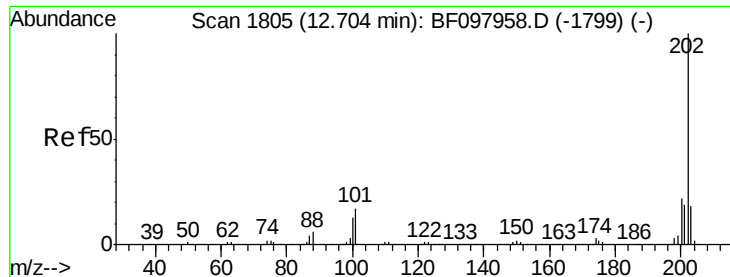


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

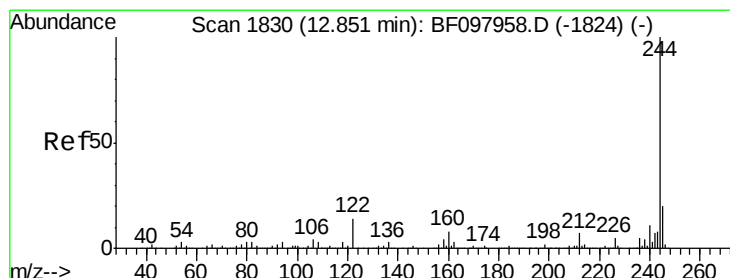
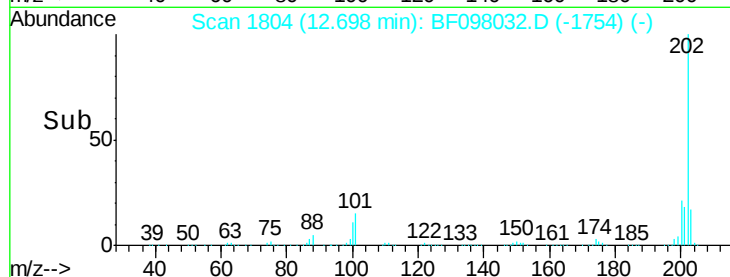
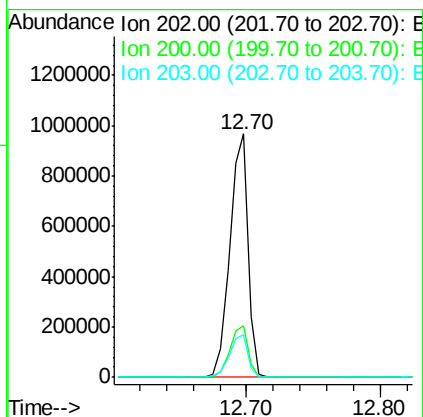
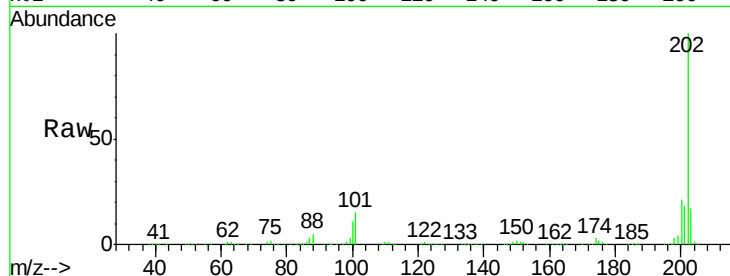




#77
Pvrene
Concen: 37.56 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

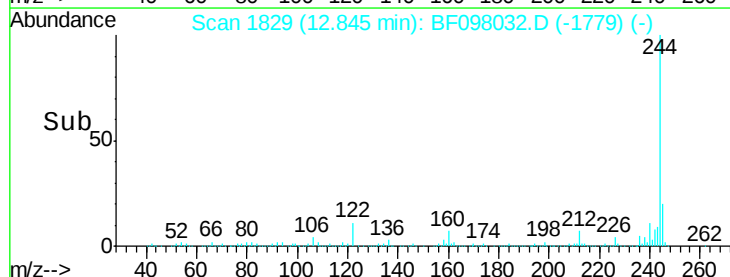
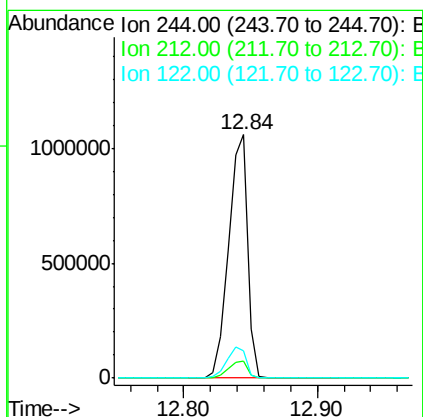
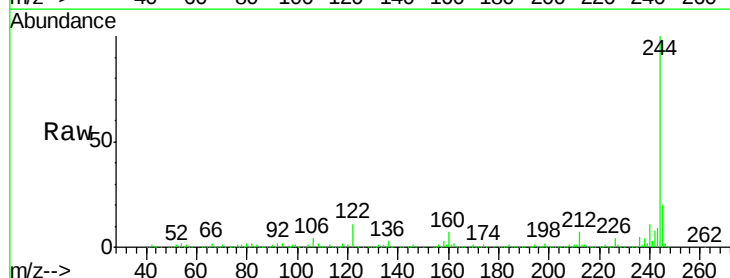
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

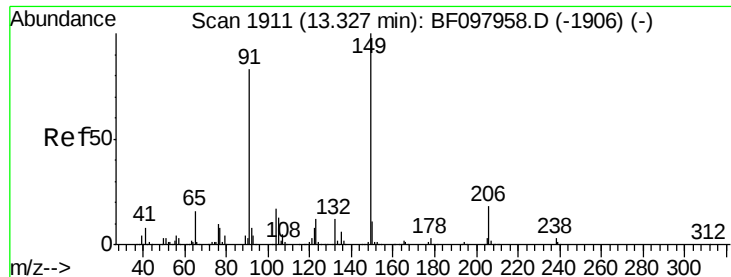
Tot Ion:202 Resp: 928292
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 73.54 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:244 Resp: 1065840
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.2 10.3 15.5

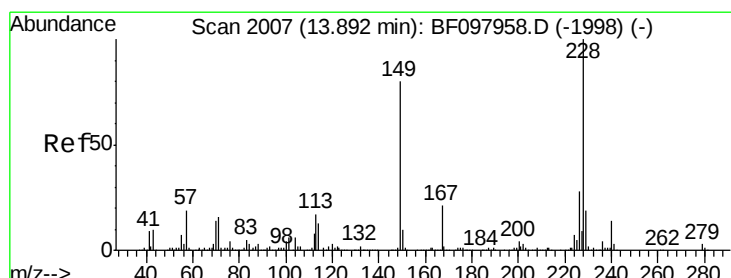
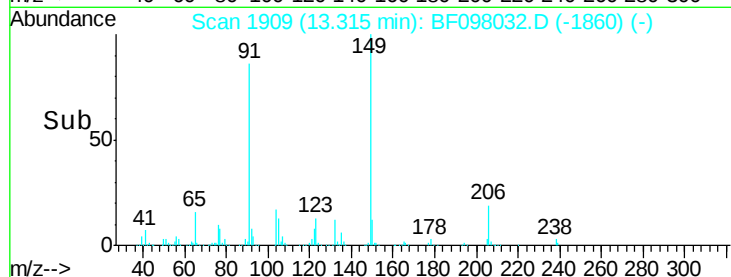
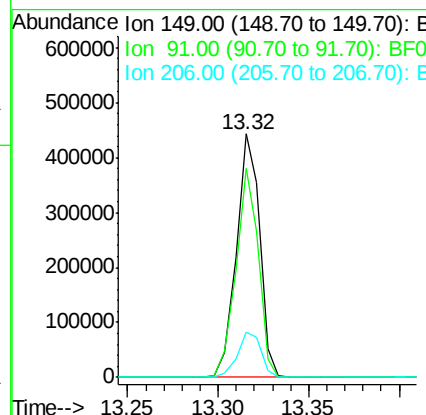
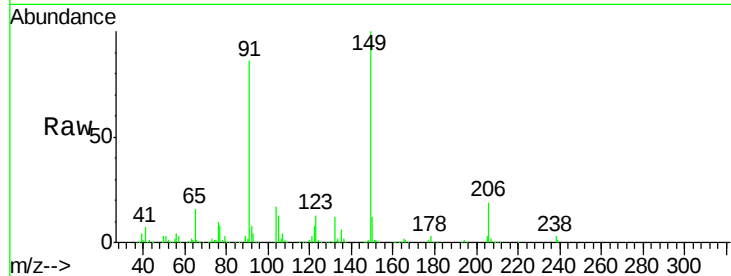




#79
Butylbenzylphthalate
Concen: 41.67 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

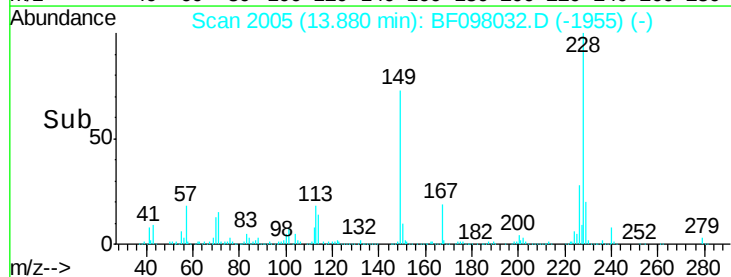
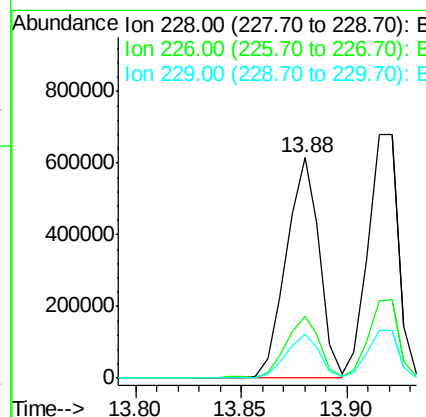
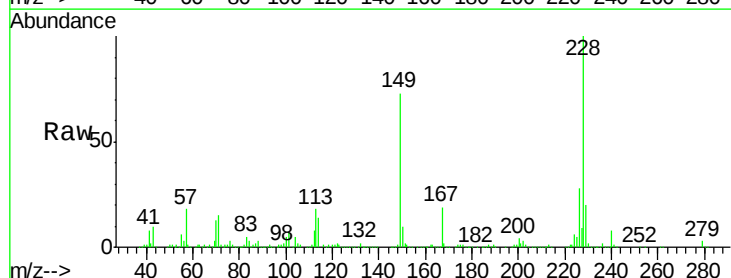
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

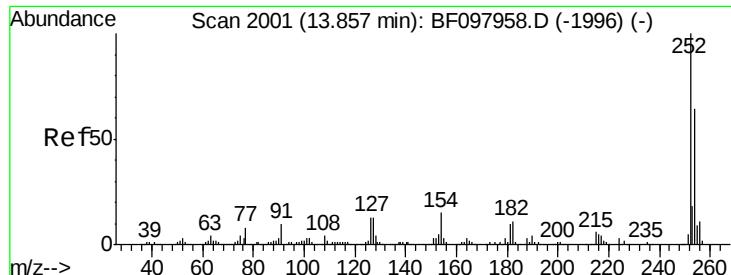
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.0	45.0	67.4#
206	18.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.05 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.7	16.3	24.5

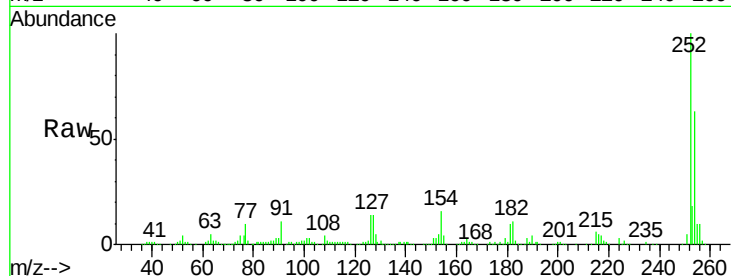




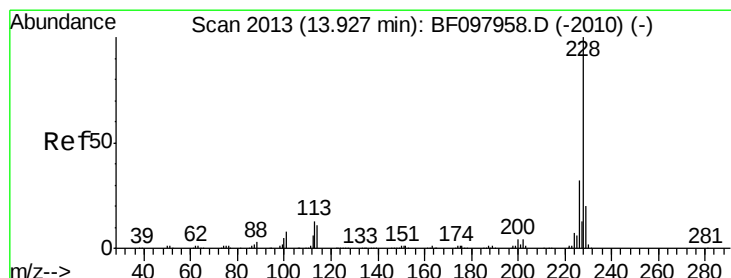
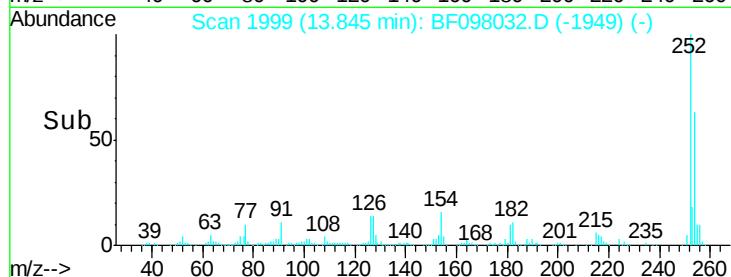
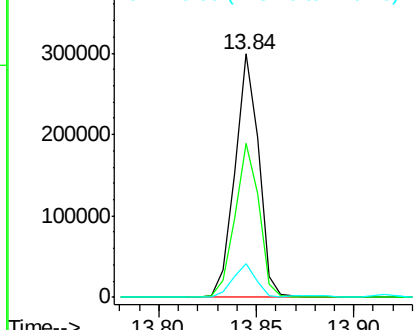
#81
 3,3'-Dichlorobenzidine
 Concen: 41.46 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	13.9	15.8	23.8#

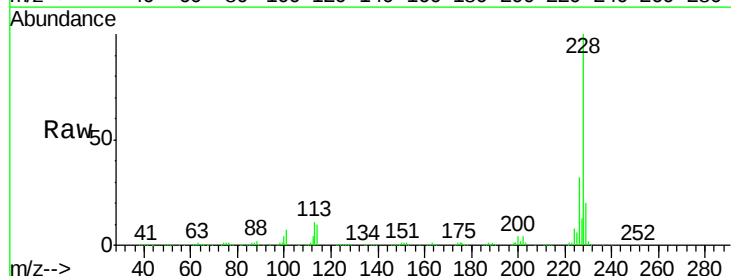


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

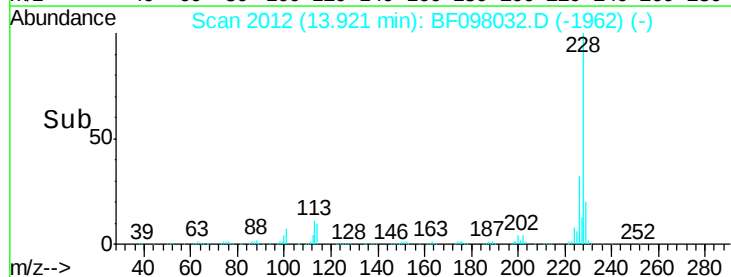
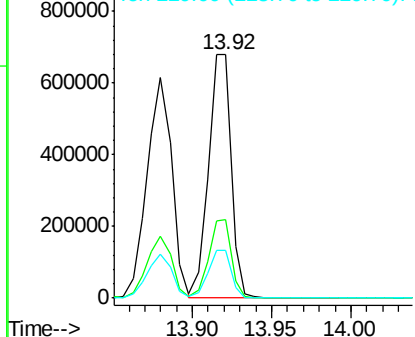


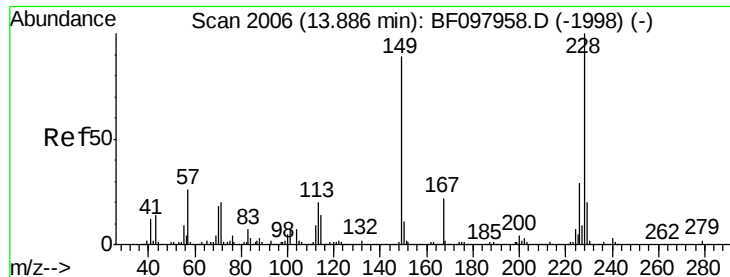
#82
 Chrysene
 Concen: 37.68 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	19.8	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: 42.45 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

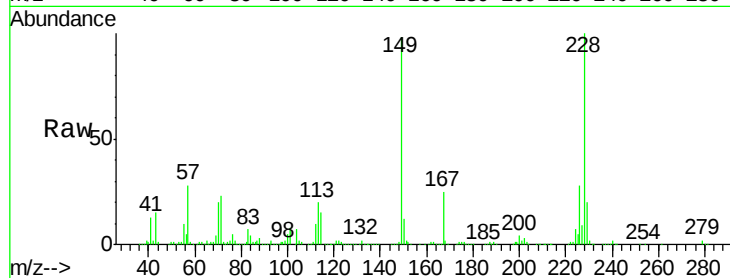
Tot Ion:149 Resp: 445821

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

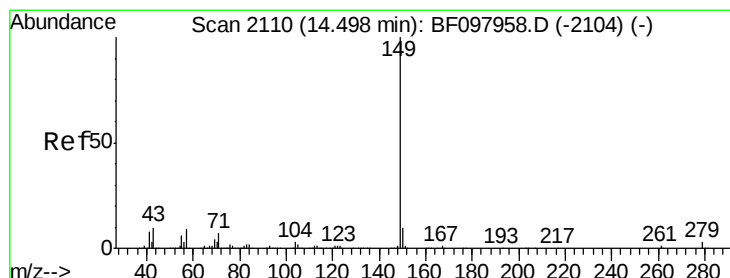
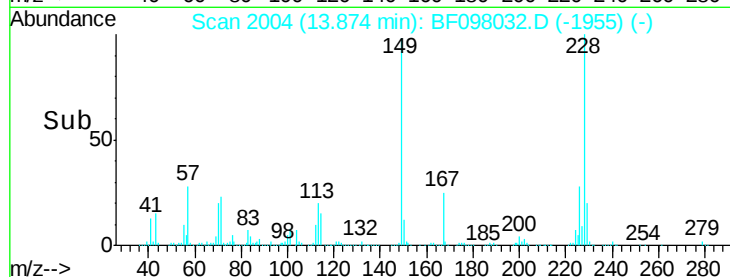
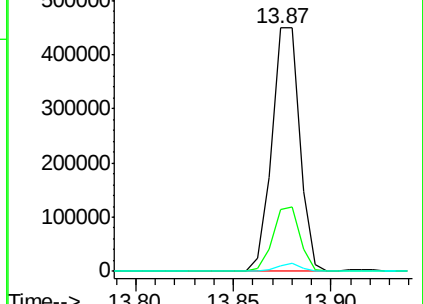
279 2.4 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.23 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

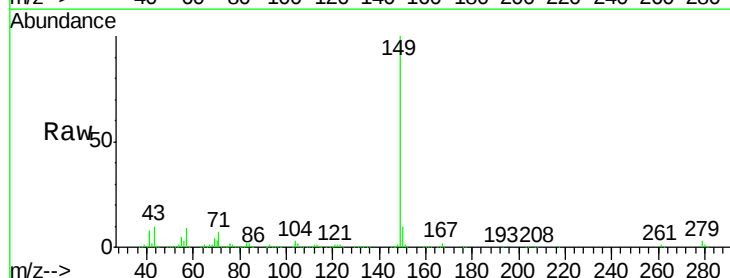
Tgt Ion:149 Resp: 771704

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

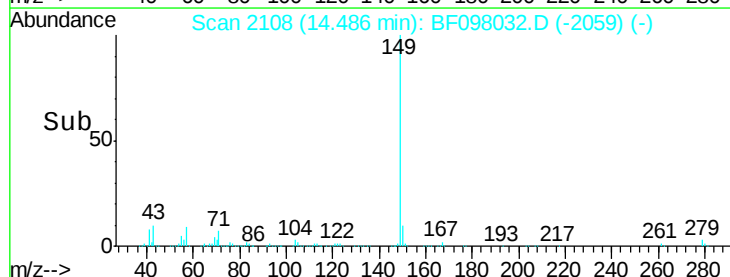
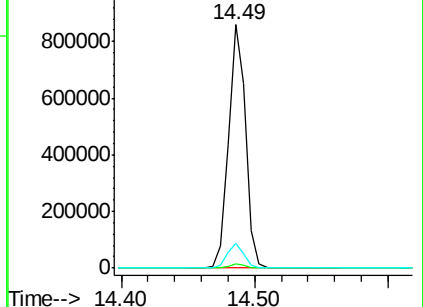
43 10.1 8.5 12.7

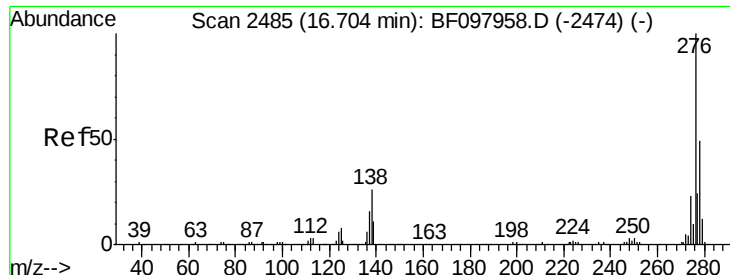


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

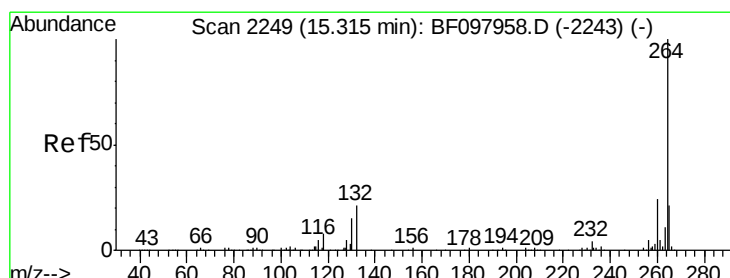
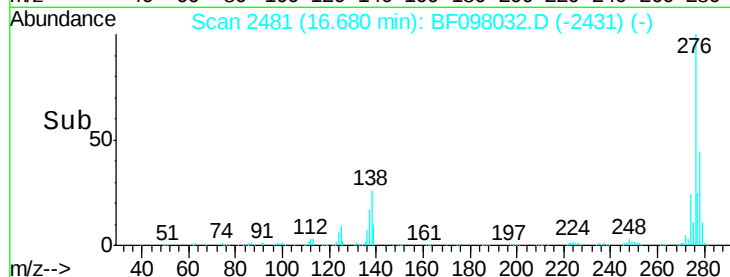
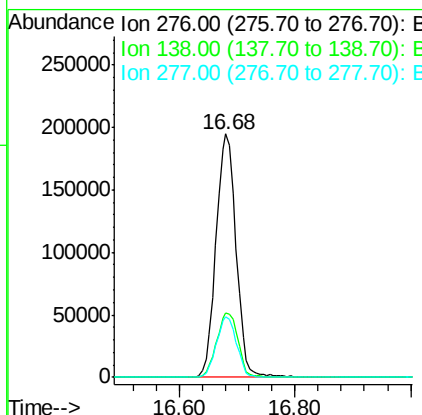
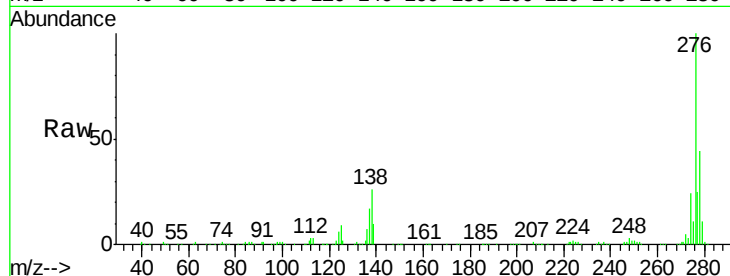




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.52 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

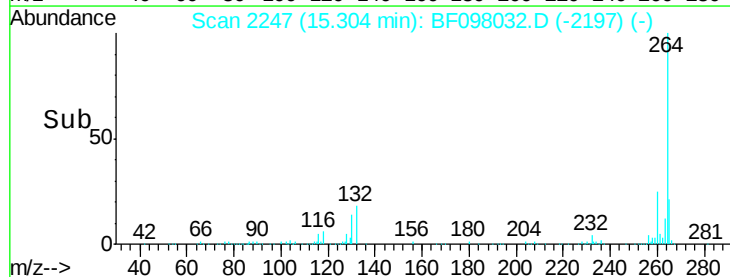
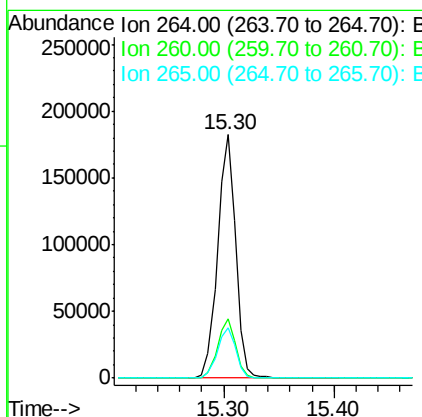
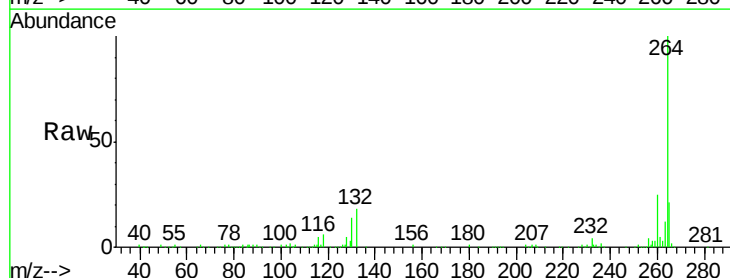
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

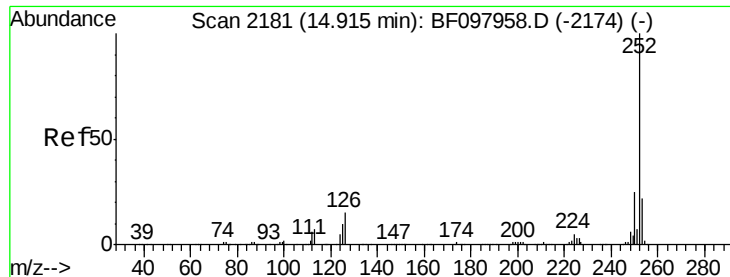
Tot Ion:276 Resp: 470822
Ion Ratio Lower Upper
276 100
138 28.3 27.8 41.6
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:264 Resp: 207327
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.15 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

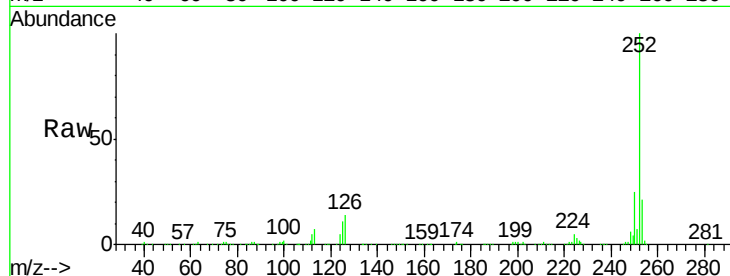
Tot Ion:252 Resp: 537753

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

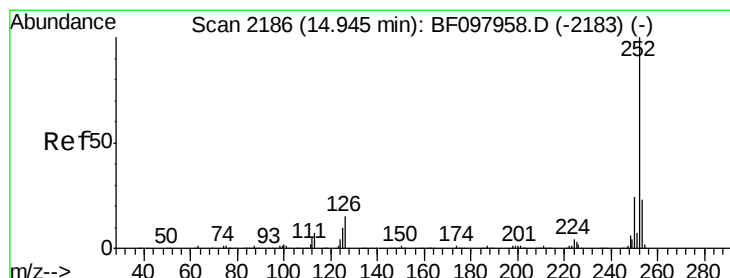
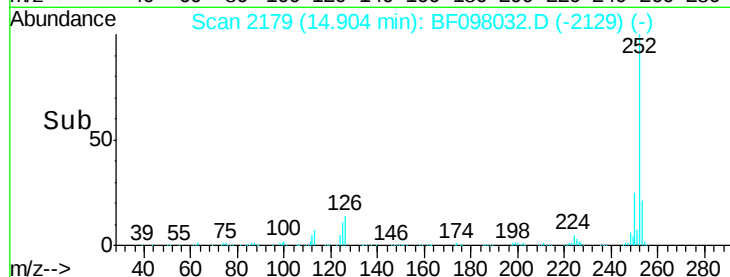
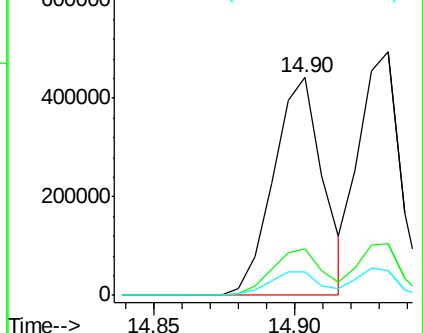
125 10.7 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 40.77 ng

RT: 14.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BF098032.D

Acq: 25 Aug 2017 16:00

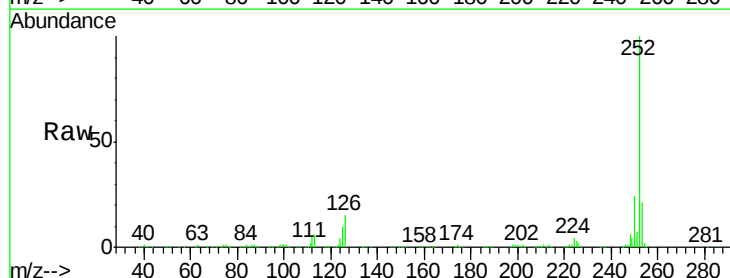
Tgt Ion:252 Resp: 500572

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

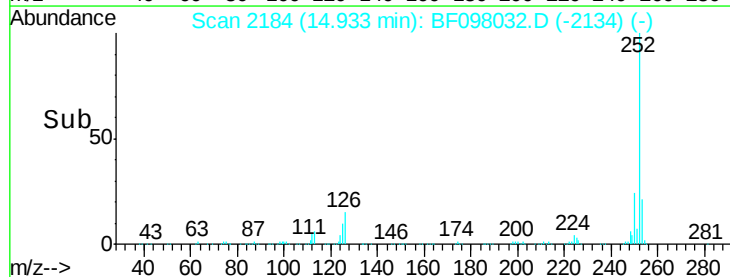
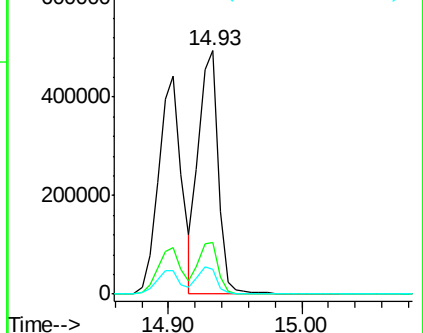
125 10.1 13.1 19.7#

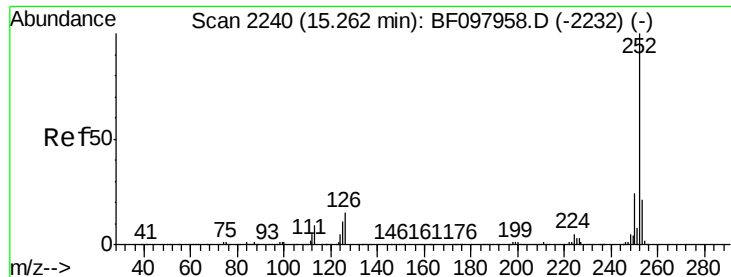


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

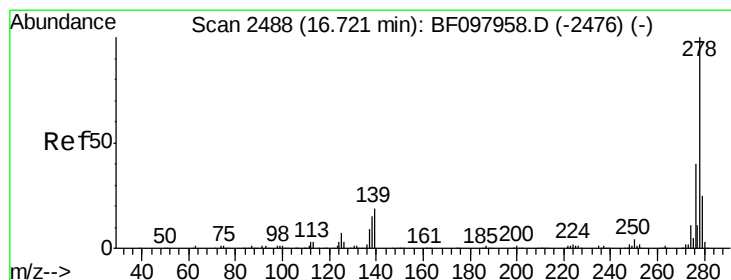
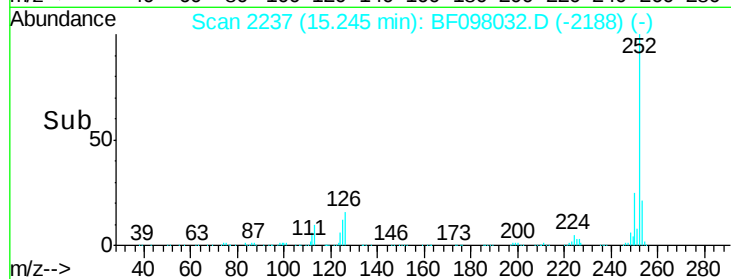
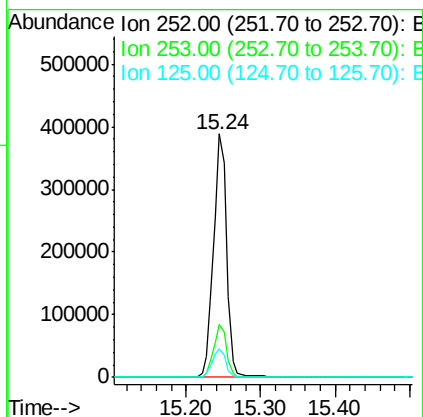
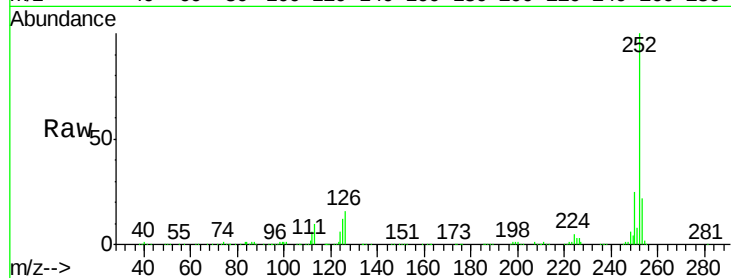




#89
Benzo(a)pyrene
Concen: 40.89 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

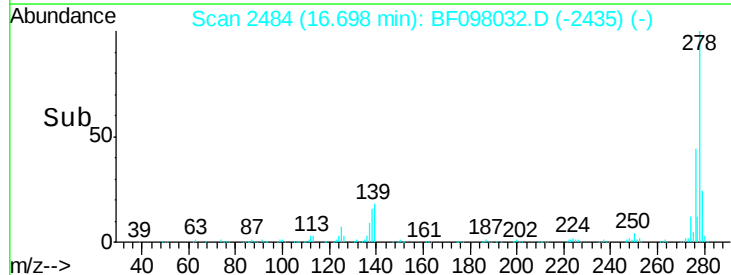
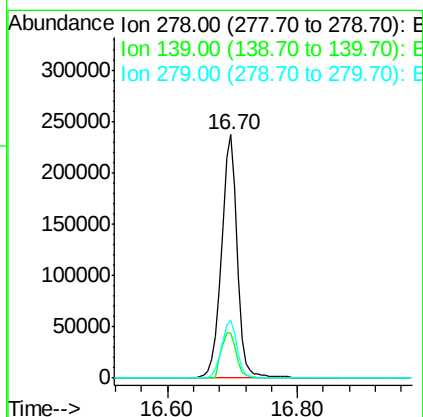
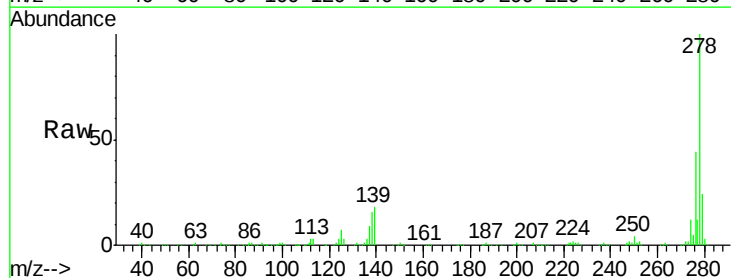
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

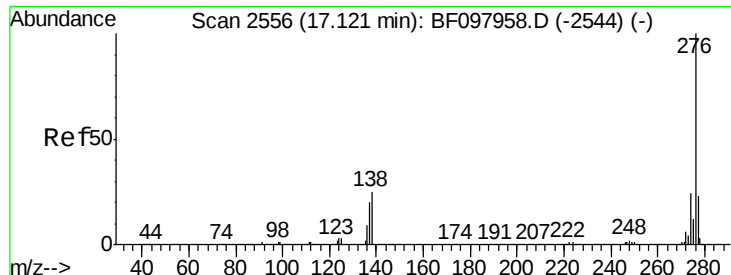
Tot Ion:252 Resp: 473046
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.33 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098032.D
Acq: 25 Aug 2017 16:00

Tgt Ion:278 Resp: 398651
Ion Ratio Lower Upper
278 100
139 18.4 16.6 24.8
279 23.9 19.3 28.9

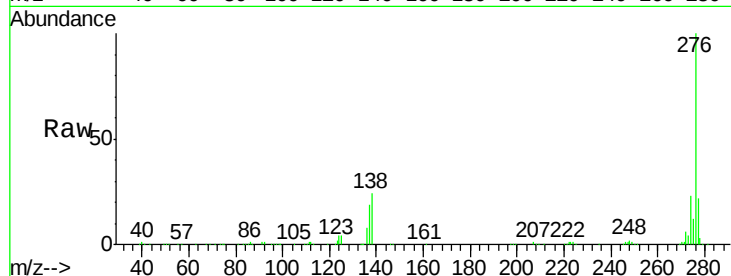




#91
 Benzo(a,h,i)perylene
 Concen: 43.43 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF098032.D
 Acq: 25 Aug 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	23.6	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

