

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098855.D
 Acq On : 27 Sep 2017 11:28
 Operator : SJ/JU
 Sample : PB102634BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:46:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	141004	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	598384	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	281307	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	490883	20.00	ng	0.00
75) Chrysene-d12	14.08	240	295104	20.00	ng	0.00
86) Perylene-d12	15.57	264	255297	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1140036	128.71	ng	0.00
7) Phenol-d6	6.55	99	1383048	126.57	ng	0.00
23) Nitrobenzene-d5	7.48	82	837560	89.76	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	299556	130.14	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1528022	90.68	ng	0.00
78) Terphenyl-d14	13.03	244	1296340	99.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	158121	37.37	ng	98
3) Pyridine	3.57	79	470659	41.12	ng	97
4) n-Nitrosodimethylamine	3.53	42	193592	39.89	ng	92
6) Aniline	6.58	93	414849	28.13	ng	99
8) 2-Chlorophenol	6.70	128	426304	42.50	ng	98
9) Benzaldehyde	6.46	77	90482	14.28	ng	99
10) Phenol	6.56	94	534092	43.71	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	406638	42.80	ng	100
12) 1,3-Dichlorobenzene	6.86	146	447843	42.63	ng	99
13) 1,4-Dichlorobenzene	6.93	146	451311	42.22	ng	98
14) 1,2-Dichlorobenzene	7.09	146	418714	42.40	ng	99
15) Benzyl Alcohol	7.06	79	362255	45.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	630839	42.62	ng	99
17) 2-Methylphenol	7.16	107	366131	44.61	ng	97
18) Hexachloroethane	7.43	117	159803	41.60	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	287650	41.23	ng	97
20) 3+4-Methylphenols	7.32	107	443492	42.71	ng	# 86
22) Acetophenone	7.32	105	567197	39.12	ng	98
24) Nitrobenzene	7.50	77	435467	41.14	ng	98
25) Isophorone	7.73	82	806602	41.81	ng	99
26) 2-Nitrophenol	7.81	139	229172	45.03	ng	97
27) 2,4-Dimethylphenol	7.85	122	405569	42.19	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	521274	43.36	ng	99
29) 2,4-Dichlorophenol	8.05	162	363408	44.03	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	355361	43.05	ng	100
31) Naphthalene	8.22	128	1197024	42.59	ng	100
32) Benzoic acid	7.97	122	248932	31.53	ng	97
33) 4-Chloroaniline	8.26	127	267577	22.80	ng	99
34) Hexachlorobutadiene	8.33	225	180383	42.43	ng	99
35) Caprolactam	8.64	113	75995	28.71	ng	94
36) 4-Chloro-3-methylphenol	8.75	107	393968	42.47	ng	96
37) 2-Methylnaphthalene	8.91	142	848726	46.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	325045	38.74	ng	99
40) Hexachlorocyclopentadiene	9.06	237	268763	70.10	ng	98

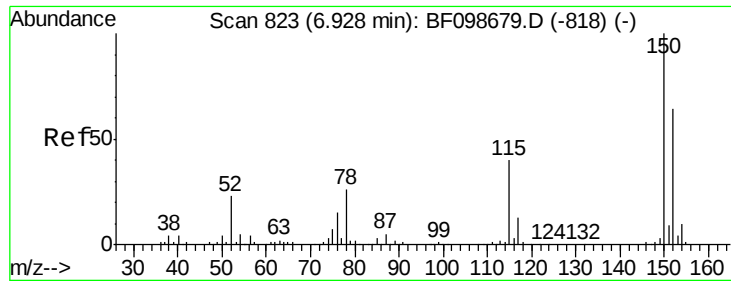
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098855.D
 Acq On : 27 Sep 2017 11:28
 Operator : SJ/JU
 Sample : PB102634BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	249402	41.96	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	259895	43.81	nq	97
45) 1,1'-Biphenyl	9.37	154	964527	39.89	nq	99
46) 2-Chloronaphthalene	9.40	162	762496	42.01	nq	97
47) 2-Nitroaniline	9.50	65	243147	43.75	nq	90
48) Acenaphthylene	9.82	152	1168143	42.04	nq	100
49) Dimethylphthalate	9.67	163	927365	43.68	nq	100
50) 2,6-Dinitrotoluene	9.74	165	206677	44.71	nq	89
51) Acenaphthene	9.99	154	739721	42.02	nq	100
52) 3-Nitroaniline	9.90	138	155013	28.76	nq	96
53) 2,4-Dinitrophenol	10.01	184	87348	39.48	nq	99
54) Dibenzofuran	10.16	168	1056268	45.07	nq	99
55) 4-Nitrophenol	10.07	139	375525	82.40	nq	90
56) 2,4-Dinitrotoluene	10.14	165	280739	46.80	nq	96
57) Fluorene	10.50	166	800478	42.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	195960	47.81	nq	98
59) Diethylphthalate	10.37	149	898690	43.32	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	368144	43.51	nq	99
61) 4-Nitroaniline	10.52	138	209217	40.24	nq	94
62) Azobenzene	10.66	77	859158	45.04	nq	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	79142	26.50	nq	81
65) n-Nitrosodiphenylamine	10.62	169	733550	43.14	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	215962	44.95	nq	93
67) Hexachlorobenzene	11.05	284	215225	41.94	nq	97
68) Atrazine	11.14	200	233499	45.64	nq	100
69) Pentachlorophenol	11.25	266	224717	70.36	nq	97
70) Phenanthrene	11.47	178	1160598	44.17	nq	99
71) Anthracene	11.52	178	1191168	44.31	nq	100
72) Carbazole	11.67	167	1114261	42.32	nq	99
73) Di-n-butylphthalate	12.00	149	1415389	44.66	nq	99
74) Fluoranthene	12.66	202	1126903	42.35	nq	99
76) Benzidine	12.77	184	590462	54.10	nq	98
77) Pyrene	12.89	202	1138721	50.60	nq	100
79) Butylbenzylphthalate	13.50	149	577970	54.65	nq	93
80) Benzo(a)anthracene	14.07	228	790824	44.26	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	237133	36.20	nq	96
82) Chrysene	14.11	228	728776	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	798000	54.80	nq	99
84) Di-n-octyl phthalate	14.66	149	1157083	49.35	nq	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	740130	54.39	nq	96
87) Benzo(b)fluoranthene	15.13	252	657969	41.92	nq	98
88) Benzo(k)fluoranthene	15.16	252	648122	41.80	nq	99
89) Benzo(a)pyrene	15.51	252	638890	44.34	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	615209	53.35	nq	97
91) Benzo(g,h,i)perylene	17.54	276	616220	54.06	nq	95

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

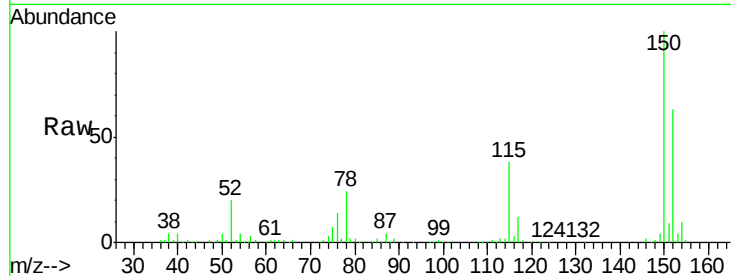


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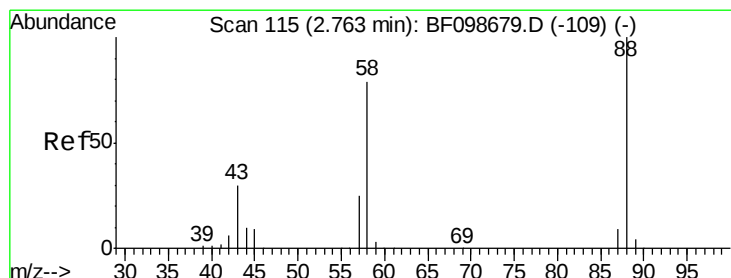
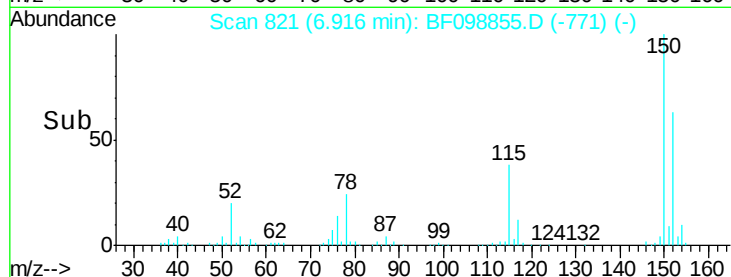
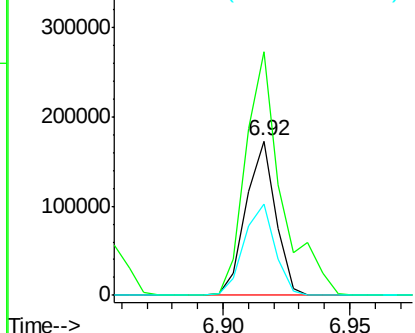
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141004
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.3 50.1 75.1



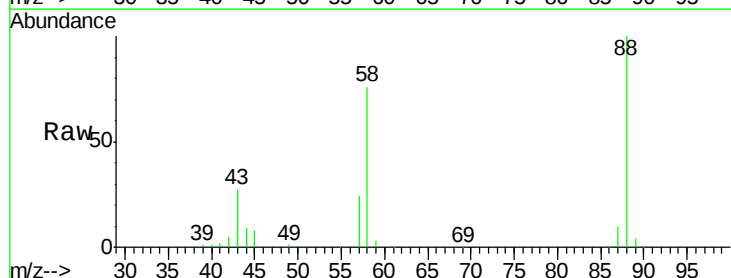
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



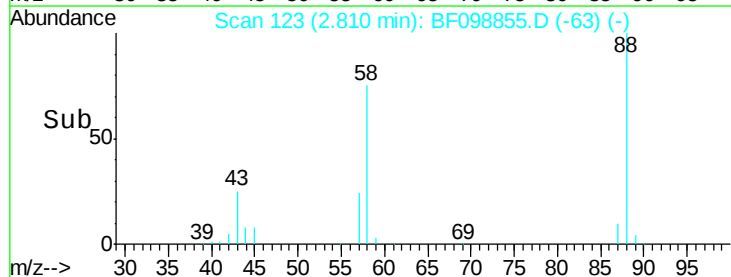
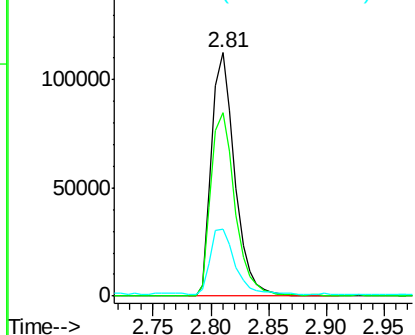
#2

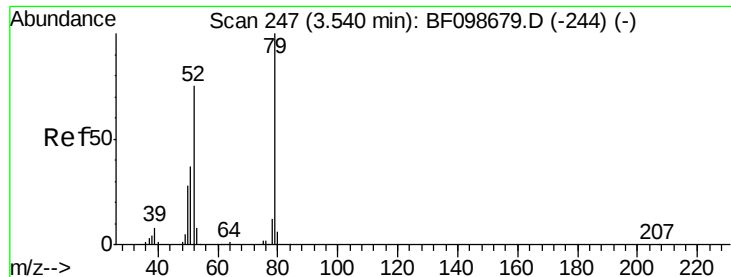
1,4-Dioxane
Concen: 37.37 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.05 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion: 88 Resp: 158121
Ion Ratio Lower Upper
88 100
58 79.1 62.6 93.8
43 27.8 24.6 37.0



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

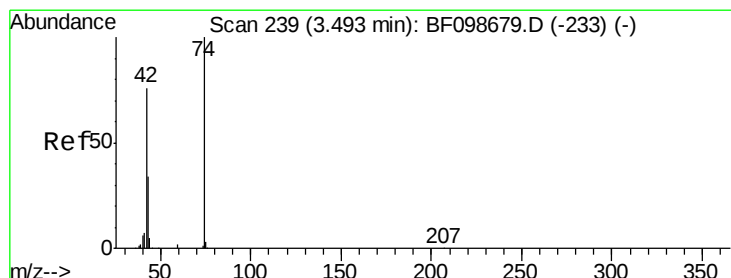
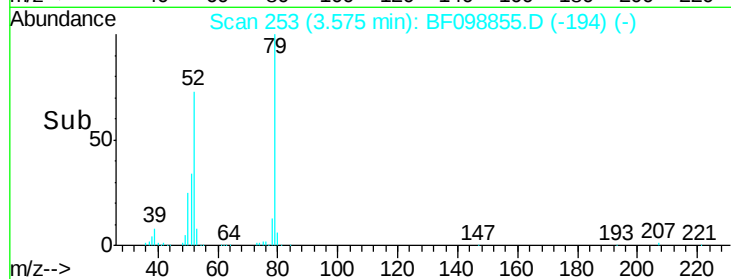
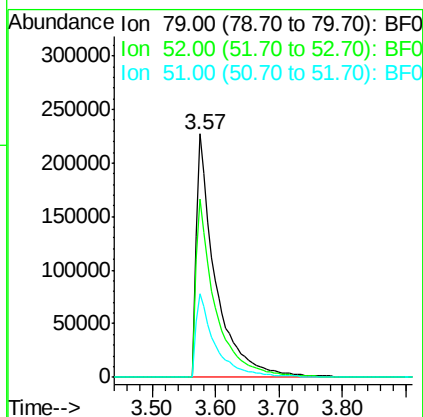
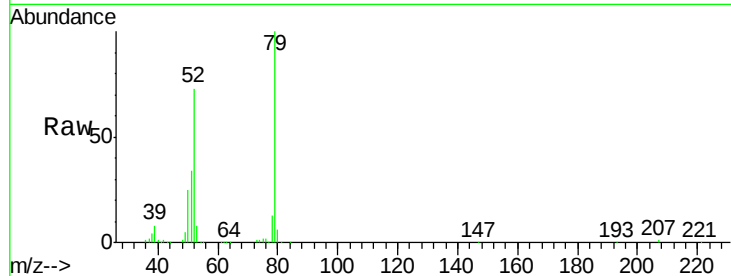




#3
 Pvridine
 Concen: 41.12 ng
 RT: 3.57 min Scan# 253
 Delta R.T. 0.05 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

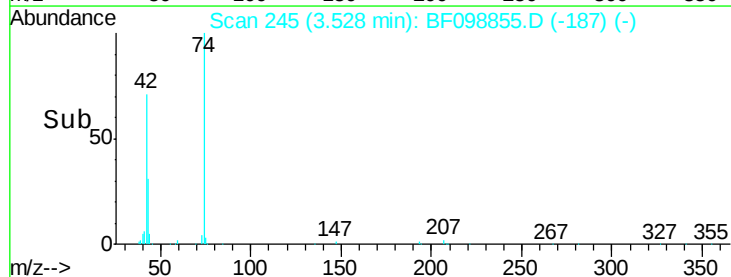
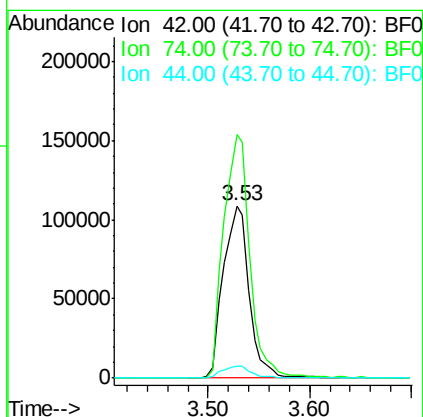
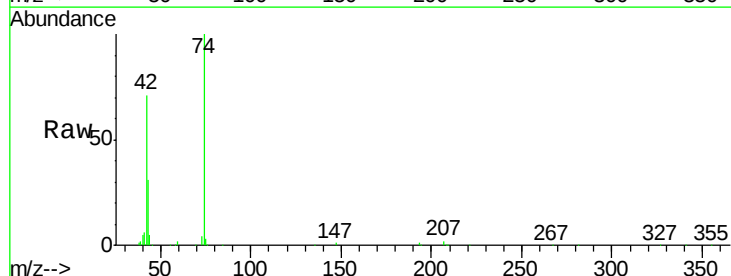
Instrument :
 BNA_F
 ClientSampleId :

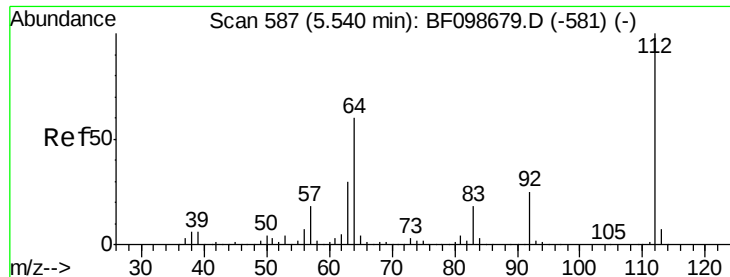
Tot Ion: 79 Resp: 470659
 Ion Ratio Lower Upper
 79 100
 52 73.0 59.8 89.6
 51 34.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.89 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.04 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion: 42 Resp: 193592
 Ion Ratio Lower Upper
 42 100
 74 141.4 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 128.71 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

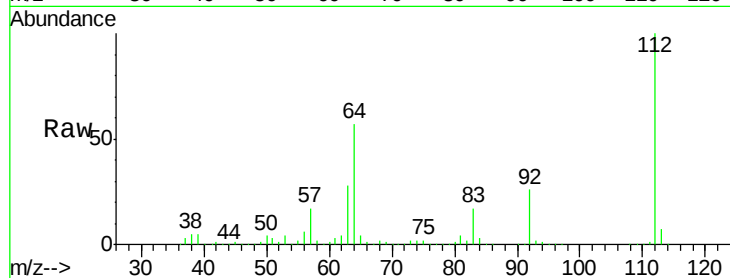
Tot Ion:112 Resp: 1140036

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

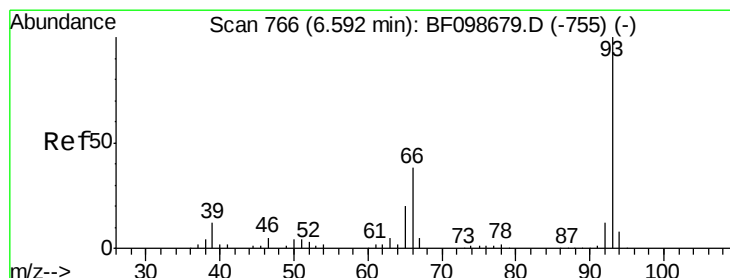
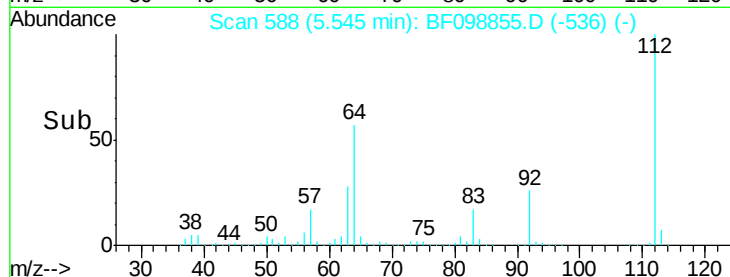
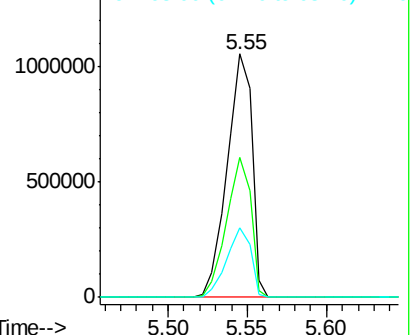
63 28.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.13 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

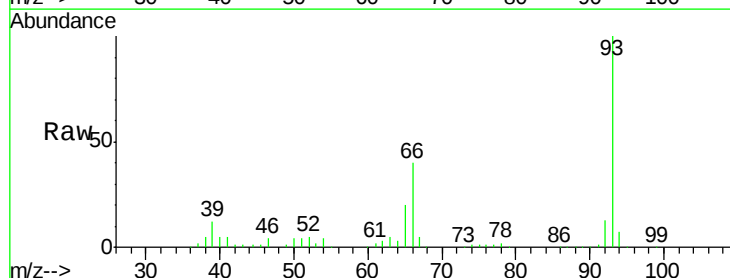
Tgt Ion: 93 Resp: 414849

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

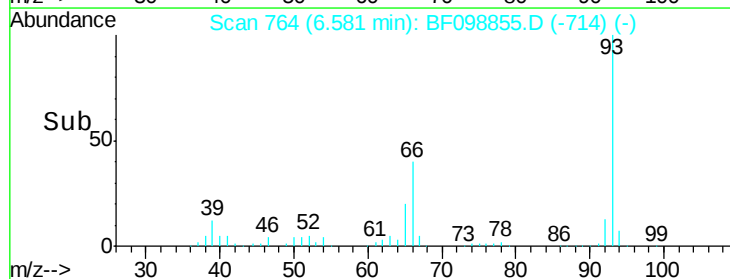
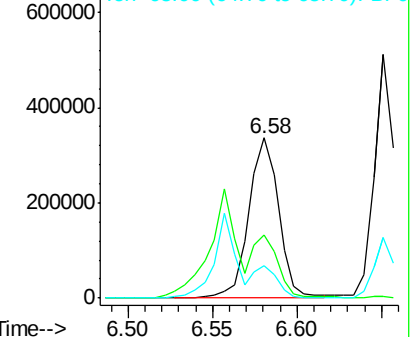
65 20.2 16.4 24.6

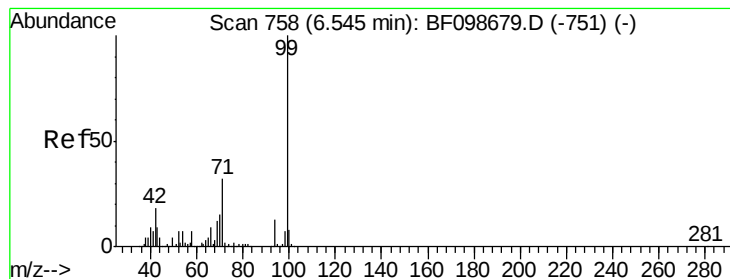


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.57 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampled :

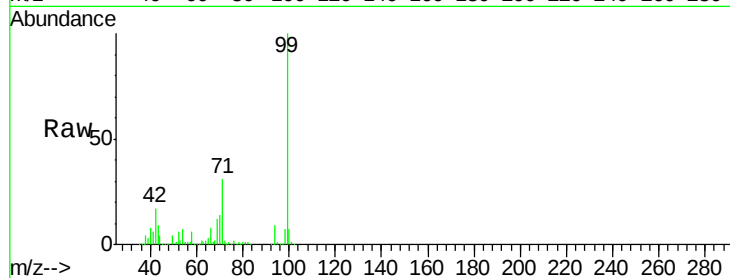
Tot Ion: 99 Resp: 1383048

Ion Ratio Lower Upper

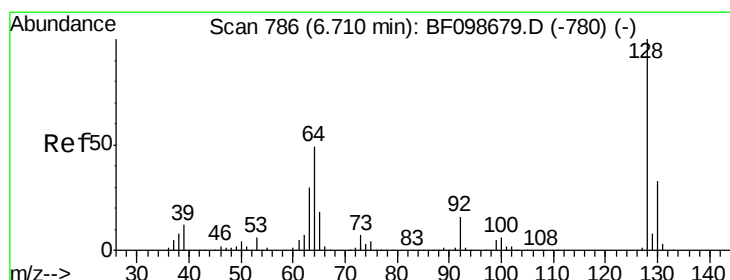
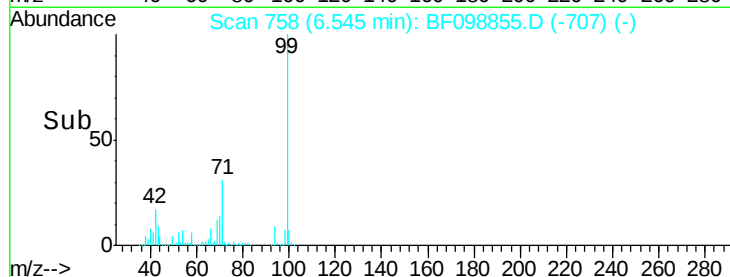
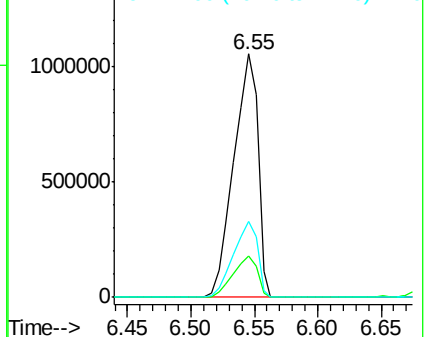
99 100

42 16.9 14.5 21.7

71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.50 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

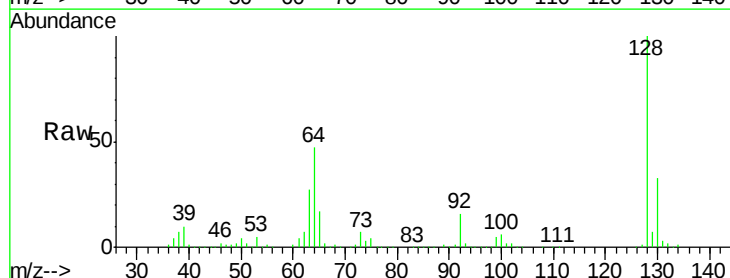
Tgt Ion: 128 Resp: 426304

Ion Ratio Lower Upper

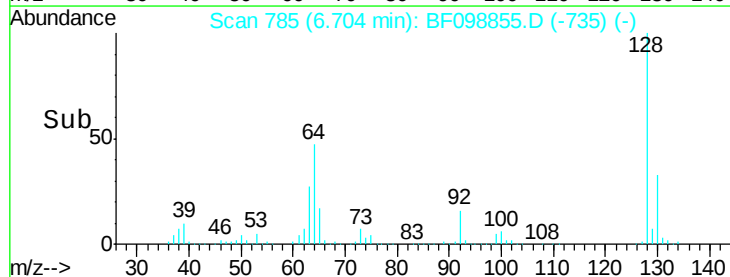
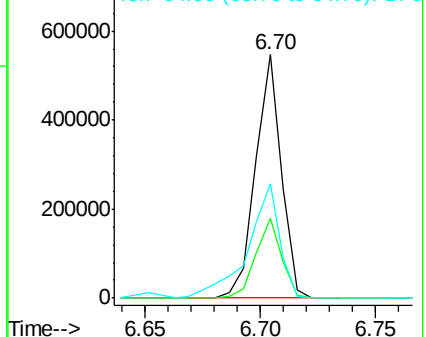
128 100

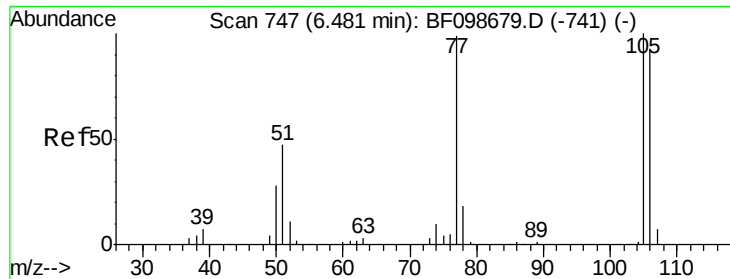
130 32.9 13.0 53.0

64 46.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.28 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

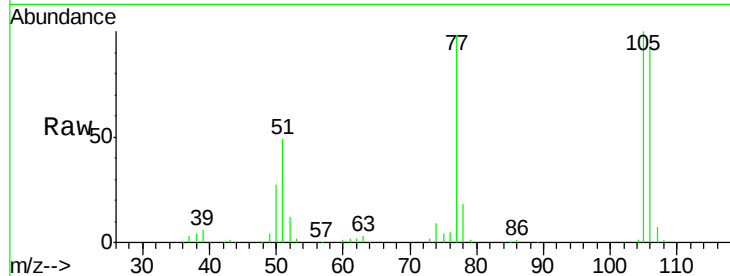
Tot Ion: 77 Resp: 90482

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

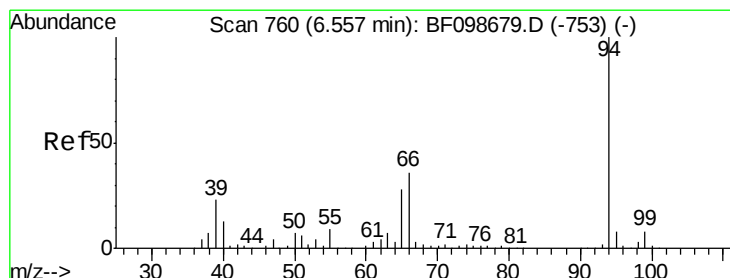
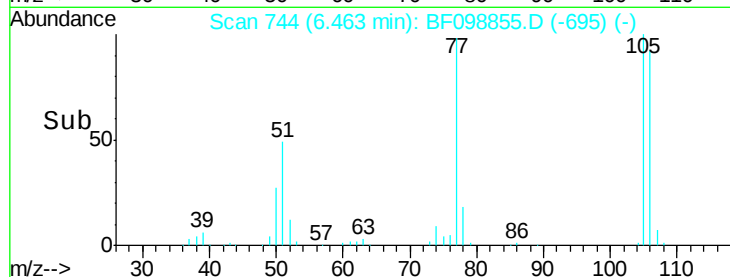
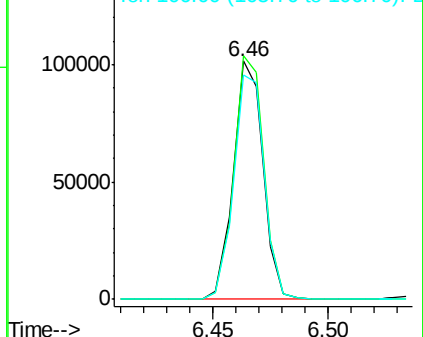
106 94.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.71 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

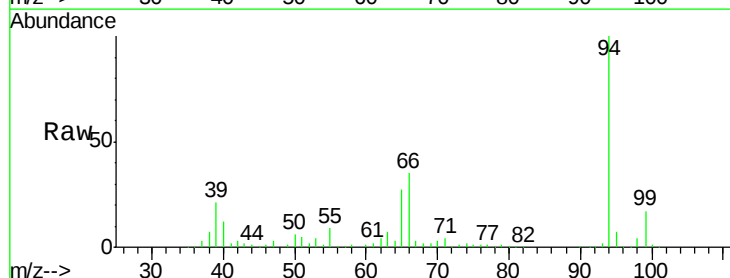
Tgt Ion: 94 Resp: 534092

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

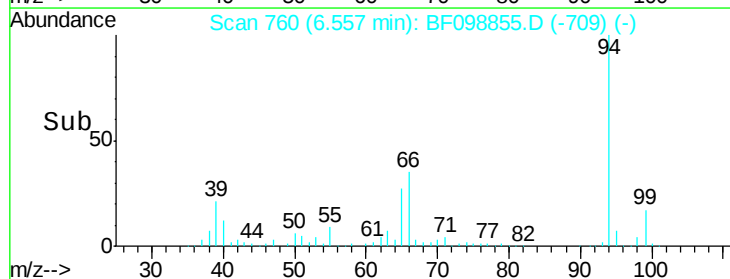
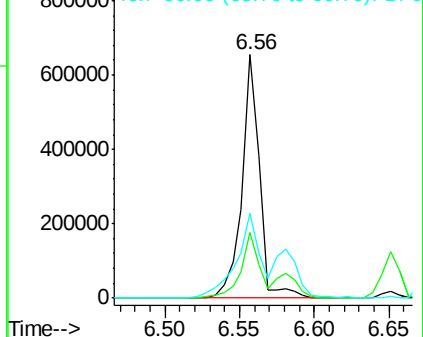
66 35.1 16.2 56.2

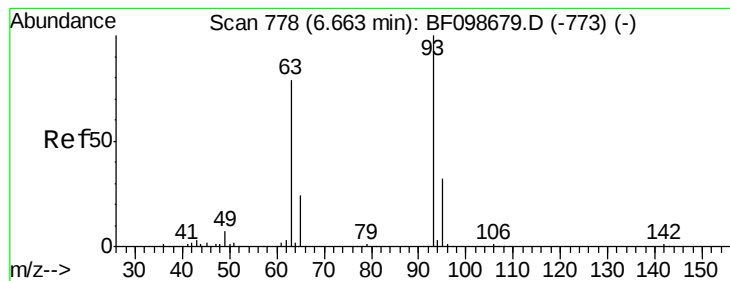


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.80 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

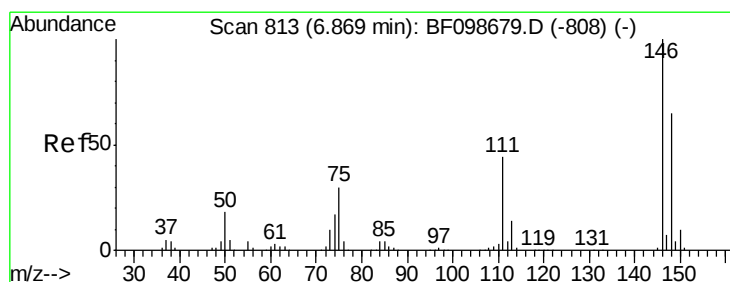
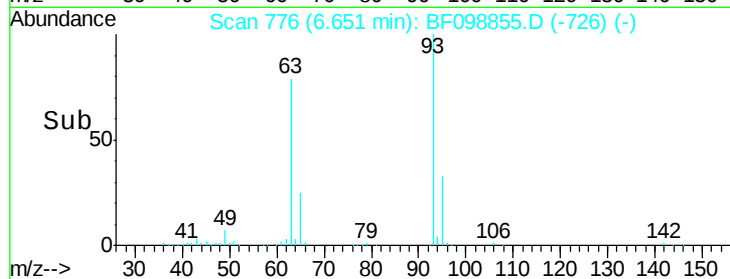
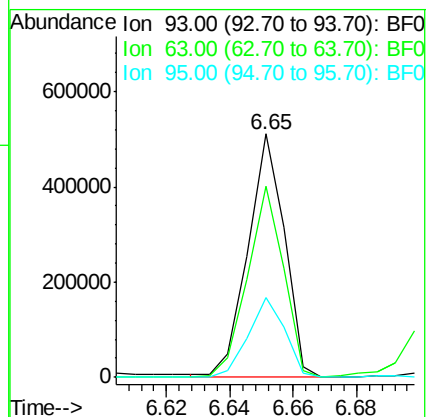
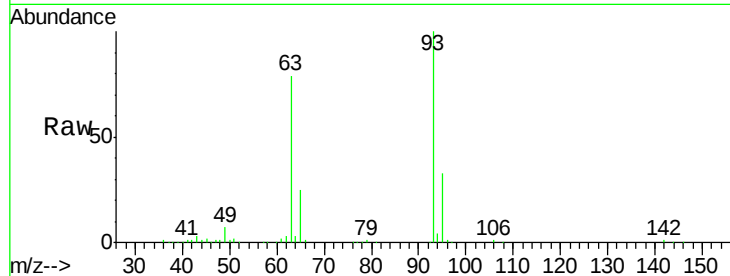
Tot Ion: 93 Resp: 406638

Ion Ratio Lower Upper

93 100

63 78.6 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.63 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

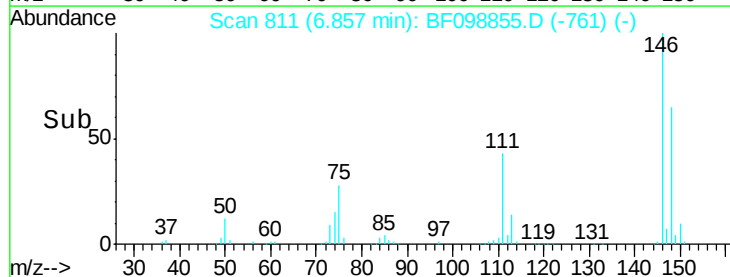
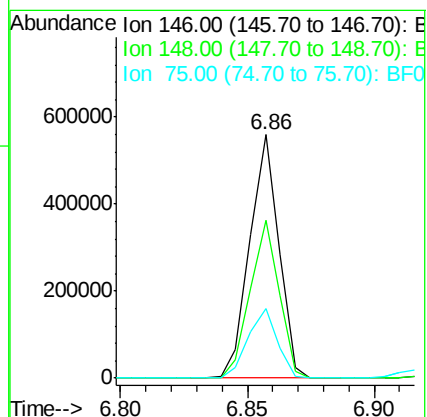
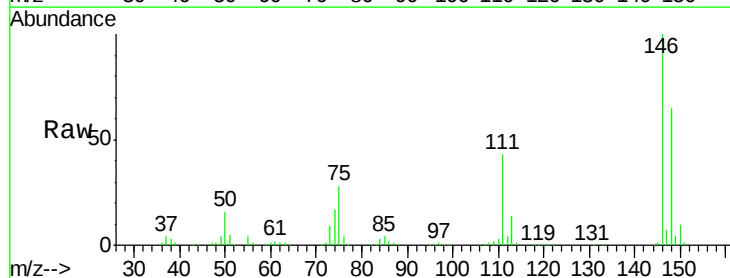
Tgt Ion: 146 Resp: 447843

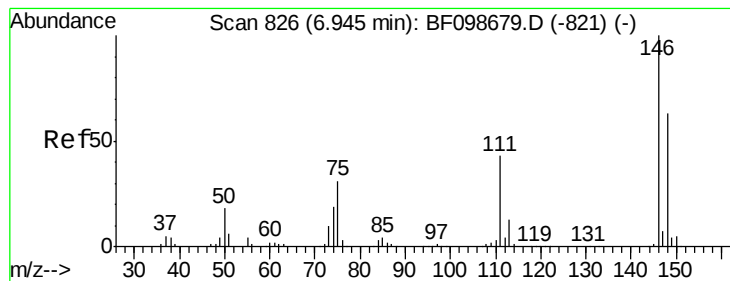
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 28.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.22 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

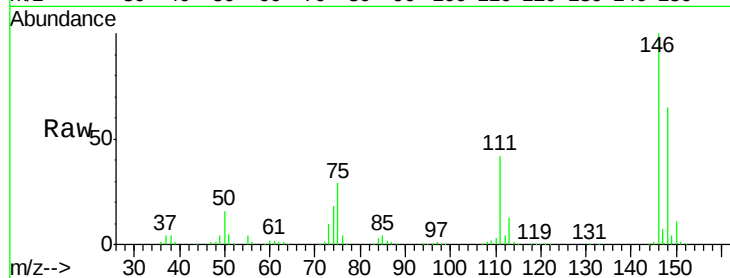
Tot Ion:146 Resp: 451311

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

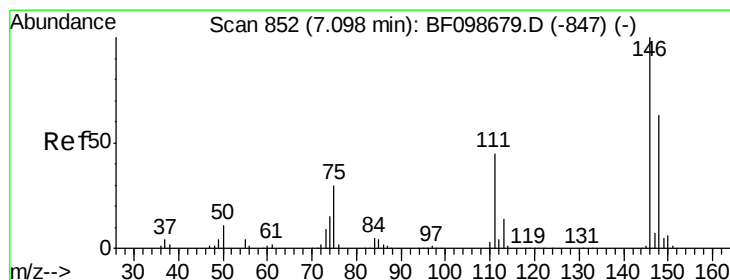
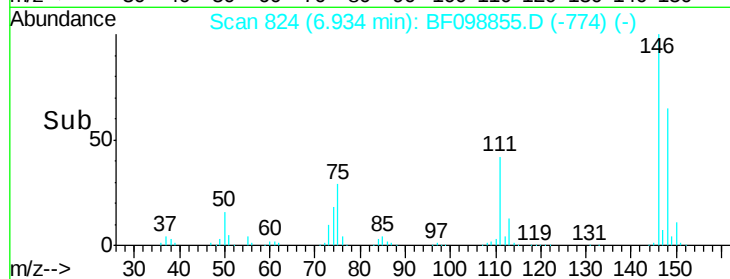
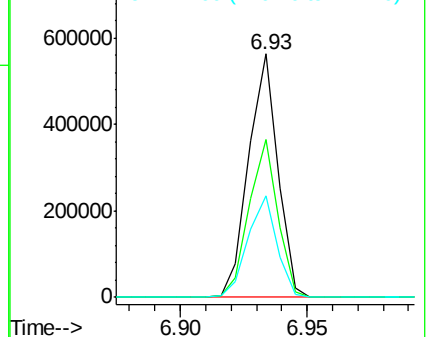
111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.40 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

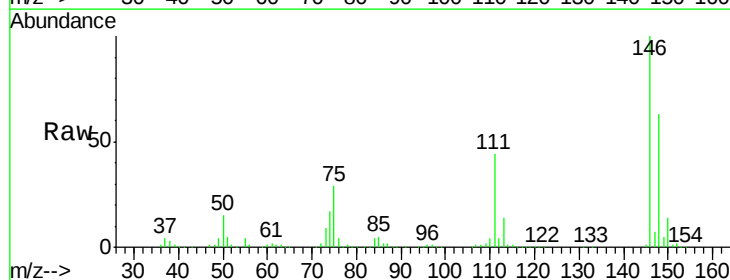
Tgt Ion:146 Resp: 418714

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

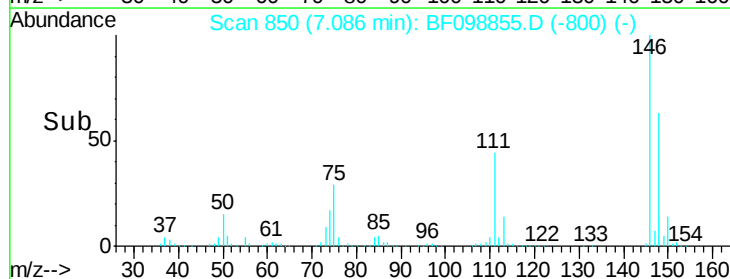
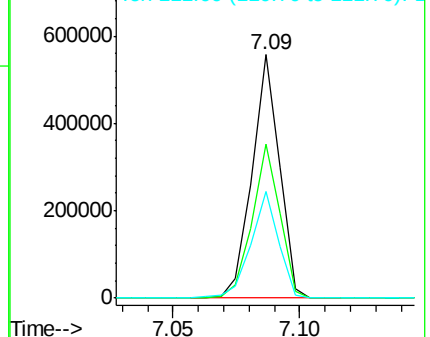
111 43.8 36.0 54.0

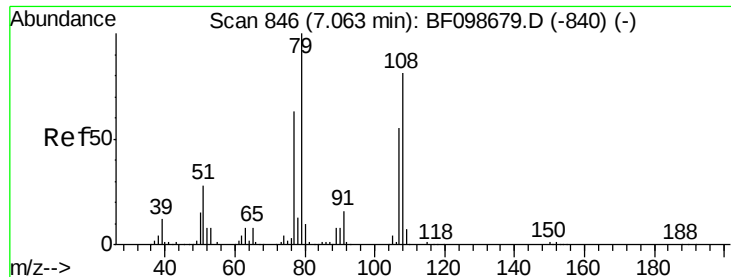


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.19 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

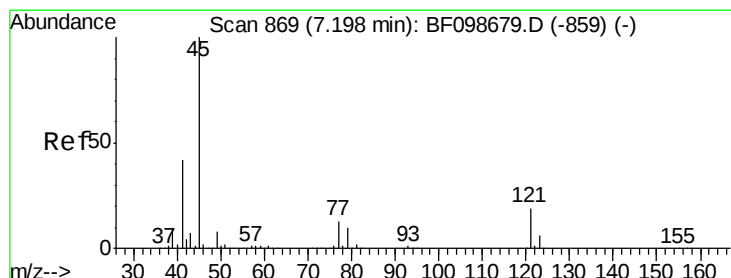
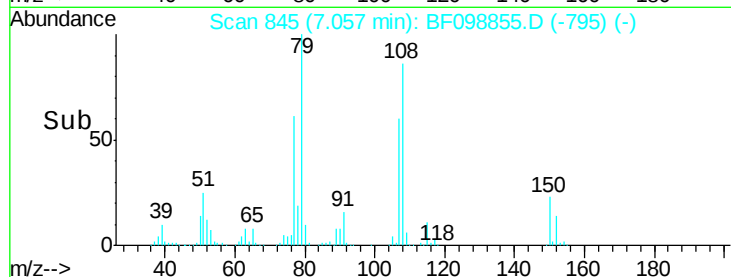
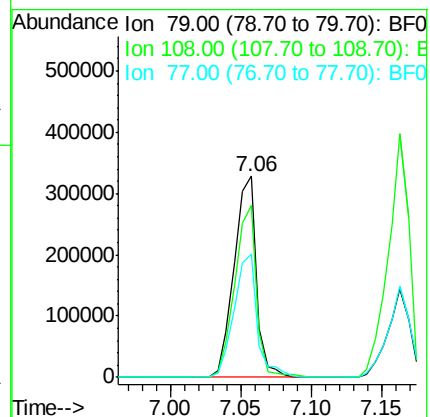
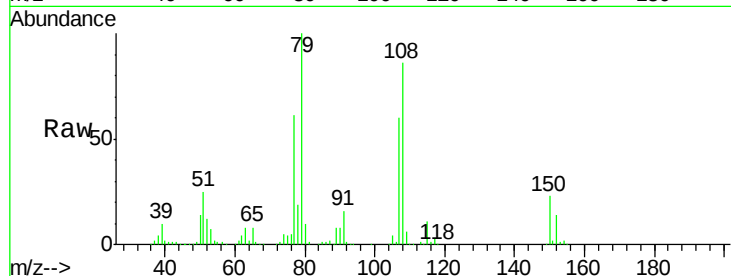
Tot Ion: 79 Resp: 362255

Ion Ratio Lower Upper

79 100

108 85.5 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.62 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

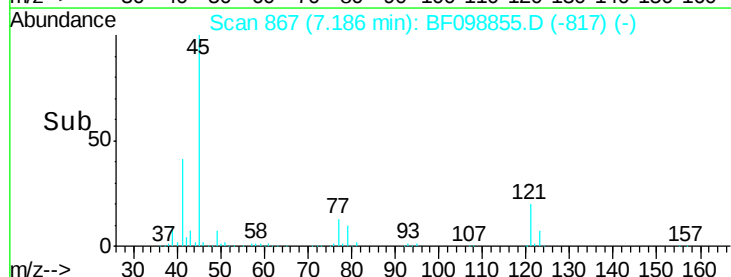
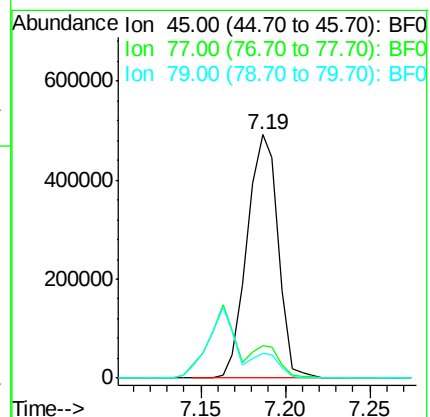
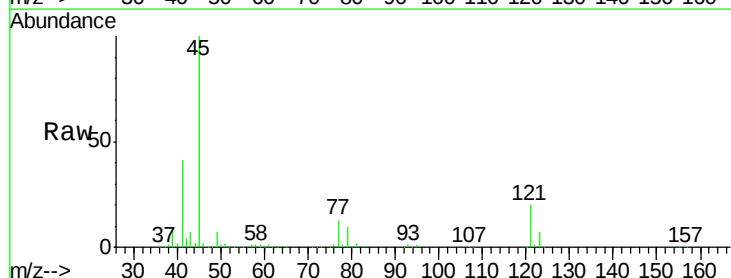
Tgt Ion: 45 Resp: 630839

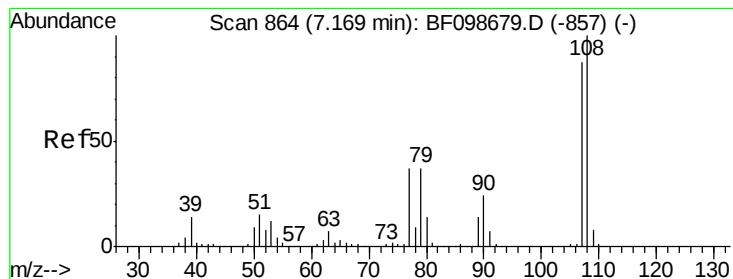
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 10.3 0.0 29.6





#17

2-Methylphenol

Concen: 44.61 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 366131

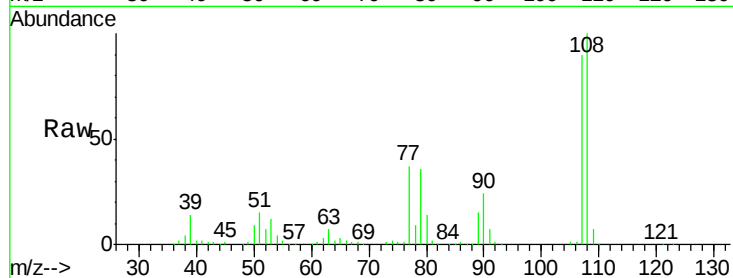
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 41.5 33.8 50.8

79 40.3 33.8 50.8

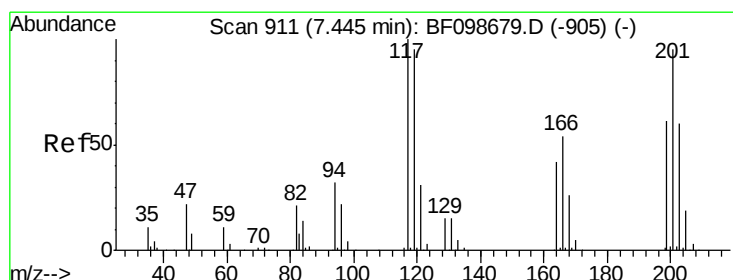
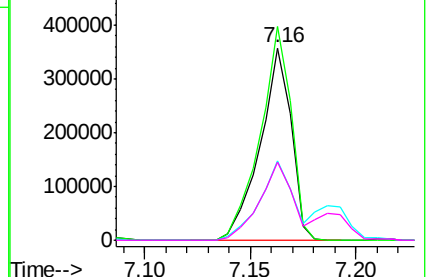
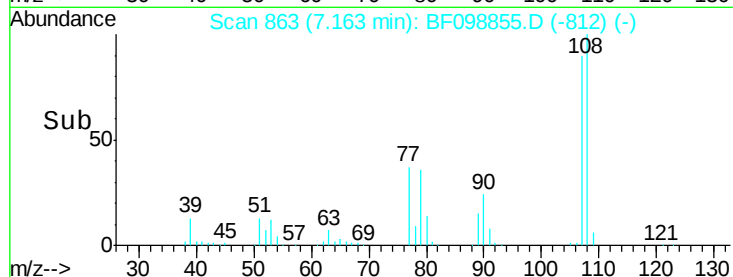


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.60 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

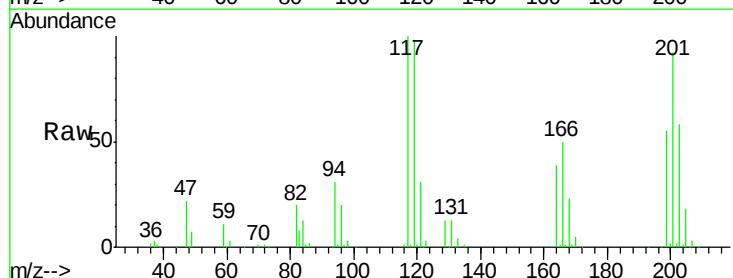
Tgt Ion:117 Resp: 159803

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

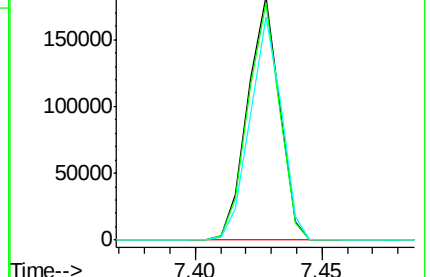
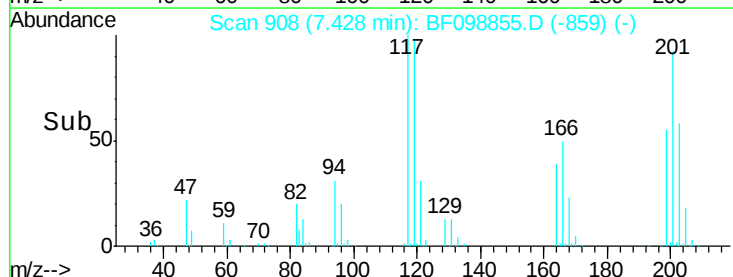
201 91.6 75.7 113.5

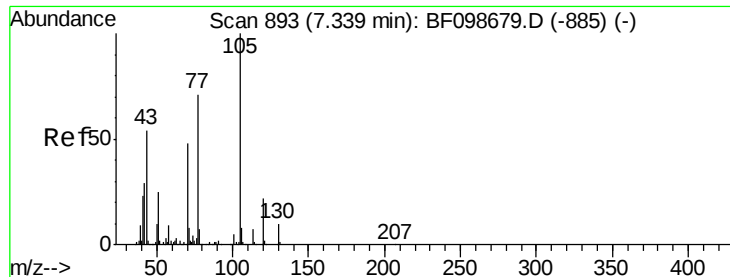


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

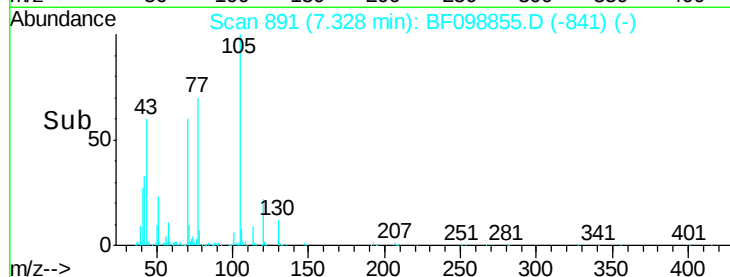
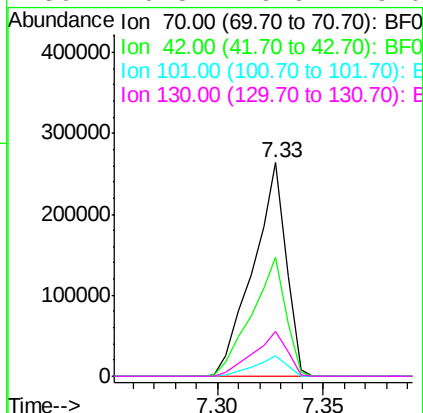
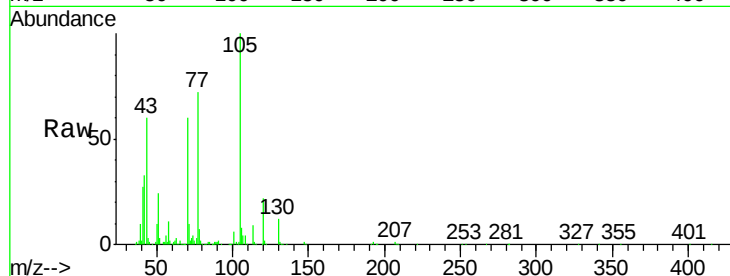




#19
n-Nitroso-di-n-propylamine
Concen: 41.23 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

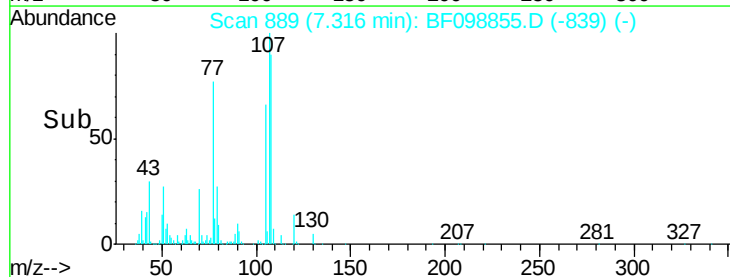
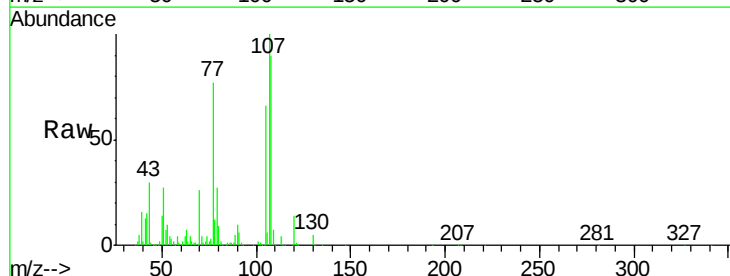
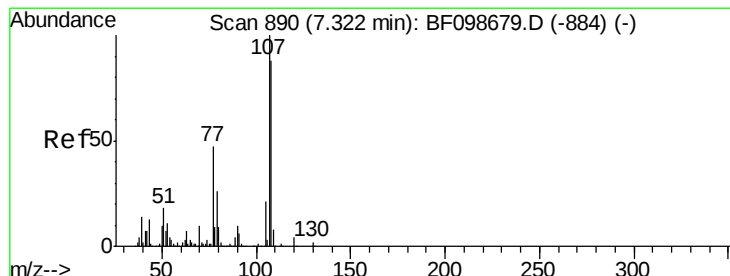
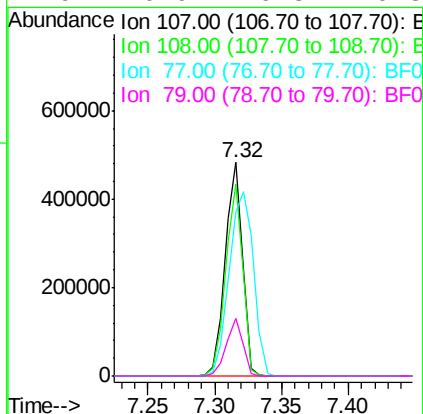
Instrument :
BNA_F
ClientSampleId :

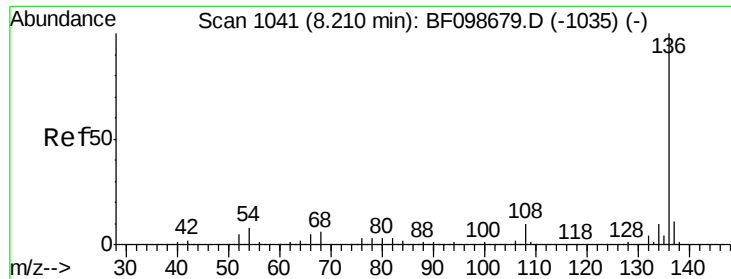
Tot Ion: 70 Resp: 287650
Ion Ratio Lower Upper
70 100
42 55.8 47.5 71.3
101 9.8 7.4 11.2
130 20.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.71 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion: 107 Resp: 443492
Ion Ratio Lower Upper
107 100
108 89.8 68.2 108.2
77 76.6 26.7 66.7#
79 26.9 6.3 46.3

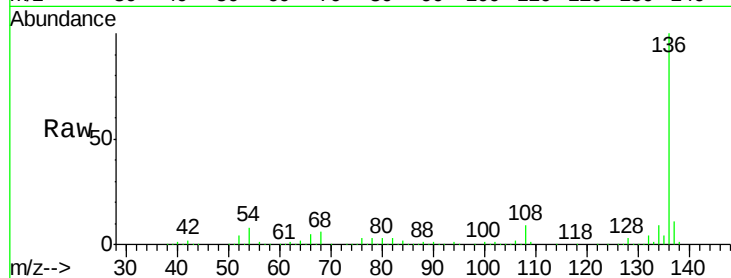




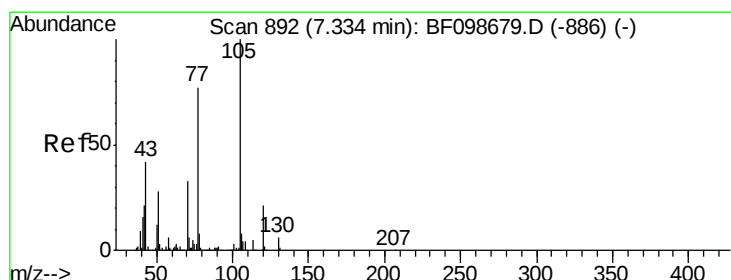
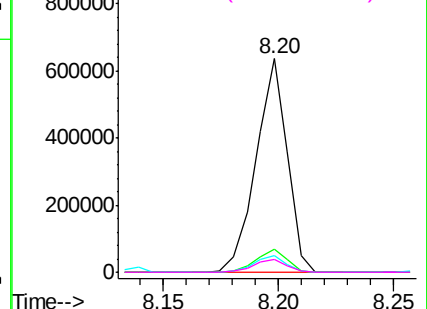
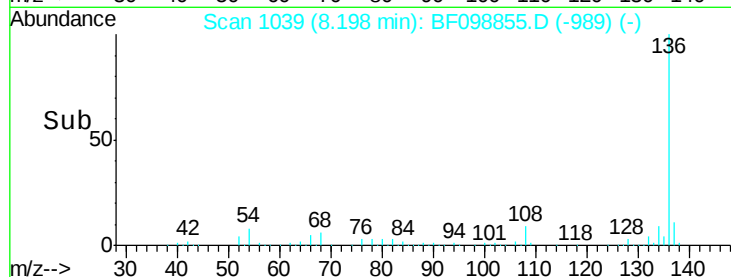
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	598384
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.7	6.6 9.8
68	6.0	5.0 7.4

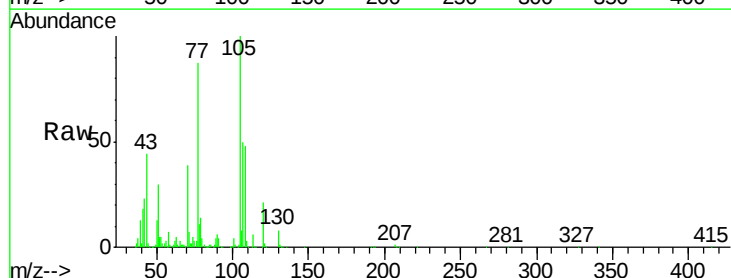


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

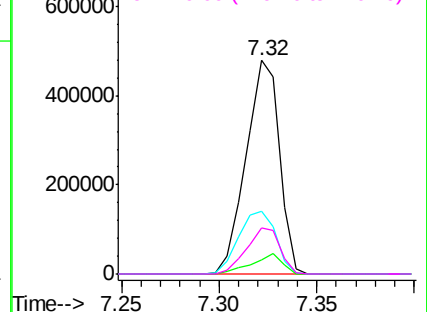
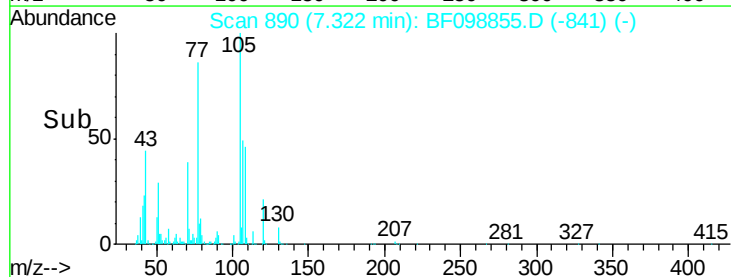


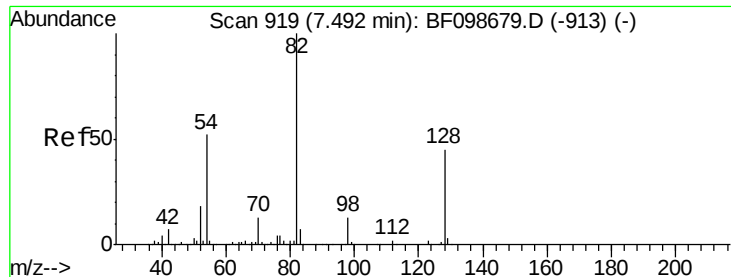
#22
Acetophenone
Concen: 39.12 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:105	Resp:	567197
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	29.5	22.3 33.5
120	21.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

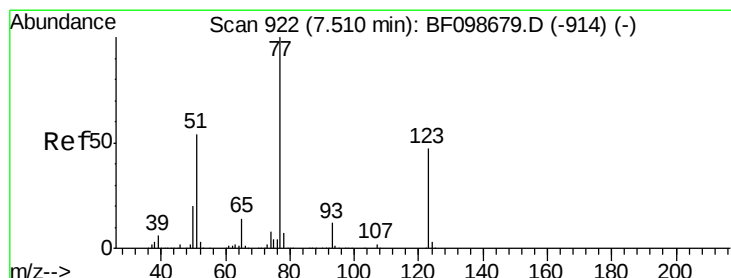
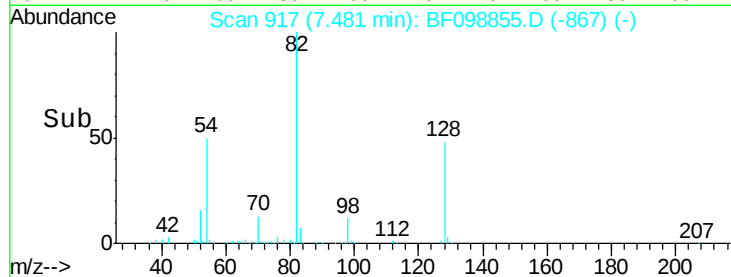
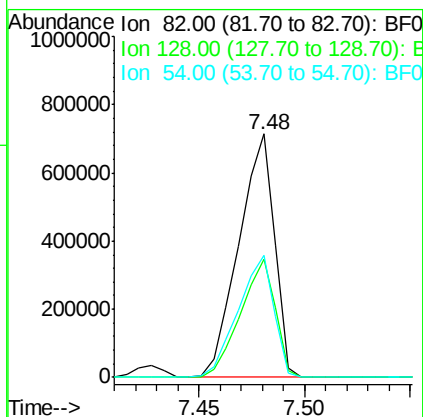
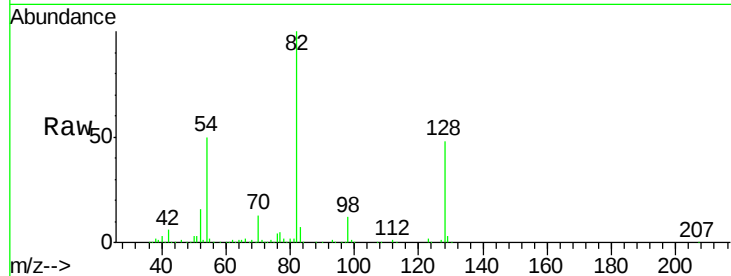




#23
 Nitrobenzene-d5
 Concen: 89.76 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

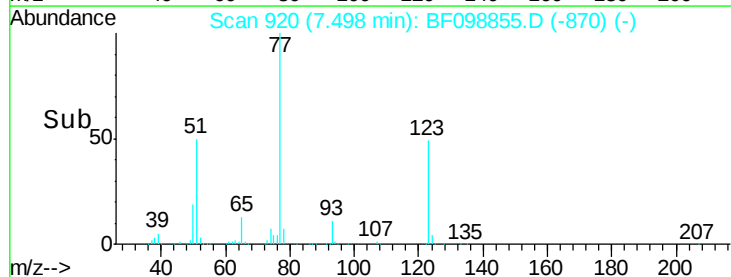
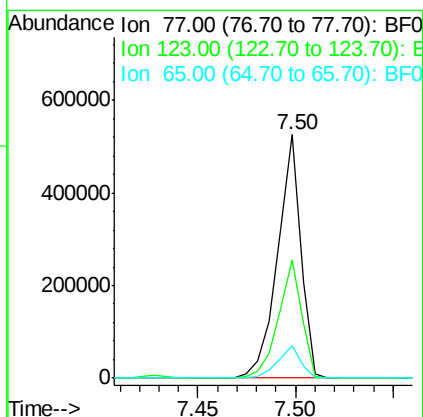
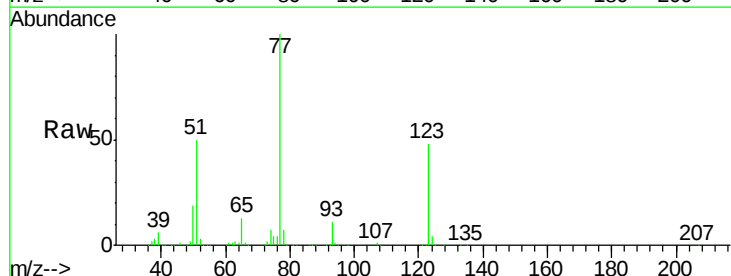
Instrument :
 BNA_F
 ClientSampled :

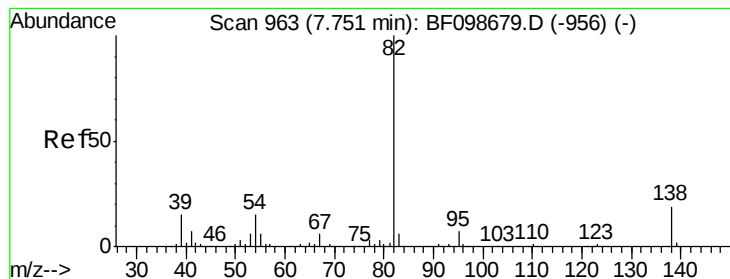
Tot Ion	82	Resp	837560
Ion Ratio	100	Lower	Upper
128	48.4	36.1	54.1
54	49.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.14 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	77	Resp	435467
Ion Ratio	100	Lower	Upper
123	48.4	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 41.81 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

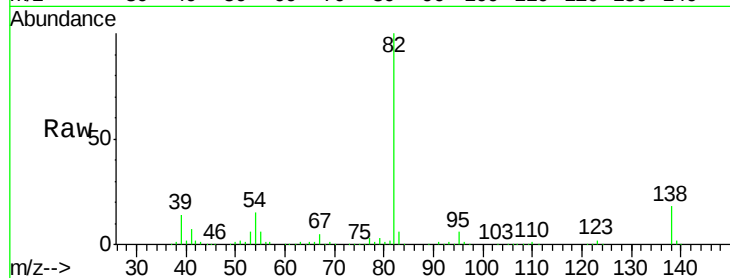
Tot Ion: 82 Resp: 806602

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

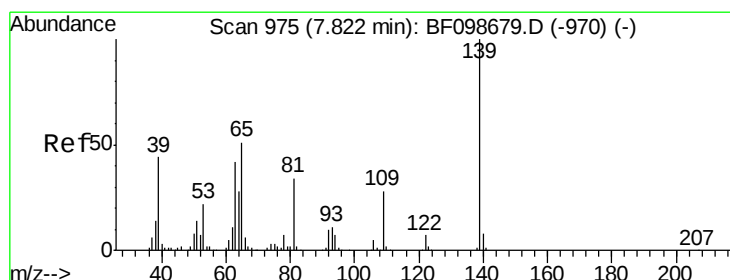
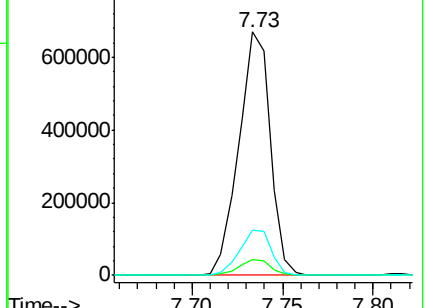
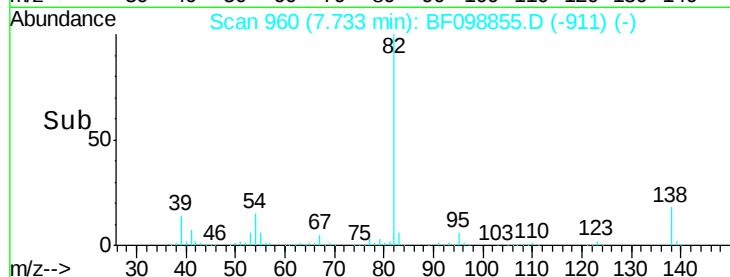
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.03 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

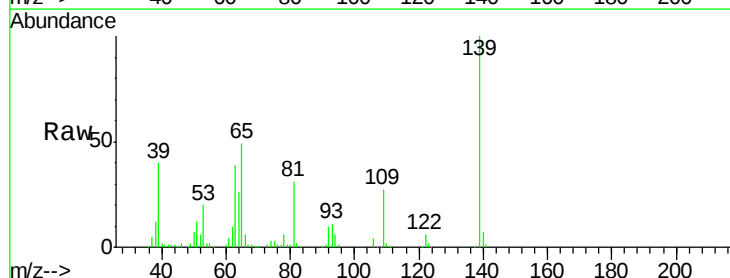
Tgt Ion: 139 Resp: 229172

Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

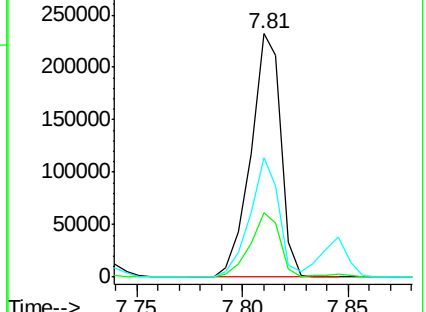
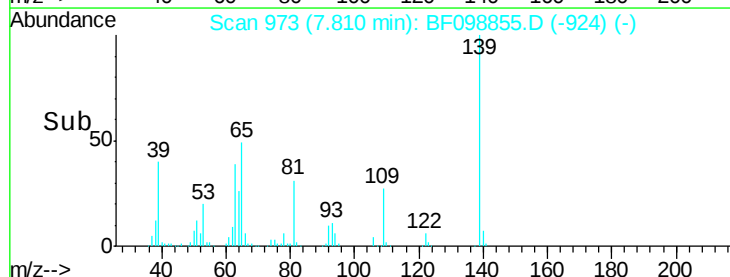
65 48.9 40.5 60.7

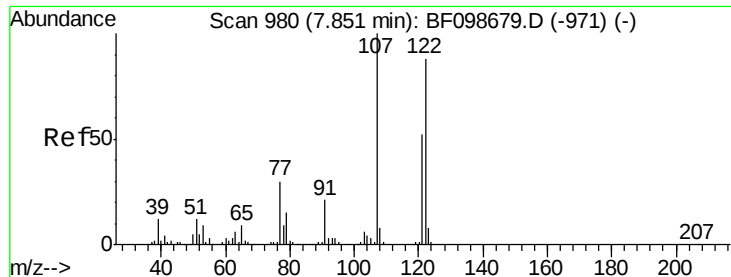


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.19 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

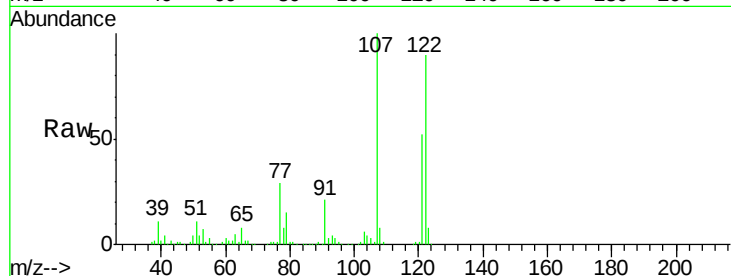
Tot Ion:122 Resp: 405569

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

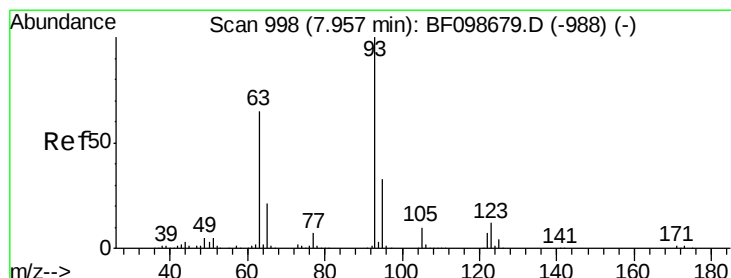
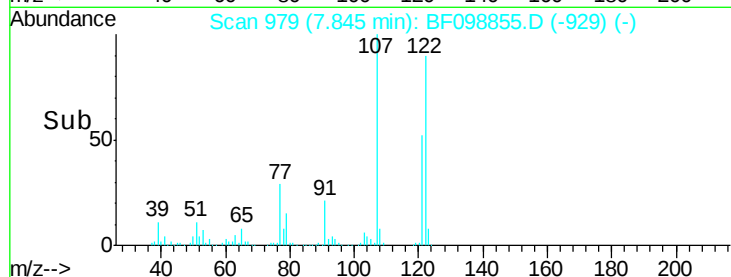
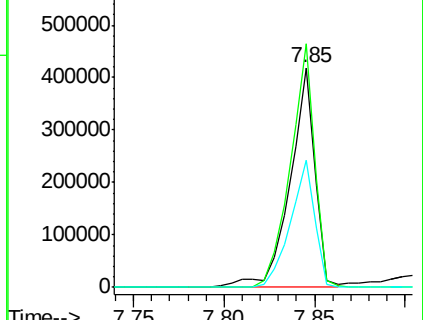
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.36 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

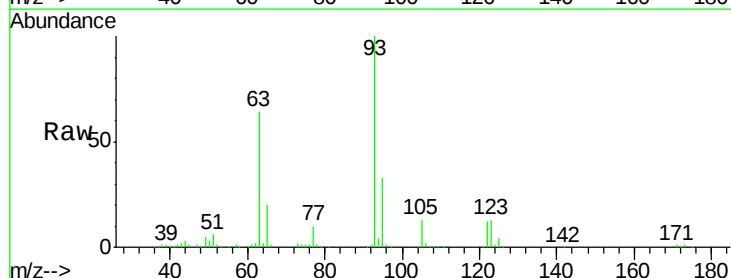
Tgt Ion: 93 Resp: 521274

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

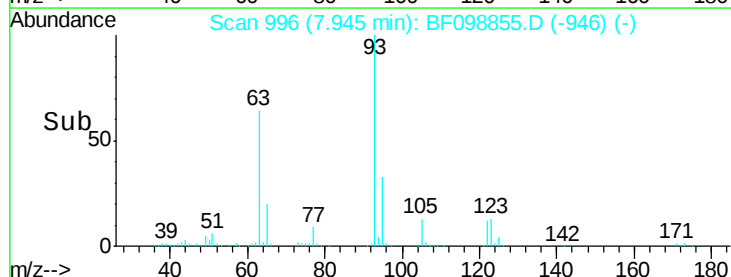
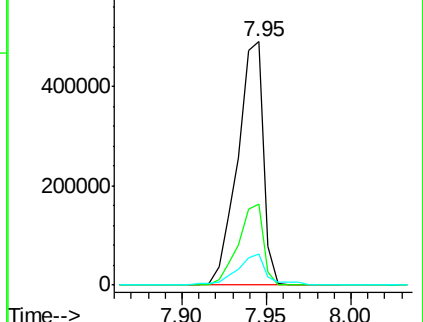
123 12.7 9.8 14.6

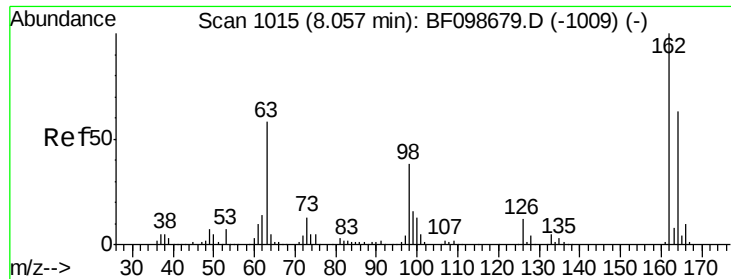


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

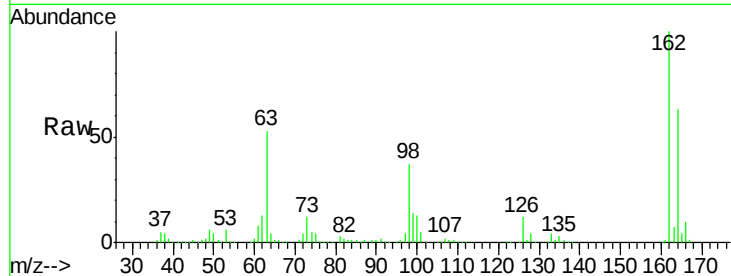




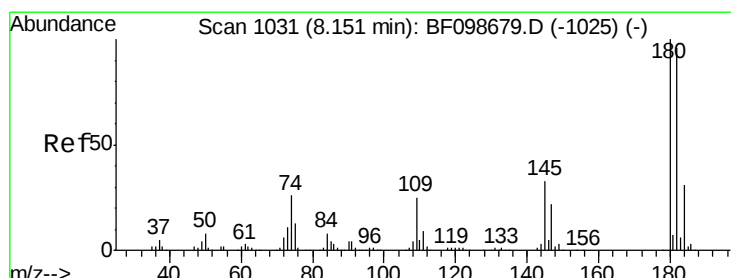
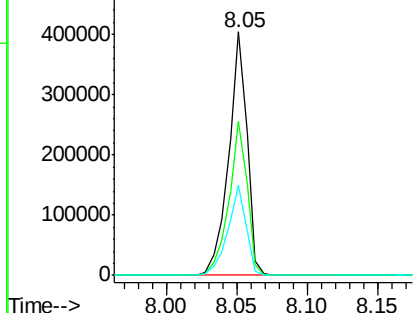
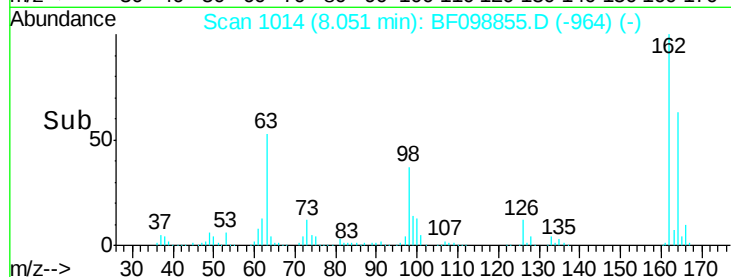
#29
 2,4-Dichlorophenol
 Concen: 44.03 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	36.8	18.1	58.1

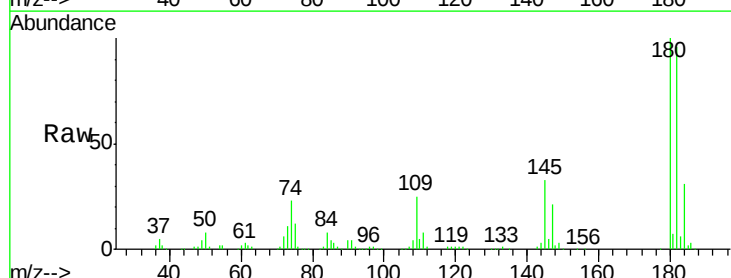


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

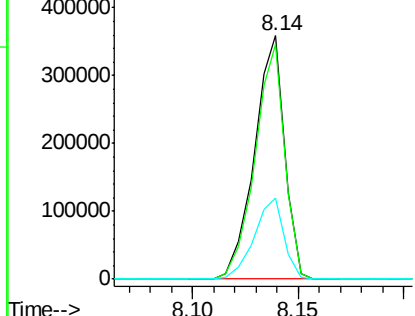
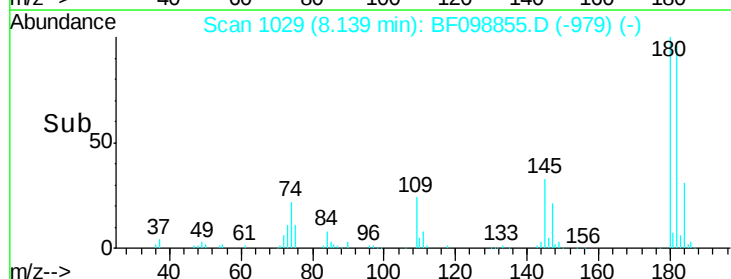


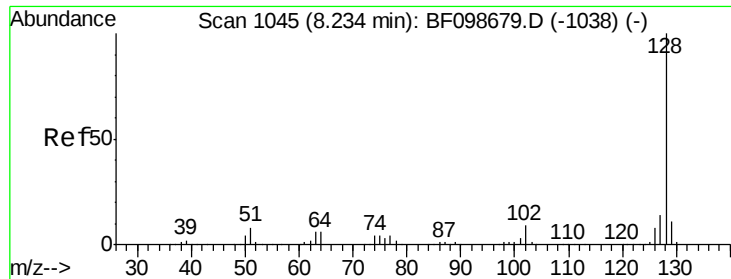
#30
 1,2,4-Trichlorobenzene
 Concen: 43.05 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	33.1	26.5	39.7



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

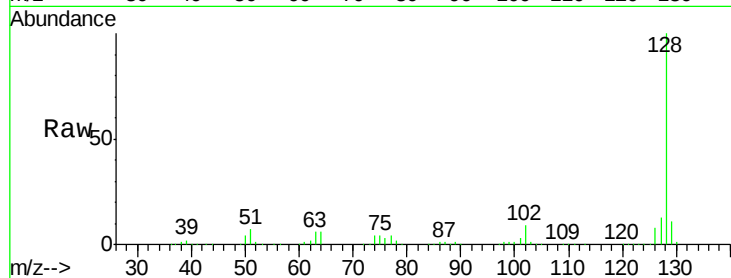




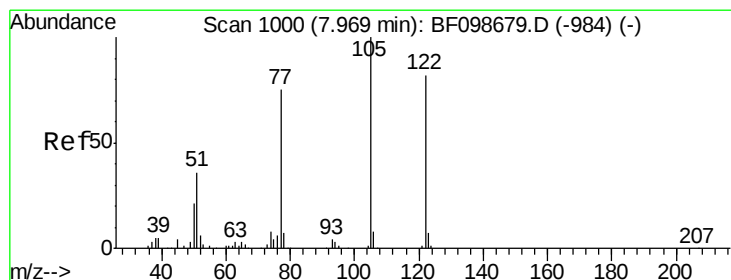
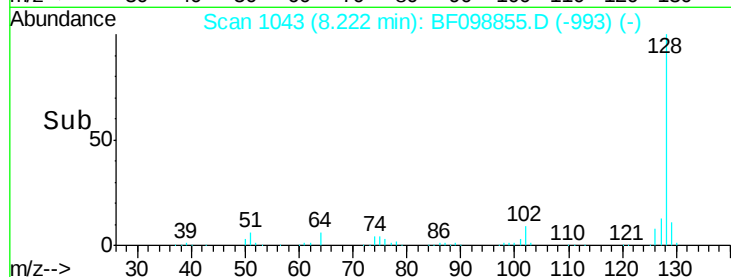
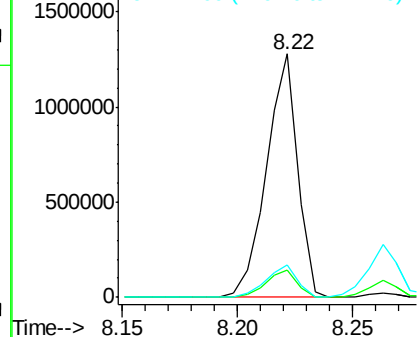
#31
Naphthalene
Concen: 42.59 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1197024
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

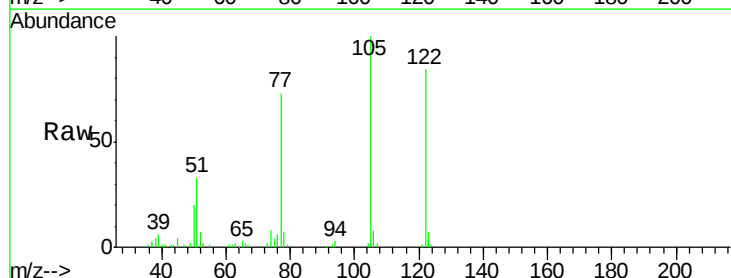


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

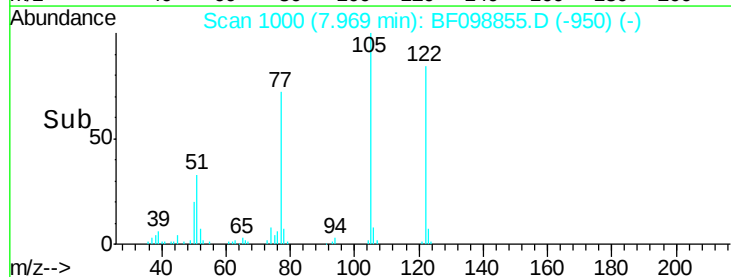
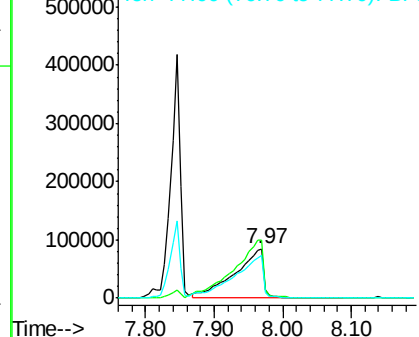


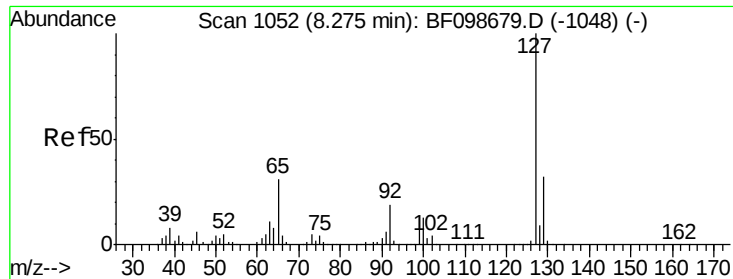
#32
Benzoic acid
Concen: 31.53 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:122 Resp: 248932
Ion Ratio Lower Upper
122 100
105 118.9 101.1 141.1
77 86.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

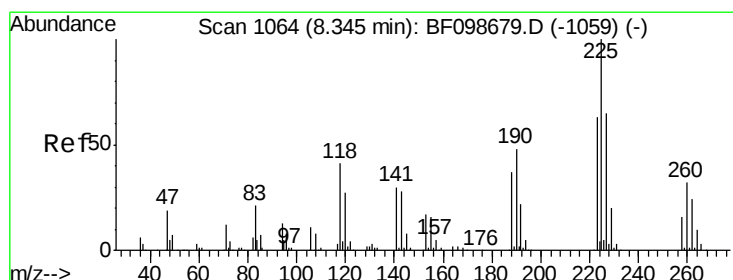
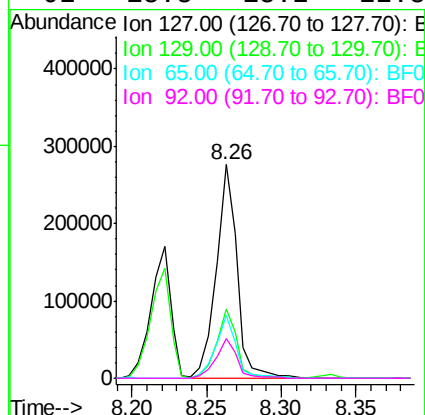
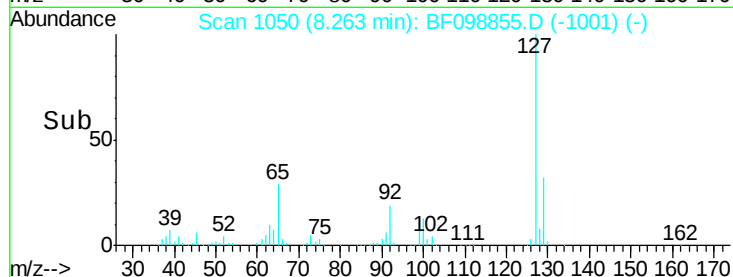
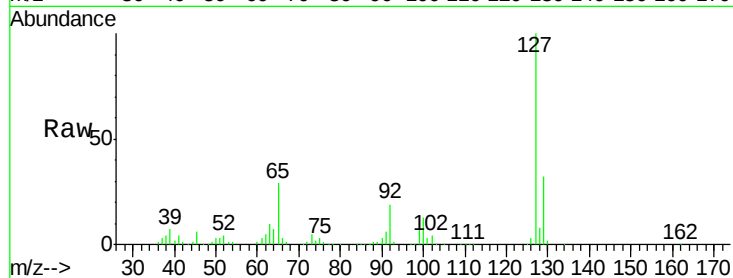




#33
4-Chloroaniline
Concen: 22.80 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

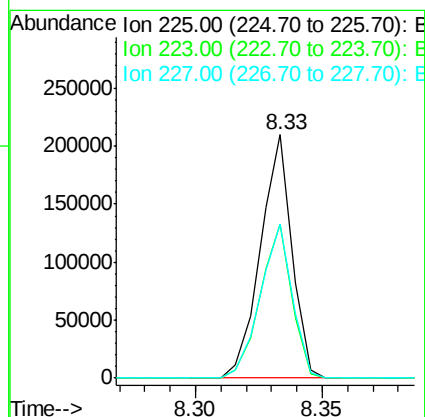
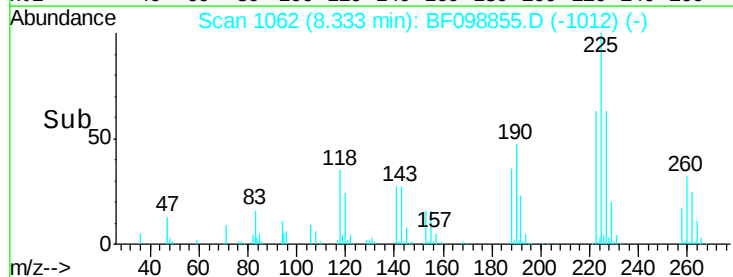
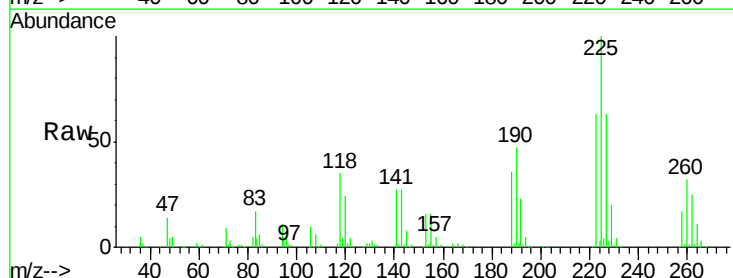
Instrument :
BNA_F
ClientSampleId :

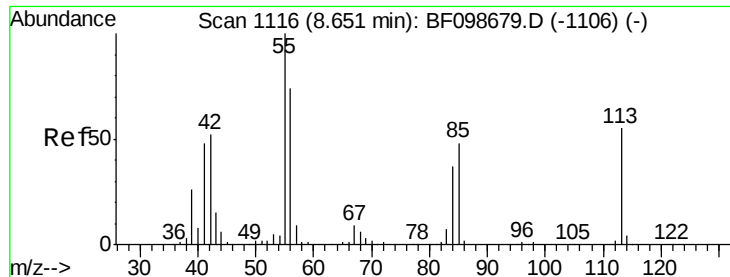
Tot Ion:	127	Resp:	267577
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.4	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:	225	Resp:	180383
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.3	51.9	77.9

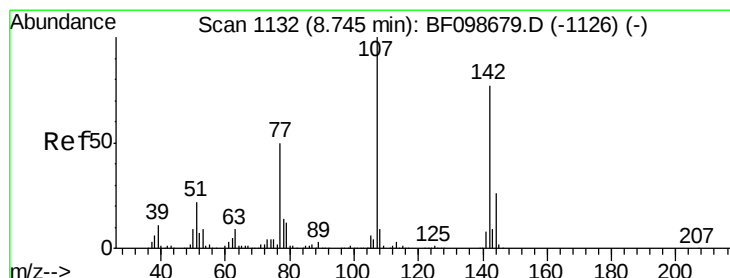
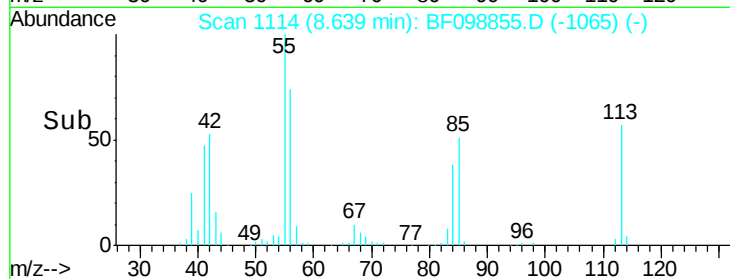
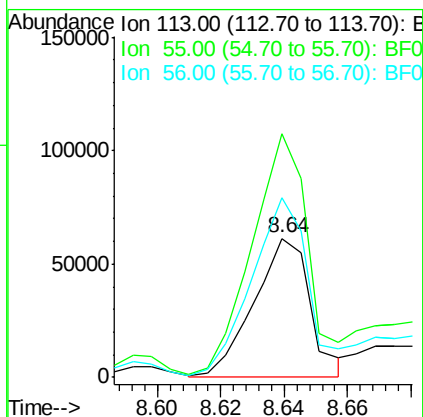
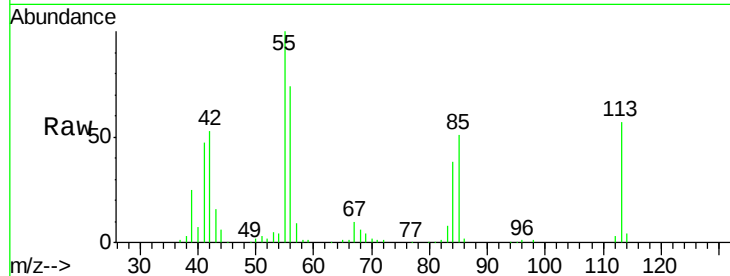




#35
Caprolactam
Concen: 28.71 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

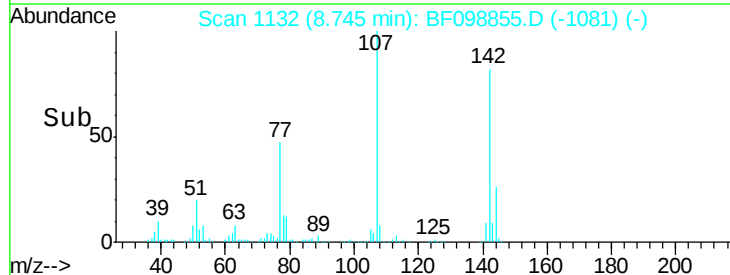
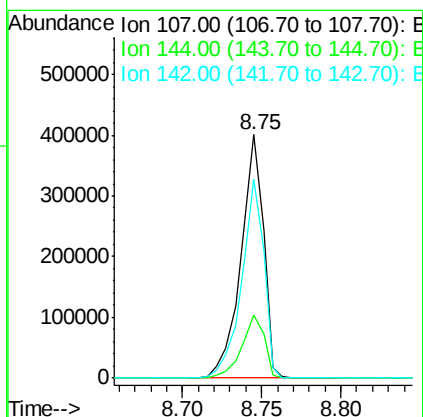
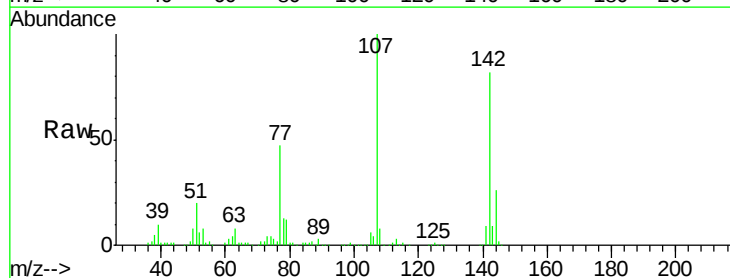
Instrument :
BNA_F
ClientSampleId :

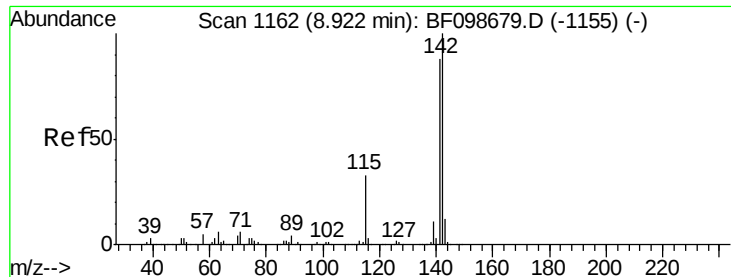
Tot Ion:113 Resp: 75995
Ion Ratio Lower Upper
113 100
55 175.2 163.3 203.3
56 128.8 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 42.47 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:107 Resp: 393968
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 81.6 62.0 93.0

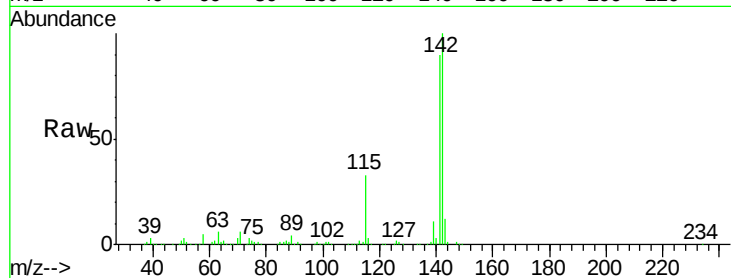




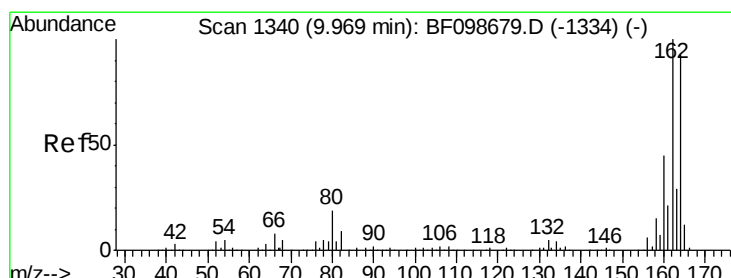
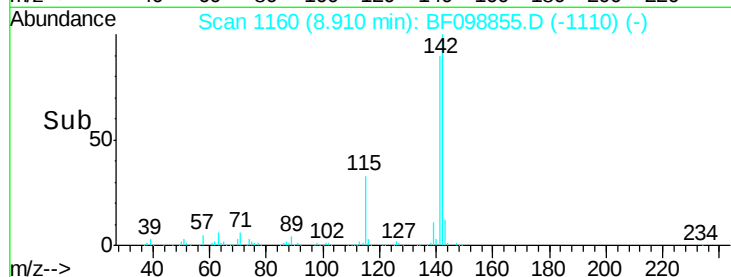
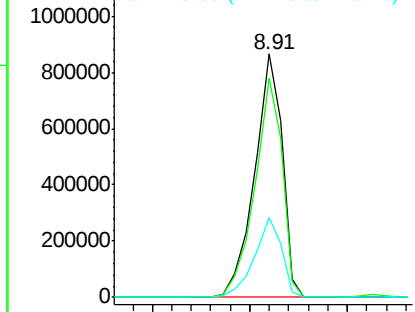
#37
2-Methylnaphthalene
Concen: 46.46 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.6	26.1	39.1

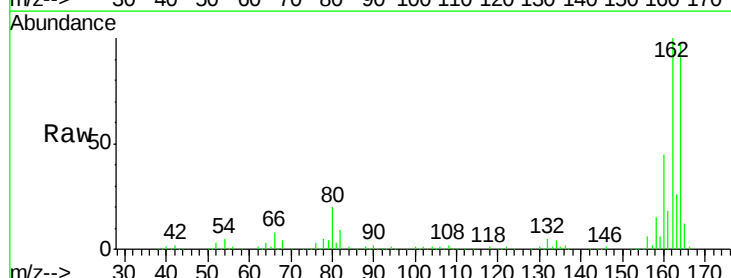


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

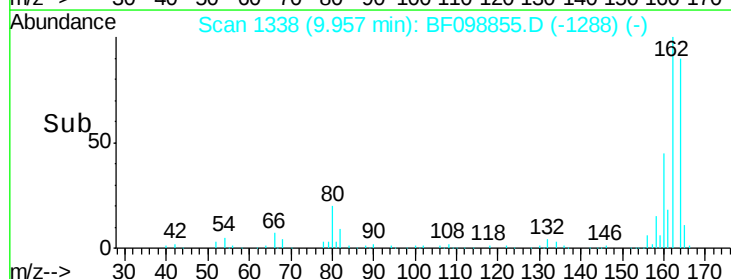
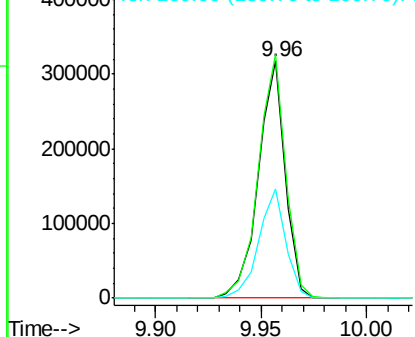


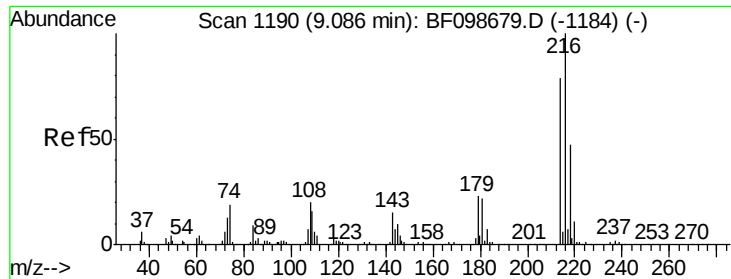
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

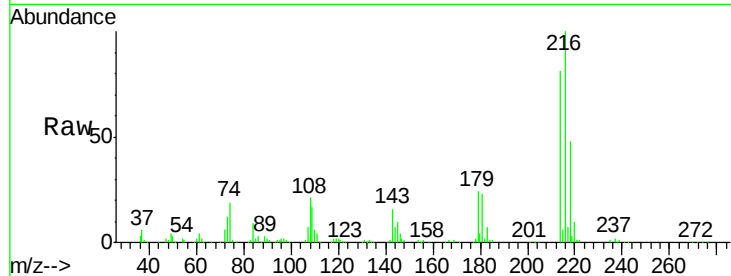




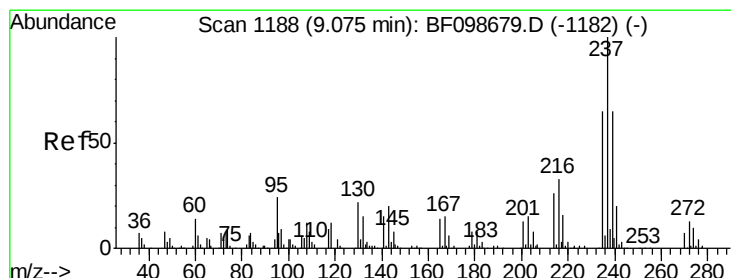
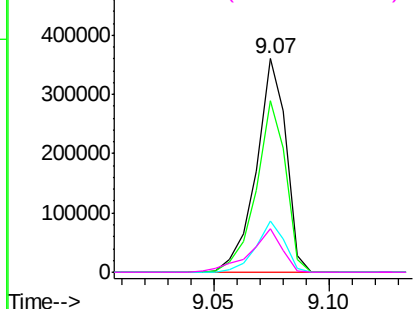
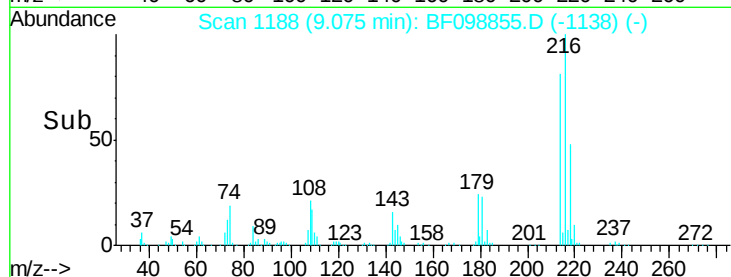
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.74 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	325045
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	23.0	18.1 27.1
108	22.1	17.2 25.8

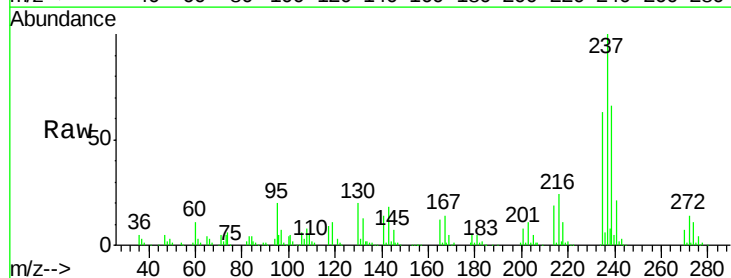


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

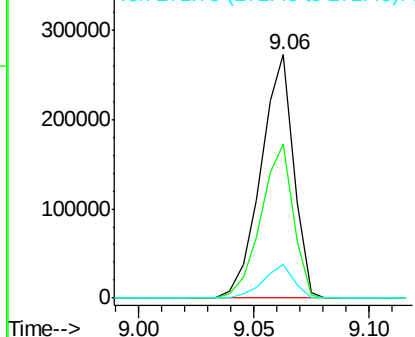
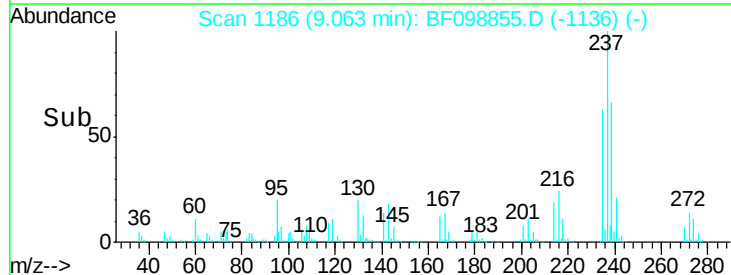


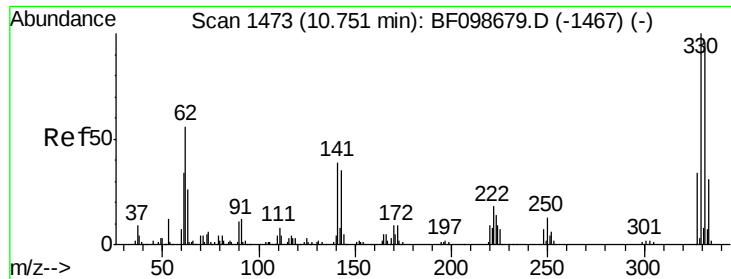
#40
 Hexachlorocyclopentadiene
 Concen: 70.10 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:237	Resp:	268763
Ion Ratio	Lower	Upper
237	100	
235	63.1	44.8 84.8
272	13.7	0.0 33.3



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

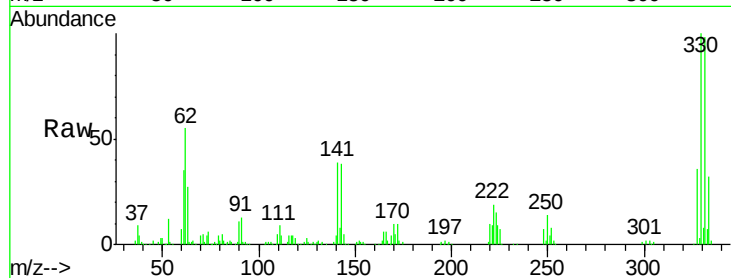




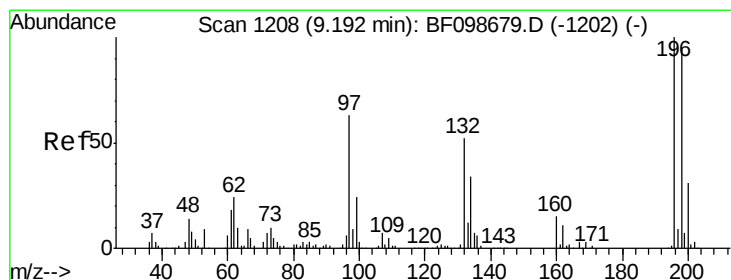
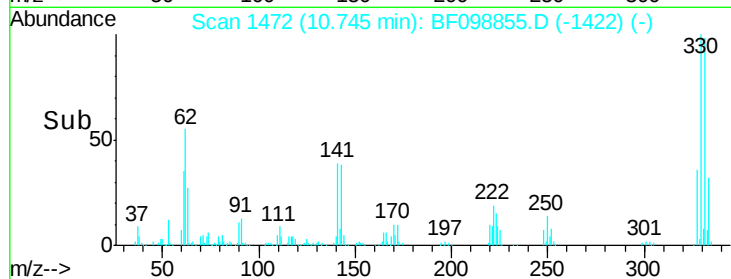
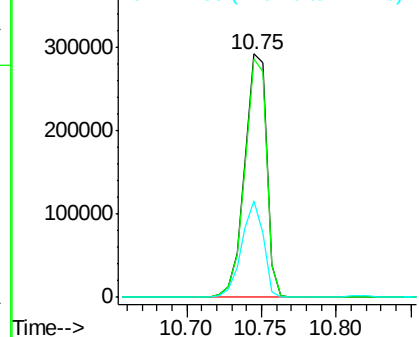
#41
 2,4,6-Tribromophenol
 Concen: 130.14 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.2	29.9	44.9

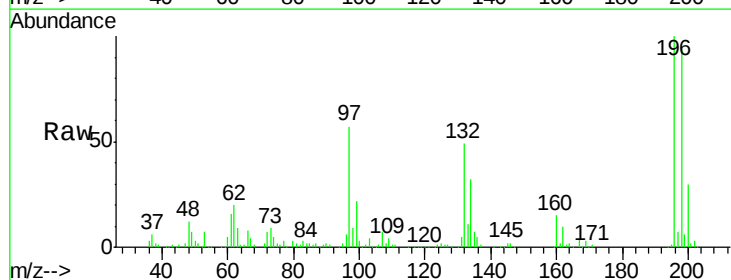


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

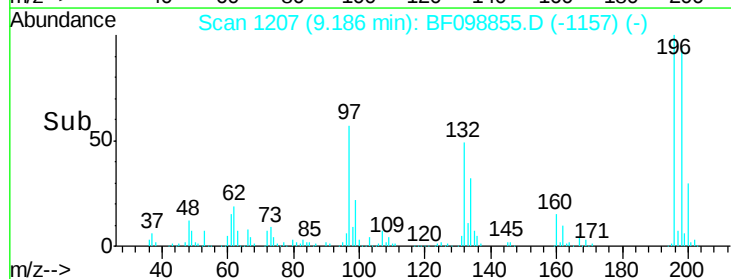
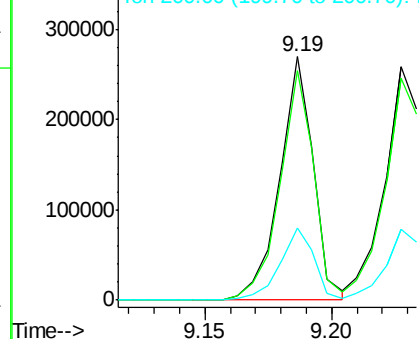


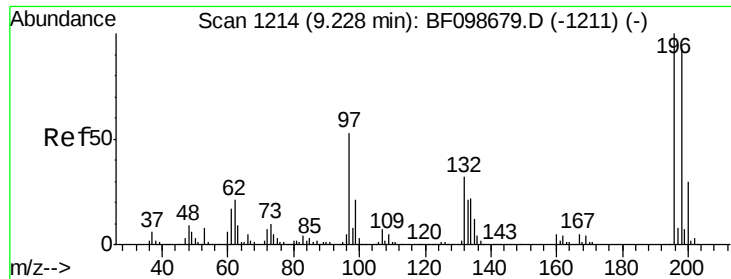
#42
 2,4,6-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	29.7	24.5	36.7



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

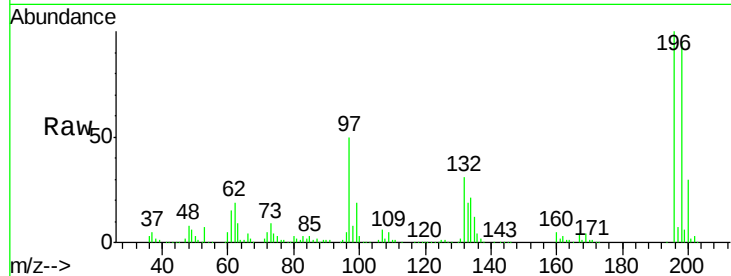




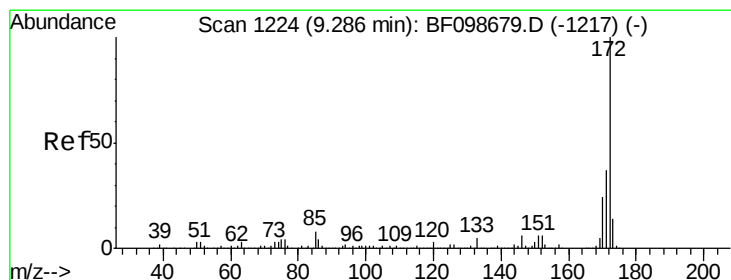
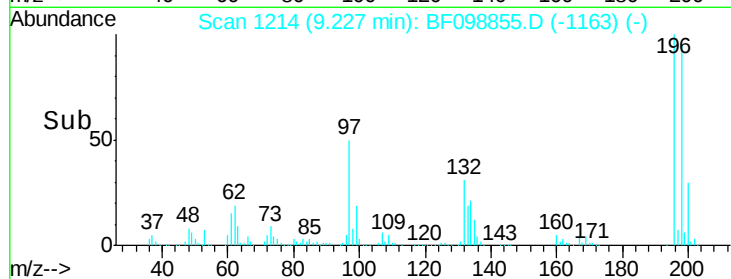
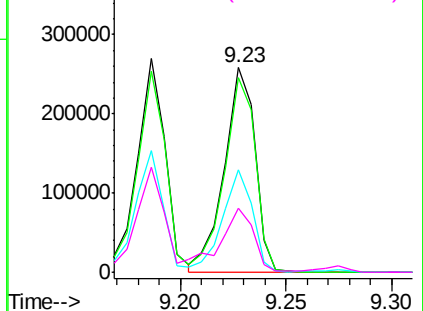
#43
 2,4,5-Trichlorophenol
 Concen: 43.81 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	259895
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	50.2	42.9	64.3
132	31.3	26.3	39.5

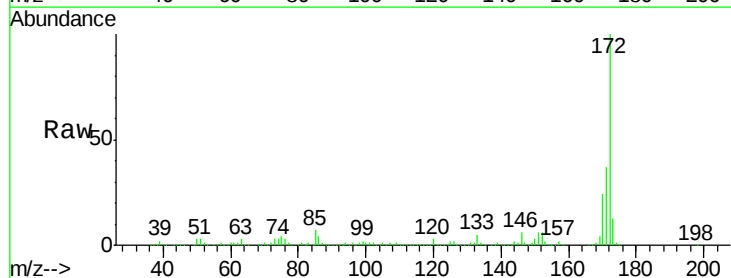


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

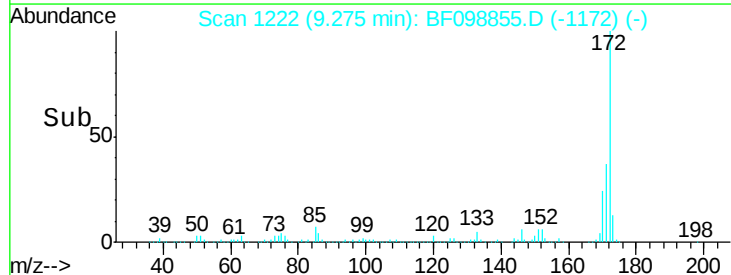
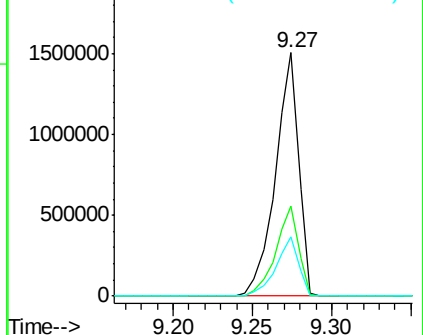


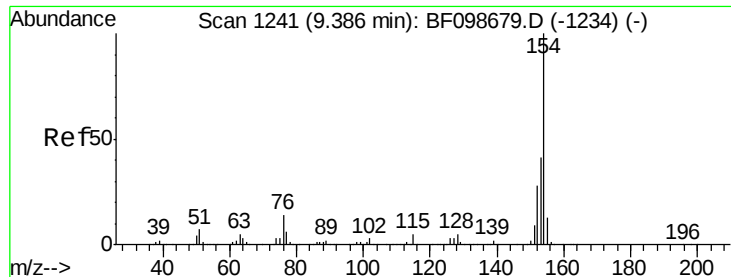
#44
 2-Fluorobiphenyl
 Concen: 90.68 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:	172	Resp:	1528022
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



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

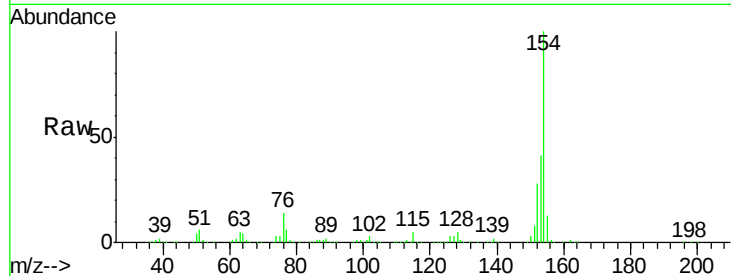




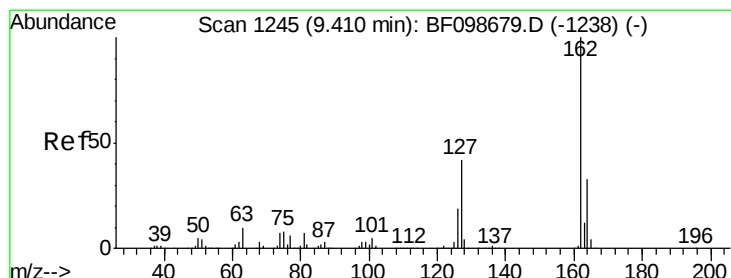
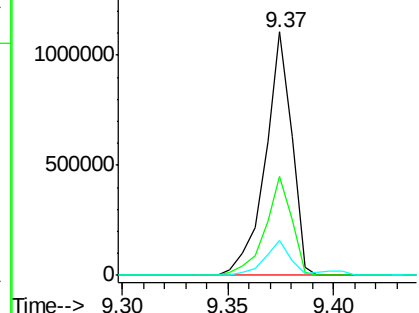
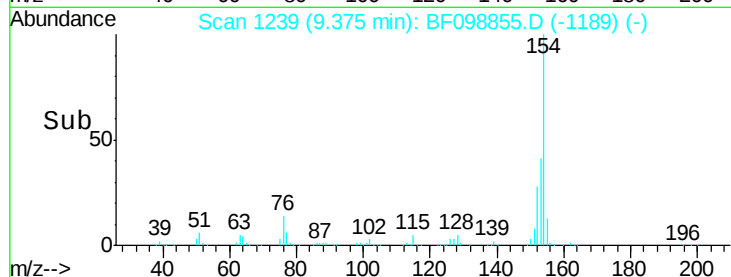
#45
 1,1'-Biphenyl
 Concen: 39.89 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.2	0.0	34.0

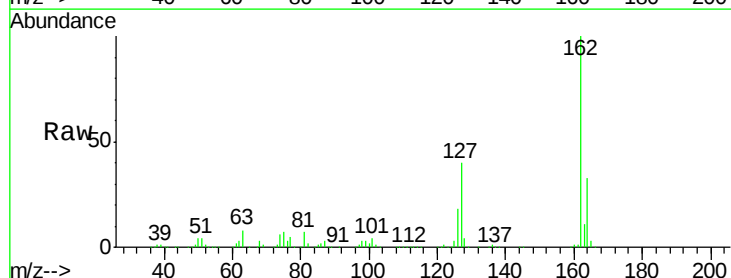


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

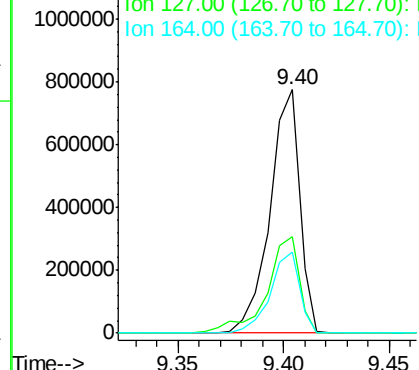
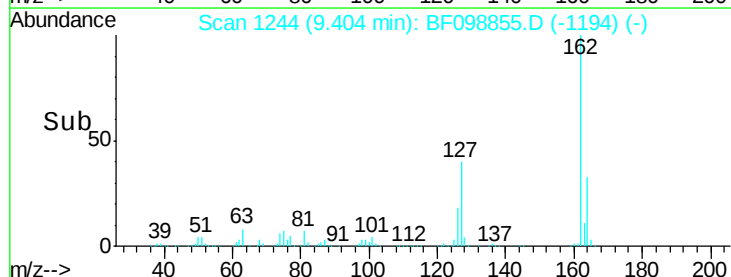


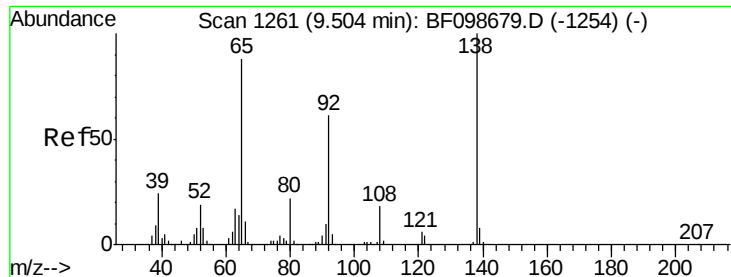
#46
 2-Chloronaphthalene
 Concen: 42.01 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	33.4	26.5	39.7



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





#47

2-Nitroaniline

Concen: 43.75 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

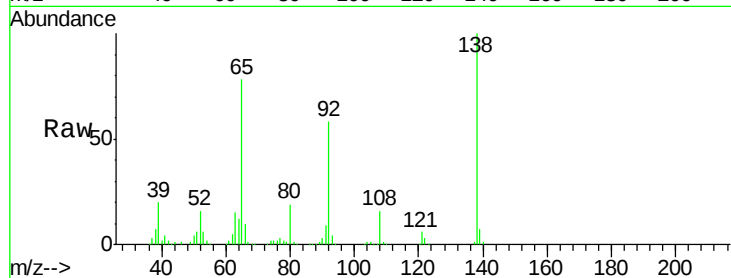
Tot Ion: 65 Resp: 243147

Ion Ratio Lower Upper

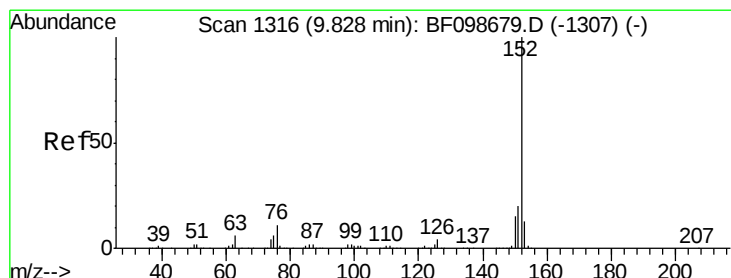
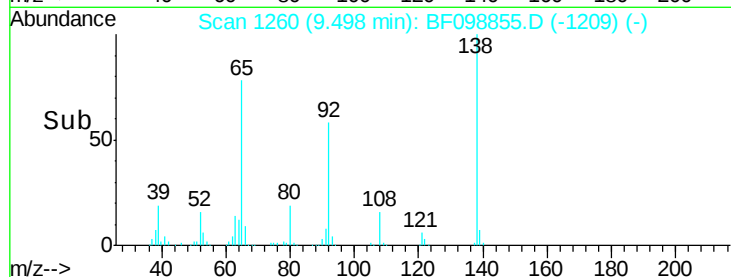
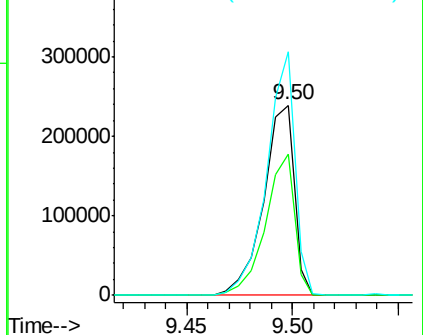
65 100

92 74.1 55.8 83.6

138 127.8 91.2 136.8



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



#48

Acenaphthylene

Concen: 42.04 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

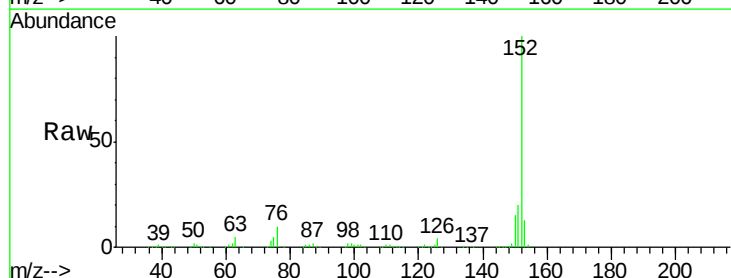
Tgt Ion: 152 Resp: 1168143

Ion Ratio Lower Upper

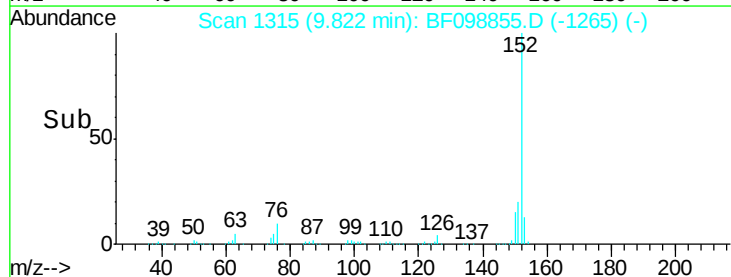
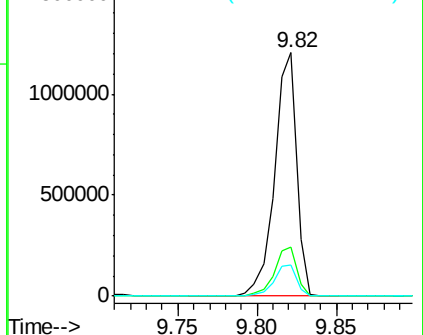
152 100

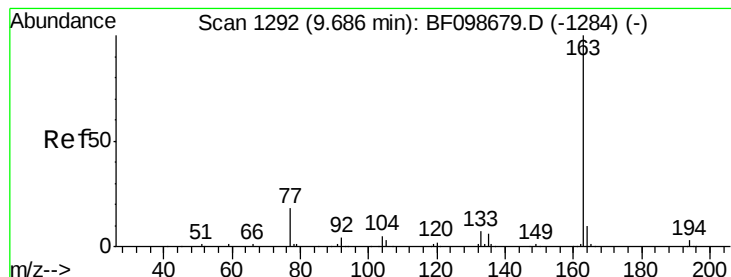
151 20.4 16.3 24.5

153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 43.68 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

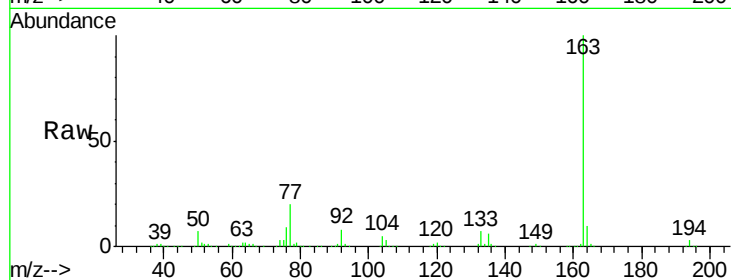
Tot Ion:163 Resp: 927365

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

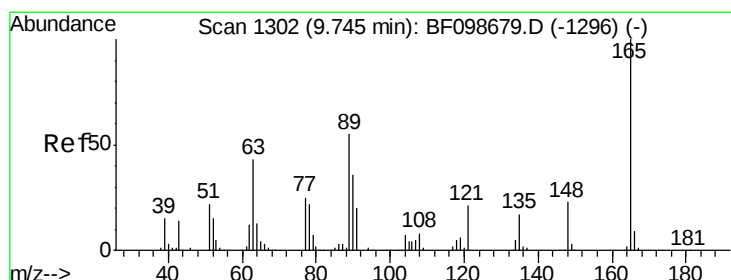
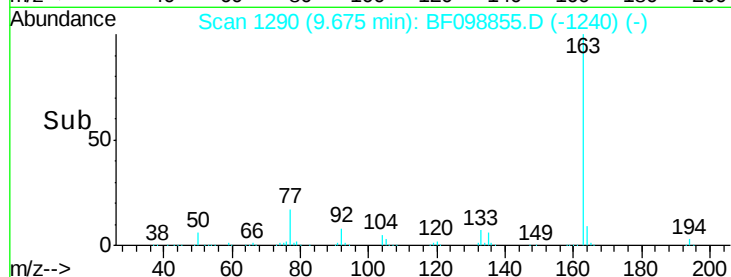
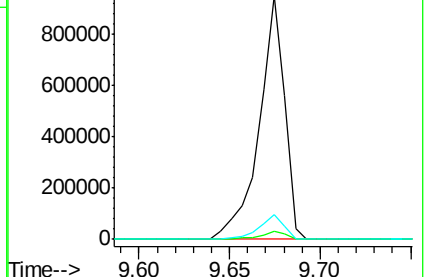
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.71 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

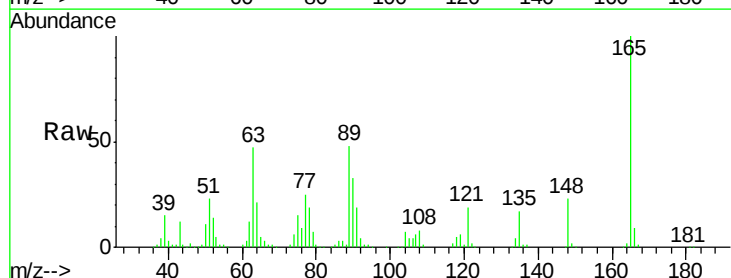
Tgt Ion:165 Resp: 206677

Ion Ratio Lower Upper

165 100

63 46.7 44.7 67.1

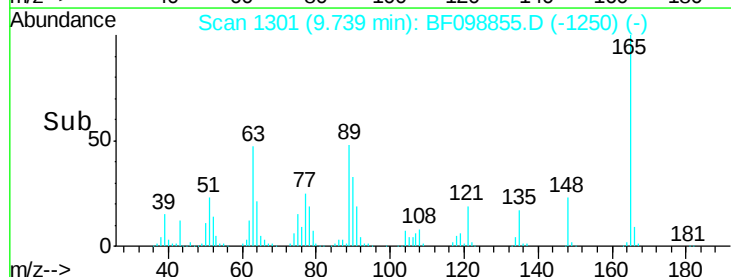
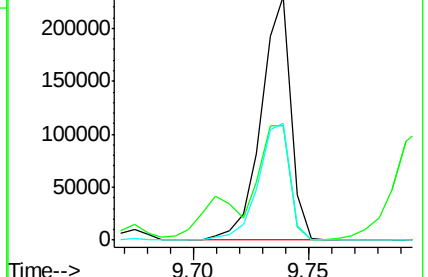
89 48.1 44.0 66.0

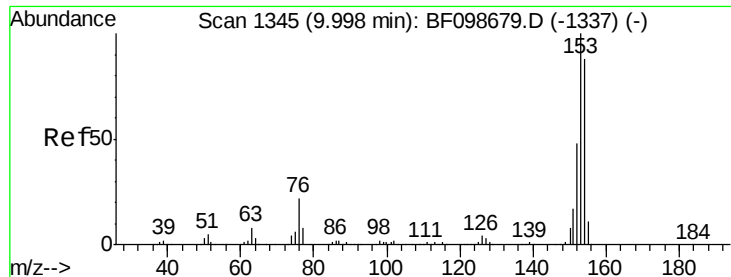


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.02 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

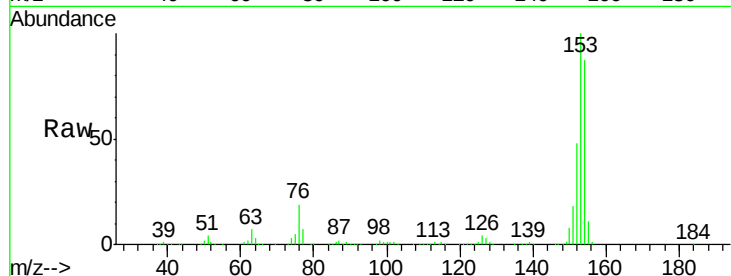
Tot Ion:154 Resp: 739721

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

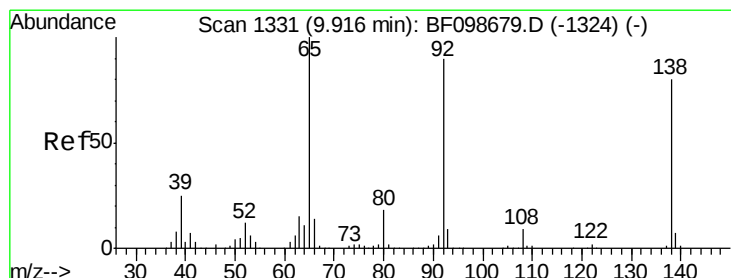
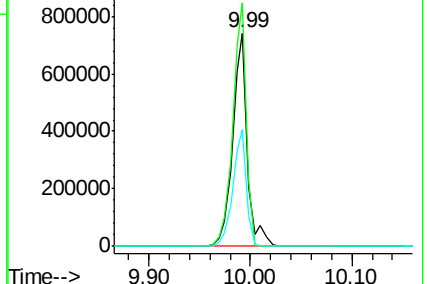
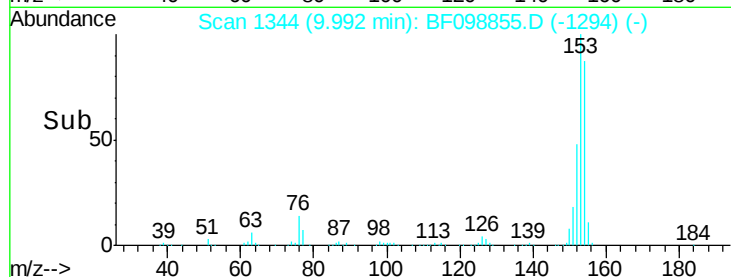
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.76 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

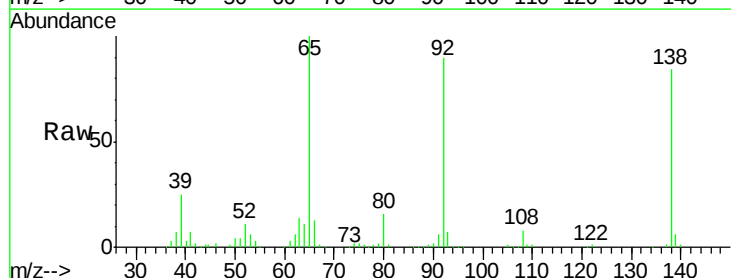
Tgt Ion:138 Resp: 155013

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

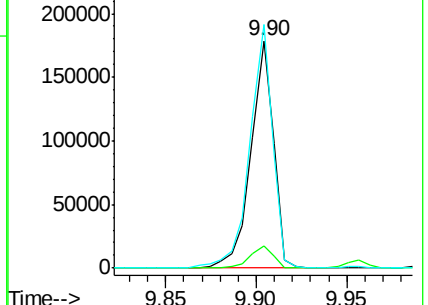
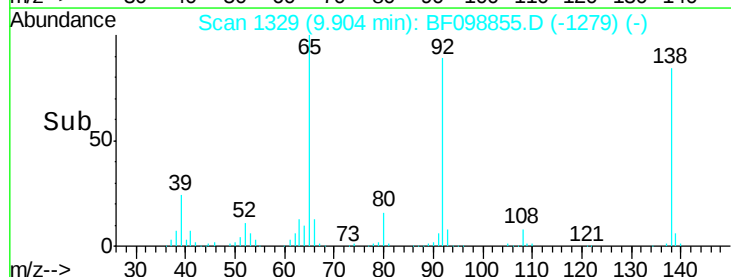
92 107.2 89.4 134.2

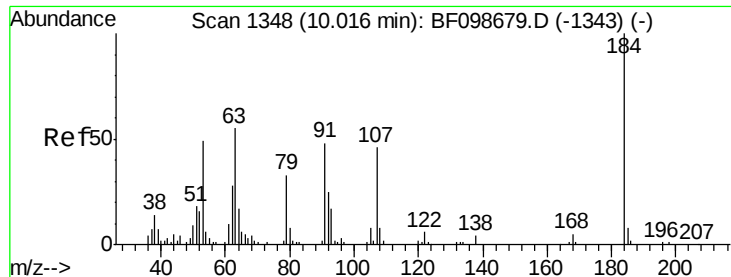


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

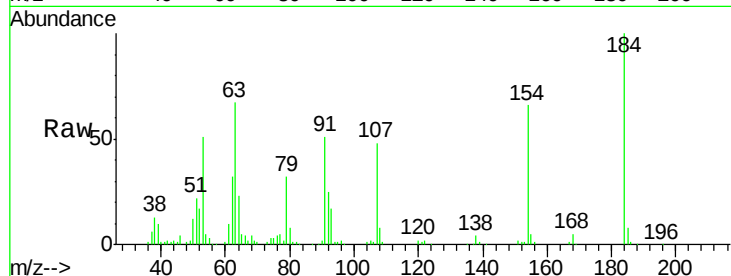




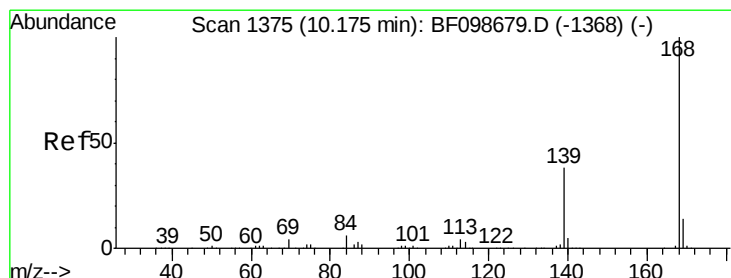
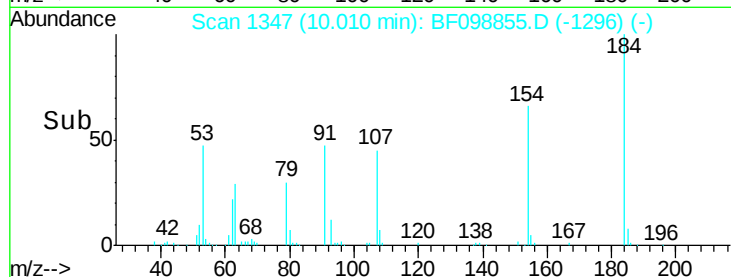
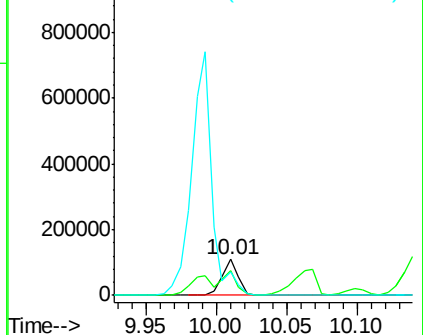
#53
2,4-Dinitrophenol
Concen: 39.48 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 87348
Ion Ratio Lower Upper
184 100
63 67.2 54.2 81.2
154 66.2 53.5 80.3

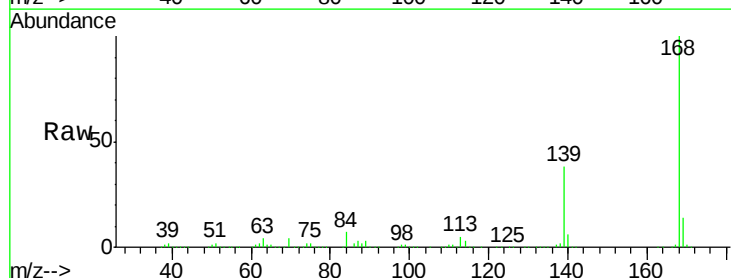


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

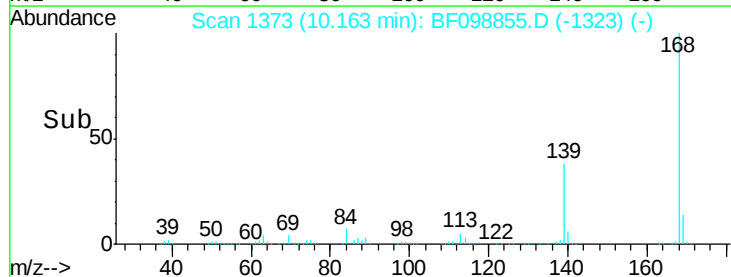
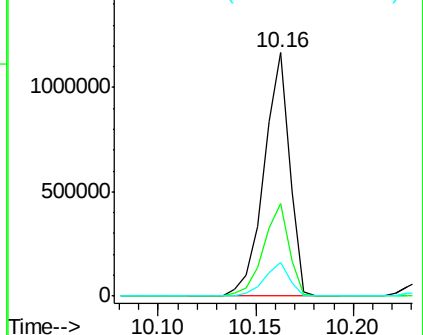


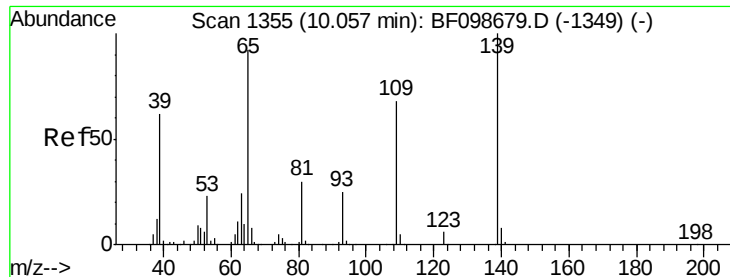
#54
Dibenzofuran
Concen: 45.07 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:168 Resp: 1056268
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.6 10.9 16.3



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

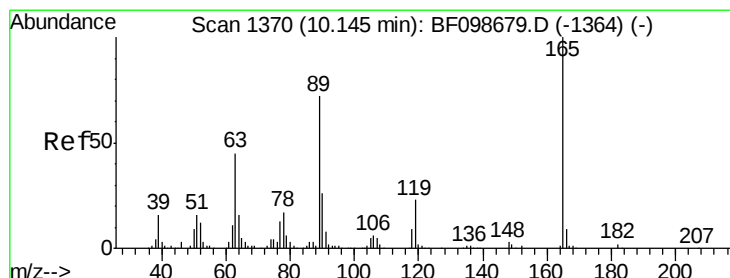
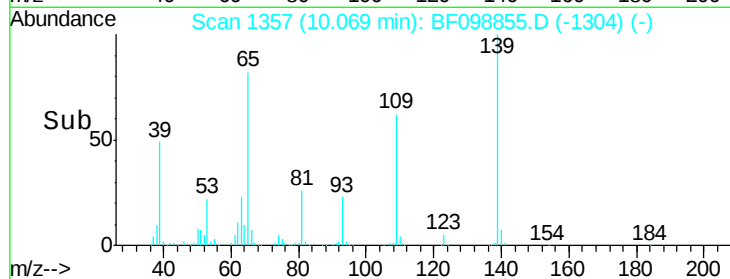
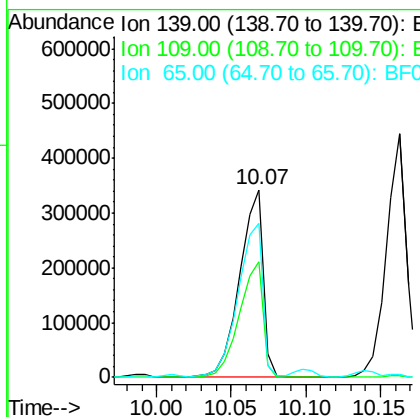
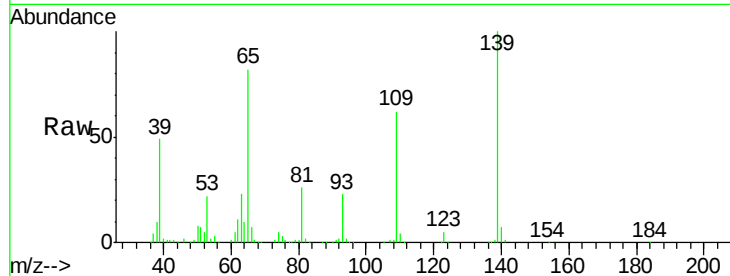




#55
4-Nitrophenol
Concen: 82.40 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

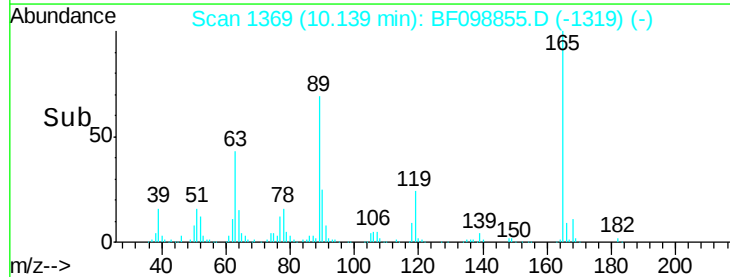
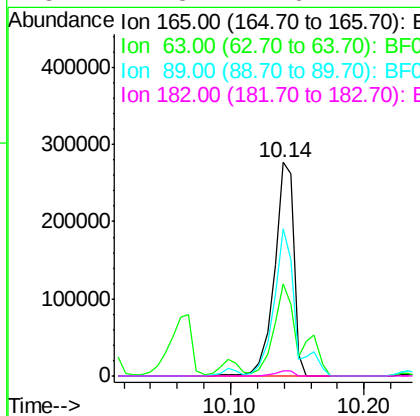
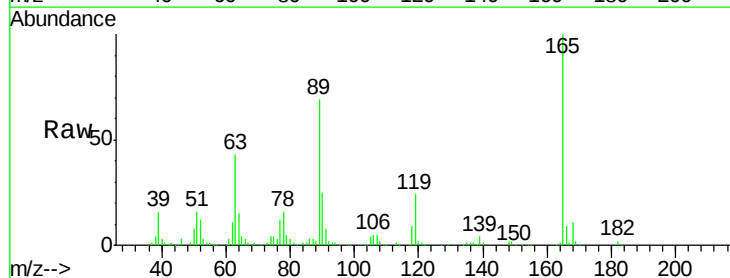
Instrument :
BNA_F
ClientSampled :

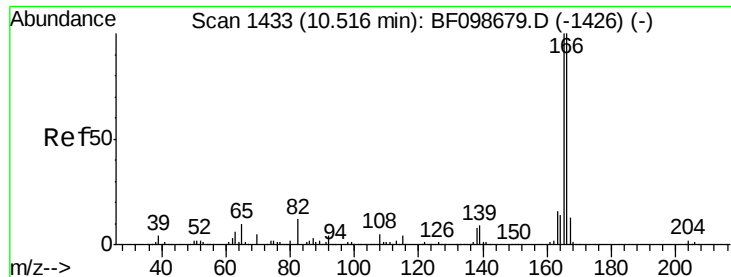
Tot Ion:139 Resp: 375525
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 82.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.80 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:165 Resp: 280739
Ion Ratio Lower Upper
165 100
63 43.2 36.4 54.6
89 69.2 57.8 86.6
182 2.3 1.6 2.4

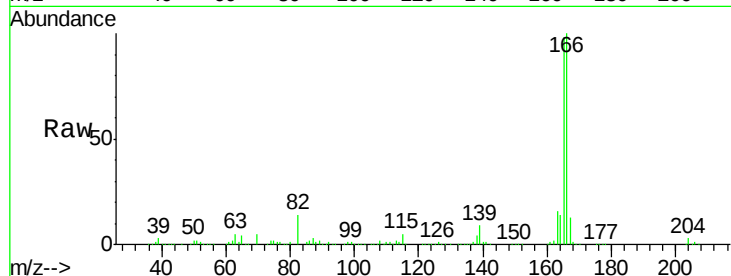




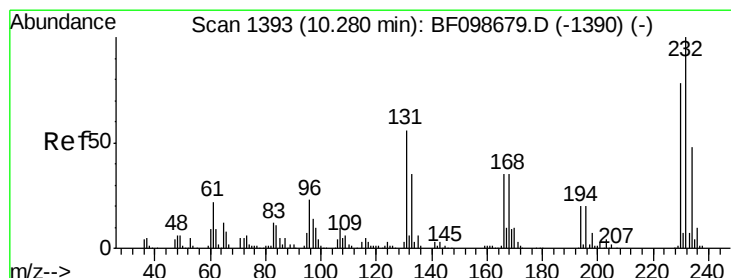
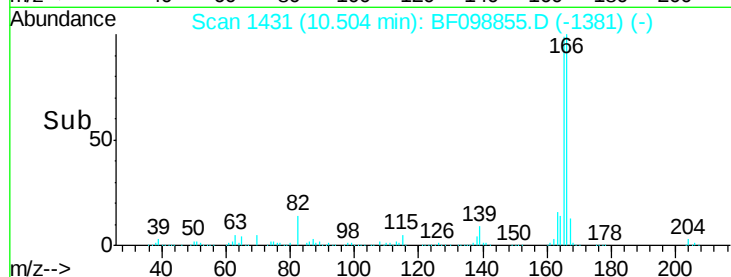
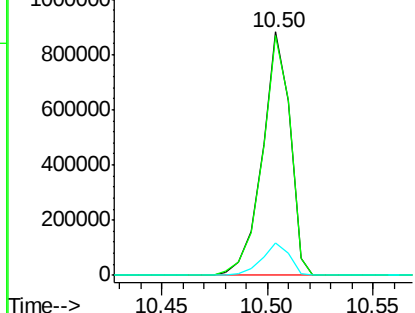
#57
 Fluorene
 Concen: 42.49 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 800478
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.5 10.6 16.0

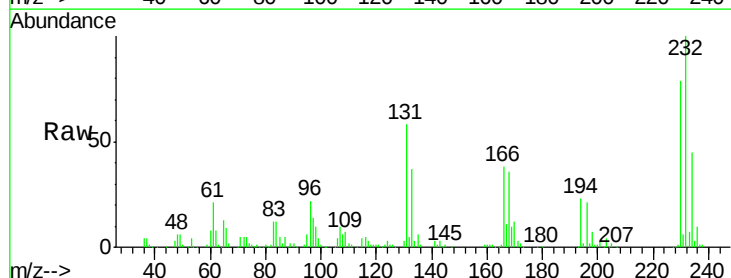


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

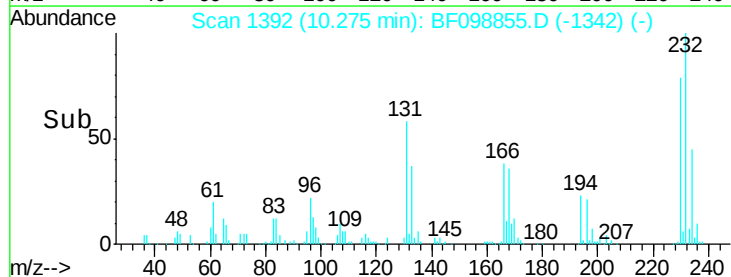
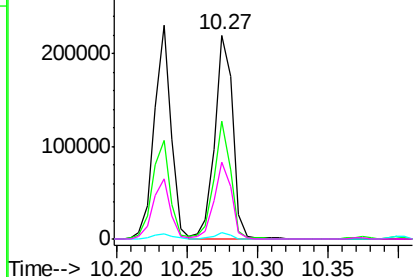


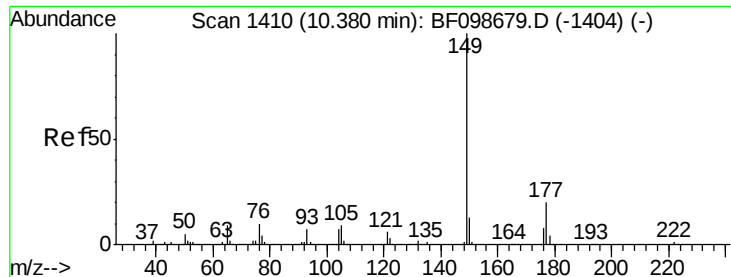
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.81 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:232 Resp: 195960
 Ion Ratio Lower Upper
 232 100
 131 53.6 43.8 65.8
 130 2.7 2.1 3.1
 166 36.4 27.8 41.6



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

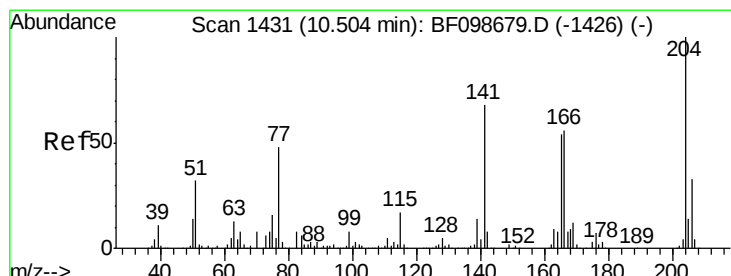
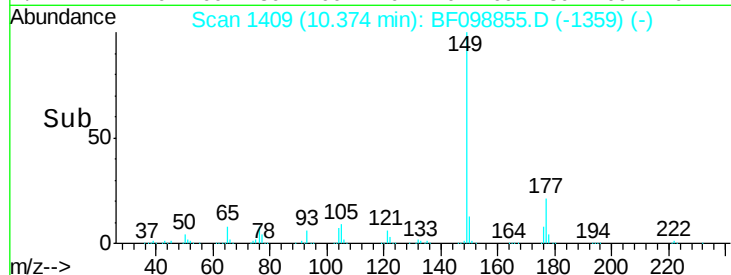
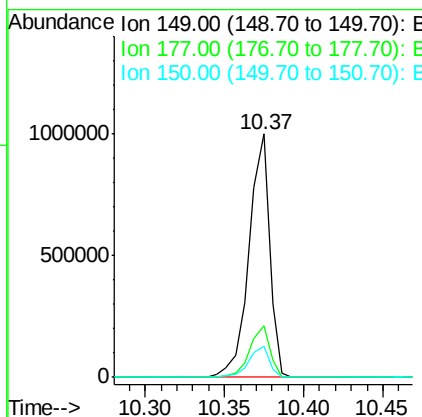
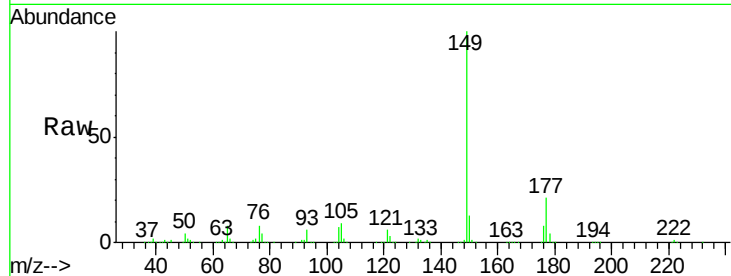




#59
Diethylphthalate
Concen: 43.32 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

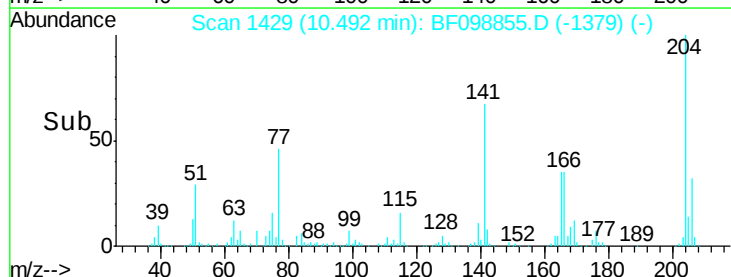
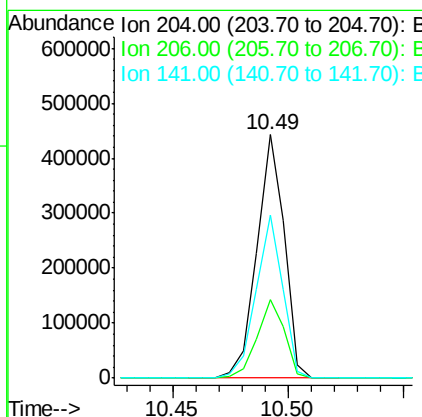
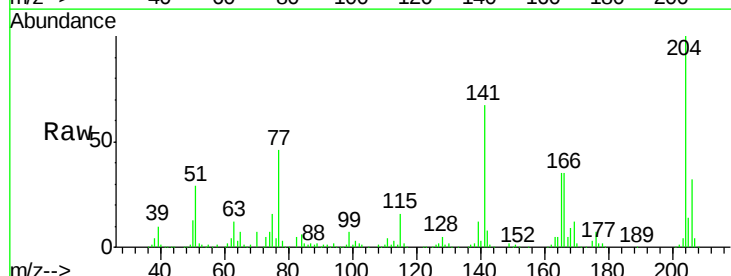
Instrument :
BNA_F
ClientSampleID :

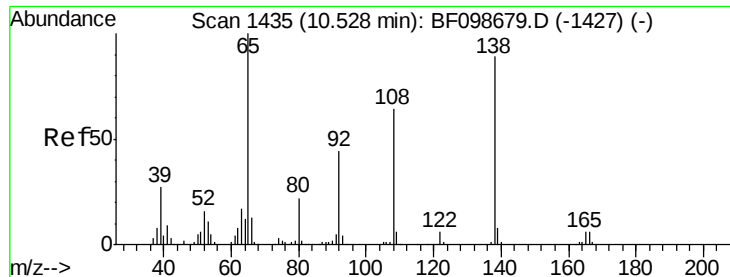
Tot Ion:149 Resp: 898690
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.51 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:204 Resp: 368144
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 67.1 54.6 81.8





#61

4-Nitroaniline

Concen: 40.24 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

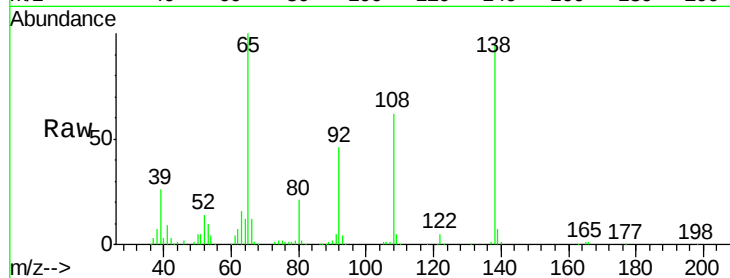
Tot Ion:138 Resp: 209217

Ion Ratio Lower Upper

138 100

92 48.5 30.2 70.2

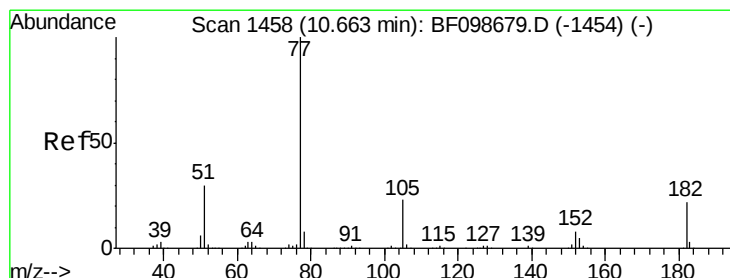
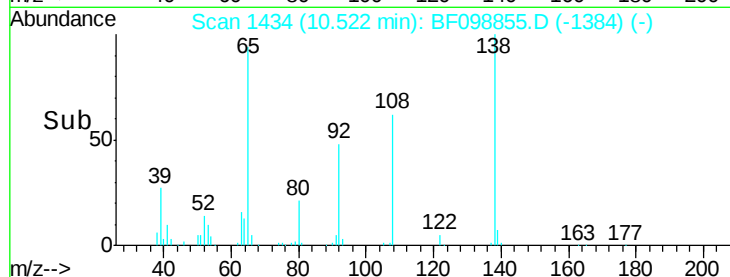
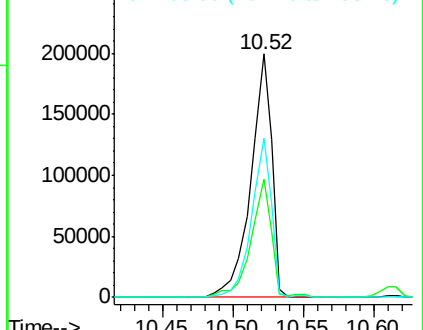
108 65.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.04 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion: 77 Resp: 859158

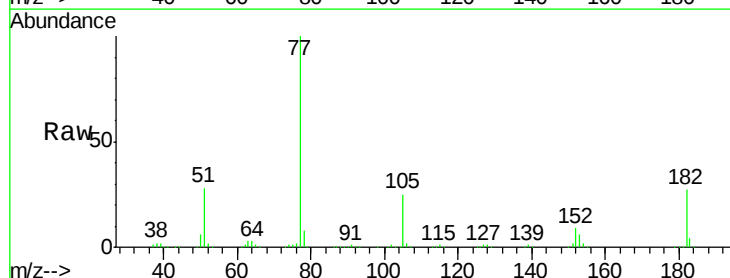
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 24.9 3.0 43.0

51 27.9 9.9 49.9

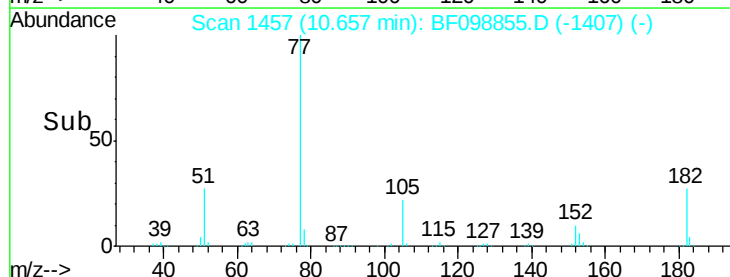
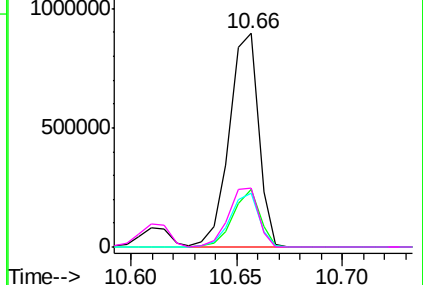


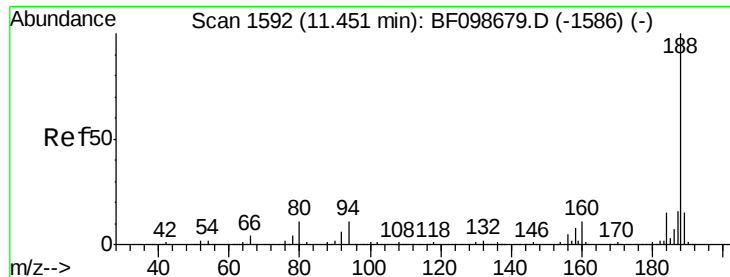
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

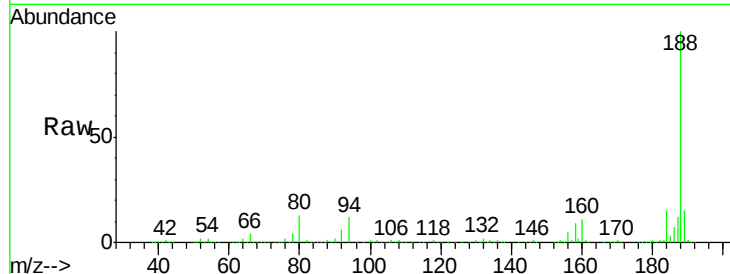




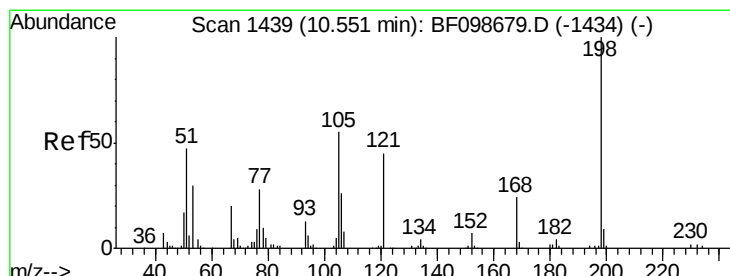
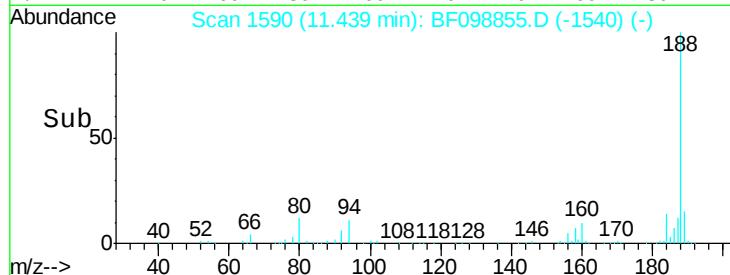
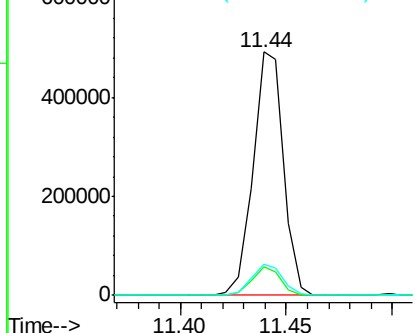
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 490883
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.9 9.2 13.8

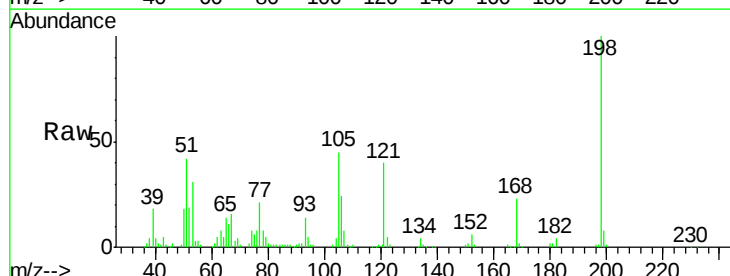


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

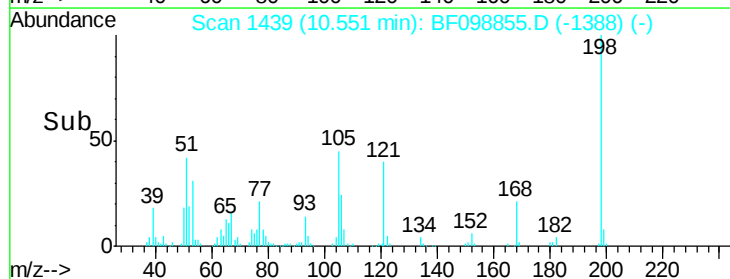
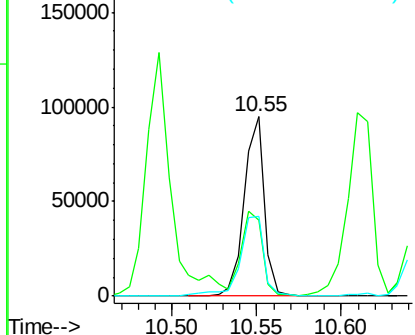


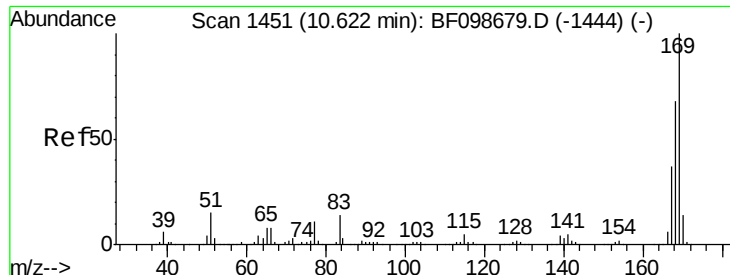
#64
4,6-Dinitro-2-methylphenol
Concen: 26.50 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:198 Resp: 79142
Ion Ratio Lower Upper
198 100
51 42.1 37.7 77.7
105 44.6 36.3 76.3



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

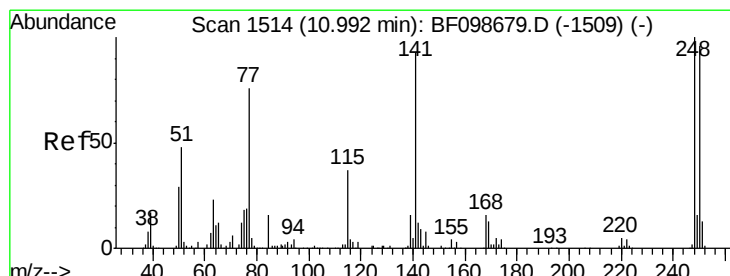
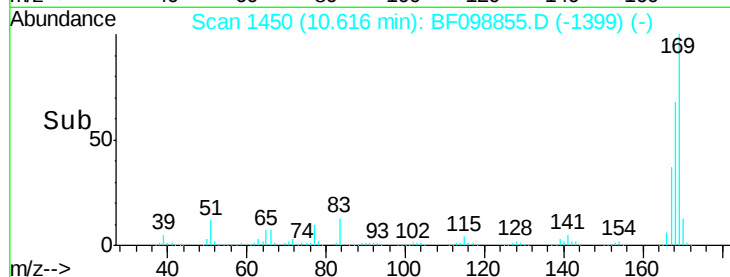
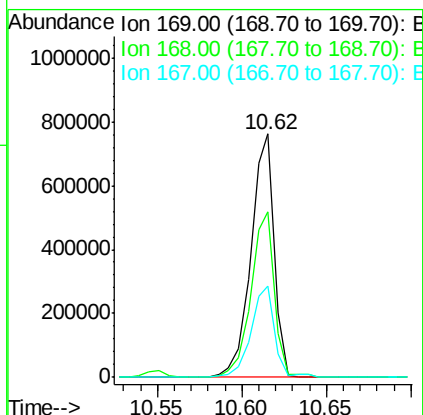
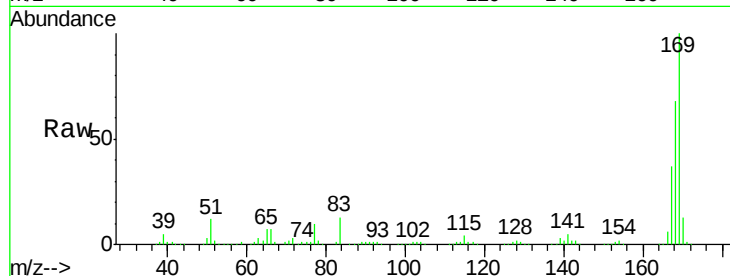




#65
 n-Nitrosodiphenylamine
 Concen: 43.14 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

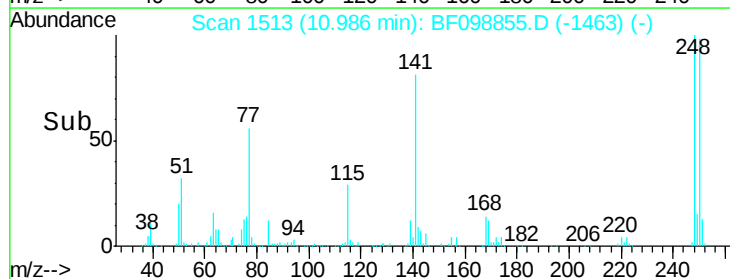
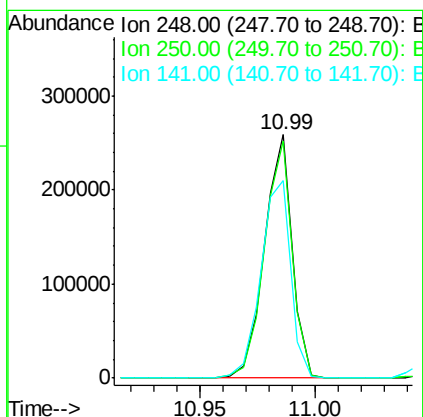
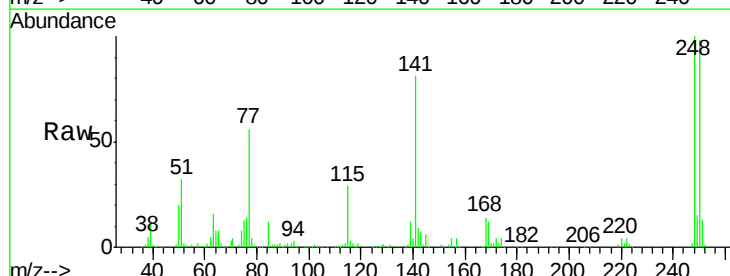
Instrument :
 BNA_F
 ClientSampled :

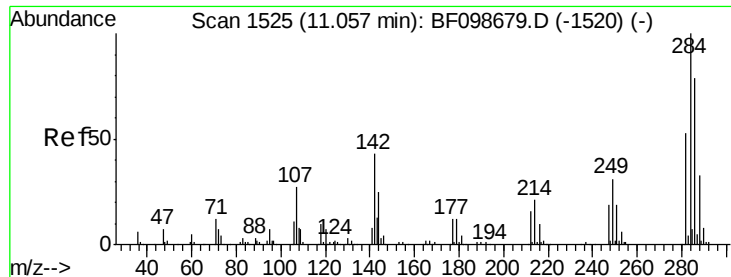
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	37.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.95 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	80.9	74.4	111.6

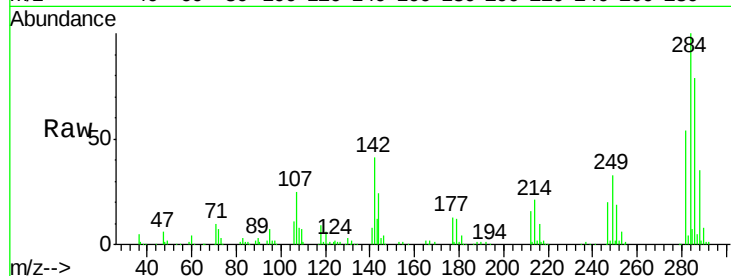




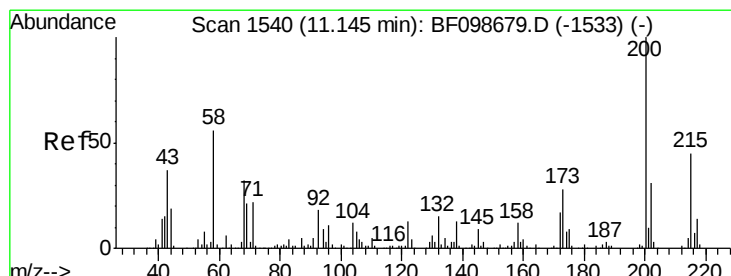
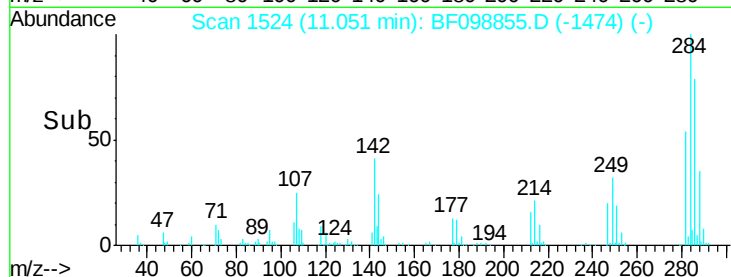
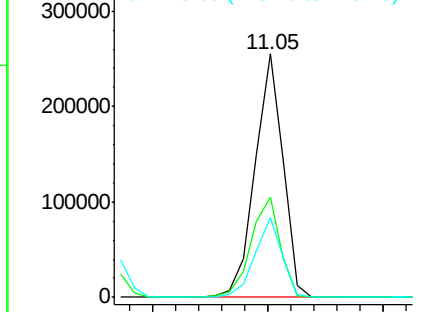
#67
Hexachlorobenzene
Concen: 41.94 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 215225
Ion Ratio Lower Upper
284 100
142 41.2 34.6 52.0
249 32.6 24.8 37.2

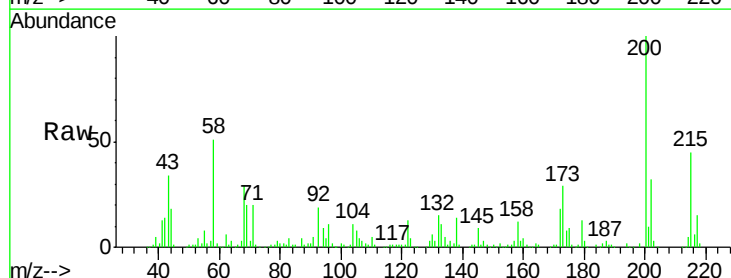


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

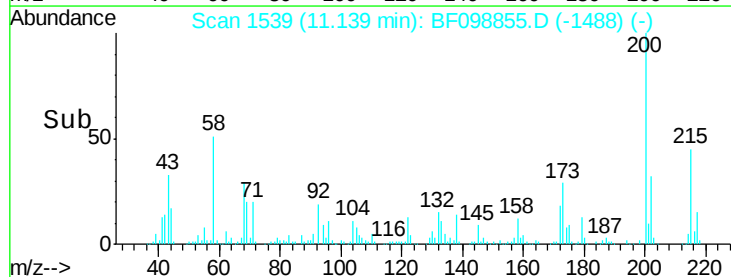
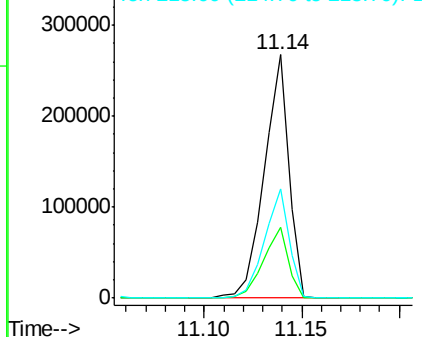


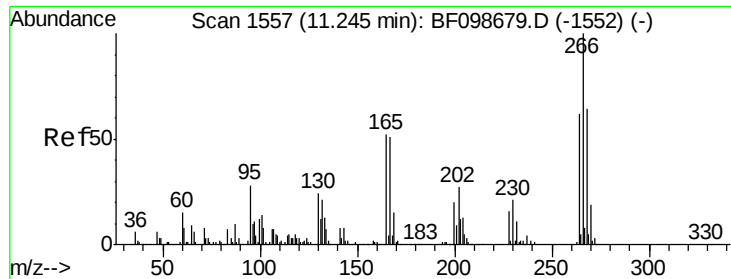
#68
Atrazine
Concen: 45.64 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:200 Resp: 233499
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 45.1 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 70.36 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

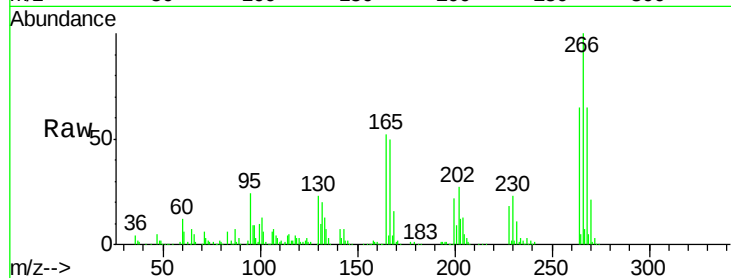
Tot Ion:266 Resp: 224717

Ion Ratio Lower Upper

266 100

268 65.5 51.1 76.7

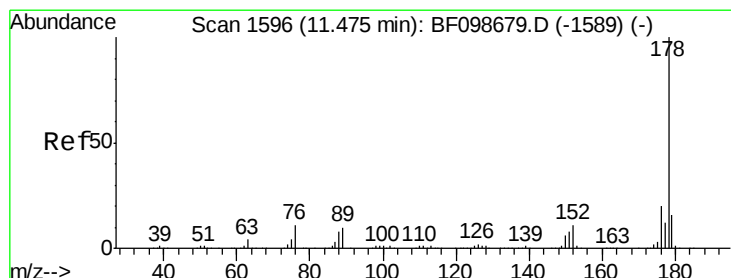
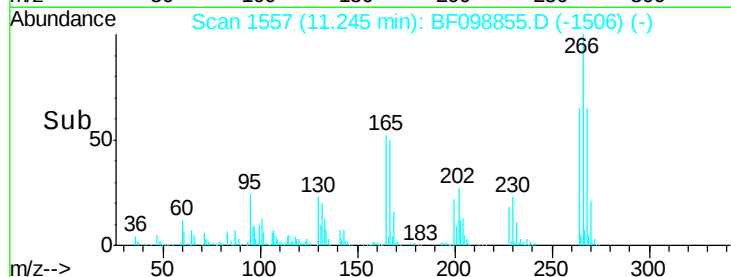
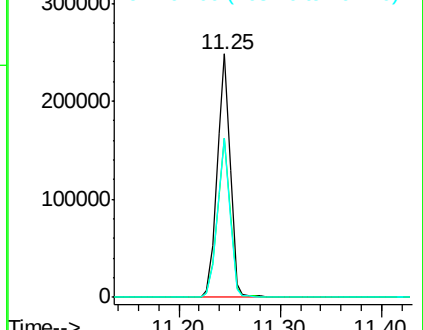
264 65.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.17 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

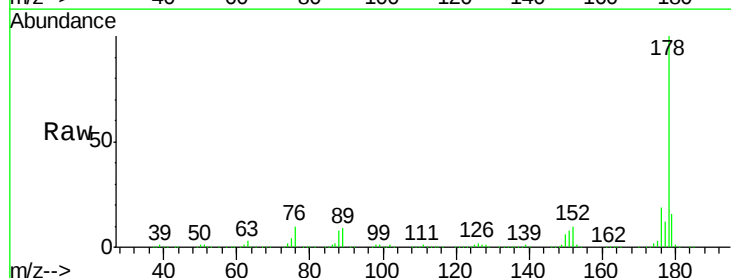
Tgt Ion:178 Resp: 1160598

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

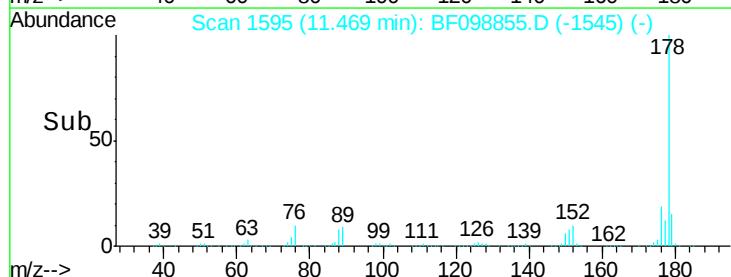
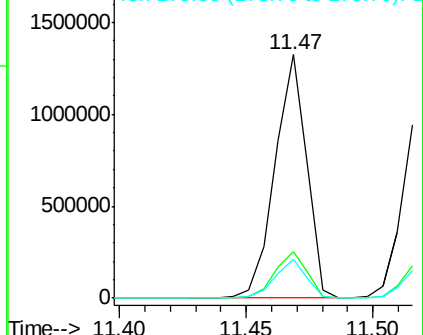
179 15.8 13.0 19.6

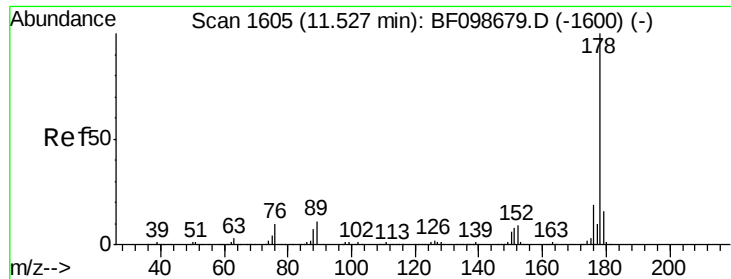


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

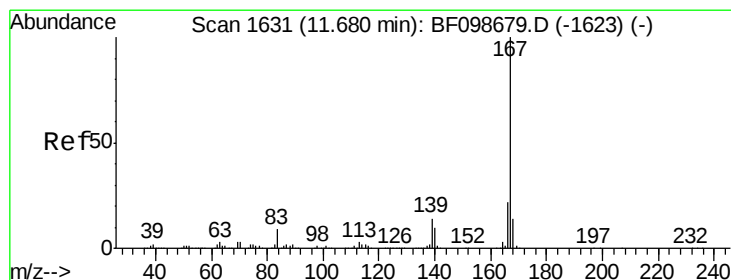
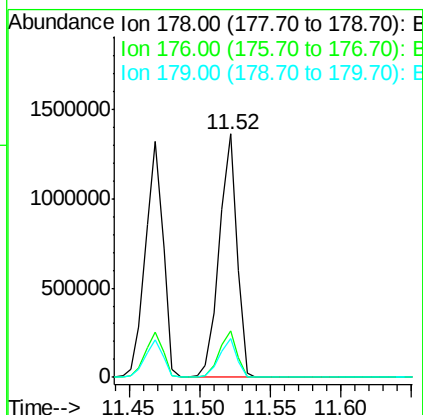
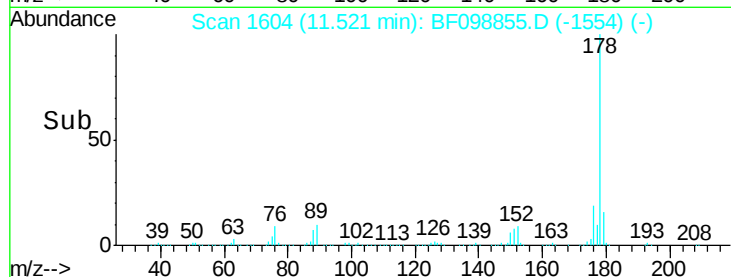
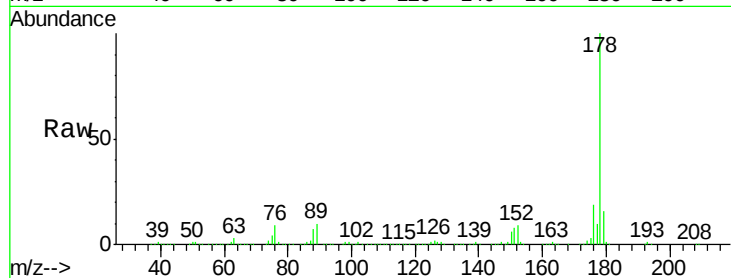




#71
 Anthracene
 Concen: 44.31 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

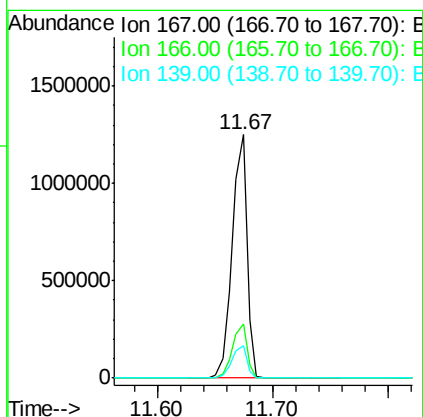
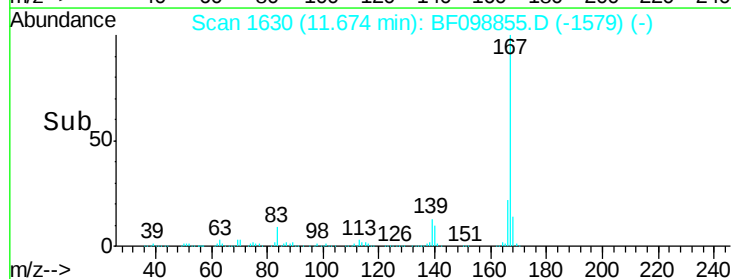
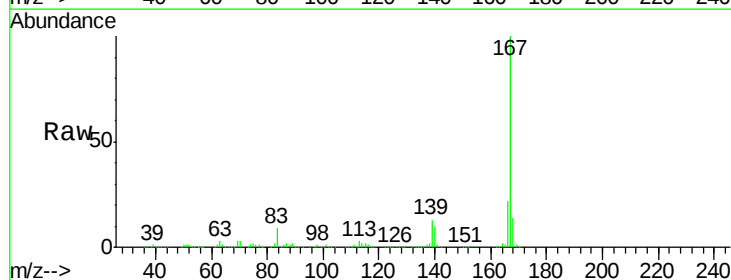
Instrument :
 BNA_F
 ClientSampleId :

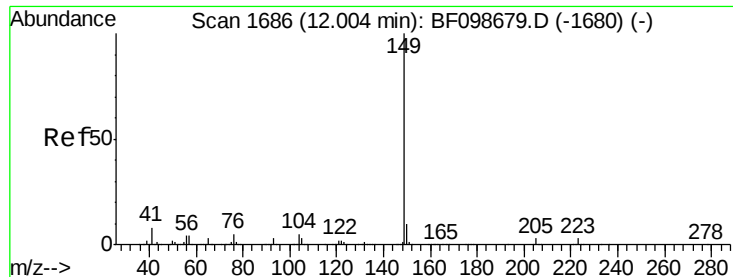
Tot Ion:178 Resp: 1191168
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 42.32 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:167 Resp: 1114261
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.66 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

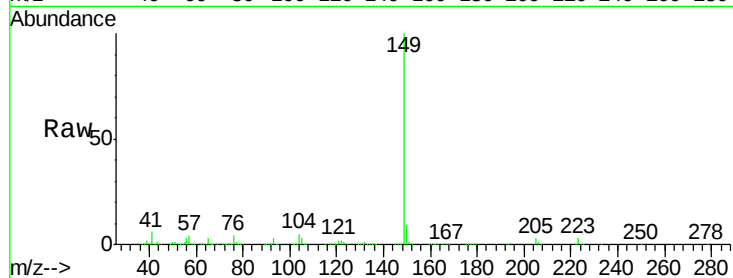
Tot Ion:149 Resp: 1415389

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

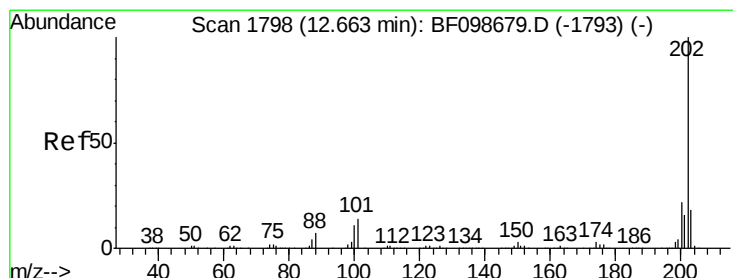
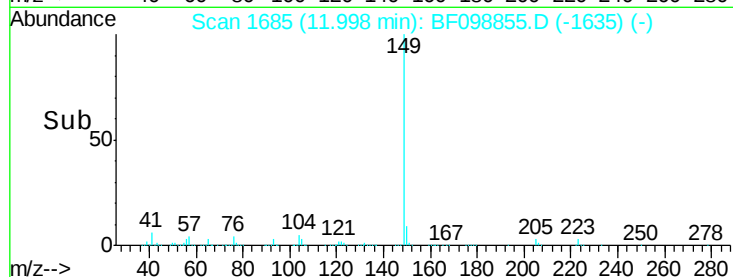
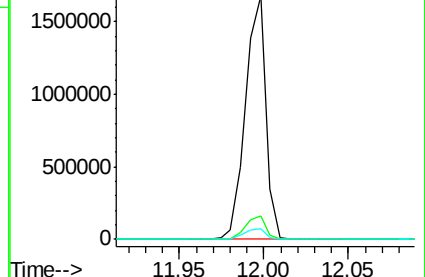
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.35 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

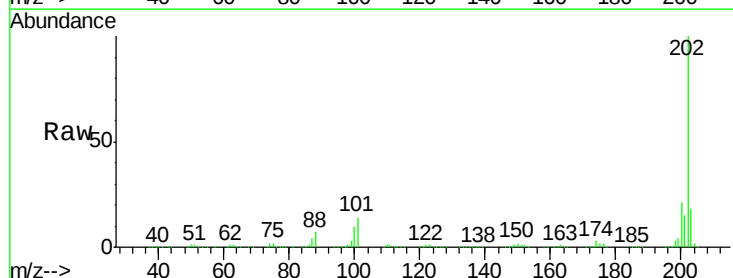
Tgt Ion:202 Resp: 1126903

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

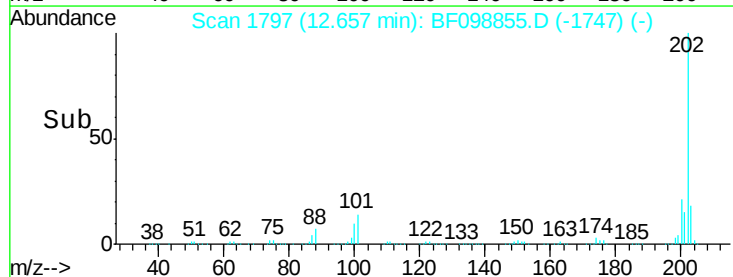
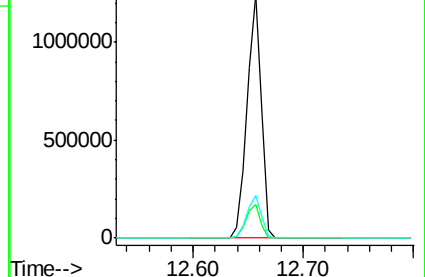
203 17.7 0.0 38.1

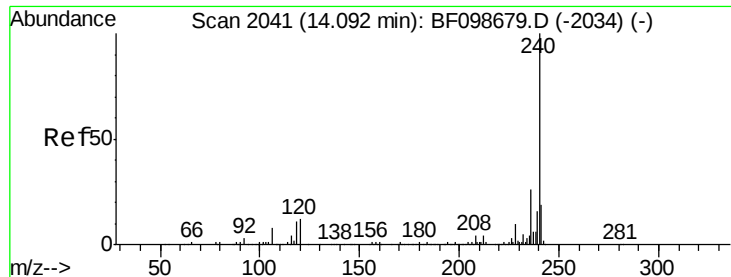


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098855.D

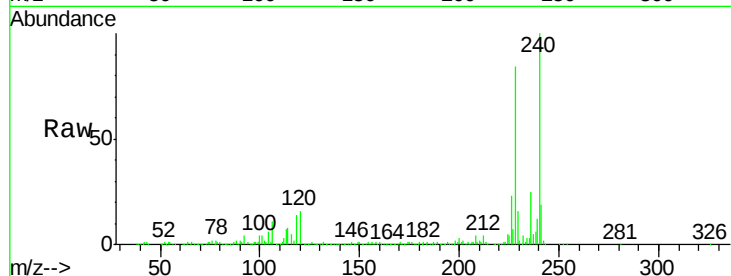
Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

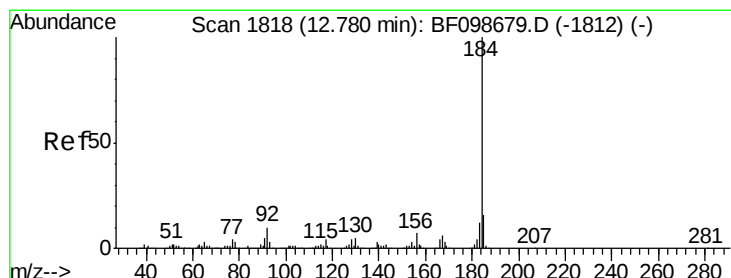
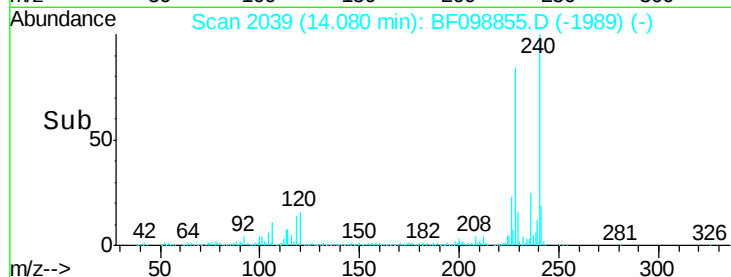
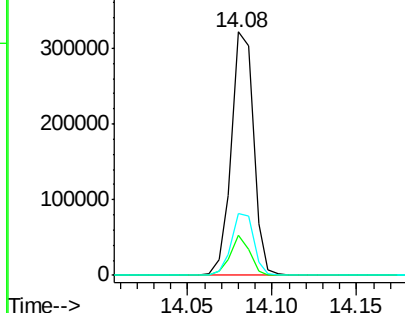
Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.10 ng

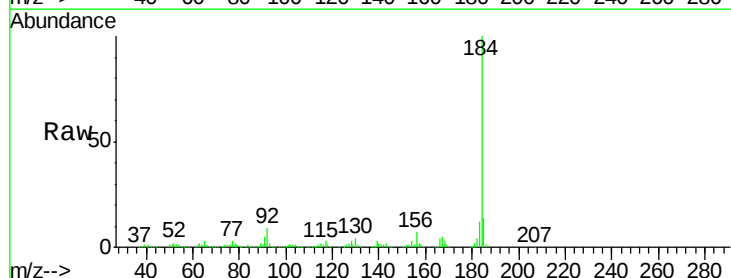
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

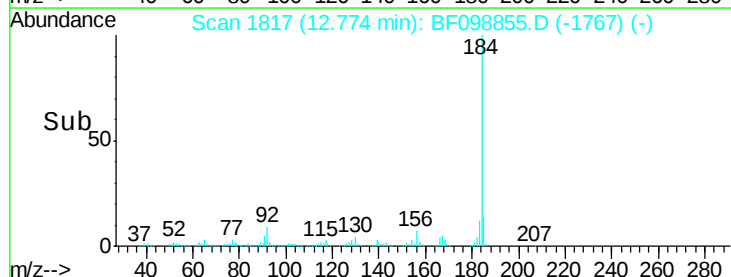
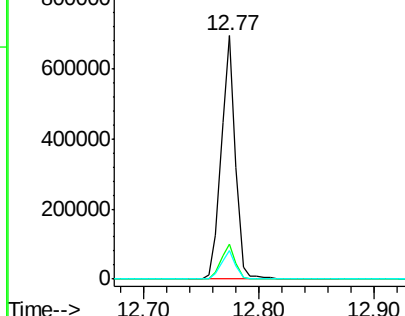
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.0	9.3	13.9

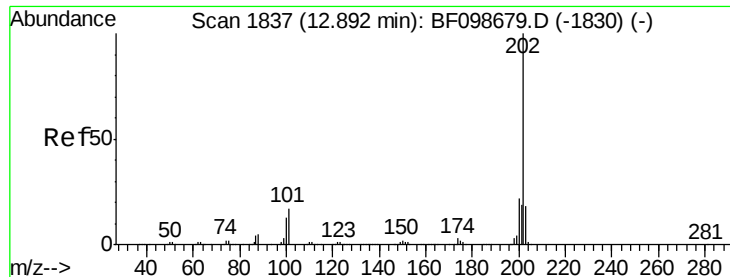


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.60 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

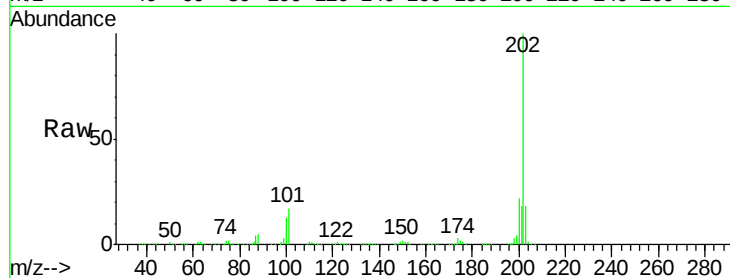
Tot Ion:202 Resp: 1138721

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

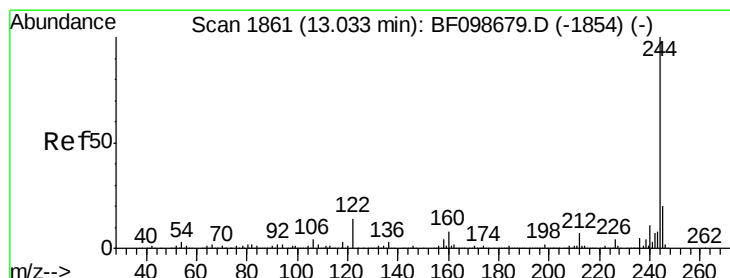
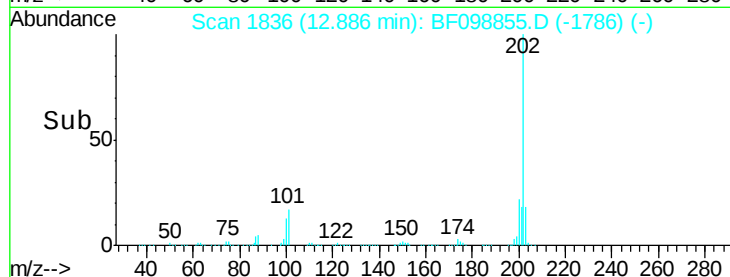
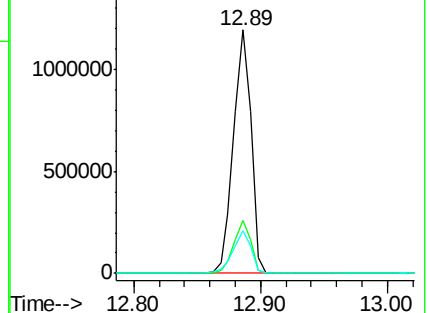
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.90 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

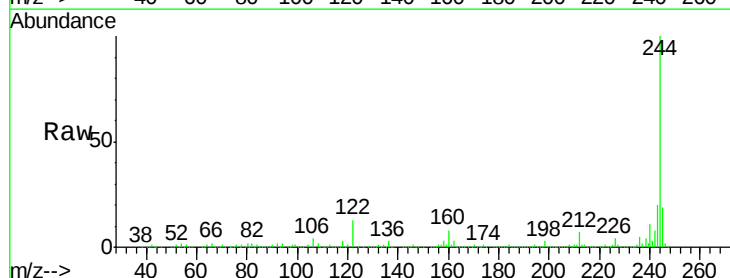
Tgt Ion:244 Resp: 1296340

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

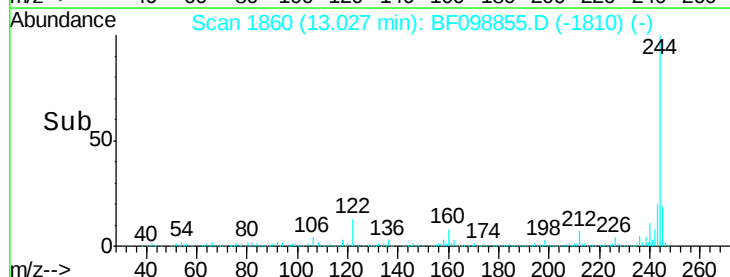
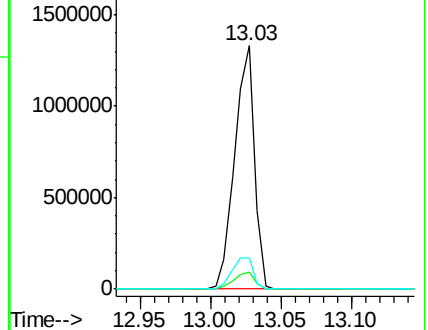
122 13.0 11.0 16.4

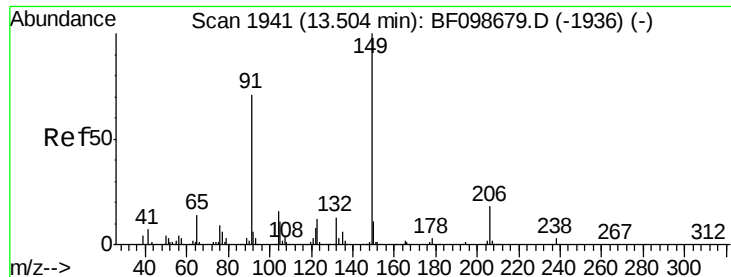


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

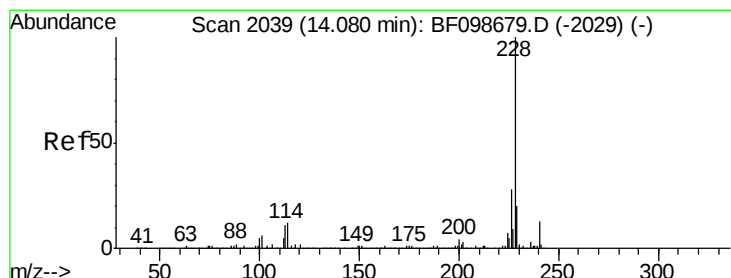
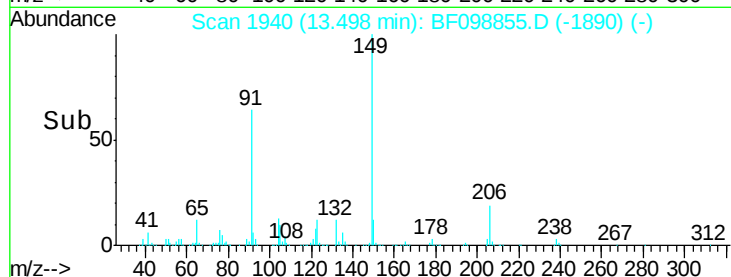
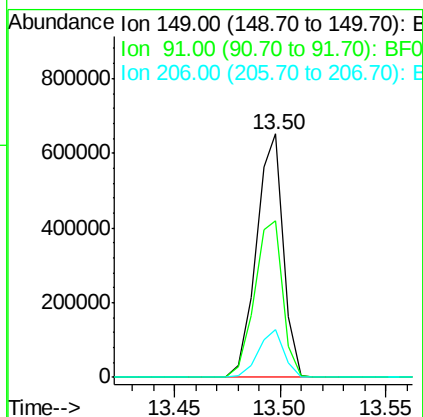
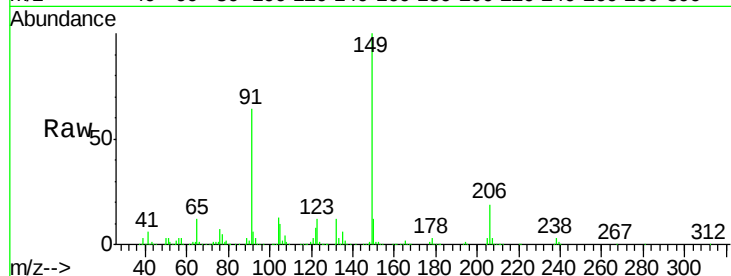




#79
Butylbenzylphthalate
Concen: 54.65 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

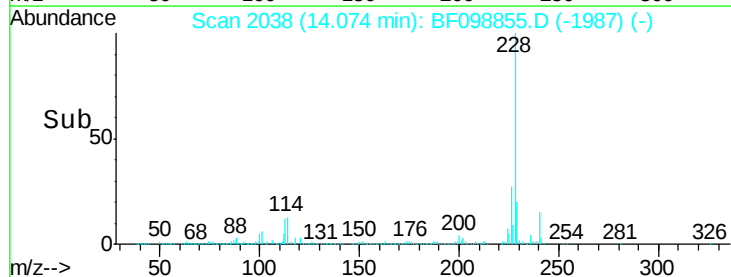
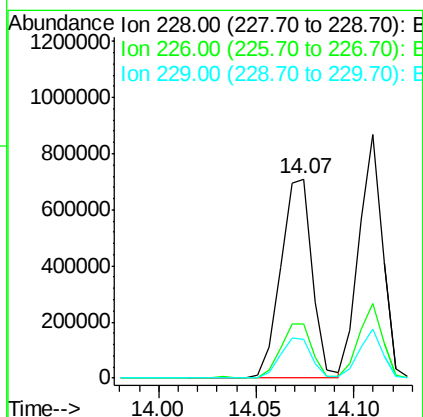
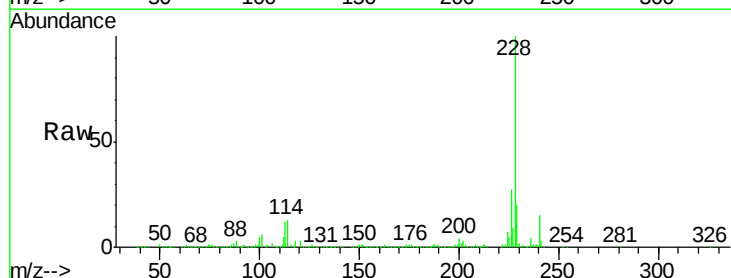
Instrument :
BNA_F
ClientSampleId :

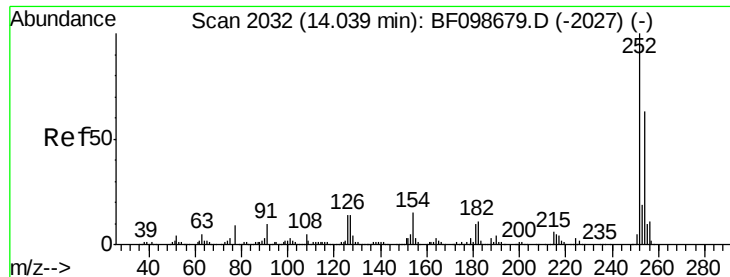
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	56.8	85.2
206	19.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.26 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6

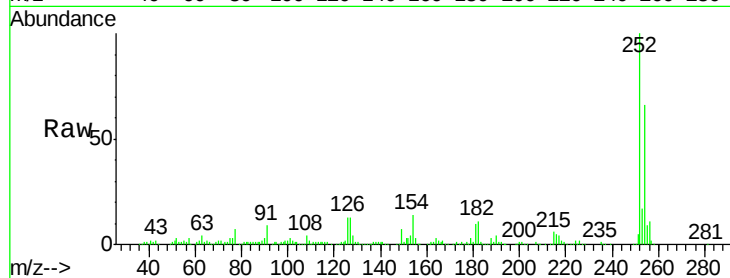




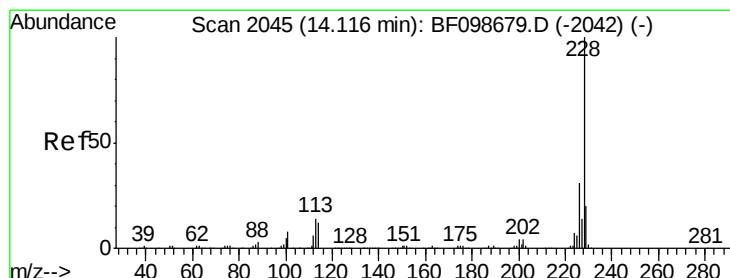
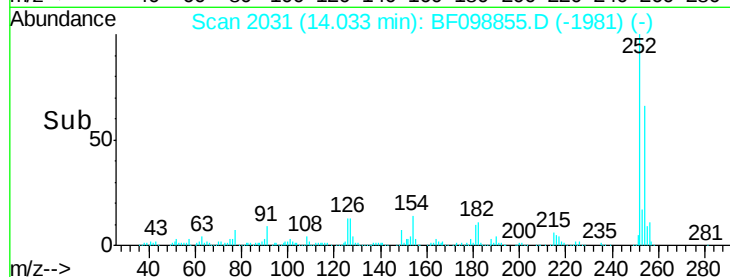
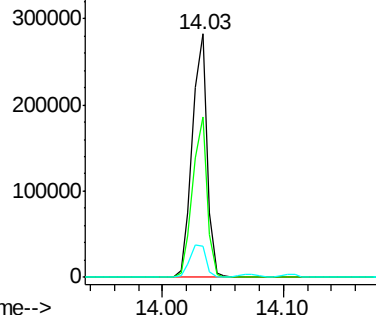
#81
 3,3'-Dichlorobenzidine
 Concen: 36.20 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	13.0	11.3	16.9

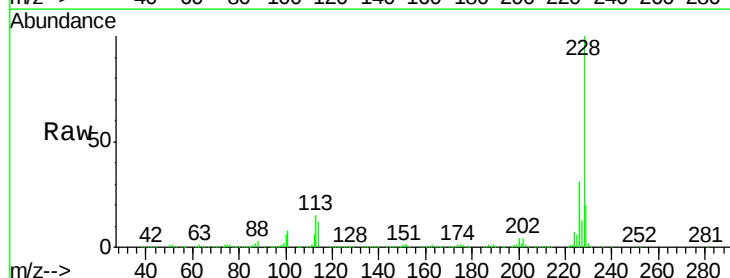


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

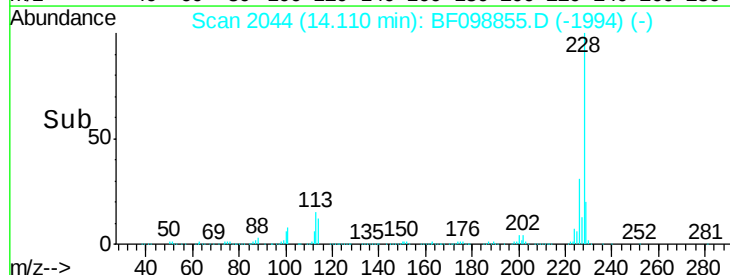
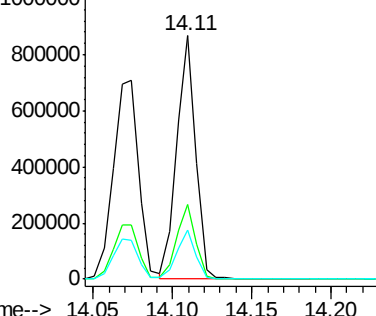


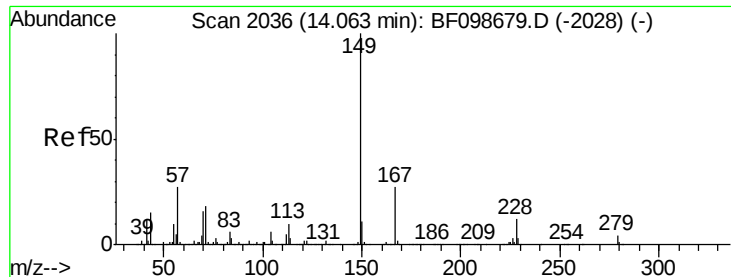
#82
 Chrysene
 Concen: 42.84 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

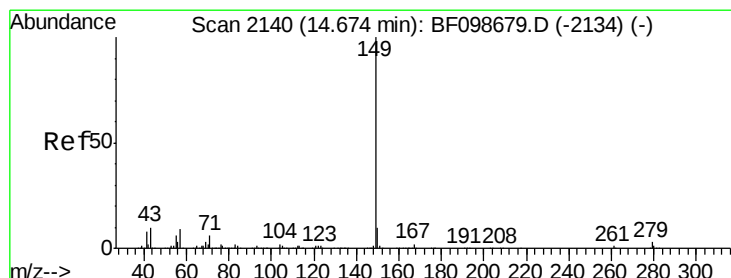
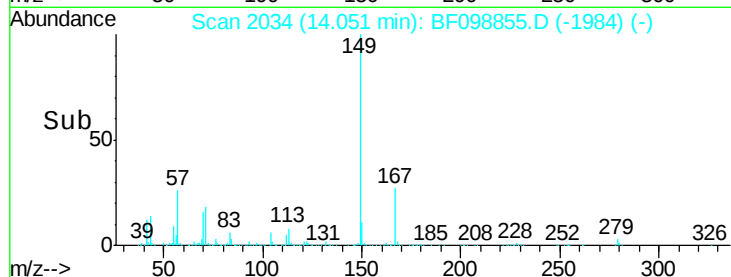
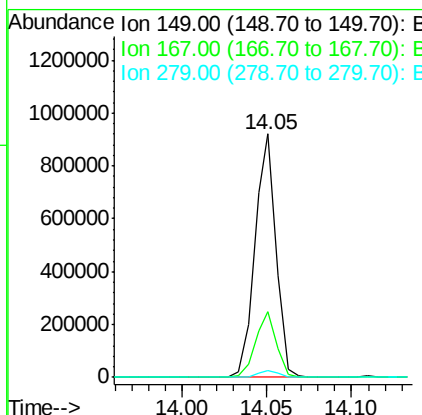
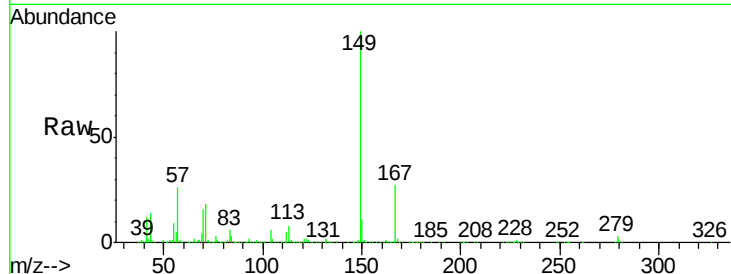




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.80 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

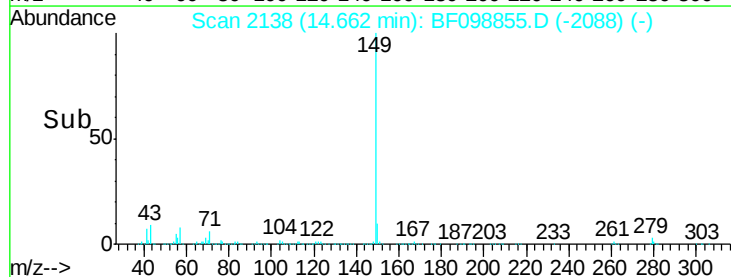
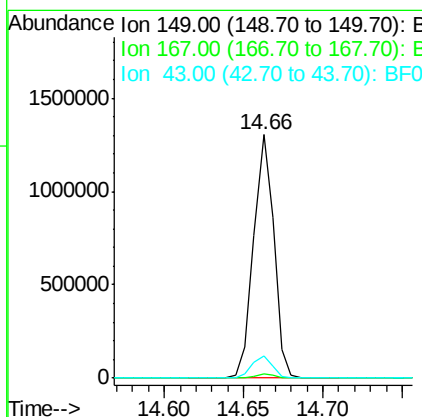
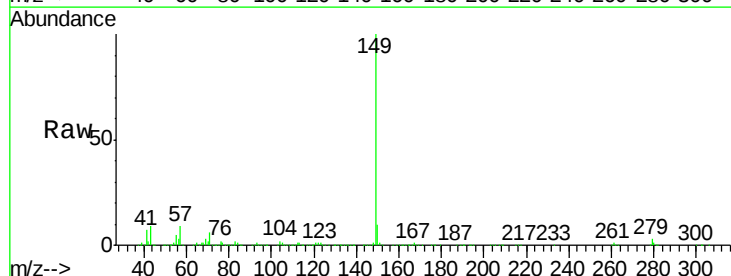
Instrument :
 BNA_F
 ClientSampleId :

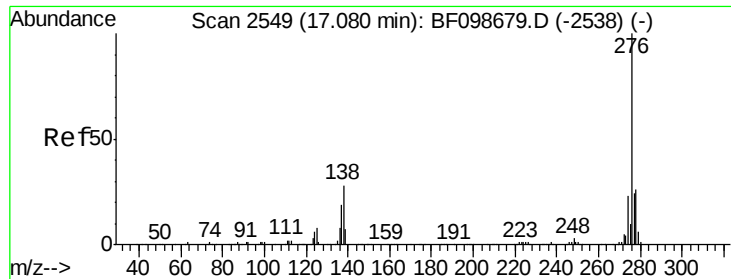
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 49.35 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	8.4	12.6

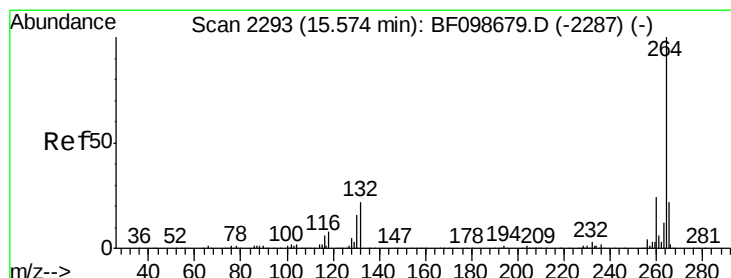
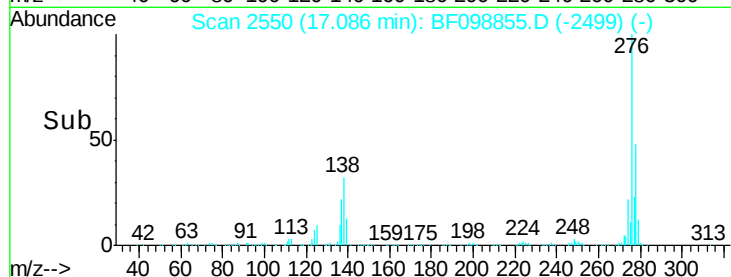
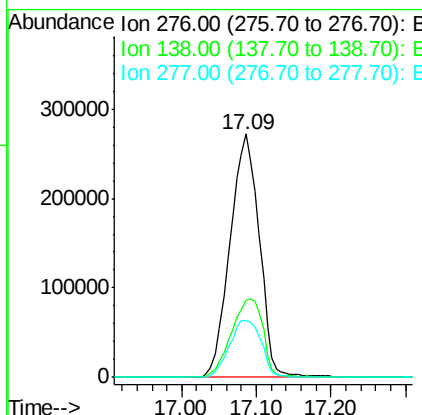
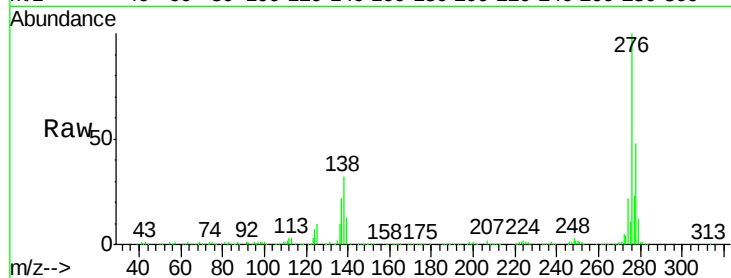




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.39 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

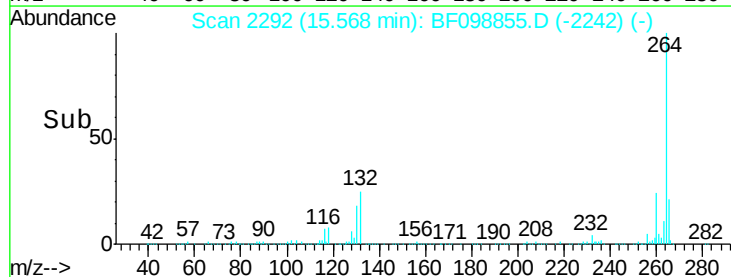
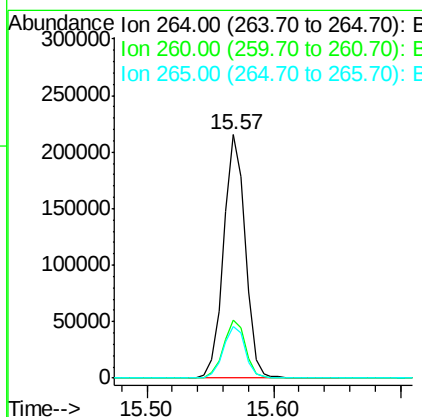
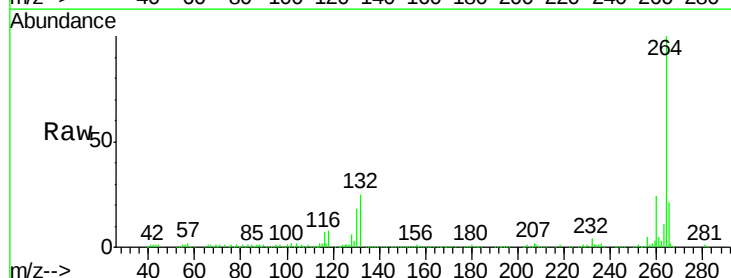
Instrument :
 BNA_F
 ClientSampleId :

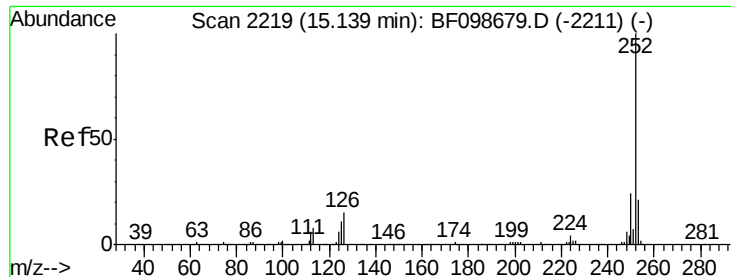
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3

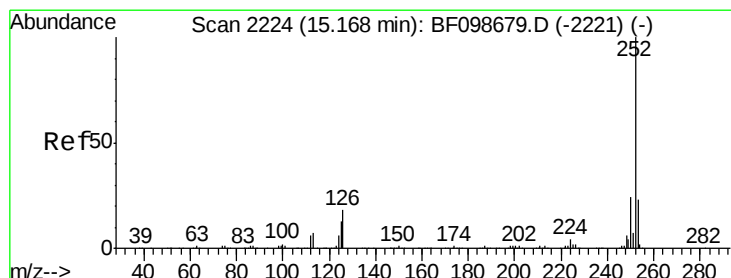
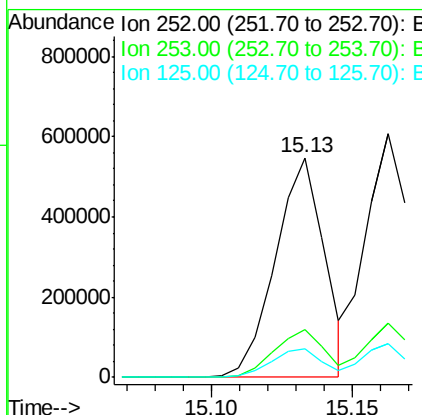
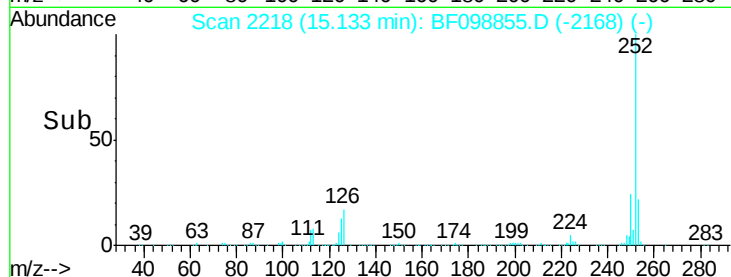
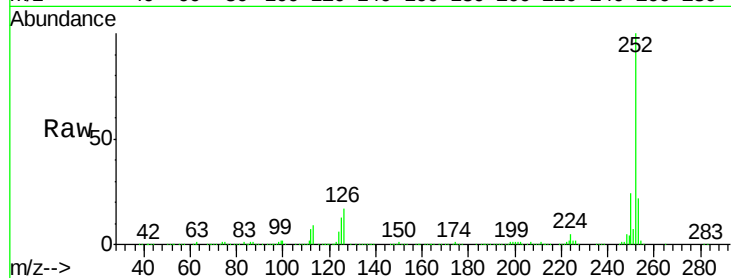




#87
Benzo(b)fluoranthene
Concen: 41.92 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

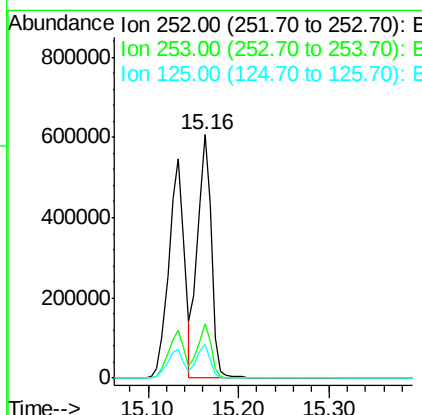
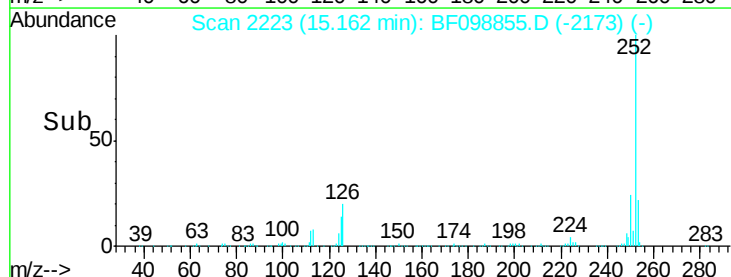
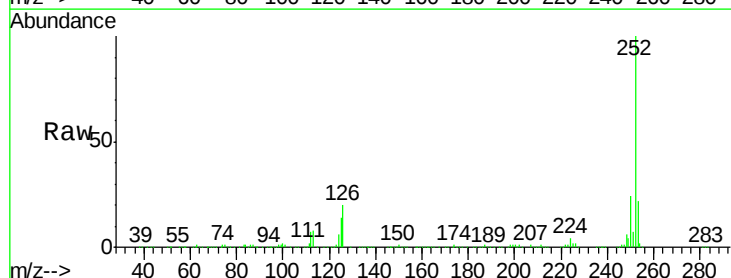
Instrument :
BNA_F
ClientSampleId :

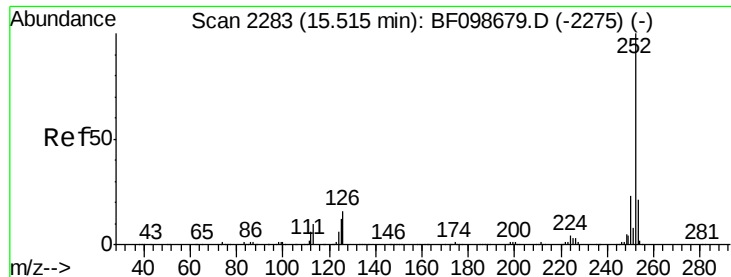
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.80 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.1	10.2	15.2

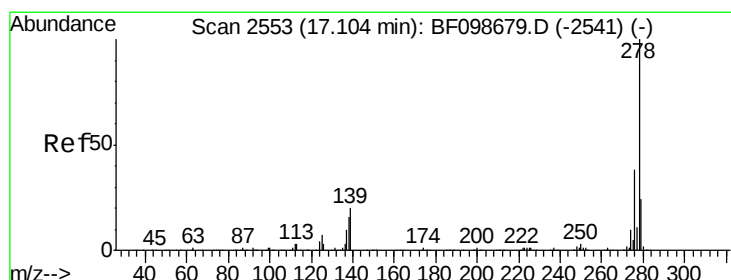
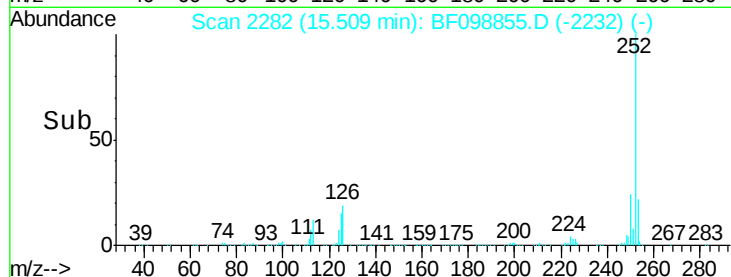
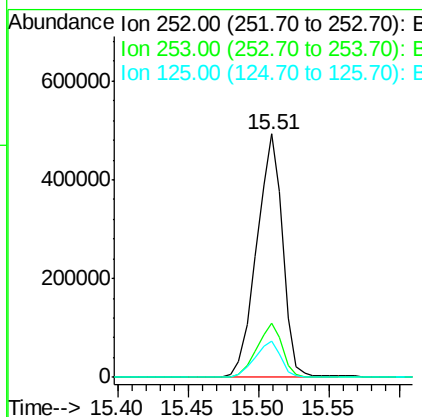
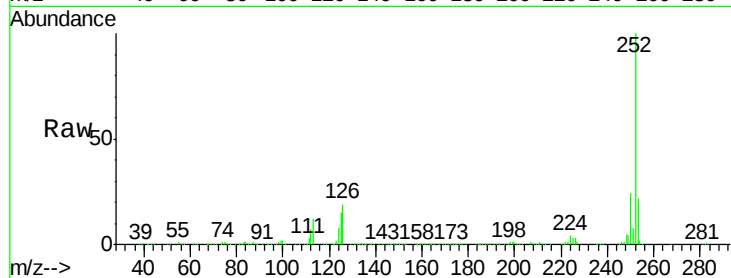




#89
Benzo(a)pyrene
Concen: 44.34 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

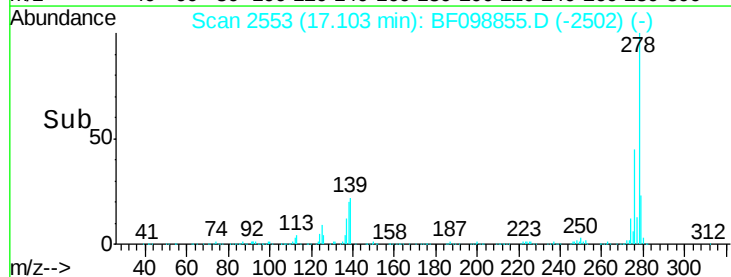
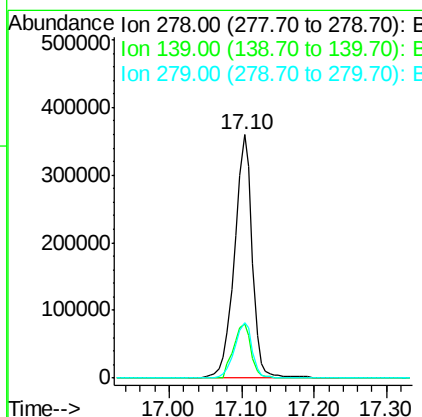
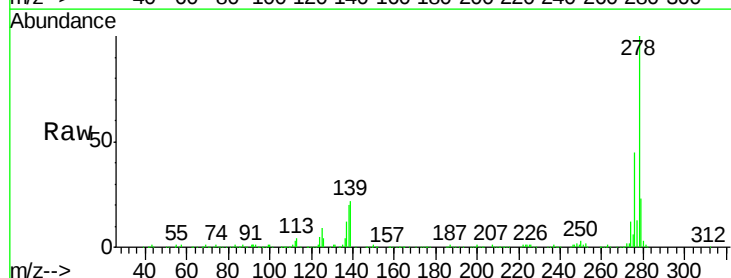
Instrument :
BNA_F
ClientSampleId :

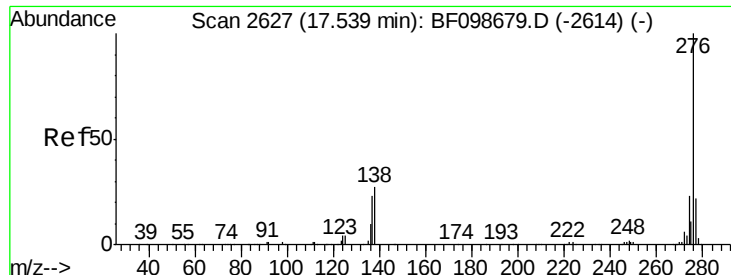
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 53.35 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	22.7	19.0	28.4

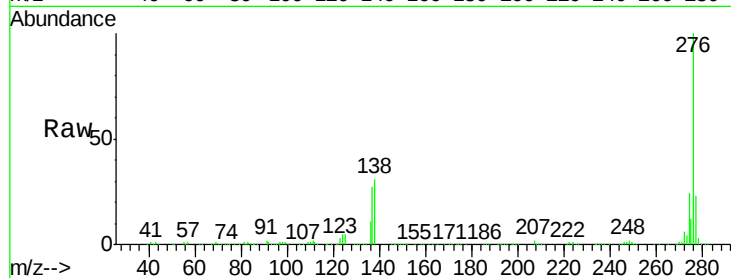




#91
 Benzo(a,h,i)perylene
 Concen: 54.06 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	31.0	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

