

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103699.D
 Acq On : 16 Mar 2018 16:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 16 17:15:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159338	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	666053	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	313137	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	567927	20.00	ng	0.00
75) Chrysene-d12	14.15	240	450715	20.00	ng	0.00
86) Perylene-d12	15.67	264	373997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	841248	80.30	ng	0.00
7) Phenol-d6	6.59	99	1035907	80.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	906465	94.91	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	251262	93.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1481368	75.46	ng	0.00
78) Terphenyl-d14	13.09	244	1504657	77.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	207100	40.148	ng	93
3) Pyridine	3.59	79	573125	40.394	ng	90
4) n-Nitrosodimethylamine	3.55	42	206977	39.564	ng	87
6) Aniline	6.63	93	740029	40.436	ng	98
8) 2-Chlorophenol	6.75	128	449113	40.925	ng	97
9) Benzaldehyde	6.52	77	335569	39.854	ng	99
10) Phenol	6.60	94	548813	40.298	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	451237	40.136	ng	95
12) 1,3-Dichlorobenzene	6.91	146	496934	39.758	ng	100
13) 1,4-Dichlorobenzene	6.99	146	489216	38.951	ng	98
14) 1,2-Dichlorobenzene	7.14	146	466298	40.009	ng	100
15) Benzyl Alcohol	7.10	79	401002	40.381	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	628442	39.301	ng	94
17) 2-Methylphenol	7.20	107	397651	40.690	ng	99
18) Hexachloroethane	7.48	117	184614	41.787	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	321231	39.109	ng	94
20) 3+4-Methylphenols	7.36	107	508443	40.996	ng	97
22) Acetophenone	7.37	105	662317	38.691	ng	95
24) Nitrobenzene	7.55	77	498517	44.459	ng	99
25) Isophorone	7.79	82	867740	39.246	ng	98
26) 2-Nitrophenol	7.86	139	225775	51.954	ng	98
27) 2,4-Dimethylphenol	7.89	122	391649	41.348	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	530670	39.636	ng	99
29) 2,4-Dichlorophenol	8.10	162	364374	42.283	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	399827	40.003	ng	98
31) Naphthalene	8.27	128	1305889	38.813	ng	100
32) Benzoic acid	8.00	122	336135	49.821	ng	97
33) 4-Chloroaniline	8.32	127	573482	40.628	ng	99
34) Hexachlorobutadiene	8.39	225	216253	39.462	ng	98
35) Caprolactam	8.69	113	124491	41.953	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	393827	41.455	ng	99
37) 2-Methylnaphthalene	8.96	142	839500	39.346	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	353688	39.592	ng	99
40) Hexachlorocyclopentadiene	9.12	237	204830	44.435	ng	98

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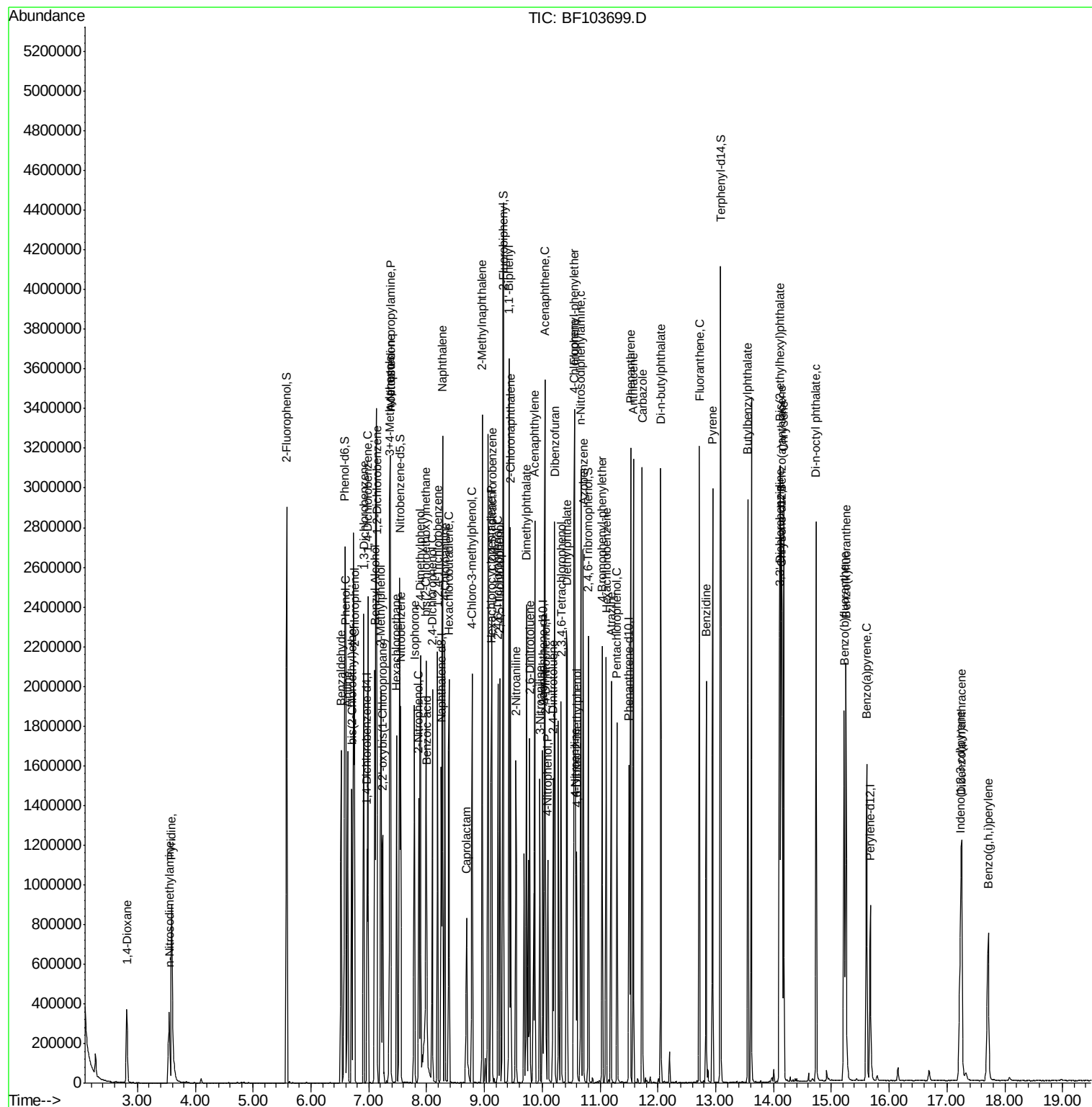
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	248689	43.522	ng	98
43) 2,4,5-Trichlorophenol	9.27	196	283409	43.944	ng	97
45) 1,1'-Biphenyl	9.43	154	1020899	39.098	ng	100
46) 2-Chloronaphthalene	9.45	162	828142	39.932	ng	99
47) 2-Nitroaniline	9.55	65	261750	48.211	ng	96
48) Acenaphthylene	9.87	152	1267662	39.418	ng	99
49) Dimethylphthalate	9.73	163	966880	40.471	ng	99
50) 2,6-Dinitrotoluene	9.79	165	212242	46.097	ng	92
51) Acenaphthene	10.05	154	776694	40.674	ng	99
52) 3-Nitroaniline	9.96	138	255276	46.240	ng	95
53) 2,4-Dinitrophenol	10.06	184	64269	57.585	ng	# 29
54) Dibenzofuran	10.22	168	1081833	39.668	ng	98
55) 4-Nitrophenol	10.10	139	187970	45.275	ng	95
56) 2,4-Dinitrotoluene	10.19	165	279869	47.826	ng	95
57) Fluorene	10.56	166	839022	39.646	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	209081	45.752	ng	98
59) Diethylphthalate	10.43	149	960839	40.521	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	385815	39.891	ng	99
61) 4-Nitroaniline	10.57	138	245682	46.237	ng	97
62) Azobenzene	10.71	77	954097	39.576	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	122065	54.721	ng	92
65) n-Nitrosodiphenylamine	10.67	169	763282	39.484	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	238548	40.910	ng	94
67) Hexachlorobenzene	11.10	284	264731	39.778	ng	94
68) Atrazine	11.19	200	249912	41.792	ng	99
69) Pentachlorophenol	11.29	266	173391	45.317	ng	99
70) Phenanthrene	11.53	178	1218239	39.213	ng	98
71) Anthracene	11.57	178	1233106	39.080	ng	99
72) Carbazole	11.73	167	1216095	39.653	ng	99
73) Di-n-butylphthalate	12.05	149	1494334	40.608	ng	100
74) Fluoranthene	12.72	202	1253344	39.160	ng	100
76) Benzidine	12.83	184	682951	35.527	ng	99
77) Pyrene	12.95	202	1299991	39.274	ng	99
79) Butylbenzylphthalate	13.56	149	636961	43.434	ng	96
80) Benzo(a)anthracene	14.14	228	1126057	39.469	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	390530	40.922	ng	99
82) Chrysene	14.18	228	1057639	38.889	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	882577	42.127	ng	99
84) Di-n-octyl phthalate	14.74	149	1346863	44.190	ng	97
85) Indeno(1,2,3-cd)pyrene	17.23	276	830244	34.957	ng	97
87) Benzo(b)fluoranthene	15.22	252	1001353	42.380	ng	97
88) Benzo(k)fluoranthene	15.26	252	904141	39.807	ng	99
89) Benzo(a)pyrene	15.62	252	863857	40.309	ng	100
90) Dibenzo(a,h)anthracene	17.26	278	693667	37.380	ng	98
91) Benzo(g,h,i)perylene	17.72	276	662319	36.687	ng	96

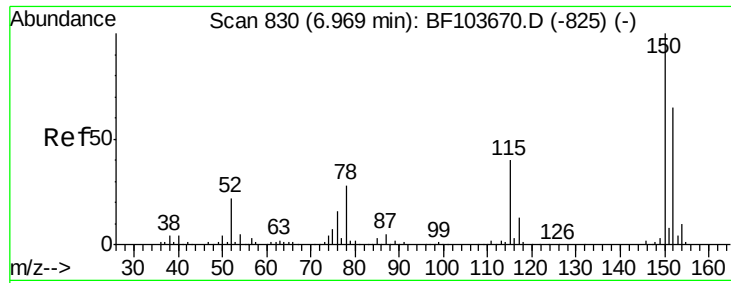
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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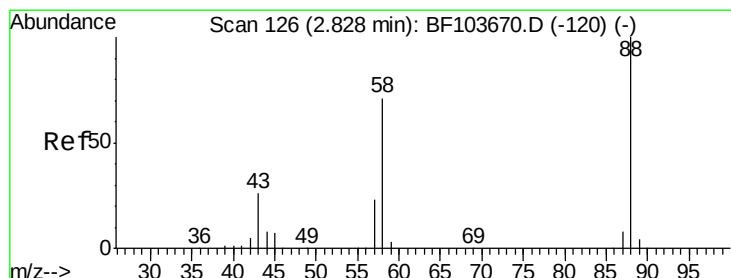
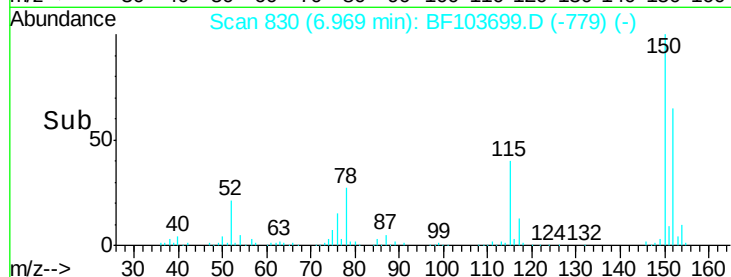
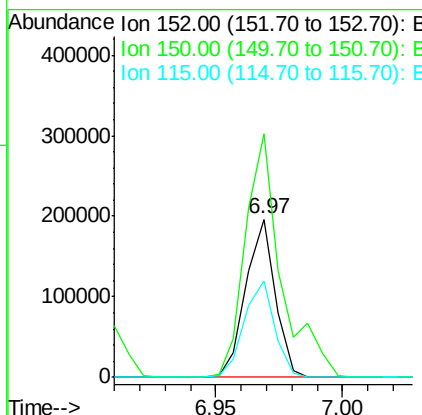
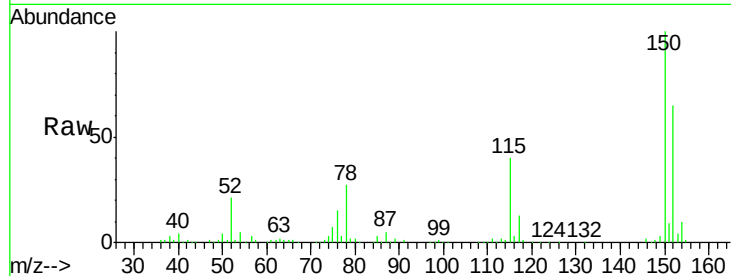


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

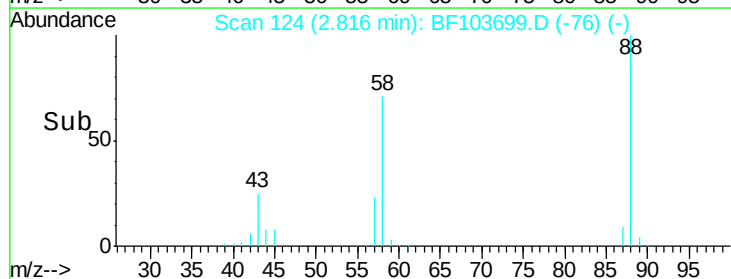
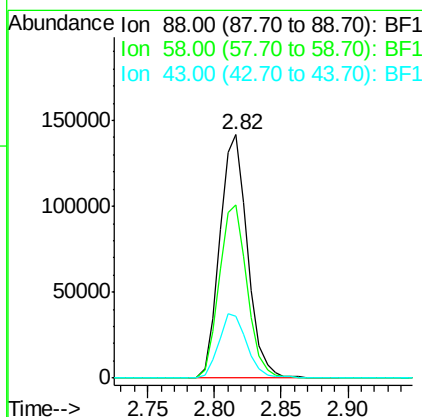
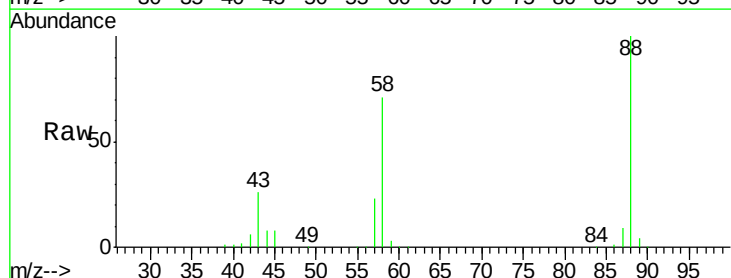
Tot Ion:152 Resp: 159338
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.3 50.1 75.1

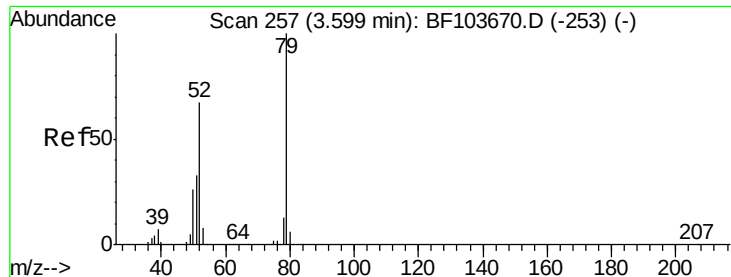


#2

1,4-Dioxane
Concen: 40.148 ng
RT: 2.82 min Scan# 124
Delta R.T. -0.02 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion: 88 Resp: 207100
Ion Ratio Lower Upper
88 100
58 71.9 62.6 93.8
43 27.3 24.6 37.0





#3

Pvridine

Concen: 40.394 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.02 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

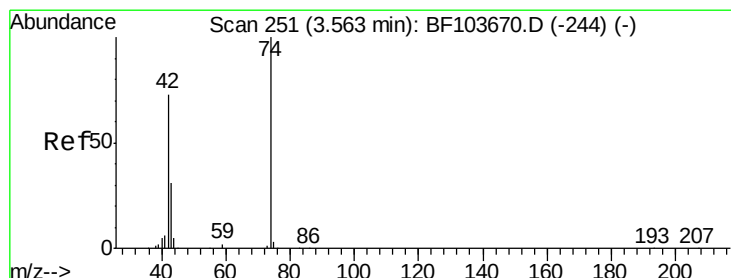
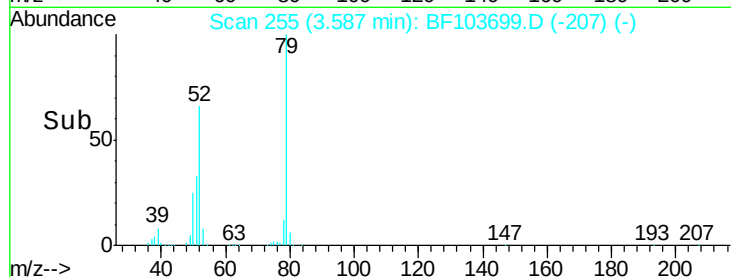
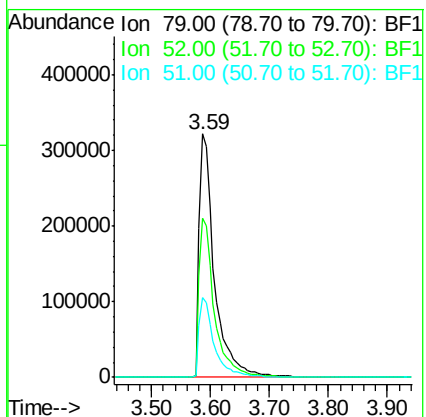
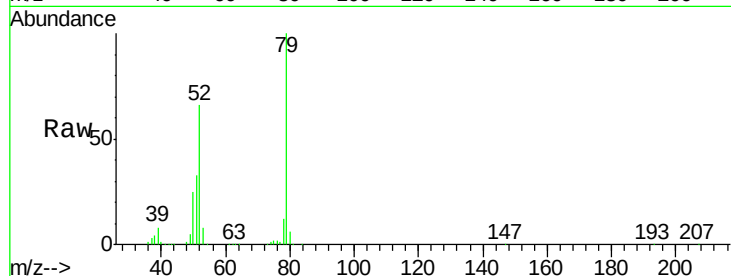
Tot Ion: 79 Resp: 573125

Ion Ratio Lower Upper

79 100

52 65.5 59.8 89.6

51 32.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.564 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.02 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

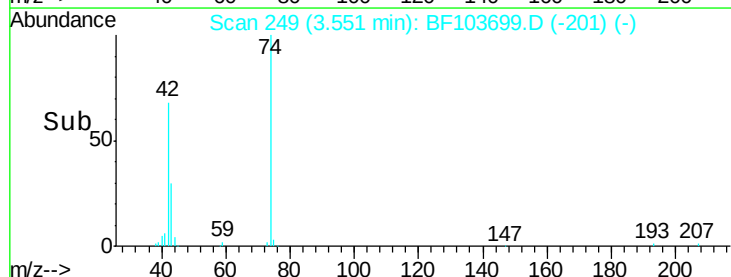
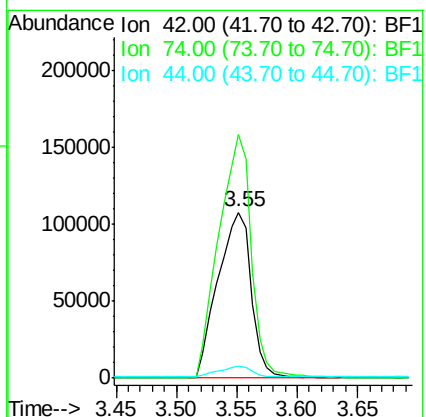
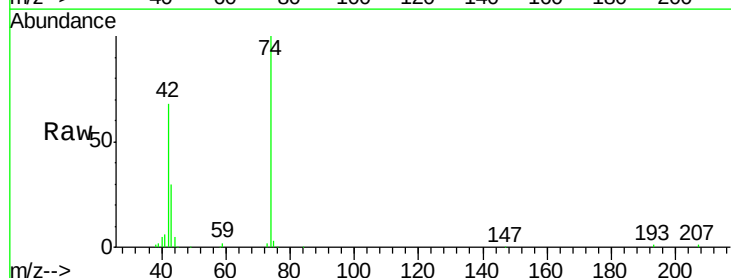
Tgt Ion: 42 Resp: 206977

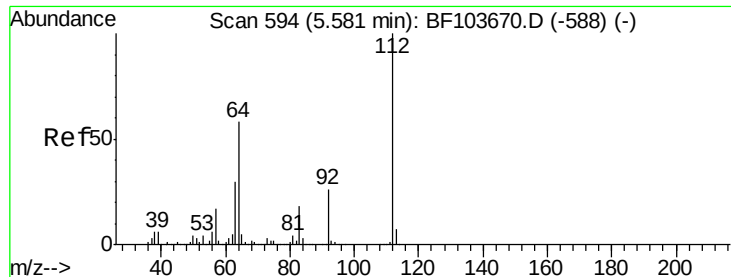
Ion Ratio Lower Upper

42 100

74 147.1 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 80.303 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

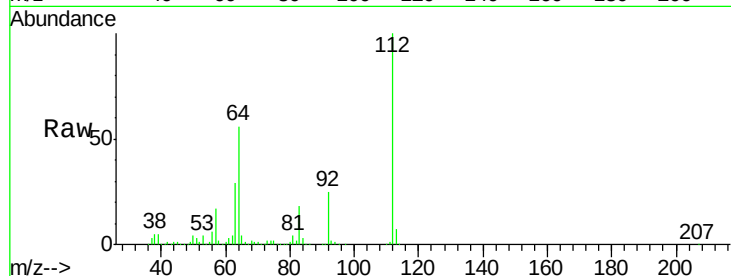
Tot Ion:112 Resp: 841248

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

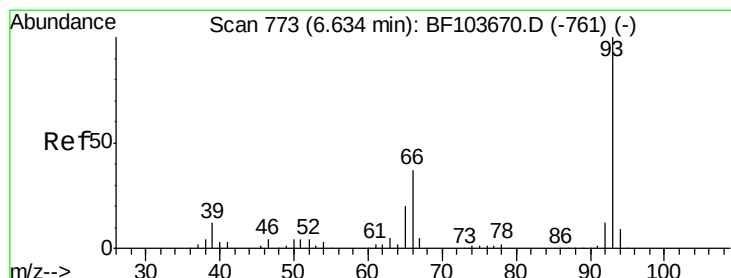
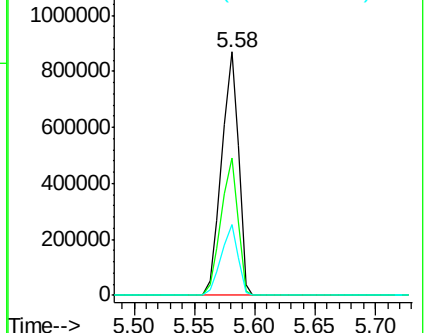
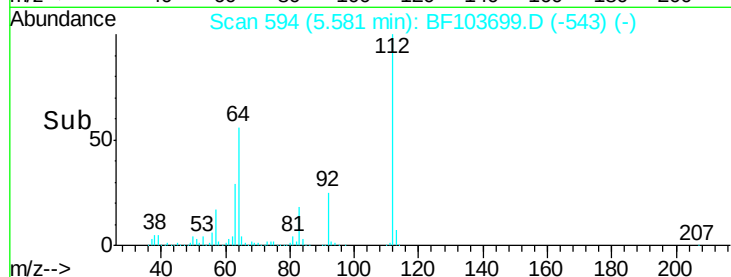
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.436 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

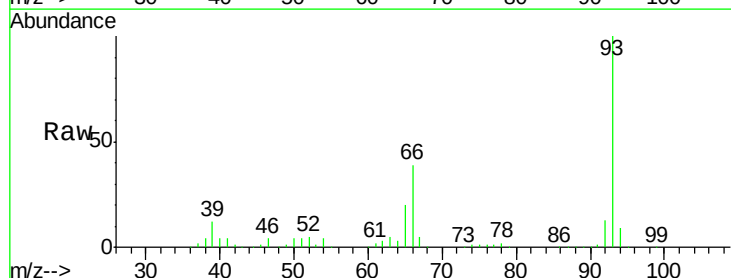
Tgt Ion: 93 Resp: 740029

Ion Ratio Lower Upper

93 100

66 38.5 32.2 48.2

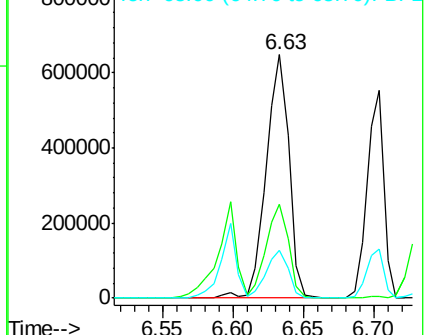
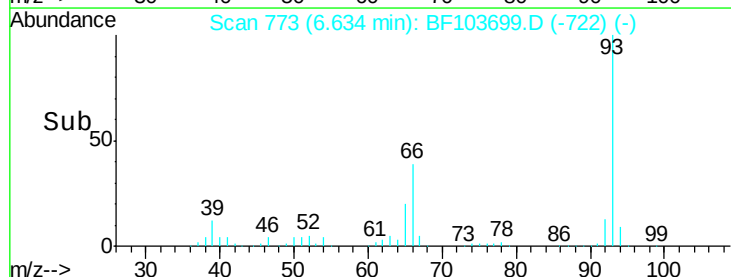
65 19.7 16.4 24.6

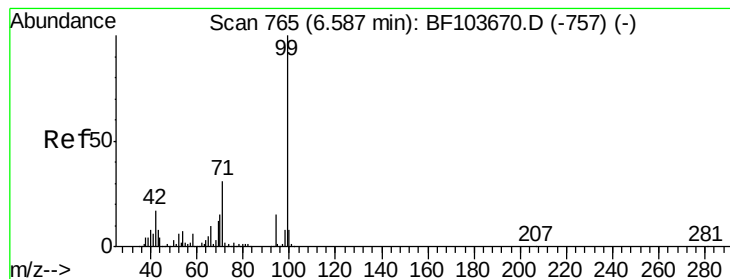


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.826 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

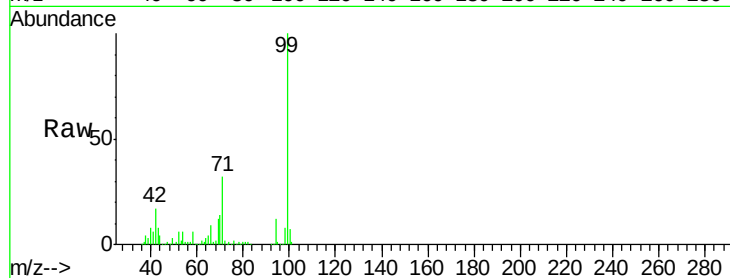
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1035907

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	31.6	25.4	38.0

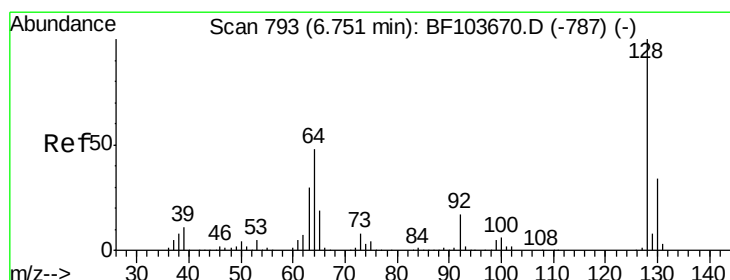
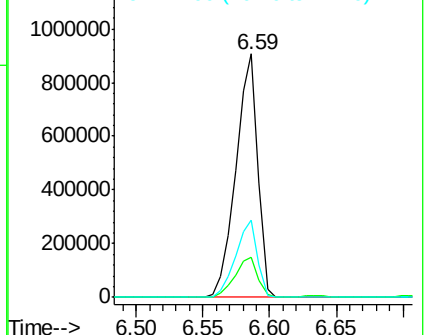
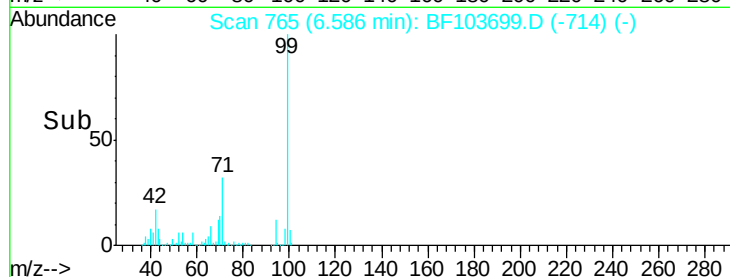


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.925 ng

RT: 6.75 min Scan# 793

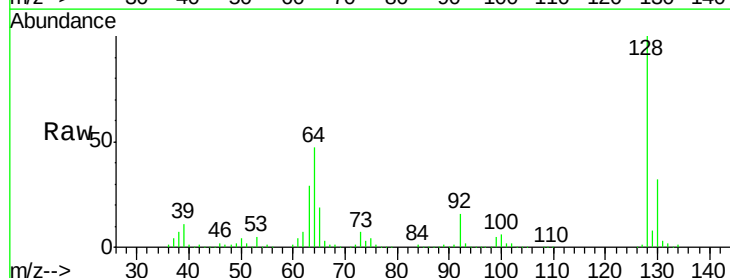
Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Tgt Ion: 128 Resp: 449113

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	46.9	29.4	69.4

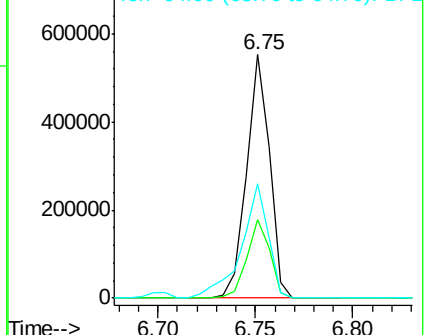
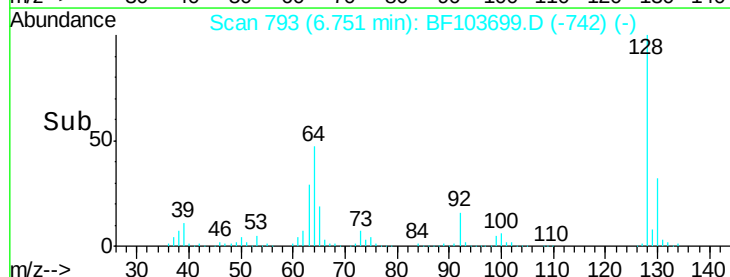


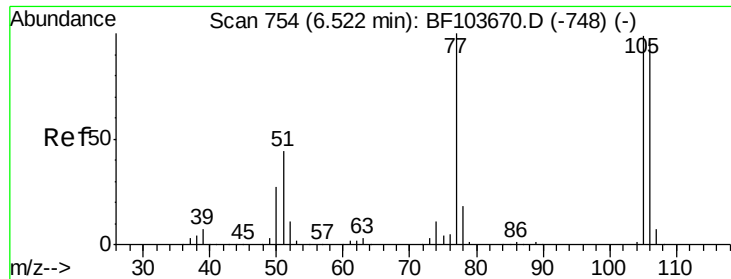
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.854 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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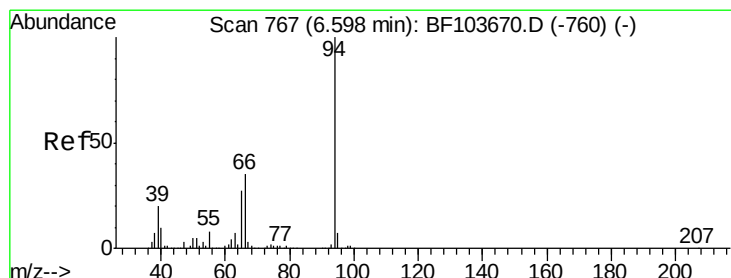
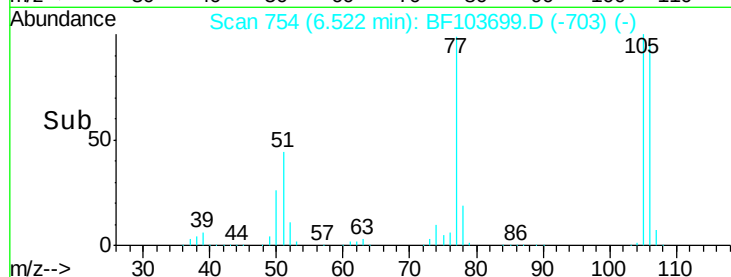
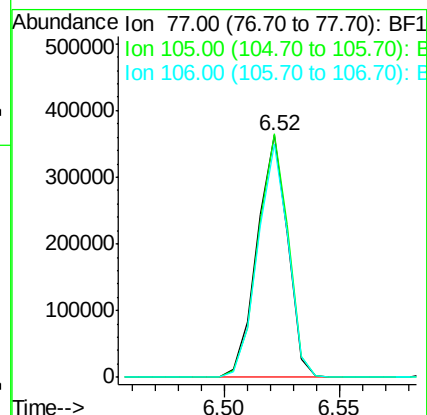
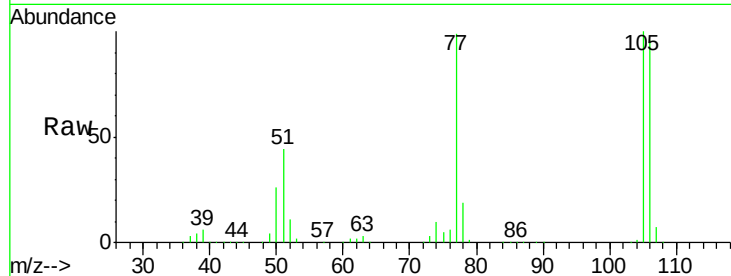
Tot Ion: 77 Resp: 335569

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

106 96.4 74.5 114.5



#10

Phenol

Concen: 40.298 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

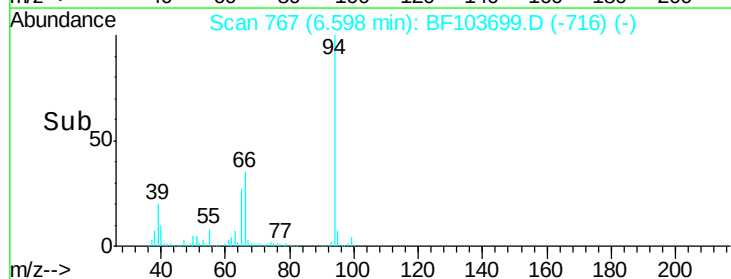
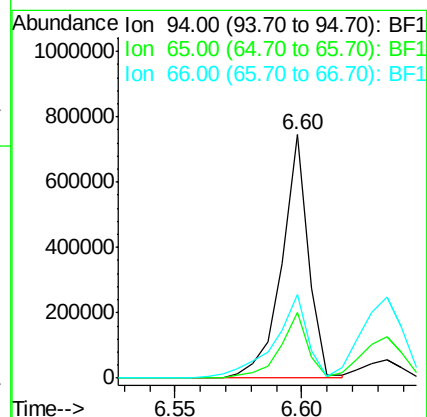
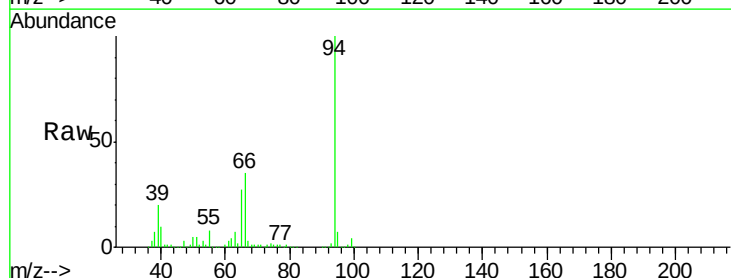
Tgt Ion: 94 Resp: 548813

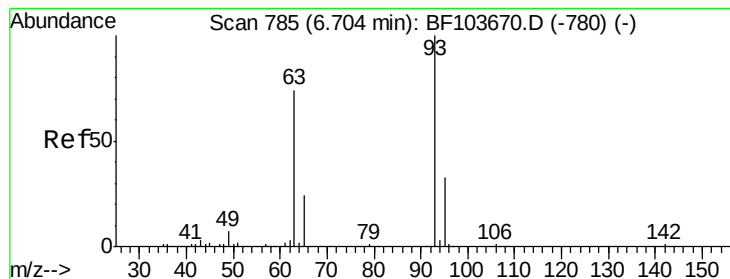
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 34.6 16.2 56.2

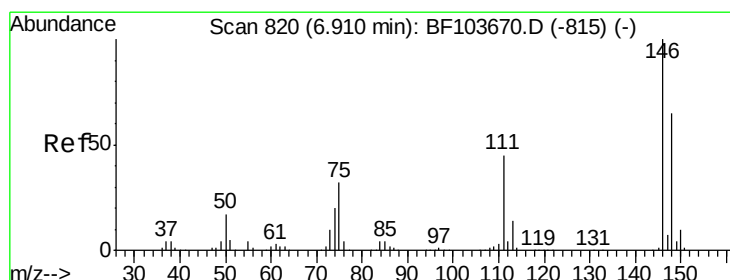
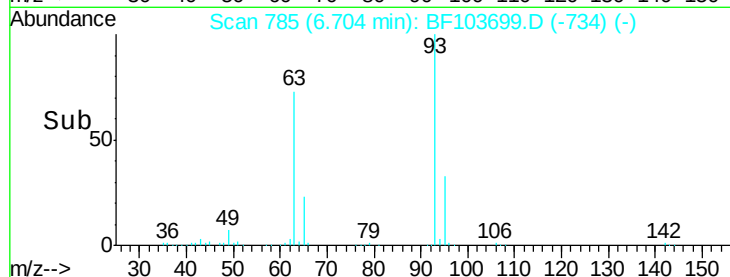
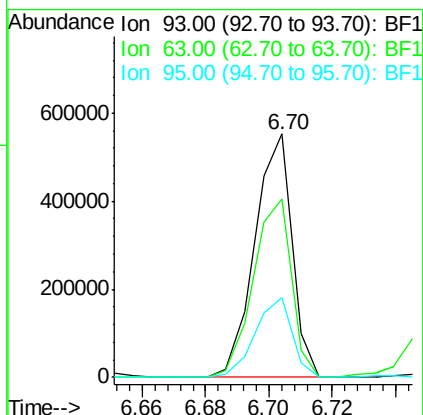
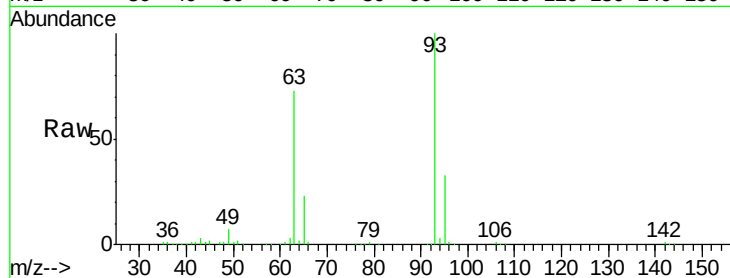




#11
bis(2-Chloroethyl)ether
Concen: 40.136 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

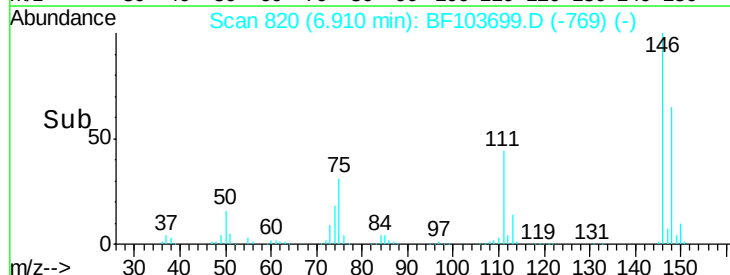
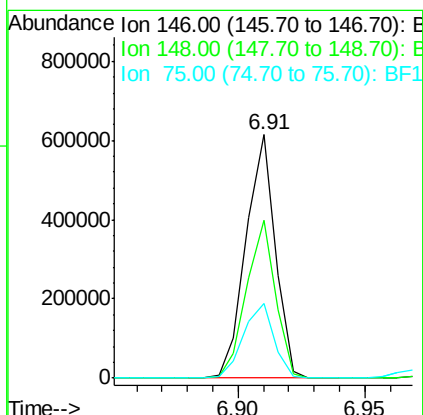
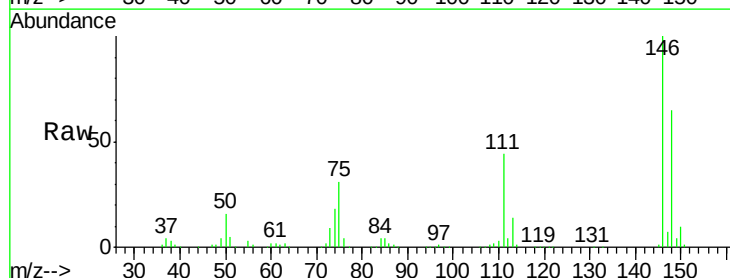
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

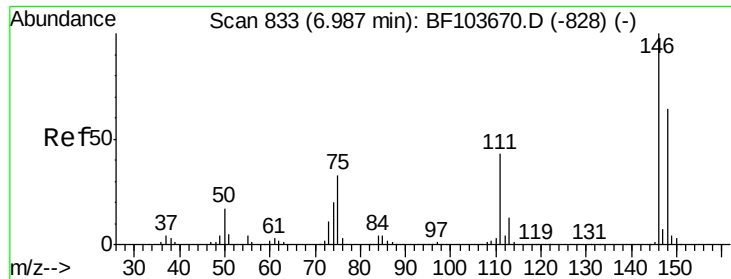
Tot Ion	93.00	Resp	451237
Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.758 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion	146	Resp	496934
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	30.6	24.2	36.4

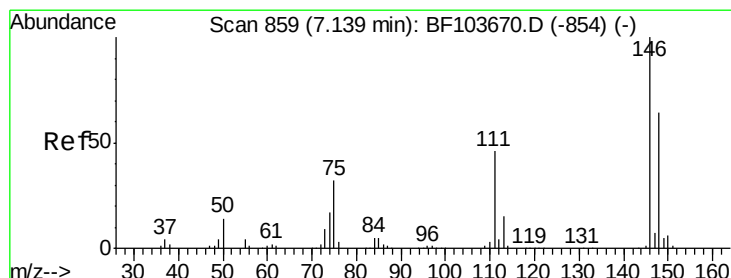
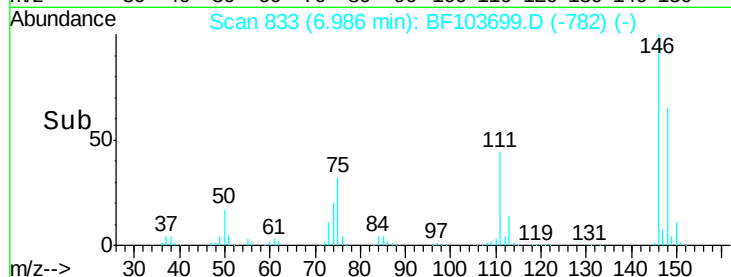
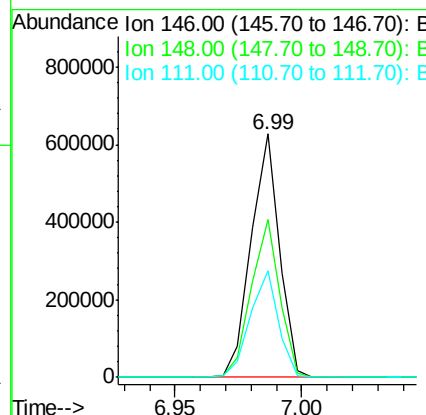
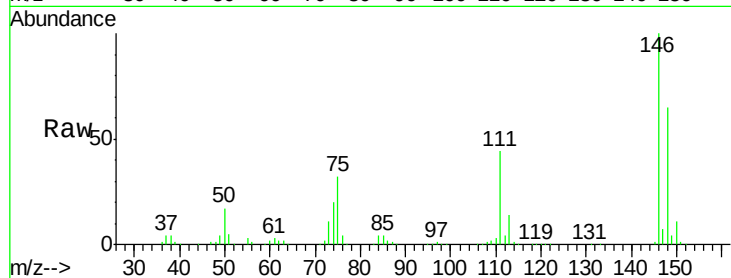




#13
 1,4-Dichlorobenzene
 Concen: 38.951 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

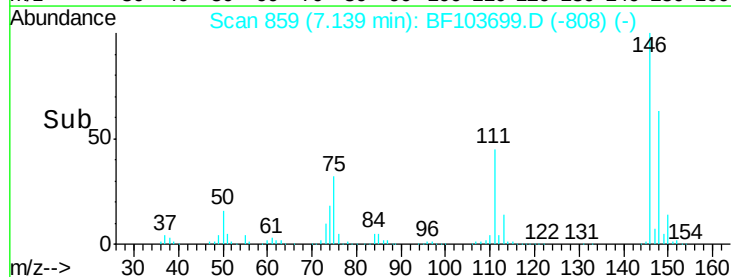
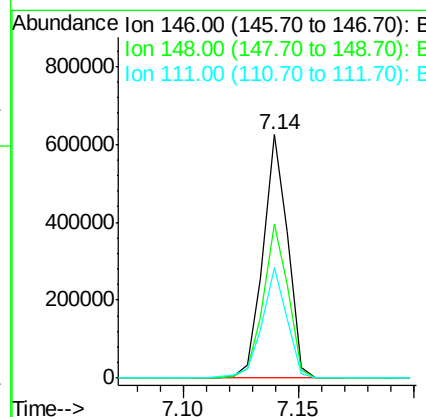
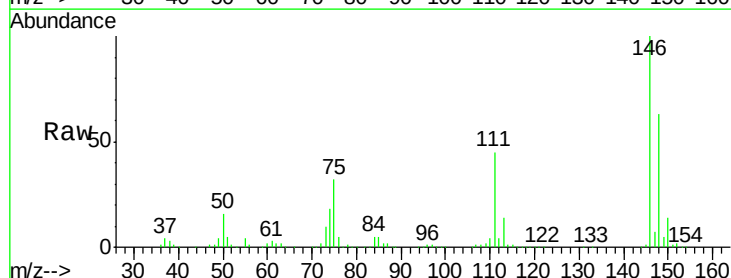
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

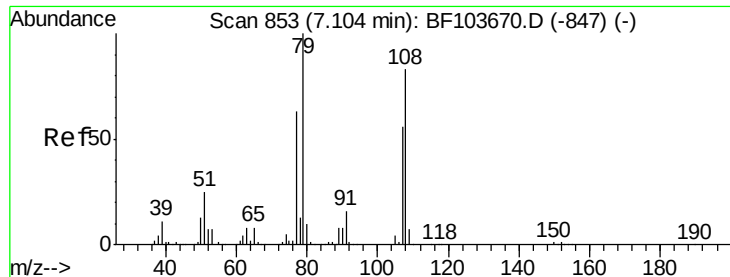
Tot Ion:146 Resp: 489216
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.009 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:146 Resp: 466298
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.4 36.0 54.0

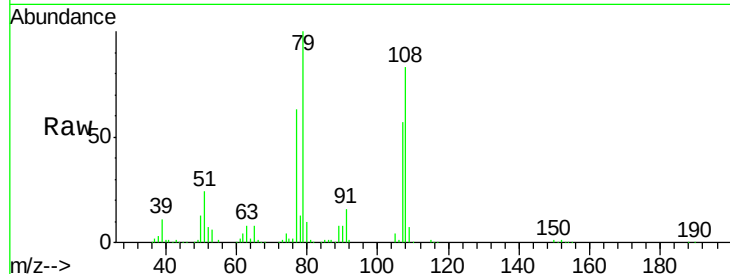




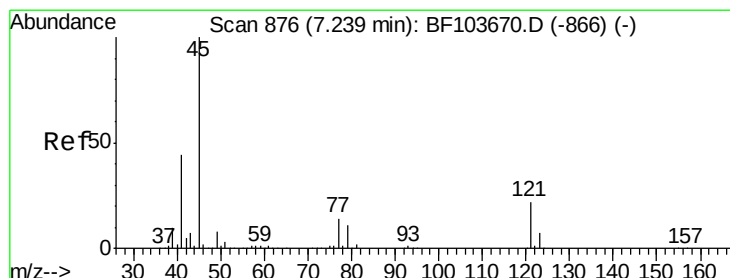
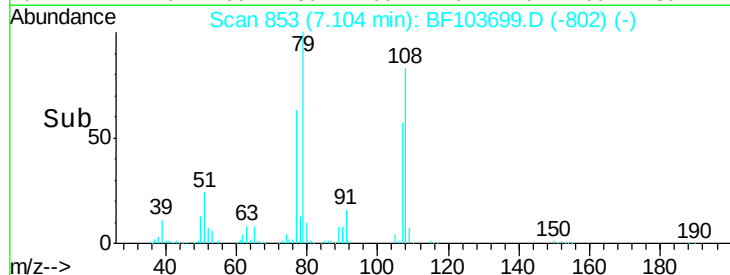
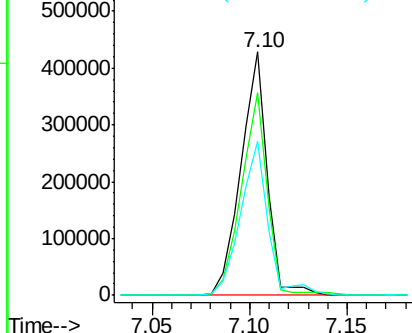
#15
Benzyl Alcohol
Concen: 40.381 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 401002
Ion Ratio Lower Upper
79 100
108 83.4 65.1 97.7
77 63.4 50.6 75.8

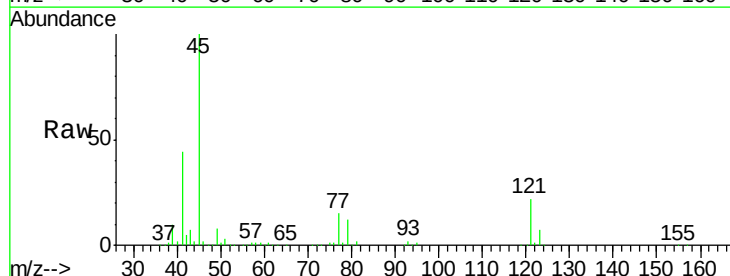


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

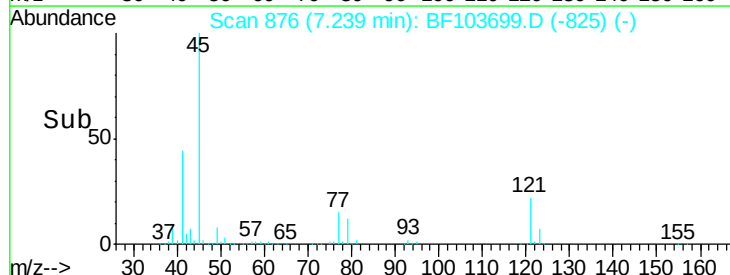
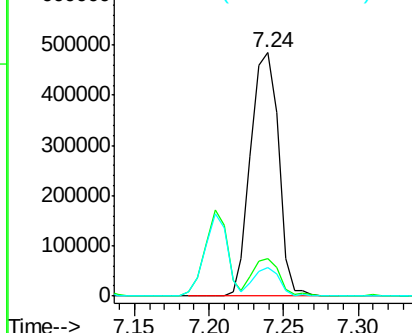


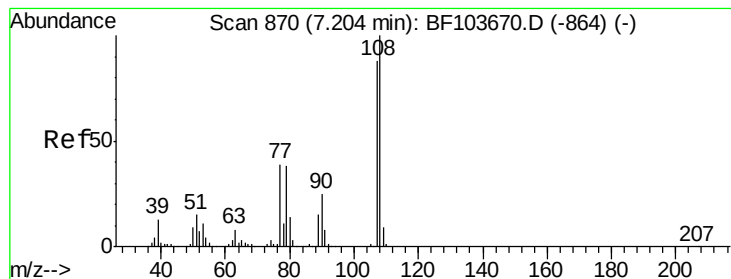
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.301 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion: 45 Resp: 628442
Ion Ratio Lower Upper
45 100
77 15.5 0.0 32.9
79 11.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

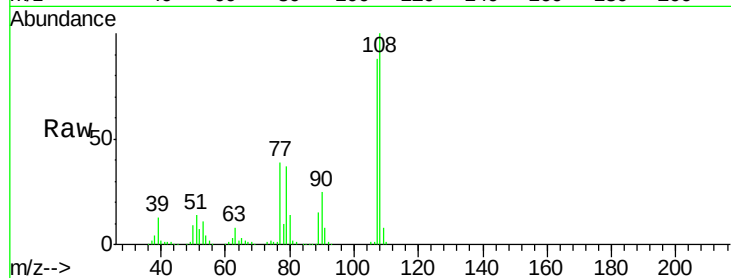




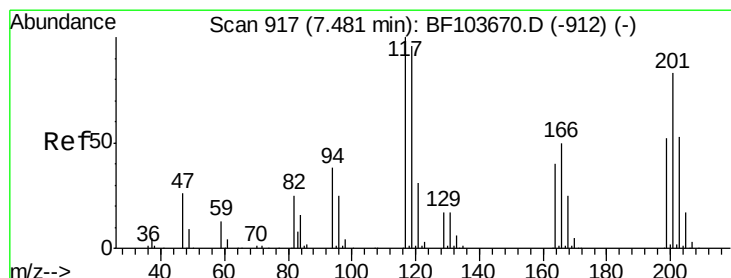
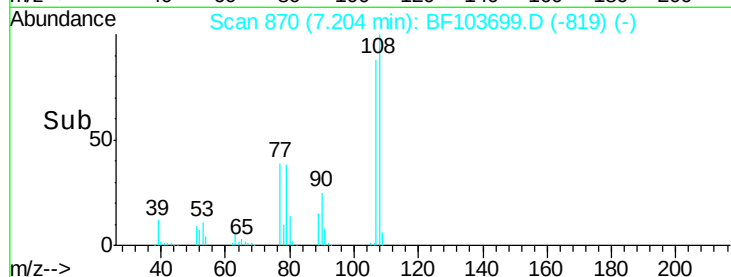
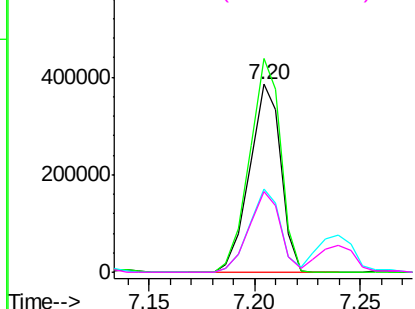
#17
2-Methylphenol
Concen: 40.690 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	397651
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	44.2	33.8	50.8
79	42.6	33.8	50.8

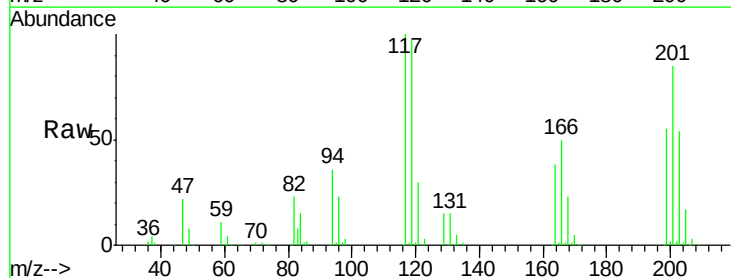


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

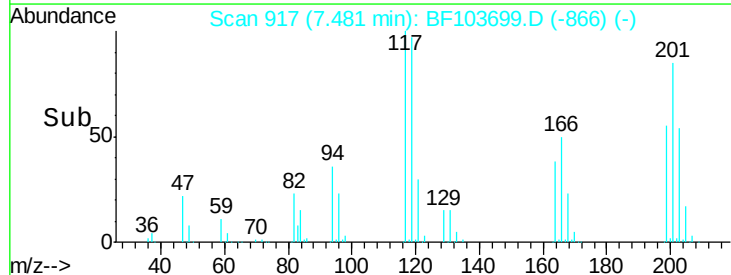
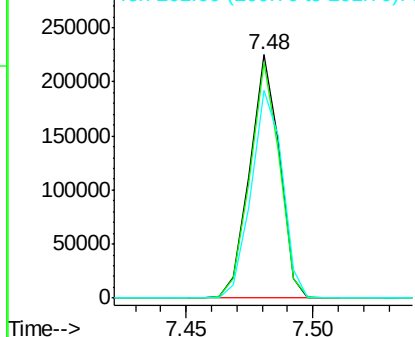


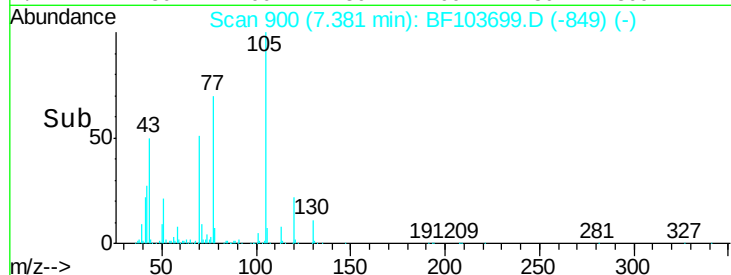
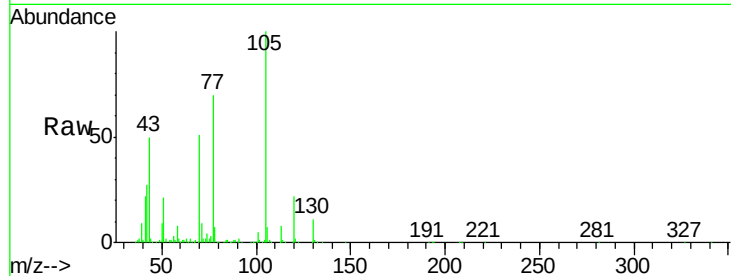
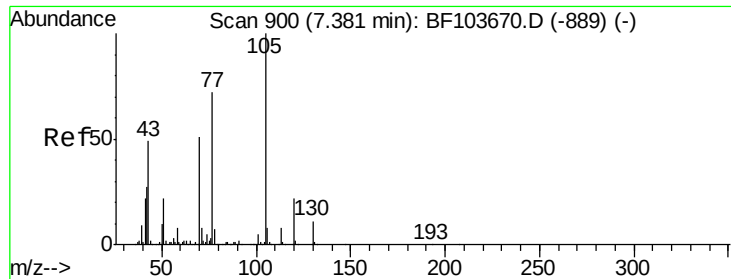
#18
Hexachloroethane
Concen: 41.787 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:	117	Resp:	184614
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	85.2	75.7	113.5



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

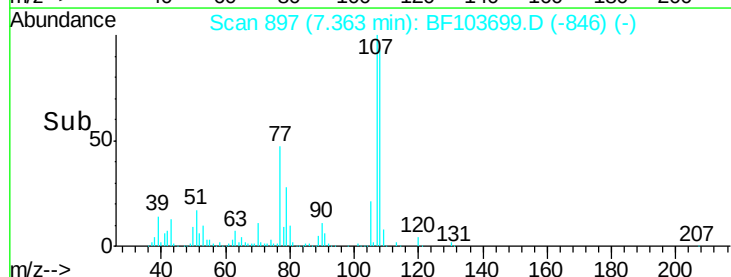
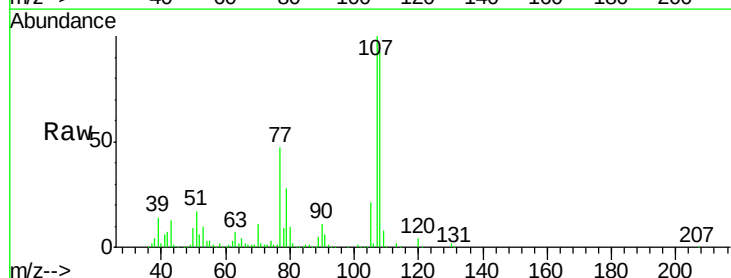
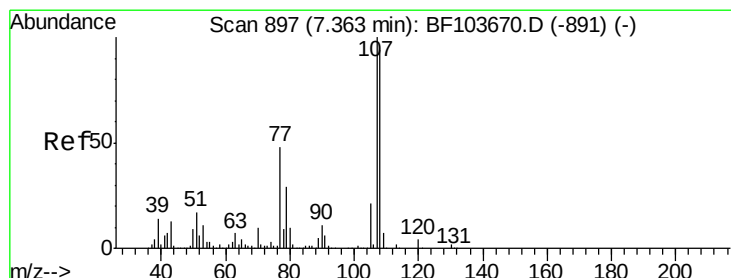
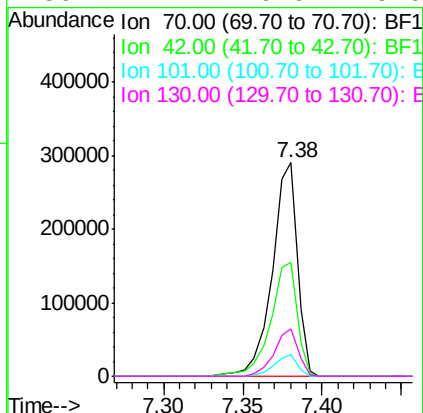




#19
n-Nitroso-di-n-propylamine
Concen: 39.109 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

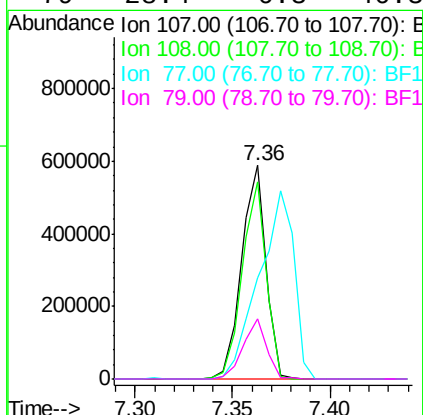
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

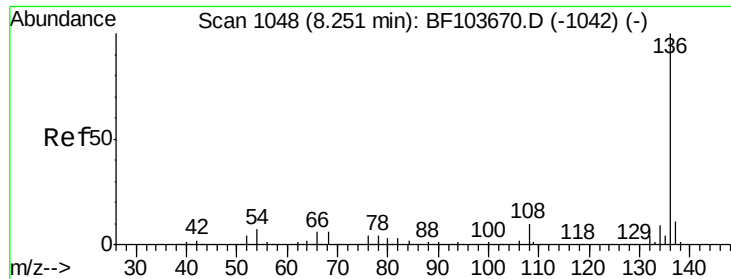
Tot Ion:	70	Resp:	321231
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	10.2	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.996 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:	107	Resp:	508443
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.2	108.2
77	47.3	26.7	66.7
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 666053

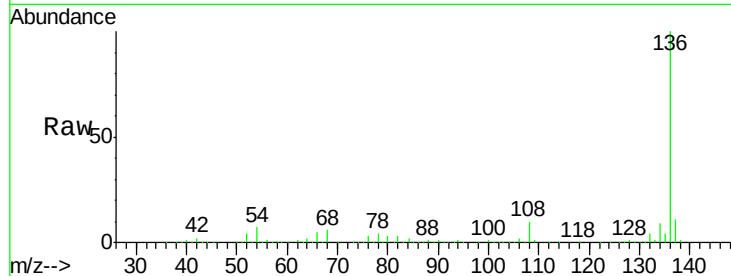
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.0 5.0 7.4

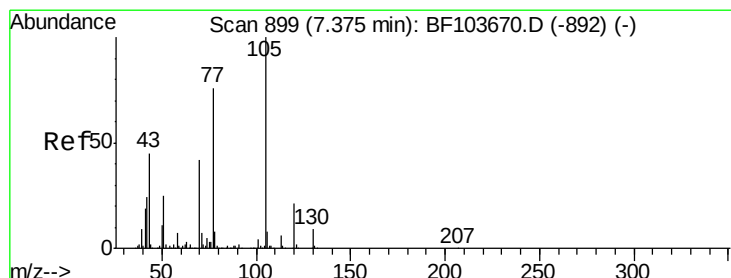
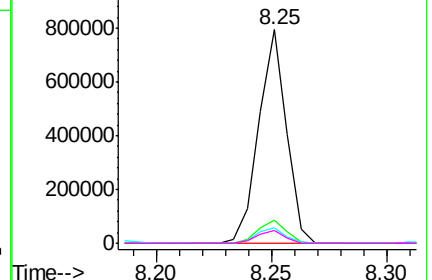
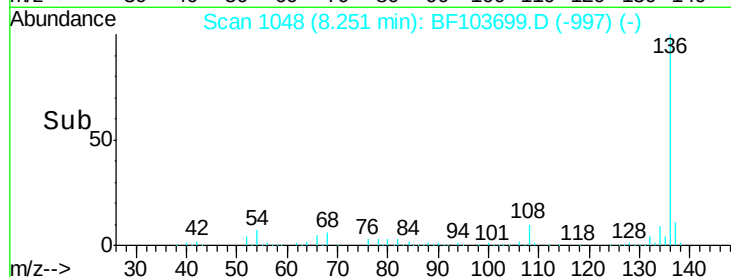


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.691 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Tgt Ion:105 Resp: 662317

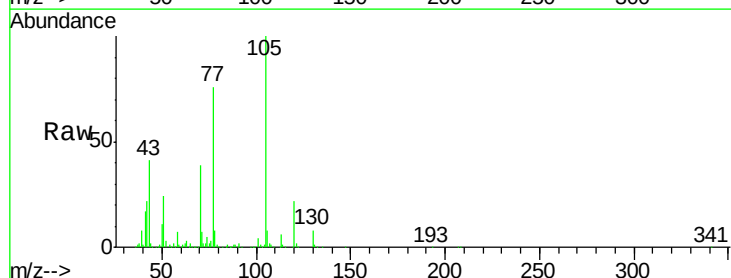
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6

51 24.2 22.3 33.5

120 22.2 16.9 25.3

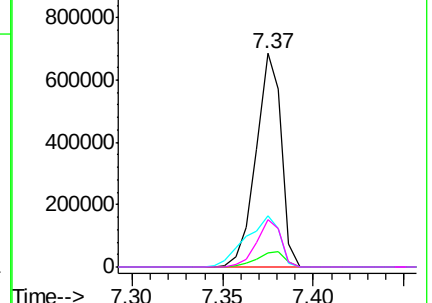
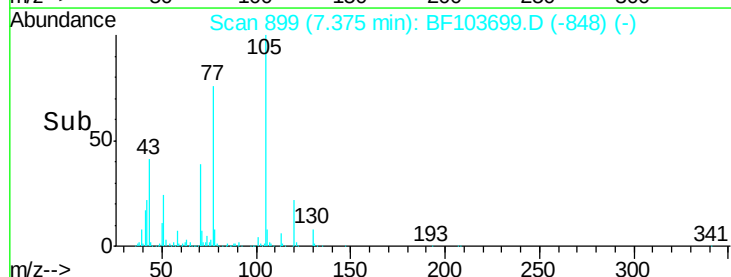


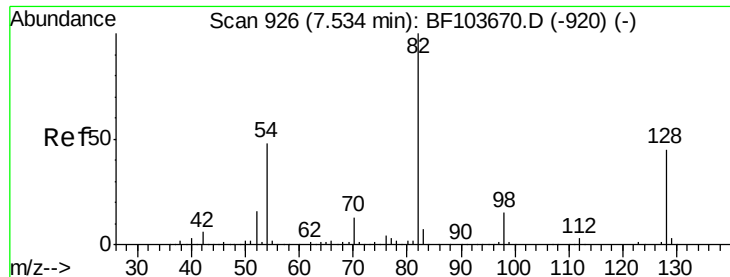
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

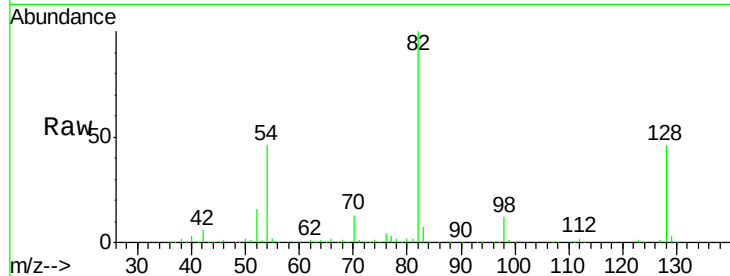




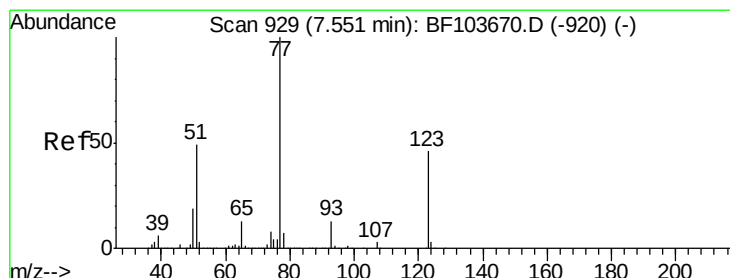
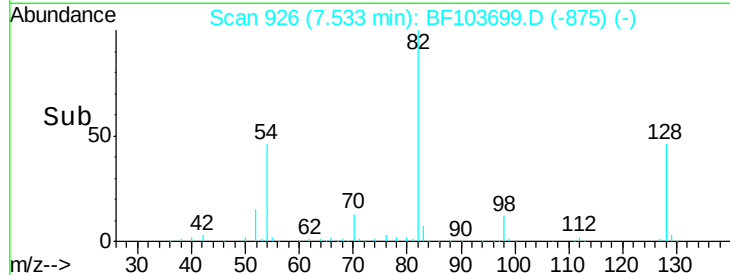
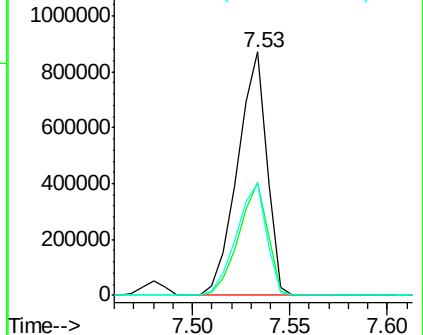
#23
 Nitrobenzene-d5
 Concen: 94.907 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 906465
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 45.8 41.4 62.2

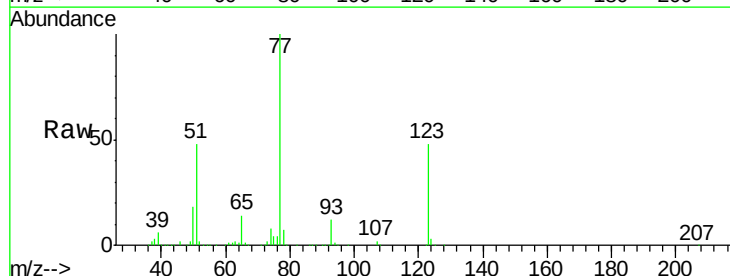


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

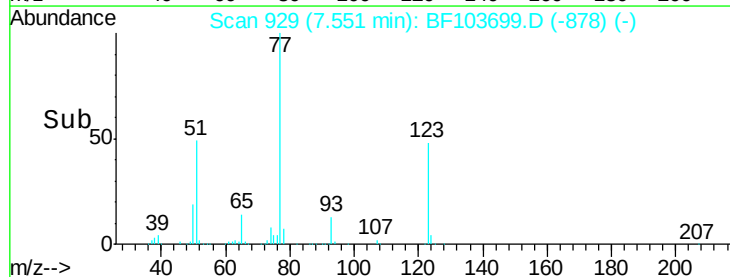
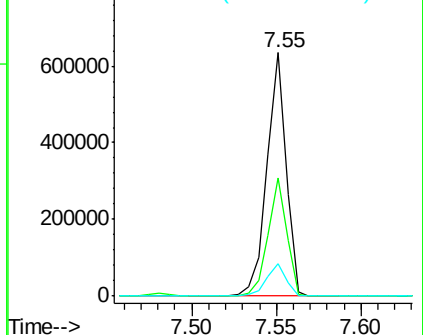


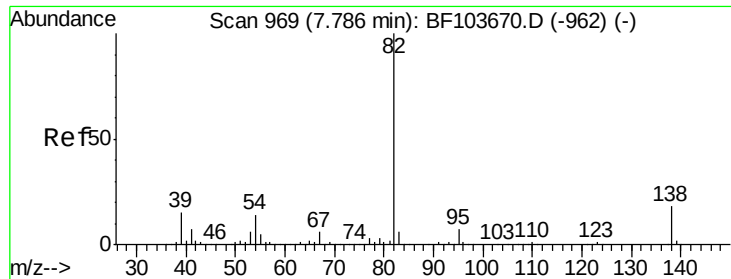
#24
 Nitrobenzene
 Concen: 44.459 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion: 77 Resp: 498517
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.9 56.9
 65 13.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.246 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

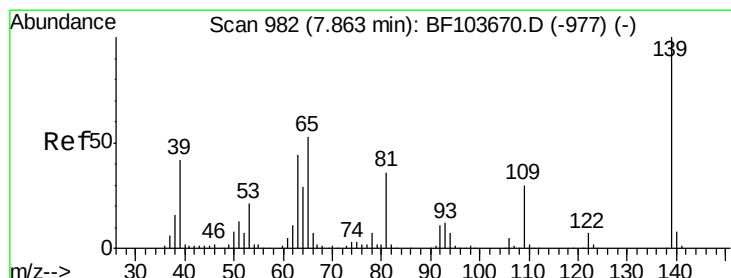
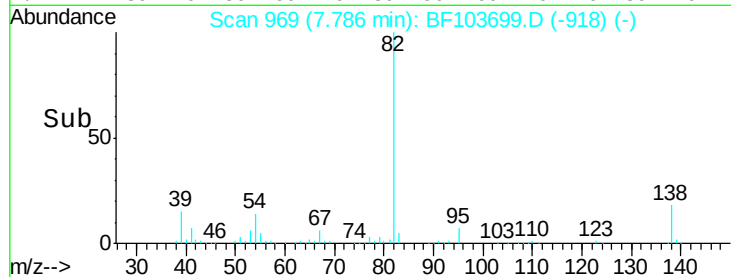
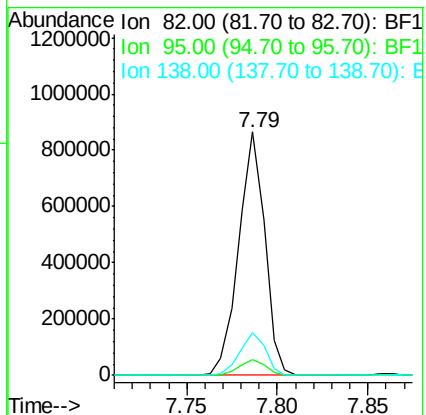
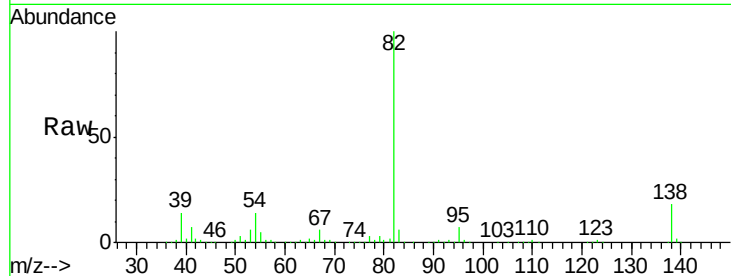
Tot Ion: 82 Resp: 867740

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 51.954 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

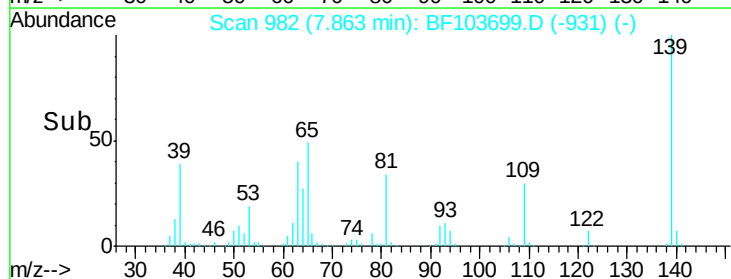
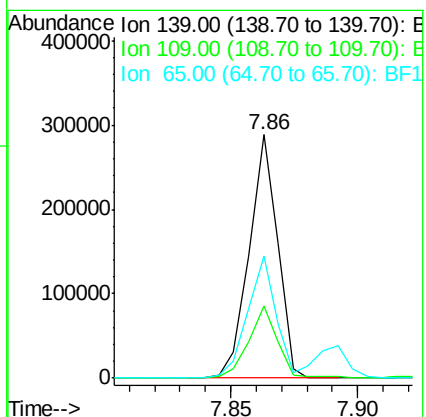
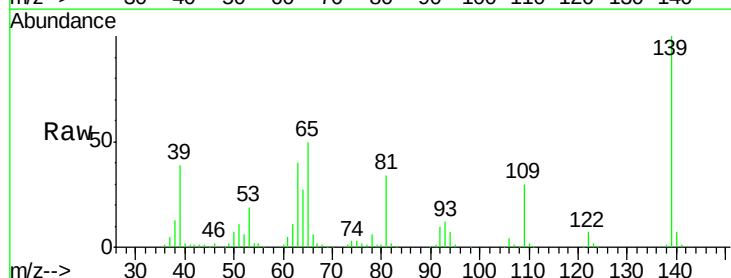
Tgt Ion: 139 Resp: 225775

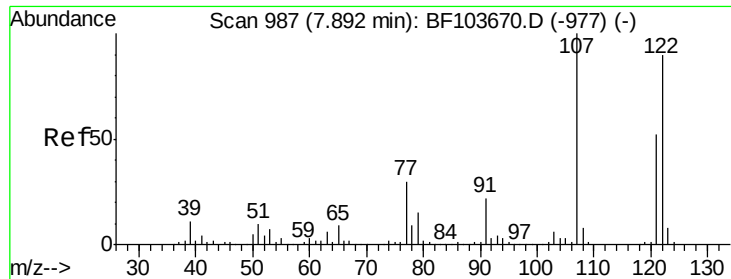
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 49.9 40.5 60.7

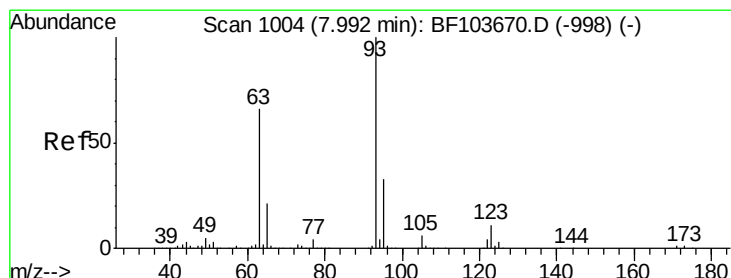
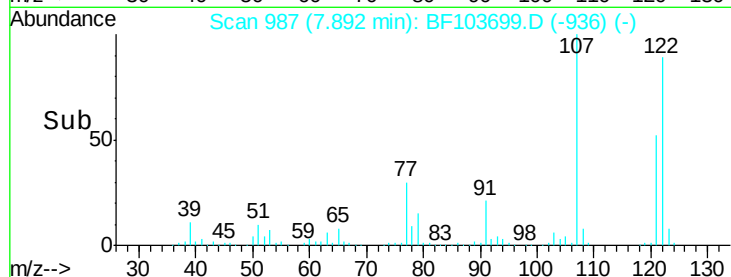
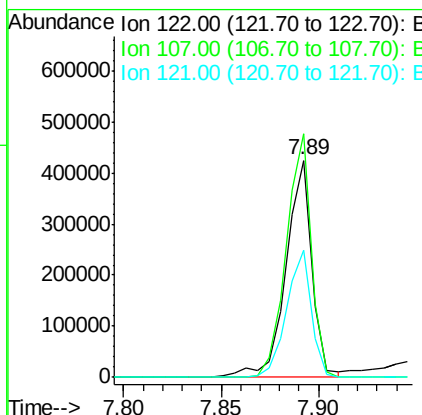
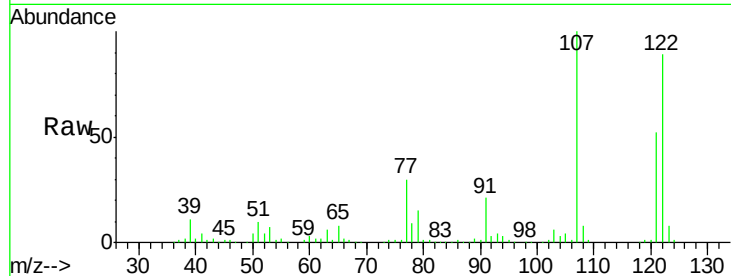




#27
2,4-Dimethylphenol
Concen: 41.348 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

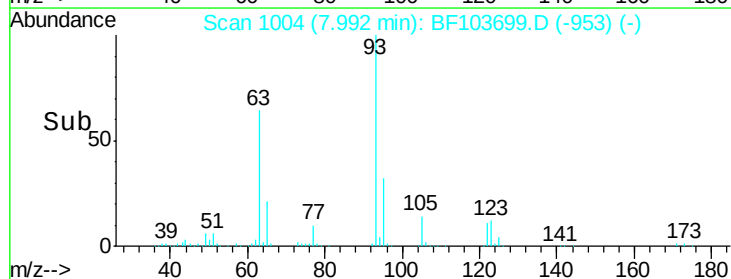
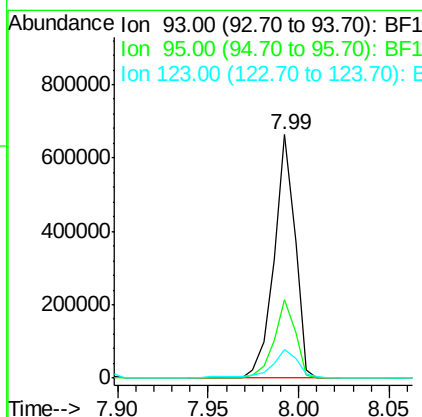
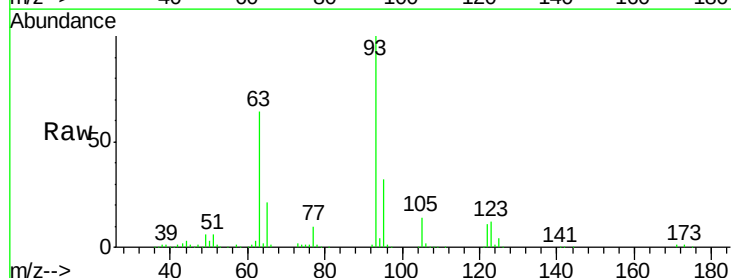
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

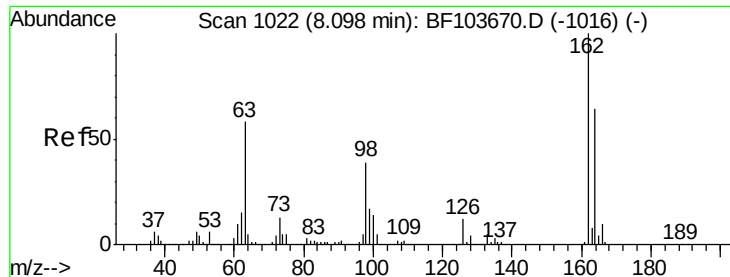
Tot Ion:122 Resp: 391649
Ion Ratio Lower Upper
122 100
107 112.2 91.2 136.8
121 58.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.636 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion: 93 Resp: 530670
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 11.7 9.8 14.6

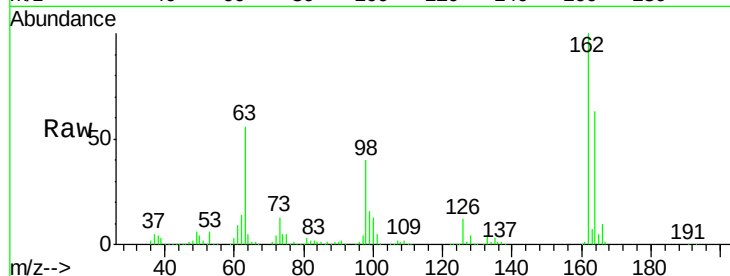




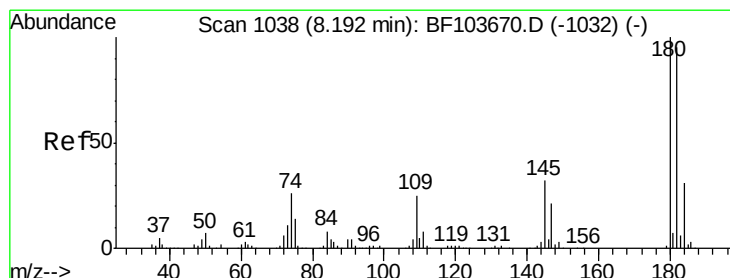
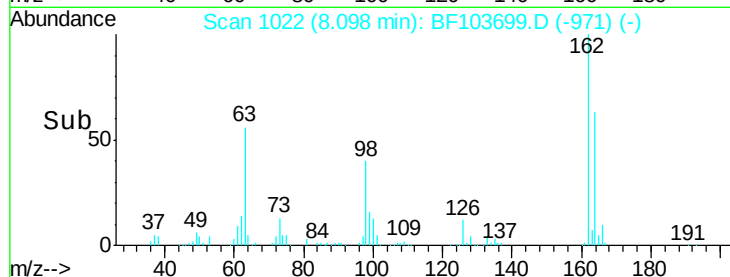
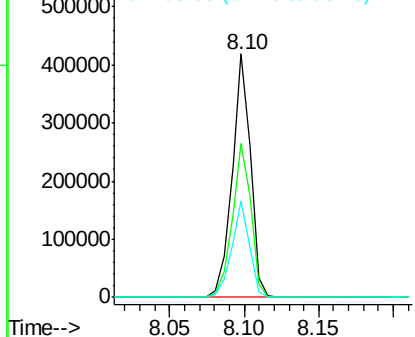
#29
2,4-Dichlorophenol
Concen: 42.283 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 364374
Ion Ratio Lower Upper
162 100
164 63.3 42.7 82.7
98 39.5 18.1 58.1

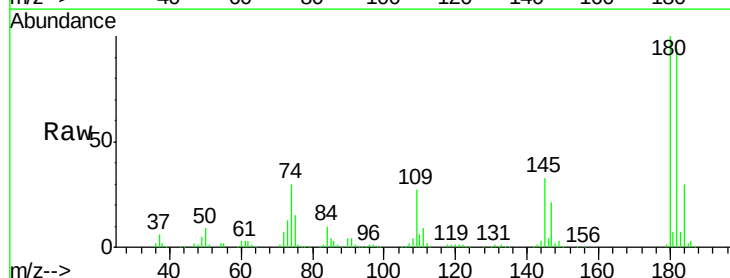


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

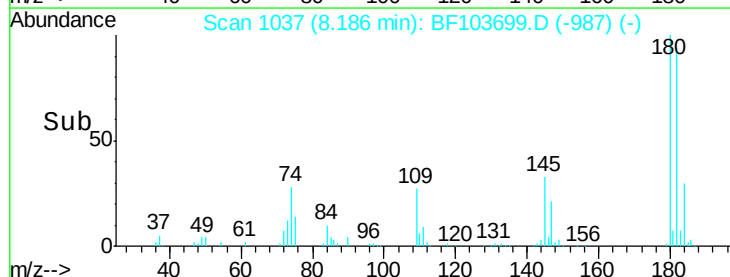
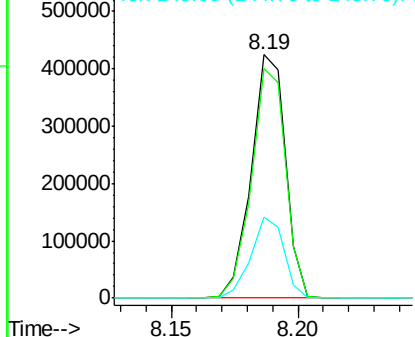


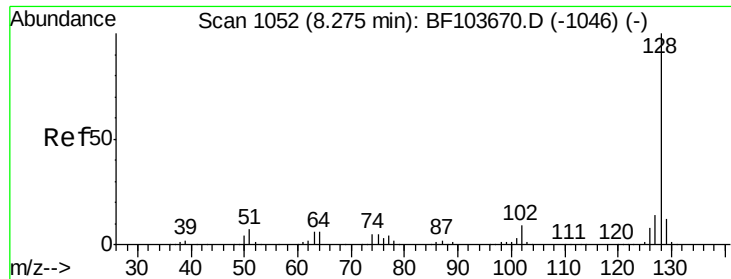
#30
1,2,4-Trichlorobenzene
Concen: 40.003 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:180 Resp: 399827
Ion Ratio Lower Upper
180 100
182 94.0 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

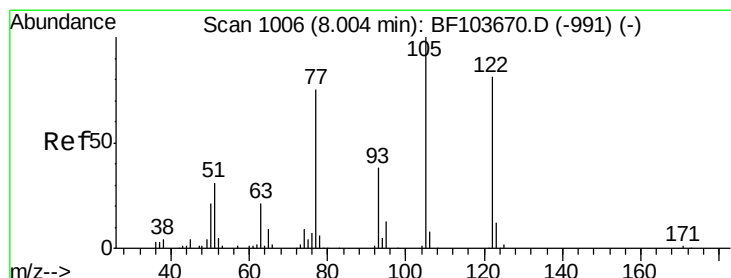
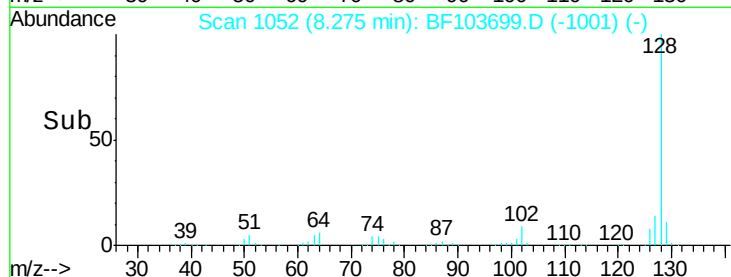
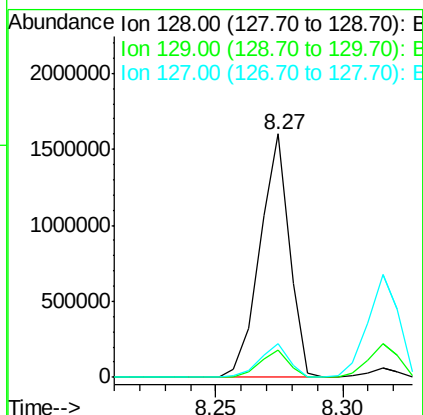
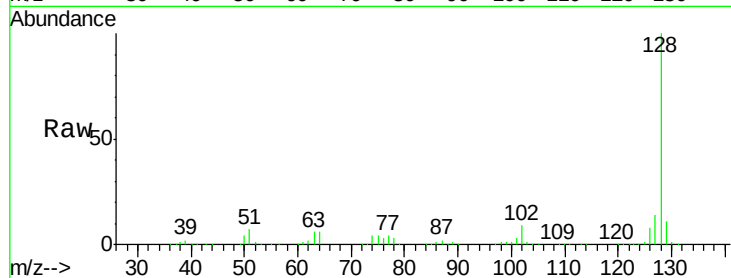




#31
Naphthalene
Concen: 38.813 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

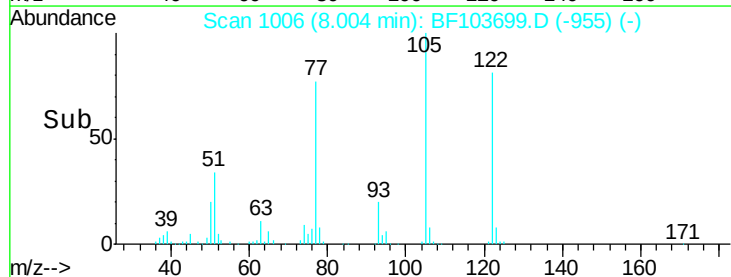
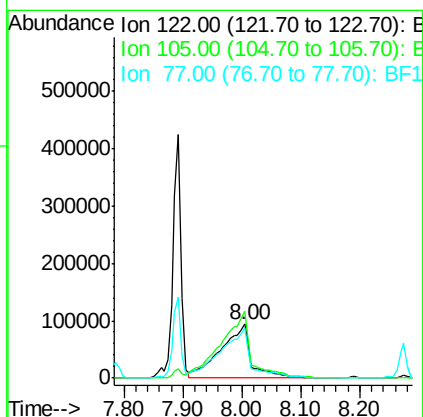
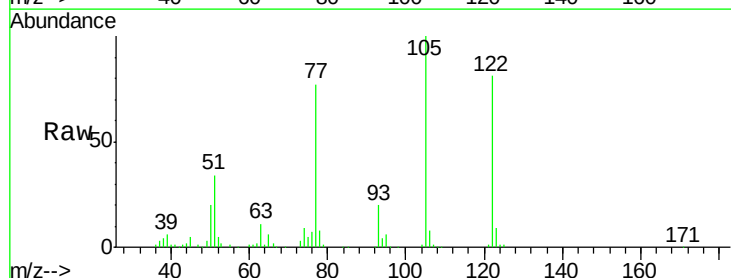
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

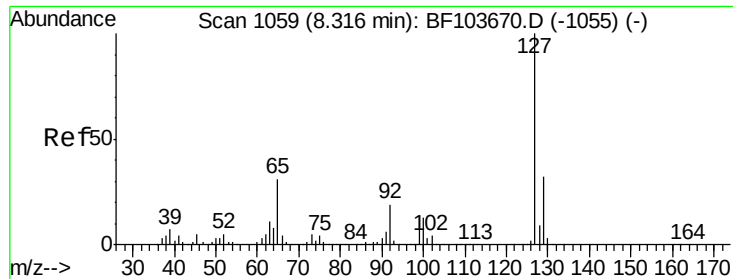
Tot Ion:128 Resp: 1305889
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 49.821 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:122 Resp: 336135
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 94.5 70.7 110.7

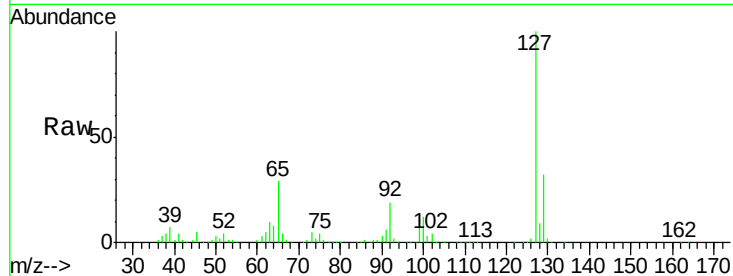




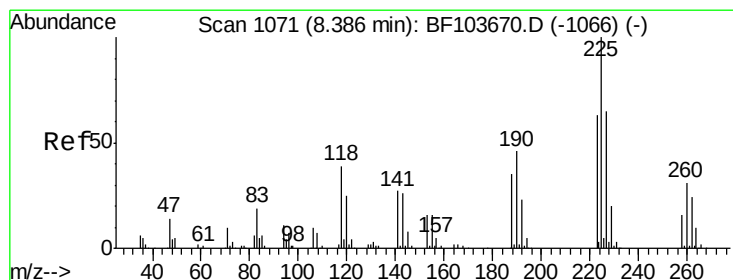
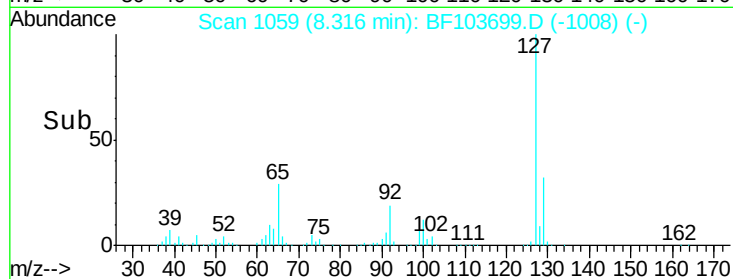
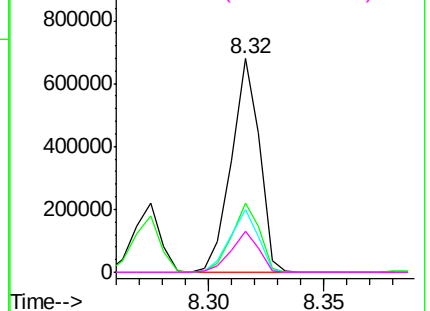
#33
4-Chloroaniline
Concen: 40.628 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	573482
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.3	25.0	37.4
92	19.2	15.2	22.8

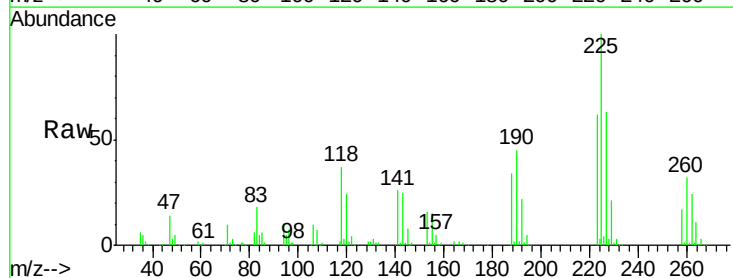


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

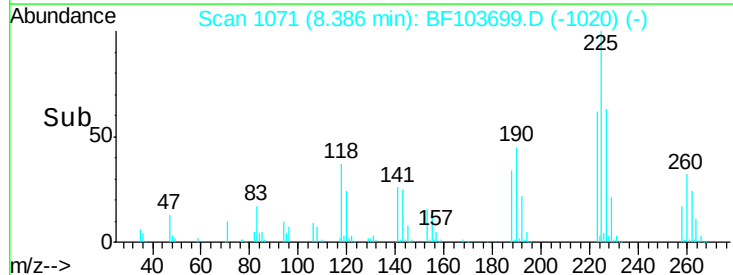
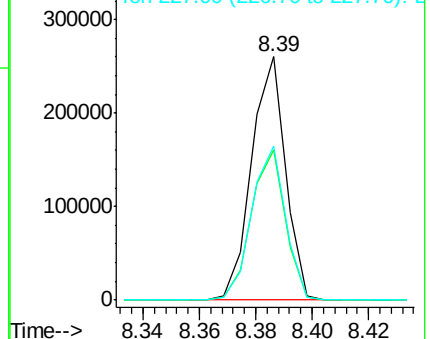


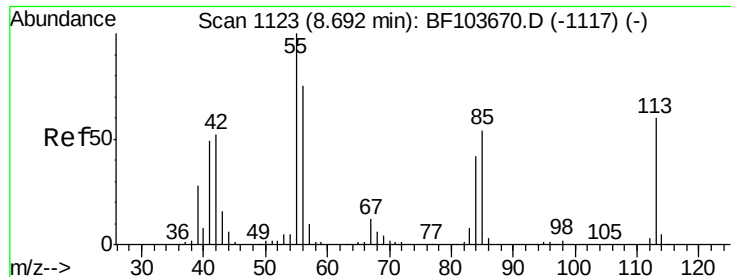
#34
Hexachlorobutadiene
Concen: 39.462 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:	225	Resp:	216253
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	63.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

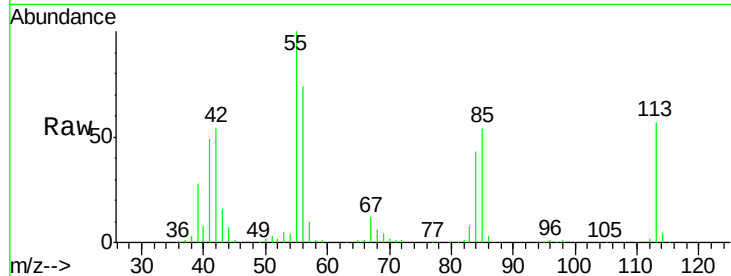




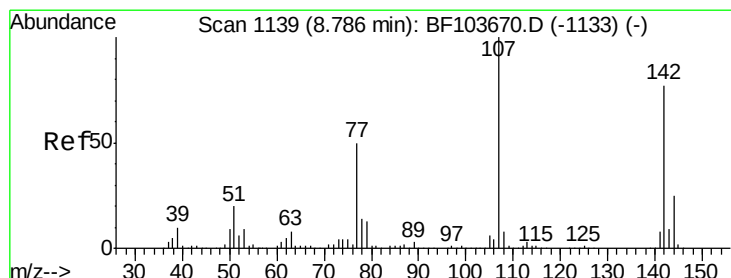
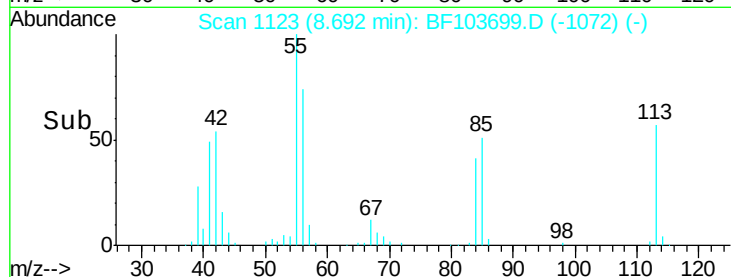
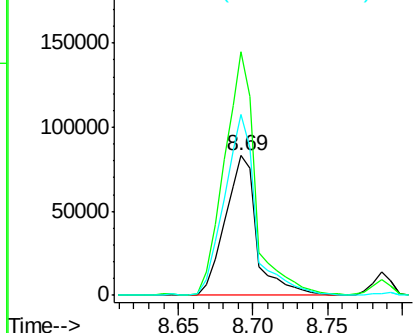
#35
 Caprolactam
 Concen: 41.953 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 124491
 Ion Ratio Lower Upper
 113 100
 55 174.3 163.3 203.3
 56 129.7 115.7 155.7

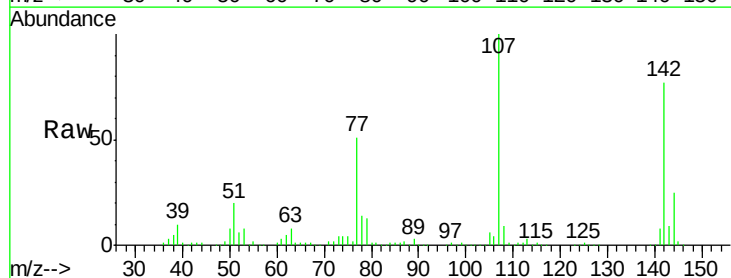


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

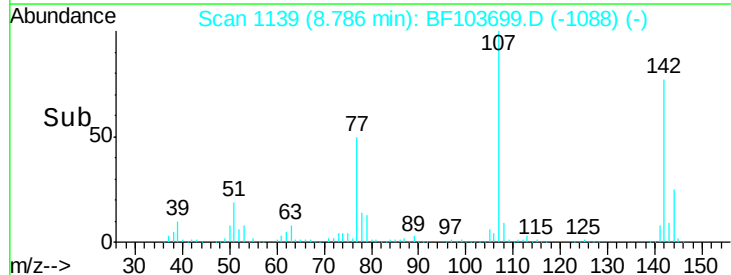
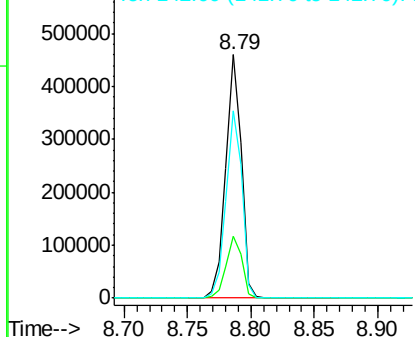


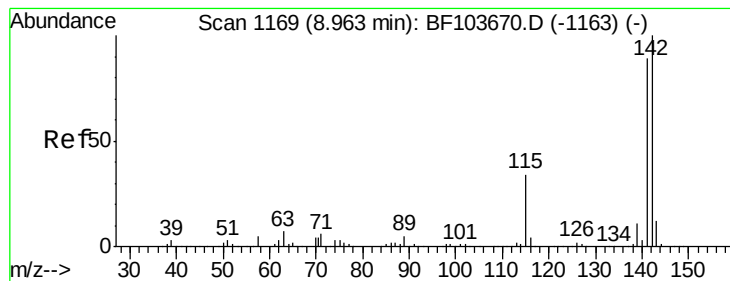
#36
 4-Chloro-3-methylphenol
 Concen: 41.455 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:107 Resp: 393827
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 76.8 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 39.346 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

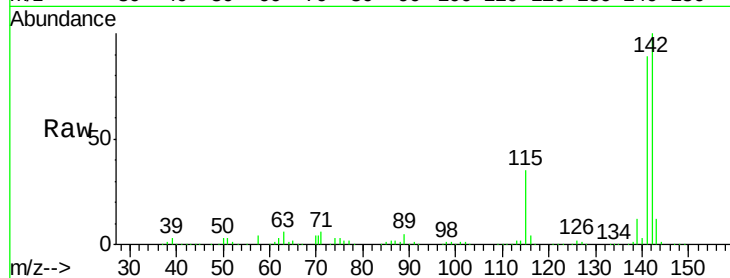
Tot Ion:142 Resp: 839500

Ion Ratio Lower Upper

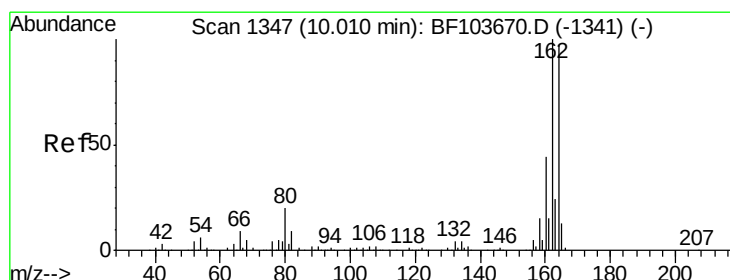
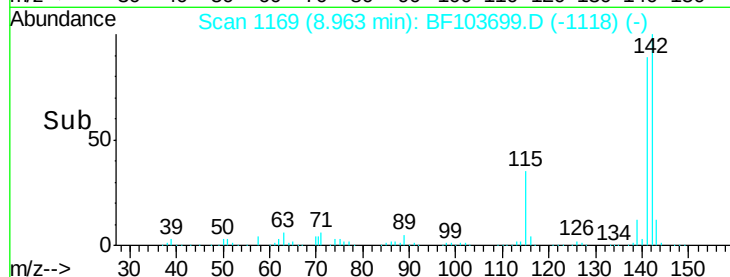
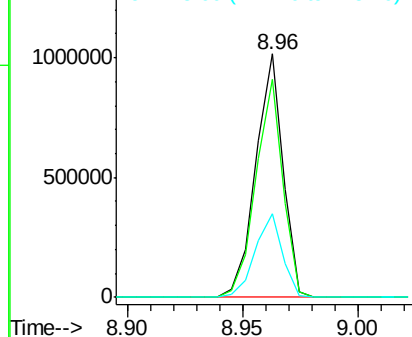
142 100

141 89.3 70.8 106.2

115 34.6 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: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

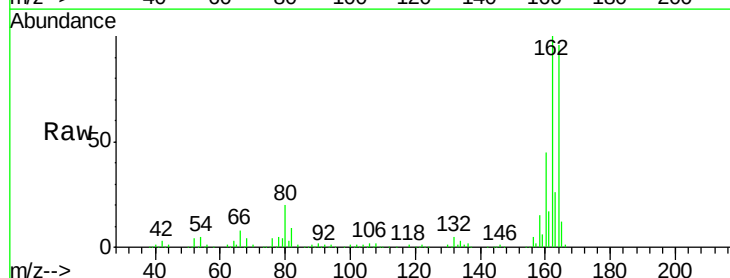
Tgt Ion:164 Resp: 313137

Ion Ratio Lower Upper

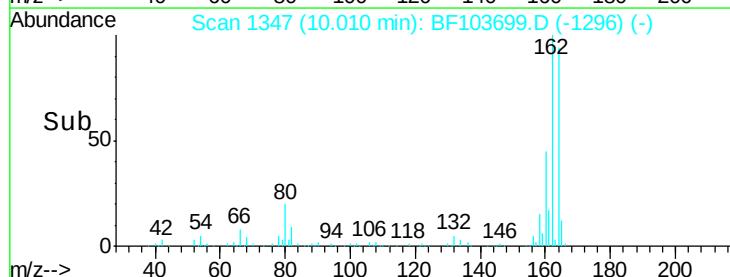
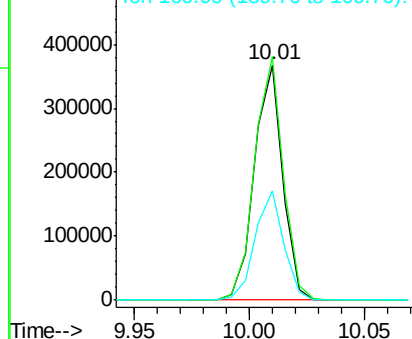
164 100

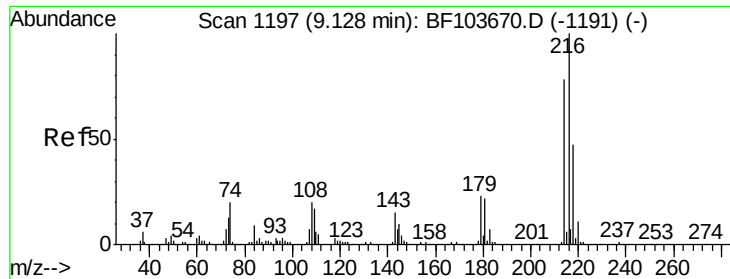
162 103.8 86.1 129.1

160 46.5 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

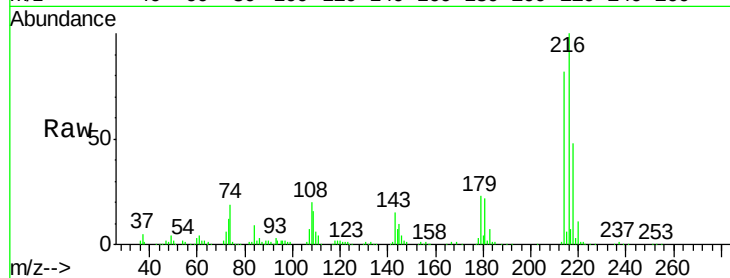




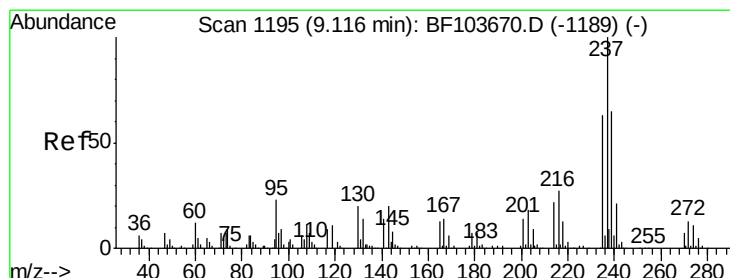
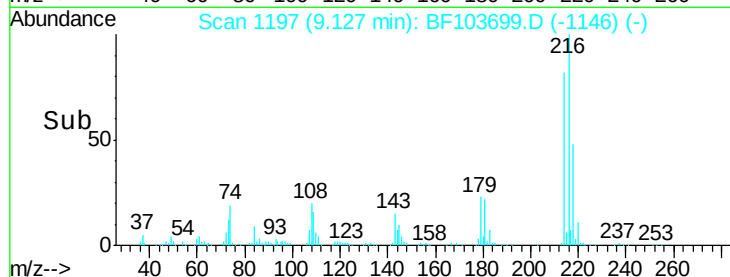
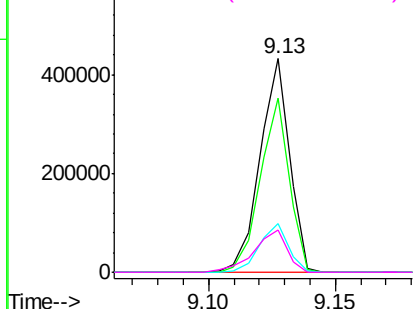
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.592 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	353688
Ion Ratio	Lower	Upper
216	100	
214	80.0	63.0 94.4
179	22.3	18.1 27.1
108	22.1	17.2 25.8

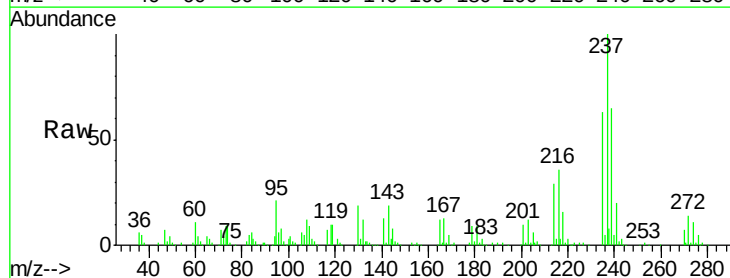


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

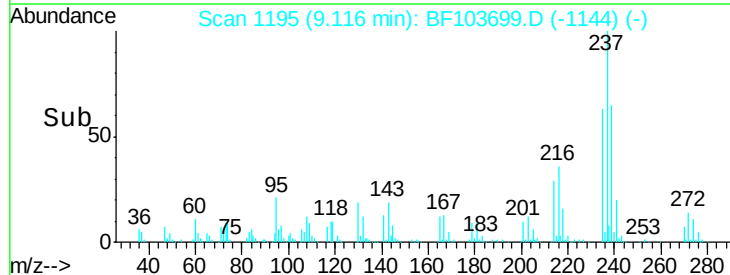
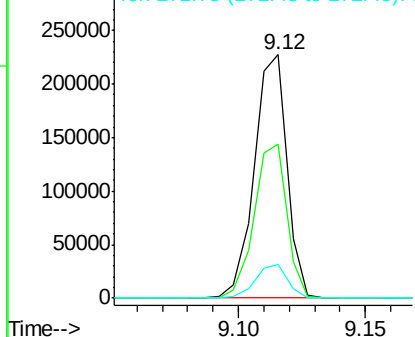


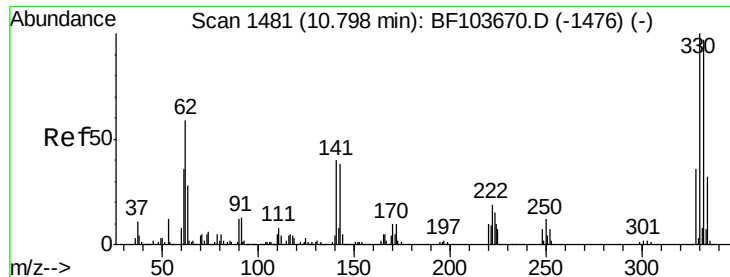
#40
 Hexachlorocyclopentadiene
 Concen: 44.435 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:237	Resp:	204830
Ion Ratio	Lower	Upper
237	100	
235	63.3	44.8 84.8
272	14.1	0.0 33.3



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

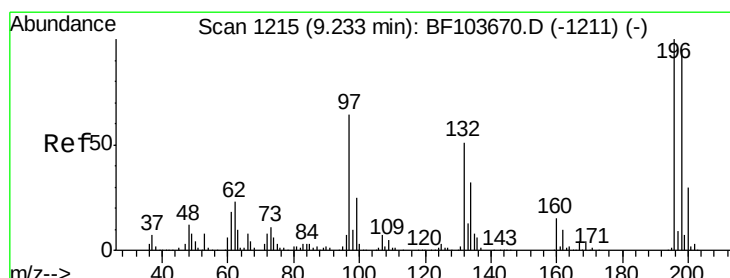
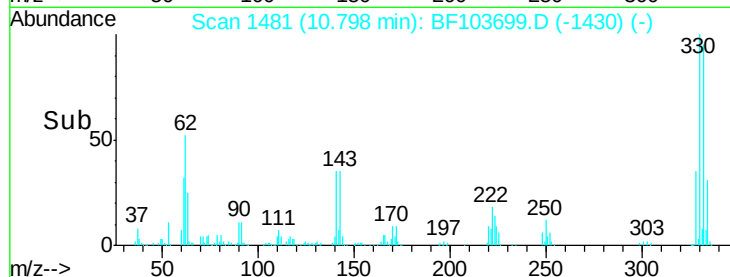
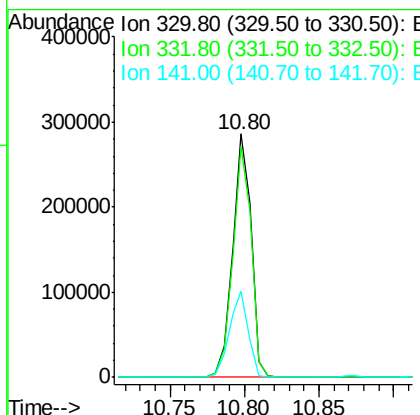
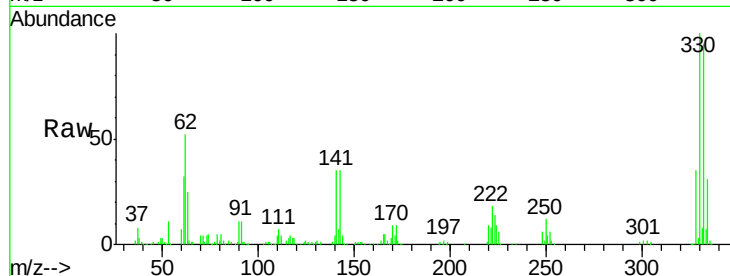




#41
 2,4,6-Tribromophenol
 Concen: 93.324 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

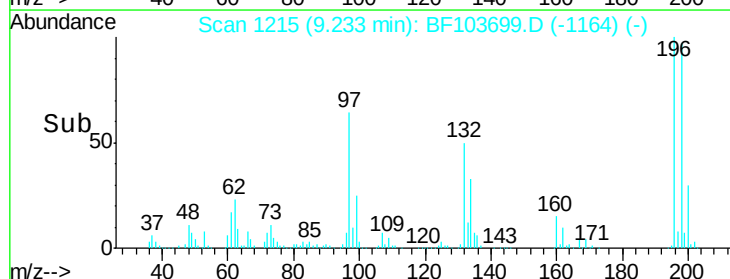
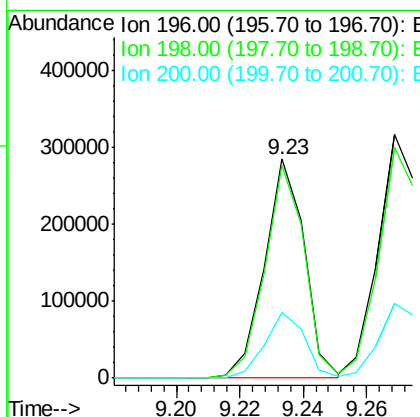
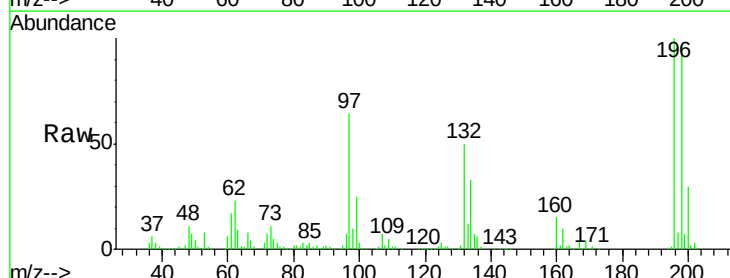
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

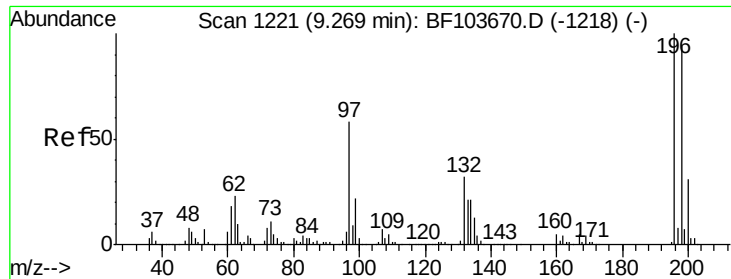
Tot Ion:330 Resp: 251262
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.522 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:196 Resp: 248689
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 30.1 24.5 36.7

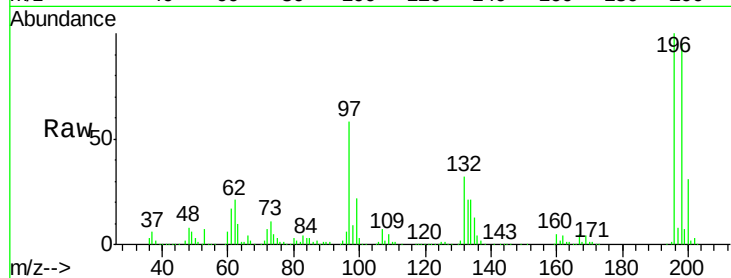




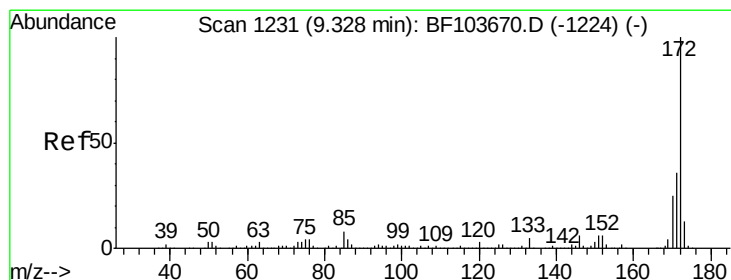
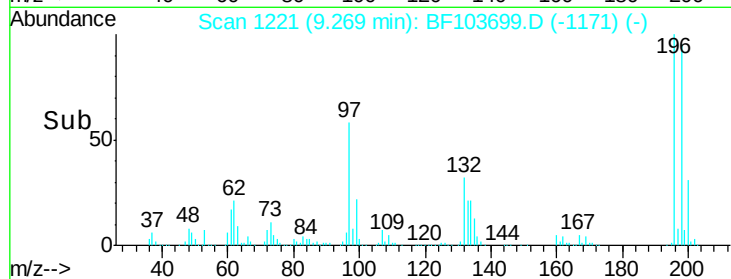
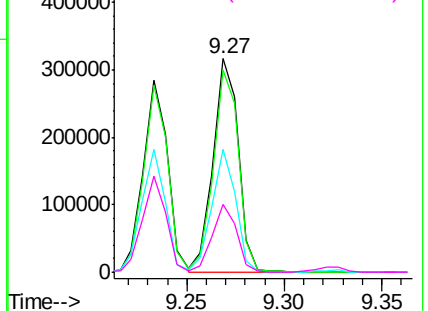
#43
 2,4,5-Trichlorophenol
 Concen: 43.944 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 283409
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 57.7 42.9 64.3
 132 31.8 26.3 39.5

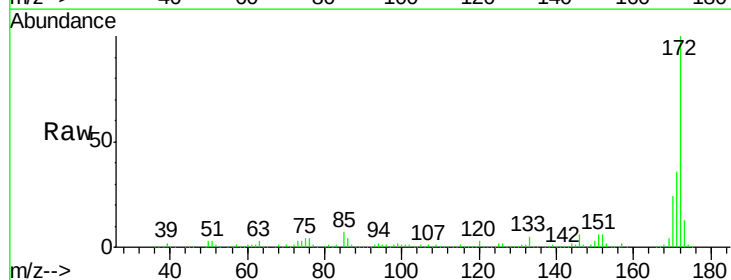


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

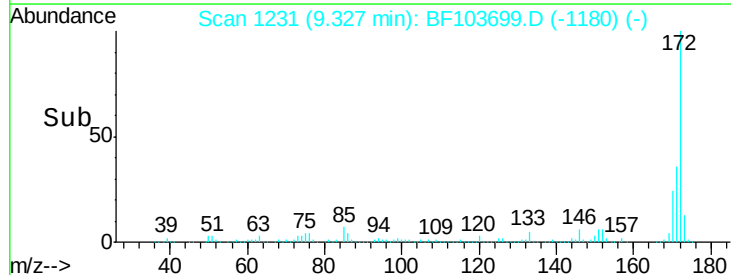
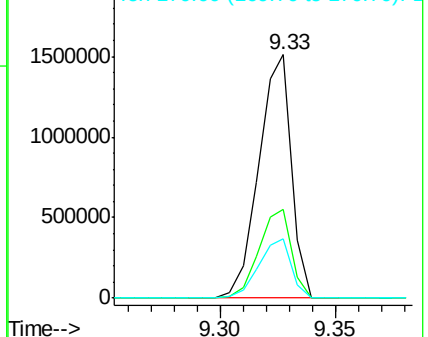


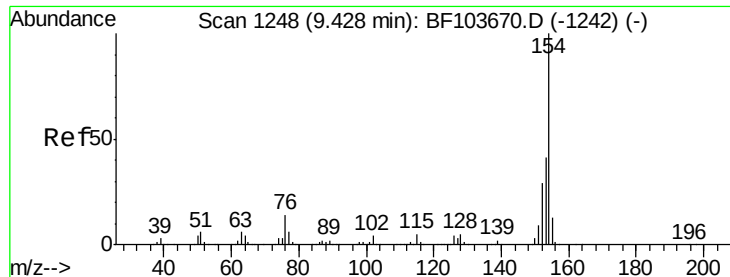
#44
 2-Fluorobiphenyl
 Concen: 75.462 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:172 Resp: 1481368
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 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: 39.098 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

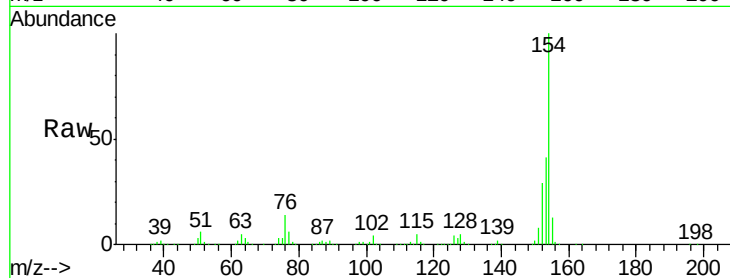
Tot Ion:154 Resp: 1020899

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

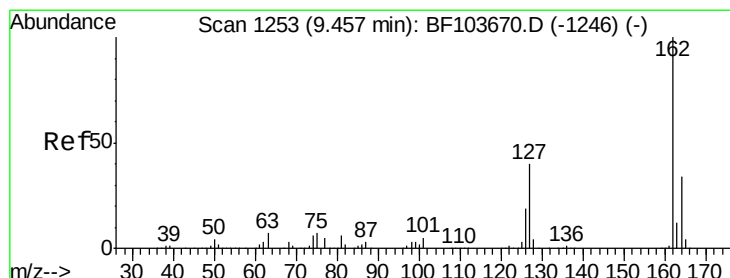
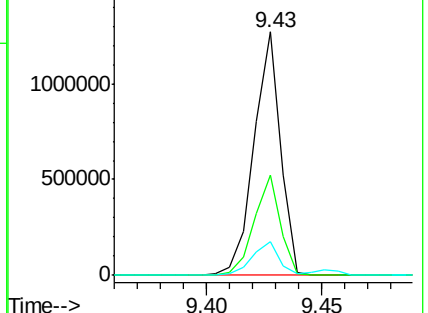
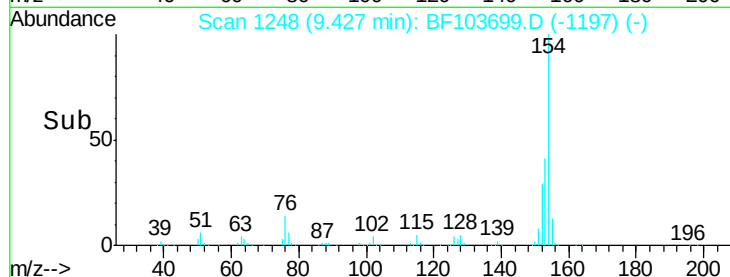
76 13.8 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 39.932 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

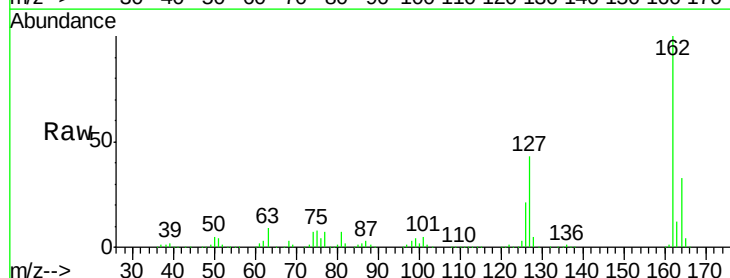
Tgt Ion:162 Resp: 828142

Ion Ratio Lower Upper

162 100

127 43.3 33.9 50.9

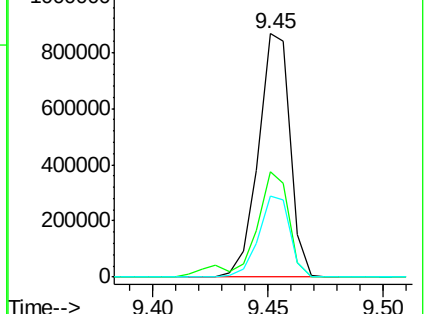
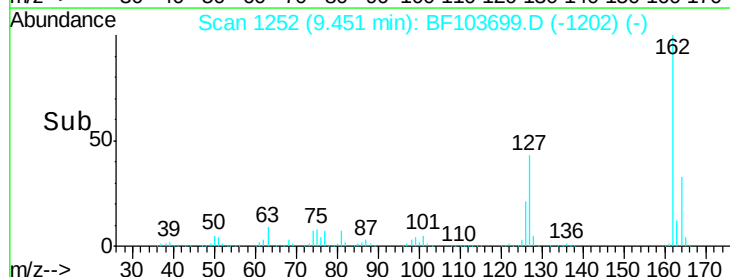
164 33.1 26.5 39.7

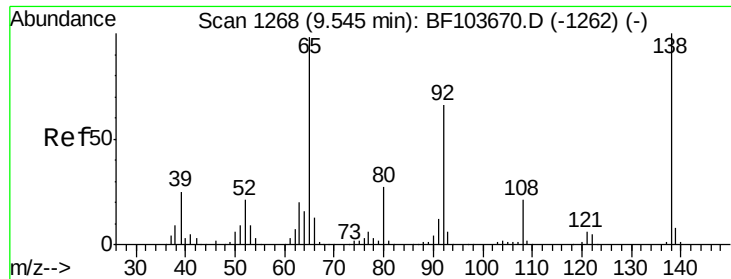


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

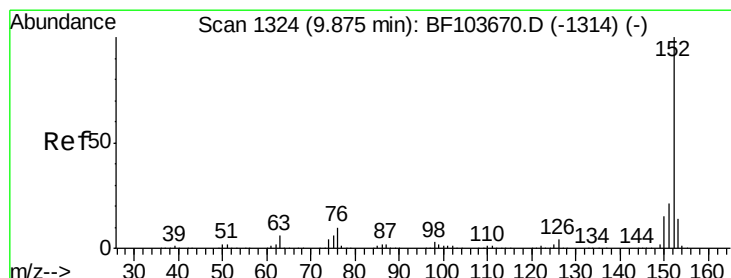
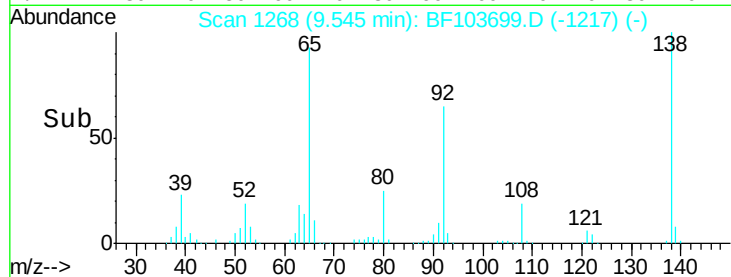
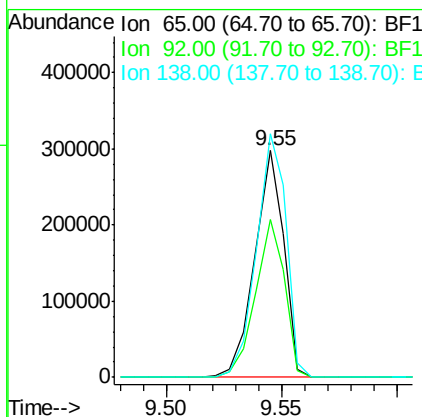
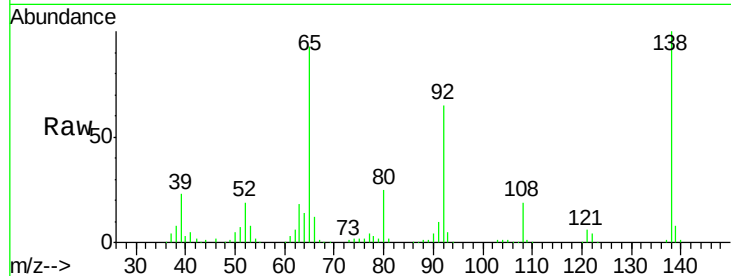




#47
 2-Nitroaniline
 Concen: 48.211 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

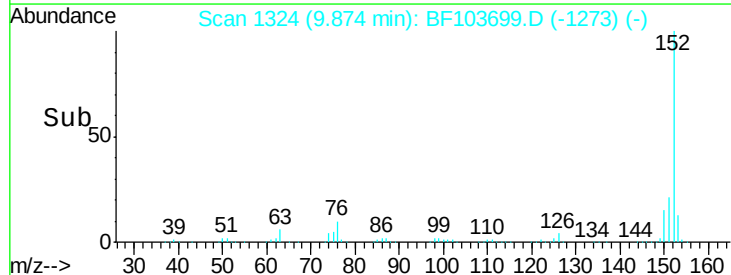
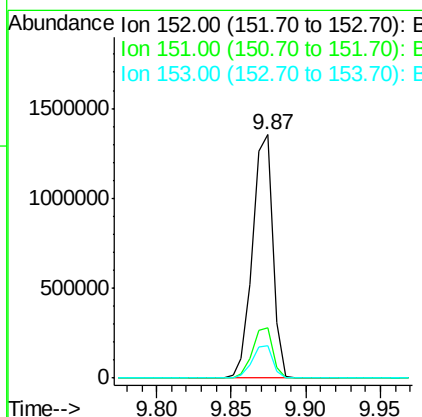
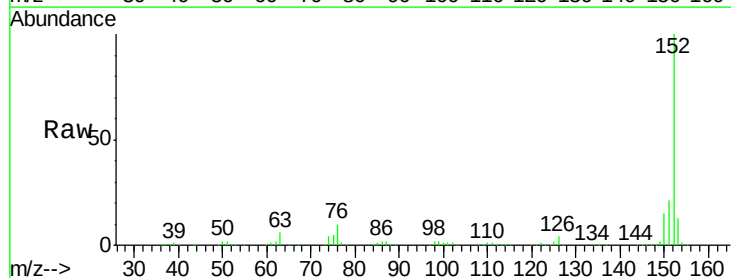
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

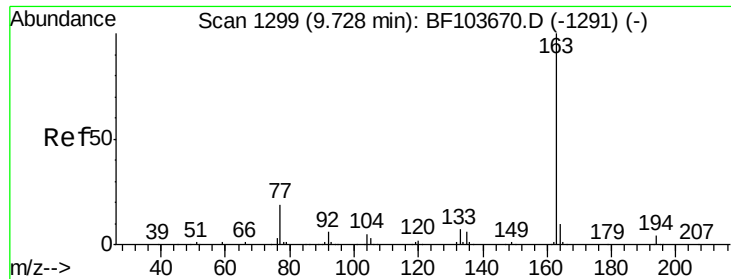
Tot Ion: 65 Resp: 261750
 Ion Ratio Lower Upper
 65 100
 92 69.7 55.8 83.6
 138 107.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.418 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion: 152 Resp: 1267662
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.2 10.7 16.1

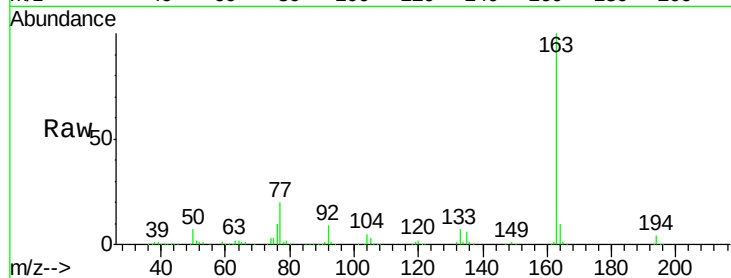




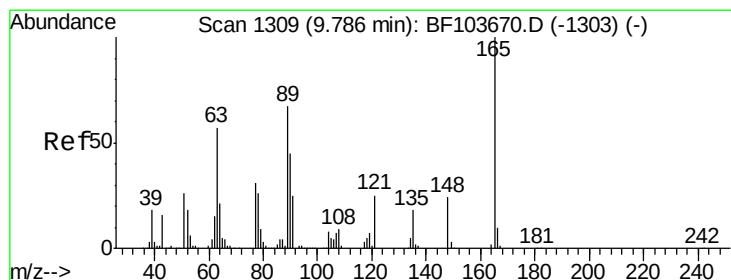
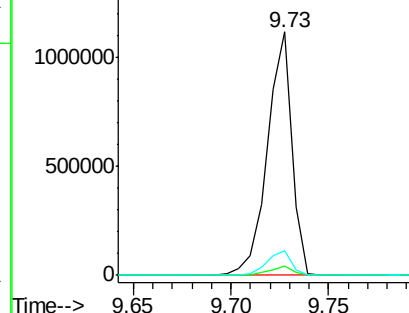
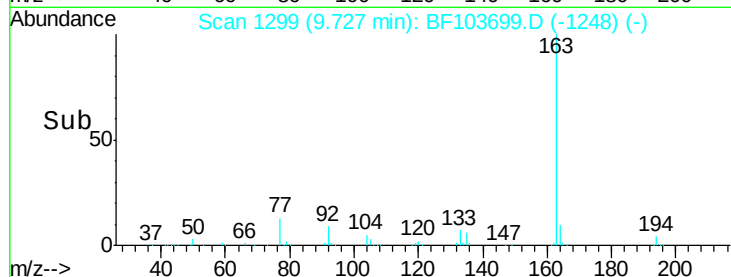
#49
Dimethylphthalate
Concen: 40.471 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 966880
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2

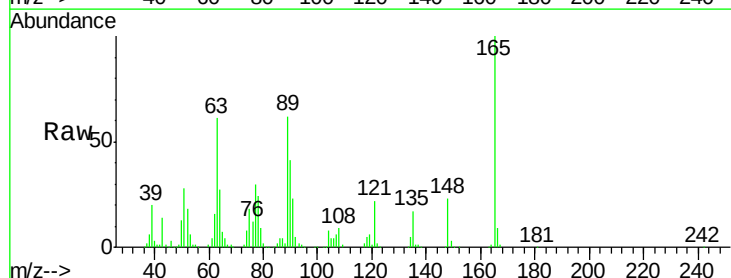


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

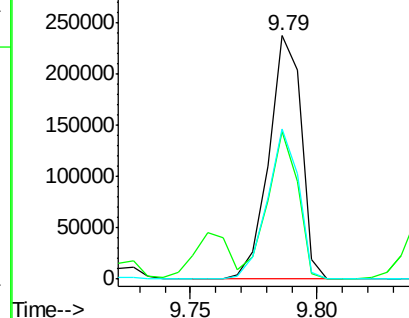
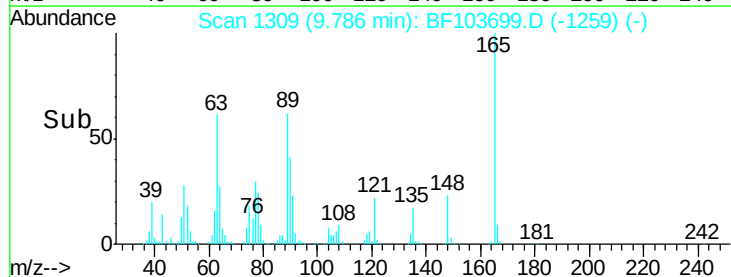


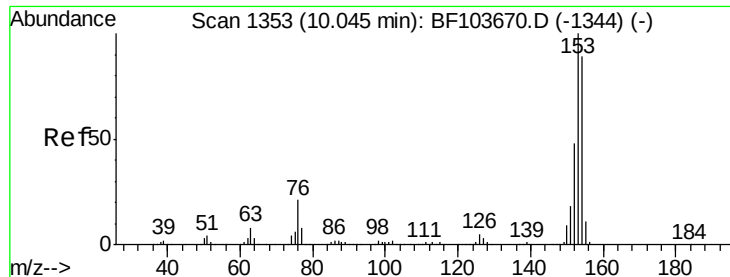
#50
2,6-Dinitrotoluene
Concen: 46.097 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:165 Resp: 212242
Ion Ratio Lower Upper
165 100
63 60.8 44.7 67.1
89 61.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.674 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

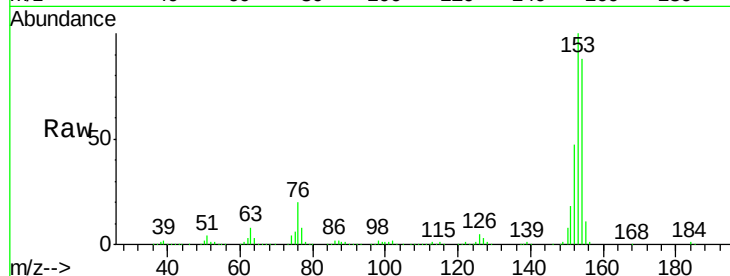
Tot Ion:154 Resp: 776694

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

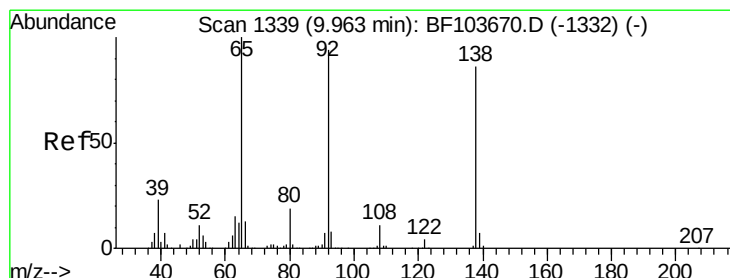
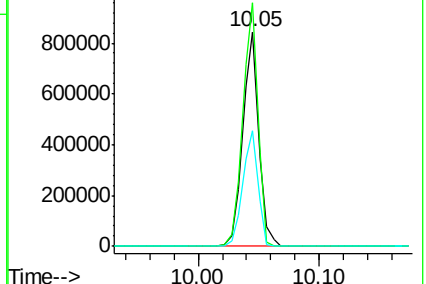
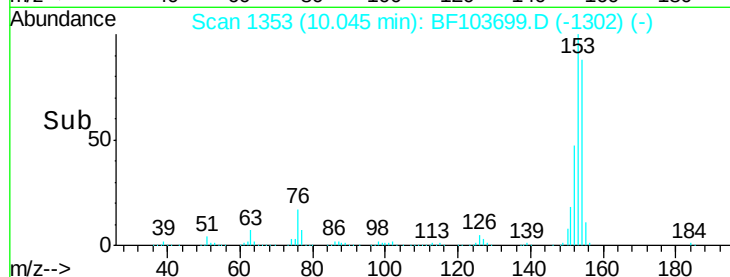
152 53.8 43.8 65.8



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: 46.240 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

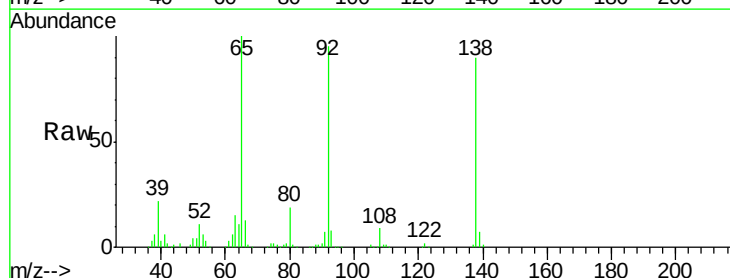
Tgt Ion:138 Resp: 255276

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

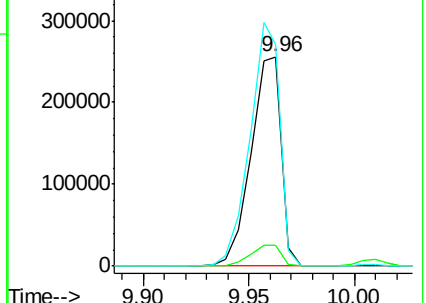
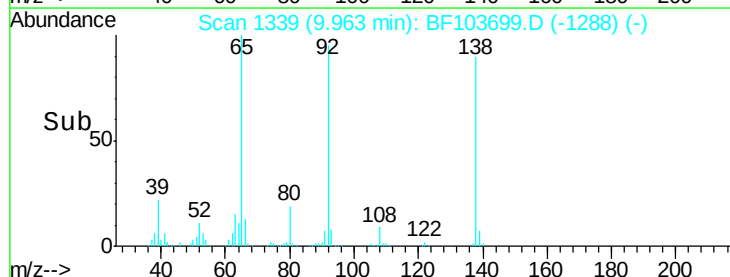
92 106.0 89.4 134.2

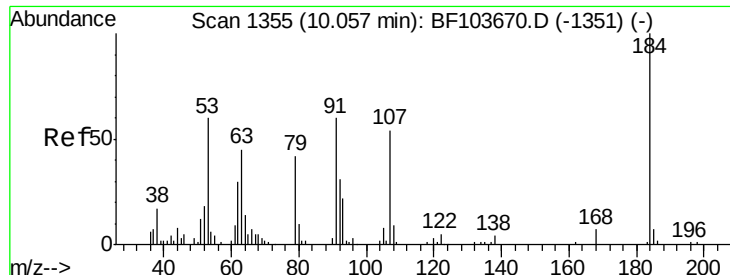


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

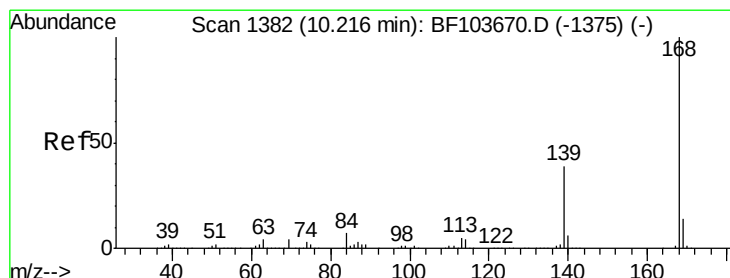
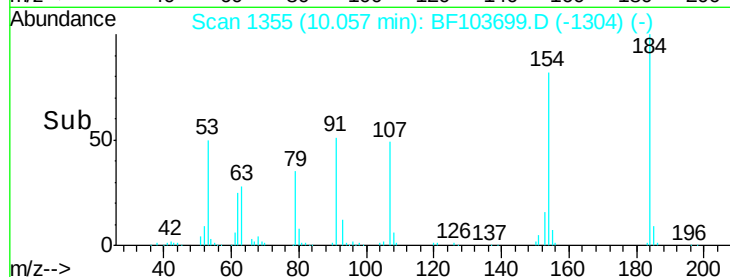
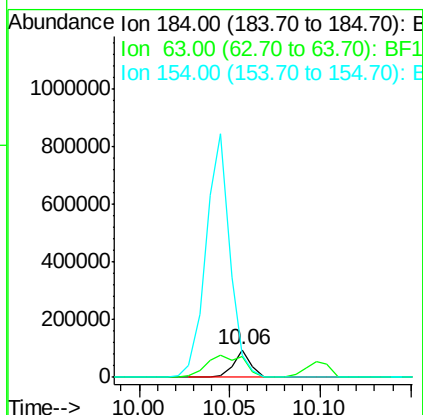
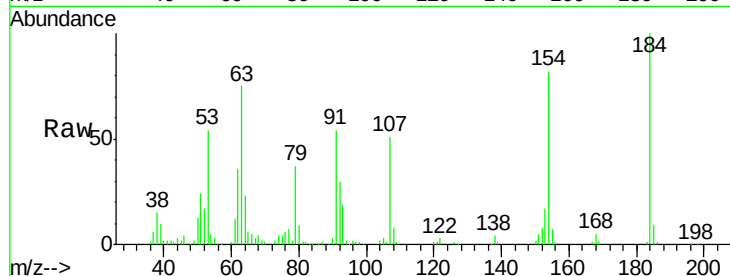




#53
2,4-Dinitrophenol
Concen: 57.585 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

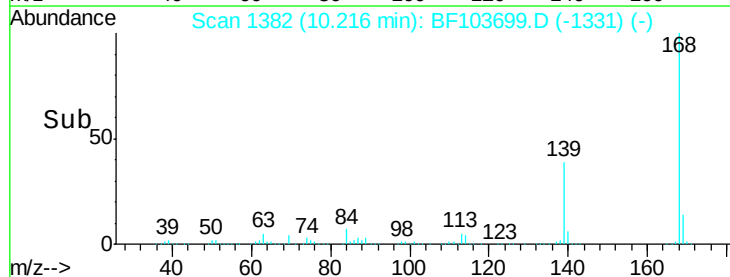
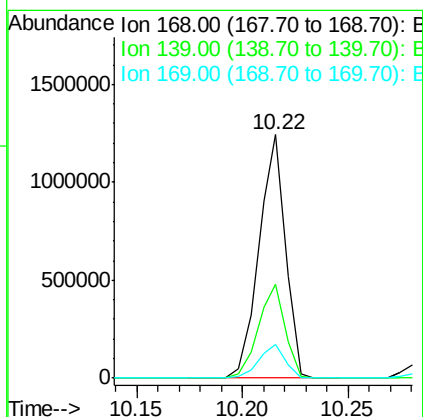
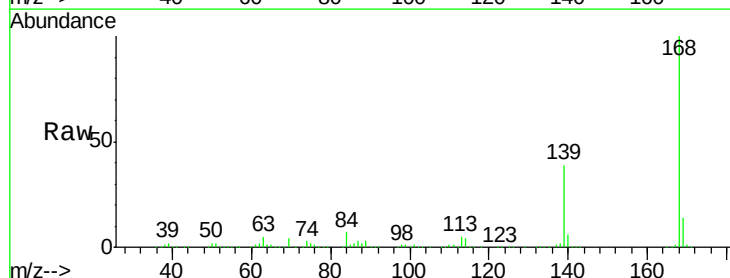
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

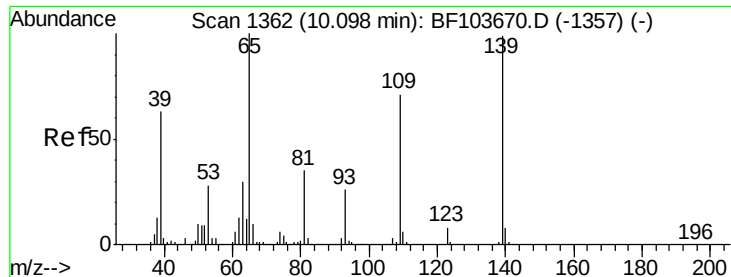
Tot Ion:184 Resp: 64269
Ion Ratio Lower Upper
184 100
63 74.8 54.2 81.2
154 82.3 184.0 276.0#



#54
Dibenzofuran
Concen: 39.668 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:168 Resp: 1081833
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.8 10.9 16.3

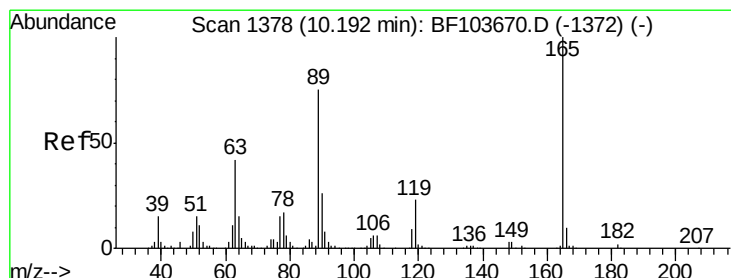
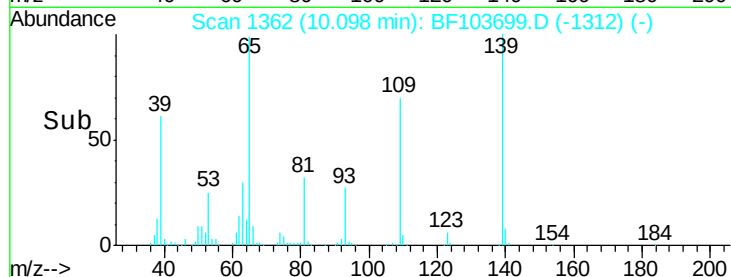
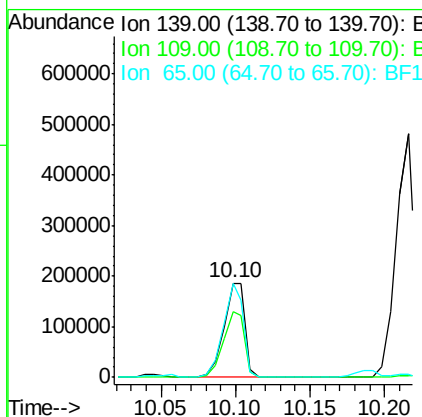
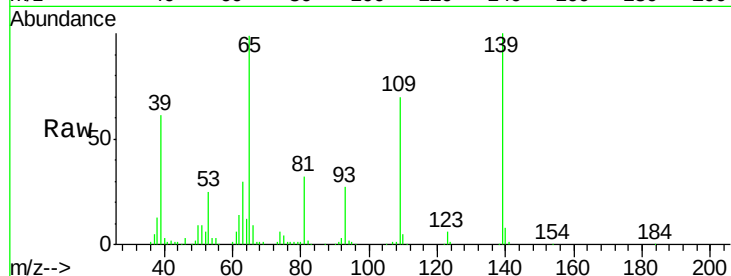




#55
4-Nitrophenol
Concen: 45.275 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

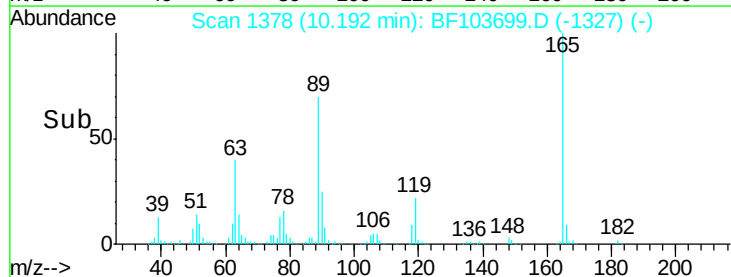
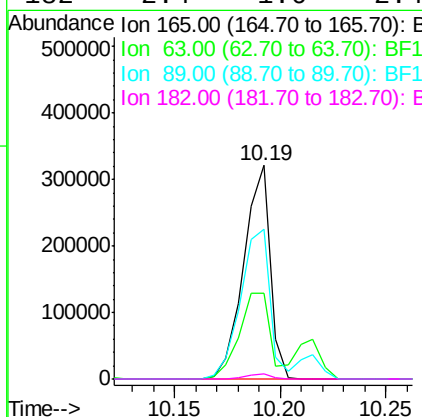
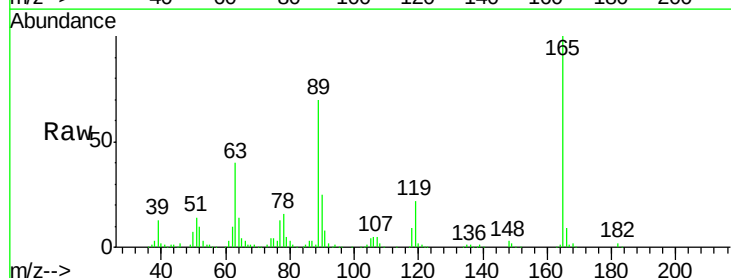
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

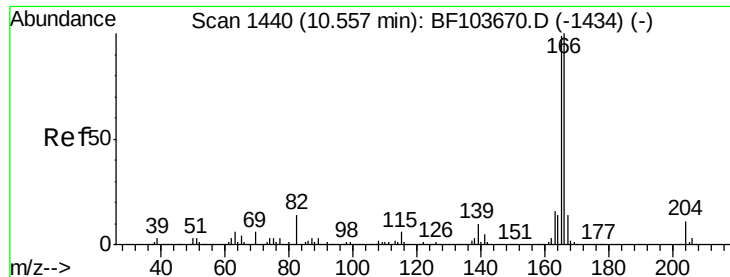
Tot Ion:139 Resp: 187970
Ion Ratio Lower Upper
139 100
109 70.0 48.4 88.4
65 99.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.826 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:165 Resp: 279869
Ion Ratio Lower Upper
165 100
63 40.1 36.4 54.6
89 69.9 57.8 86.6
182 2.4 1.6 2.4

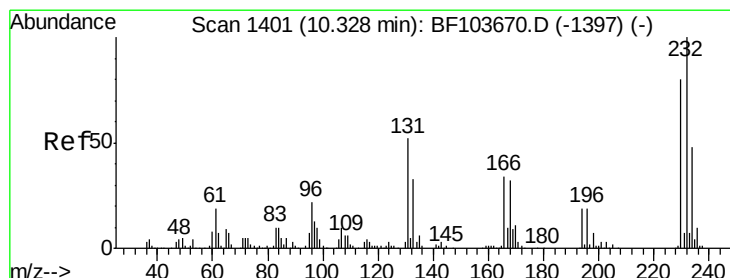
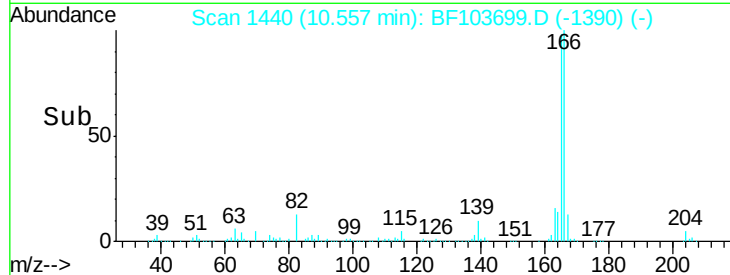
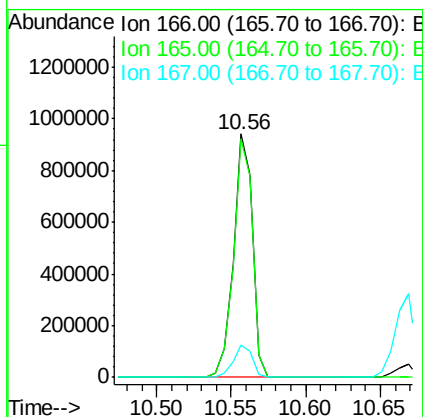
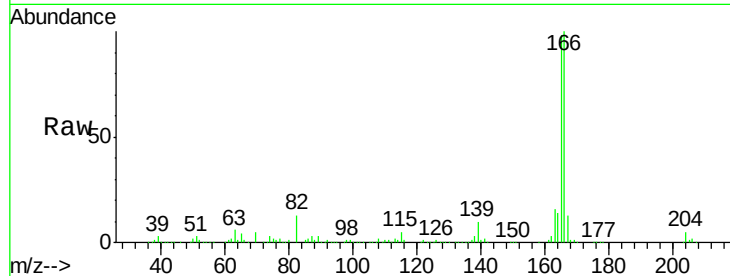




#57
 Fluorene
 Concen: 39.646 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

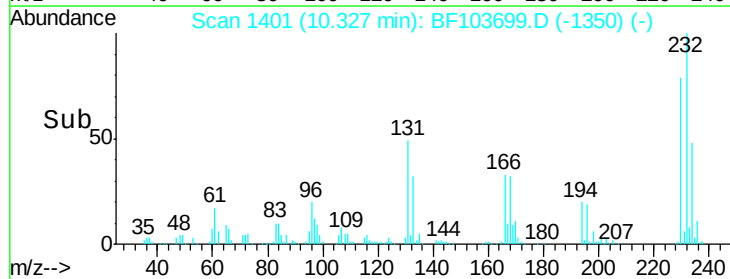
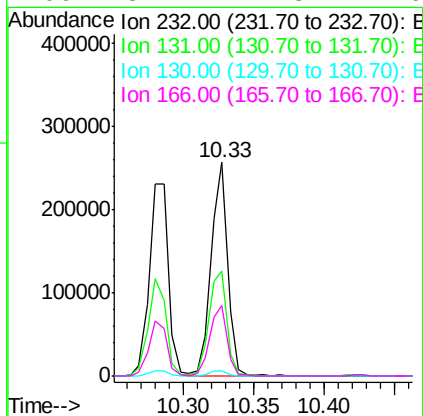
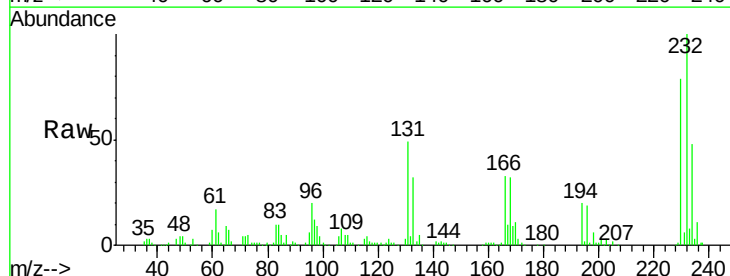
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

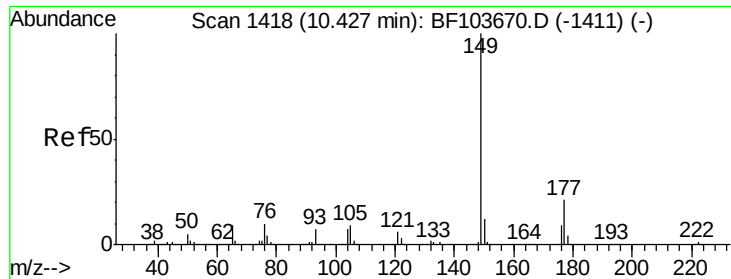
Tot Ion:166 Resp: 839022
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.752 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:232 Resp: 209081
 Ion Ratio Lower Upper
 232 100
 131 52.9 43.8 65.8
 130 2.7 2.1 3.1
 166 34.2 27.8 41.6

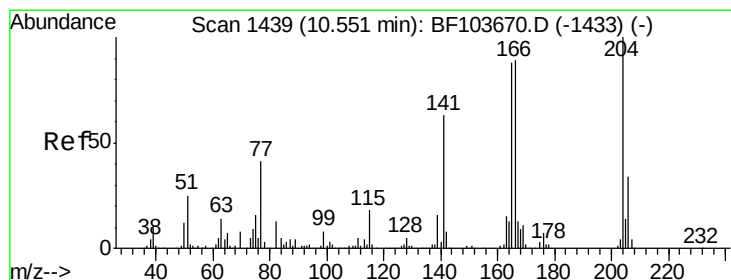
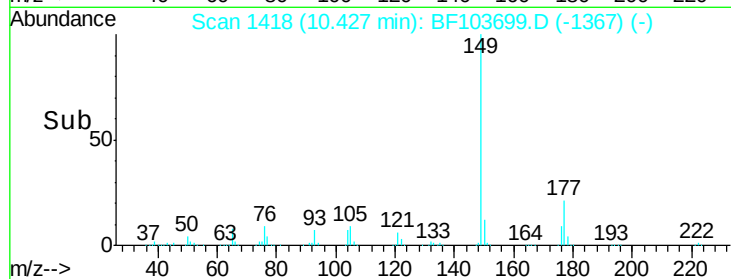
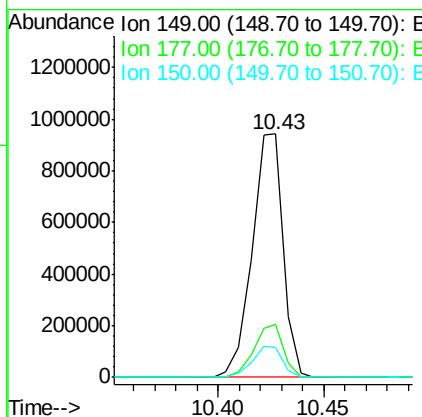
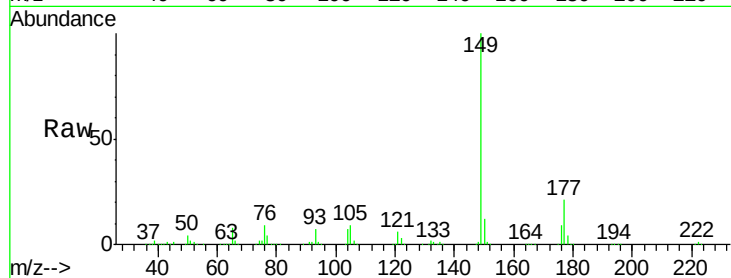




#59
Diethylphthalate
Concen: 40.521 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

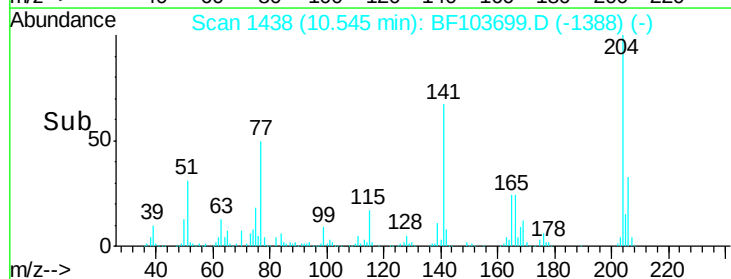
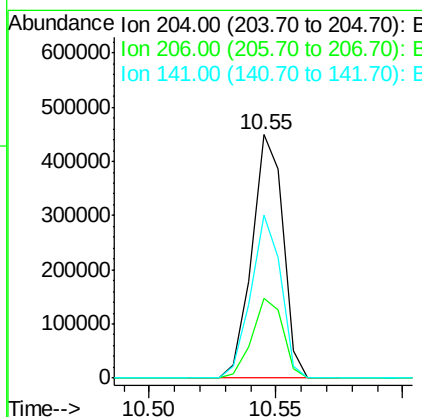
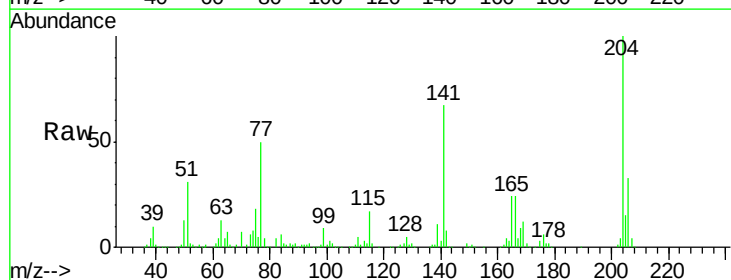
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

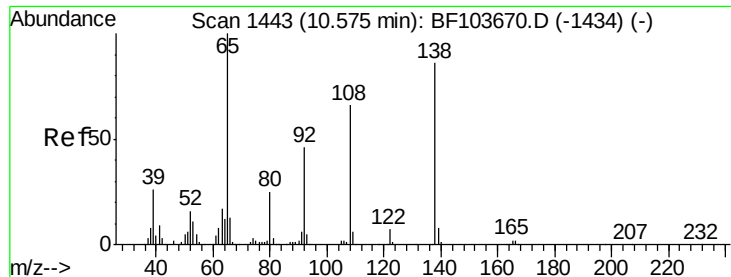
Tot Ion:149 Resp: 960839
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.891 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:204 Resp: 385815
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.1 54.6 81.8

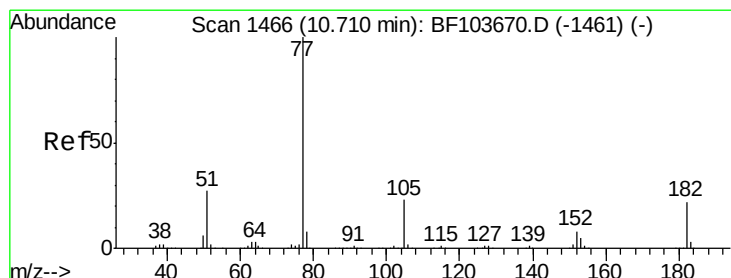
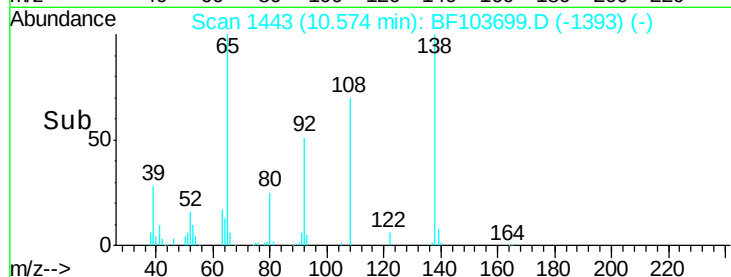
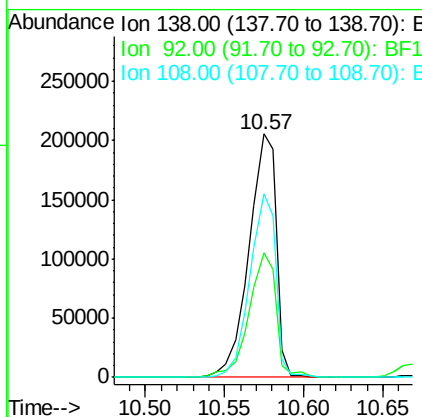
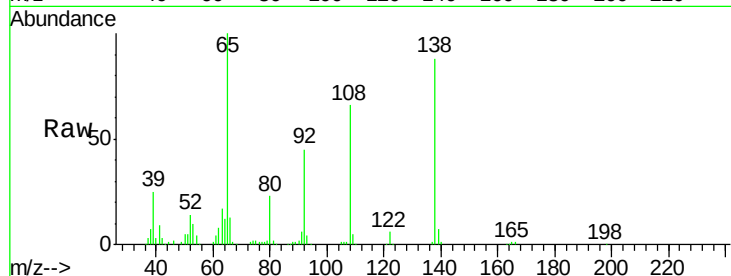




#61
4-Nitroaniline
Concen: 46.237 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

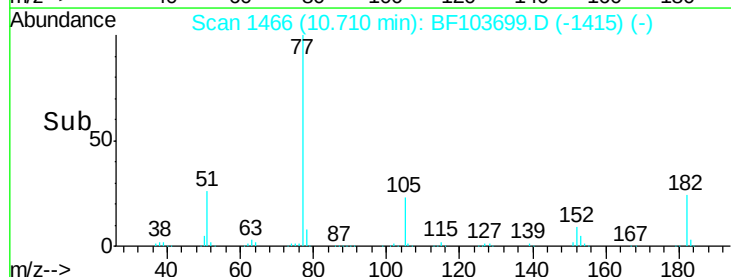
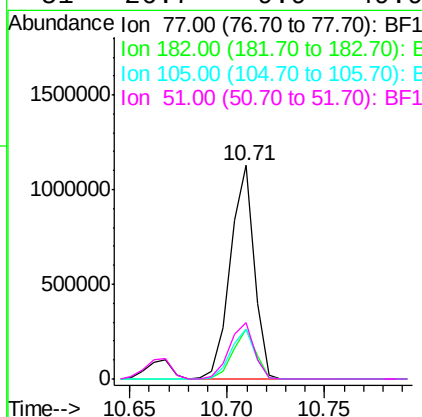
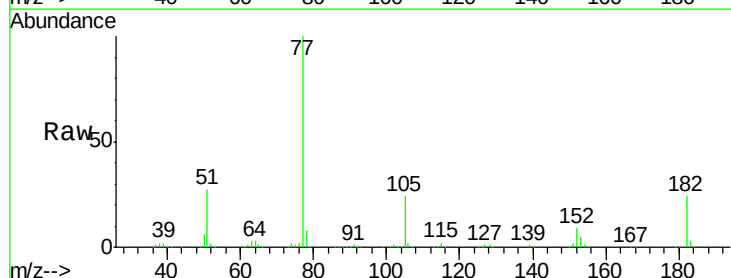
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

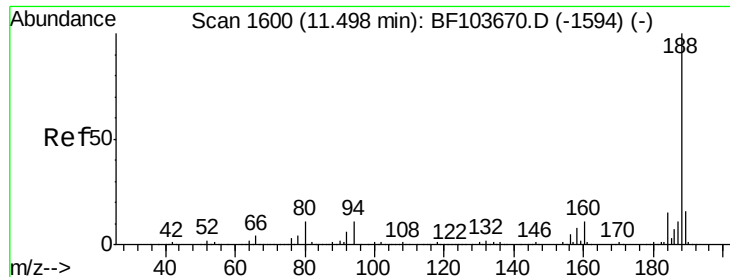
Tot Ion:138 Resp: 245682
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 75.2 52.5 92.5



#62
Azobenzene
Concen: 39.576 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion: 77 Resp: 954097
Ion Ratio Lower Upper
77 100
182 23.6 1.7 41.7
105 23.5 3.0 43.0
51 26.7 9.9 49.9

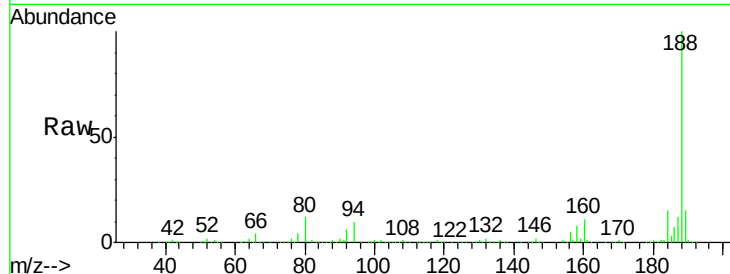




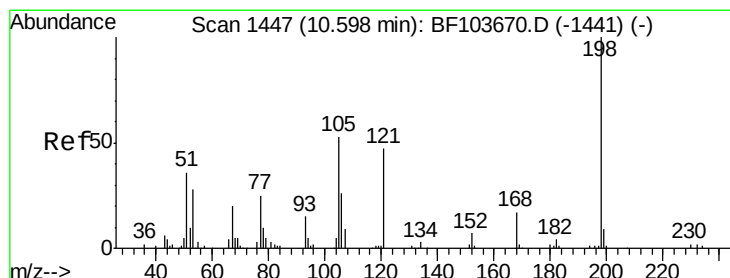
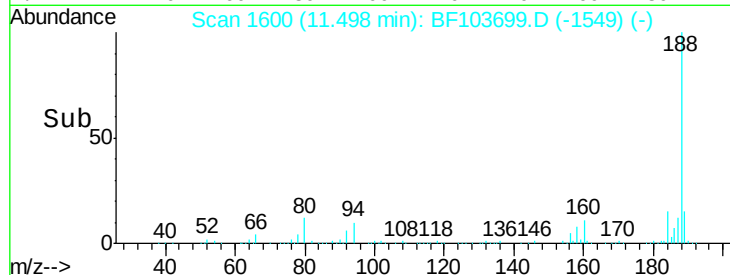
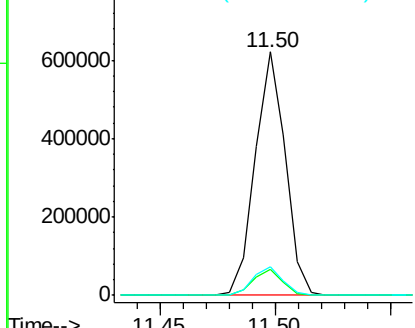
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.7	9.2	13.8

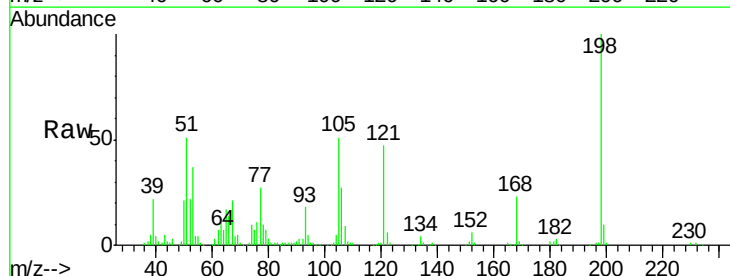


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

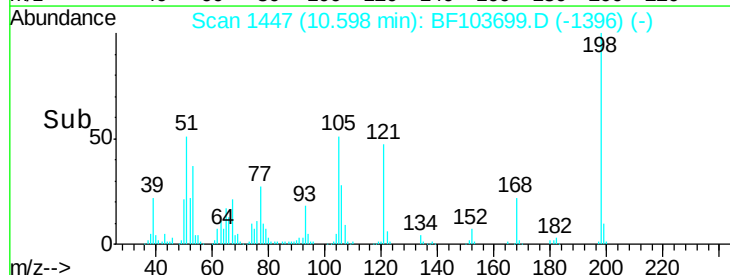
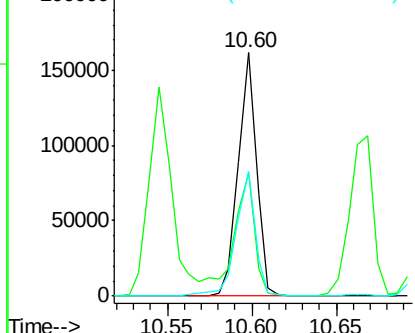


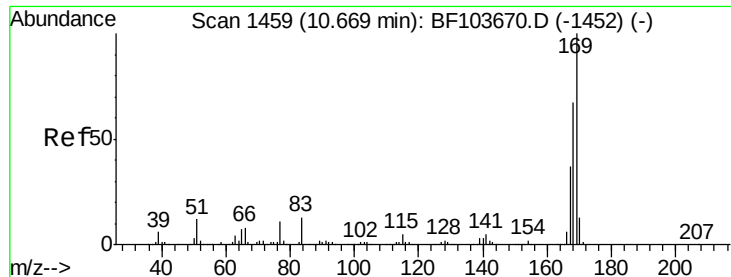
#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.721 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.6	37.7	77.7
105	51.0	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.484 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

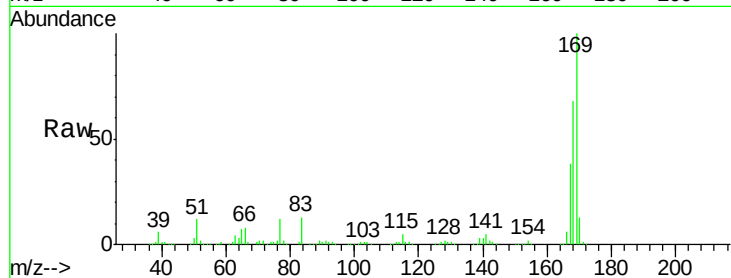
Tot Ion:169 Resp: 763282

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

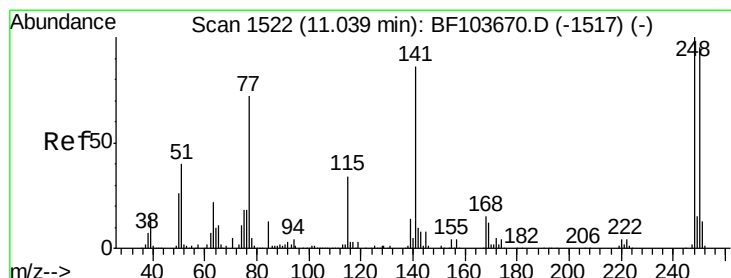
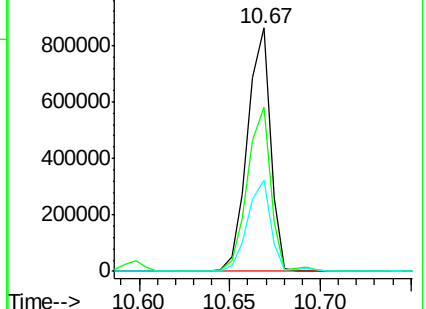
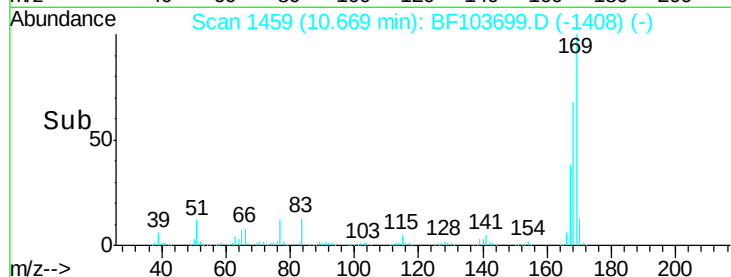
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.910 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

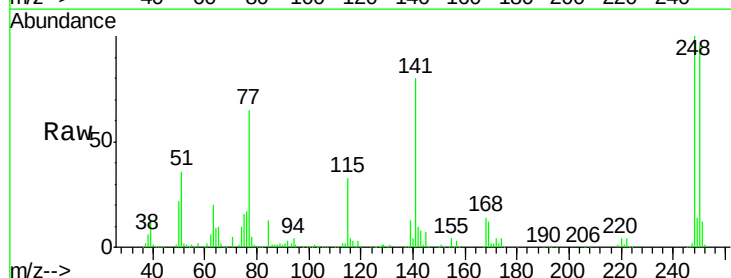
Tgt Ion:248 Resp: 238548

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

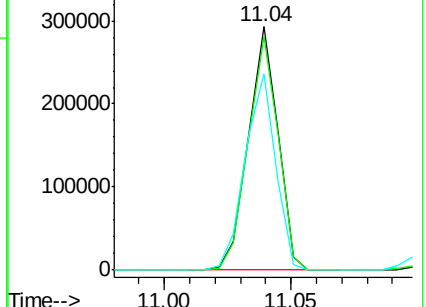
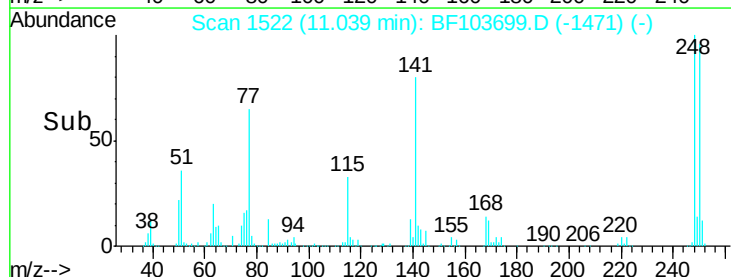
141 80.4 74.4 111.6

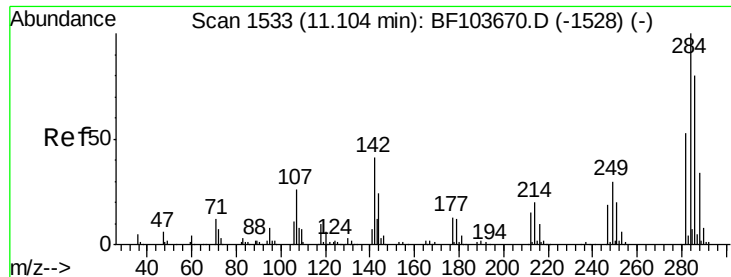


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.778 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

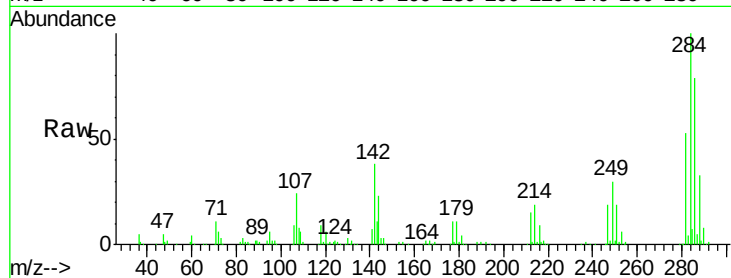
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 264731

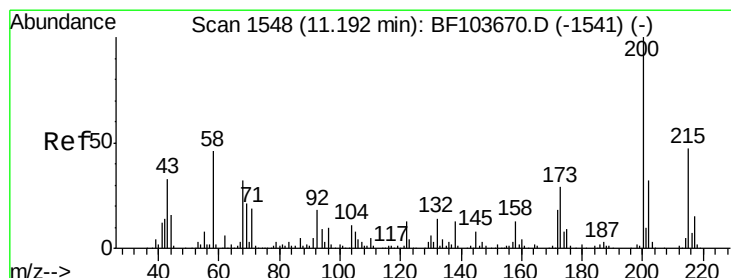
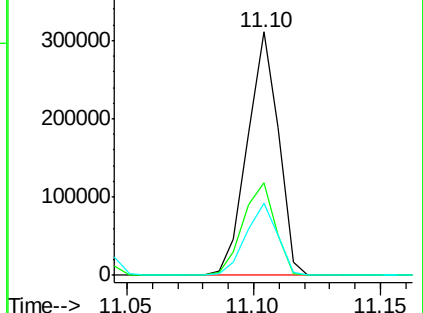
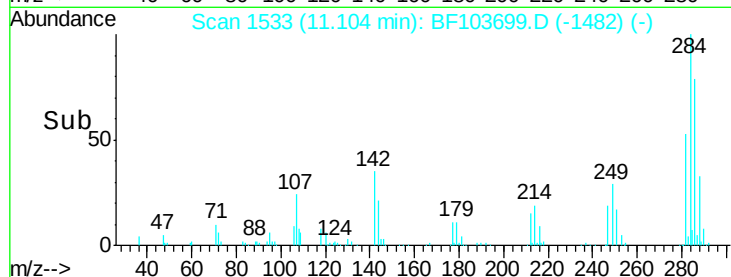
Ion	Ratio	Lower	Upper
284	100		
142	38.1	34.6	52.0
249	29.7	24.8	37.2



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: 41.792 ng

RT: 11.19 min Scan# 1548

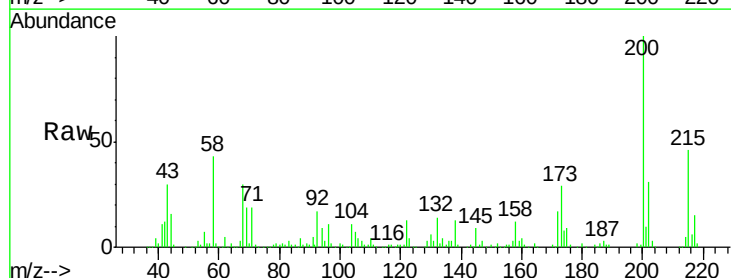
Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Tgt Ion:200 Resp: 249912

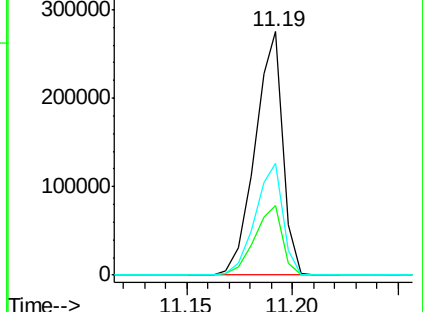
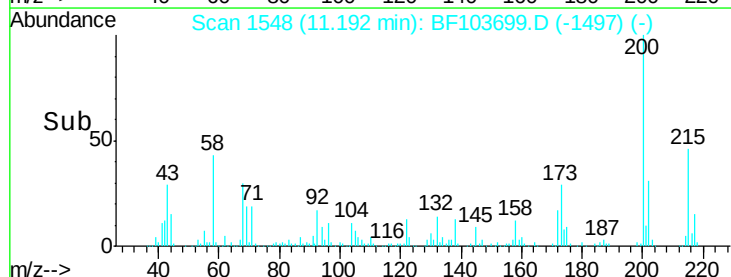
Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.6	48.6
215	46.1	25.1	65.1

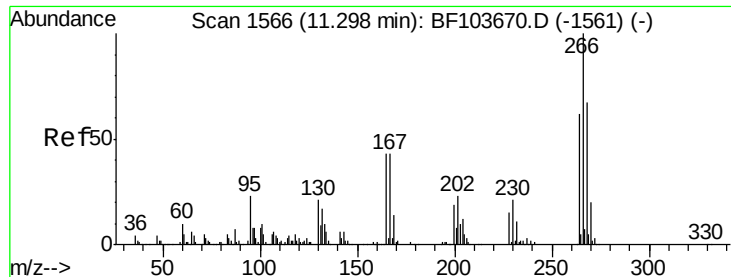


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

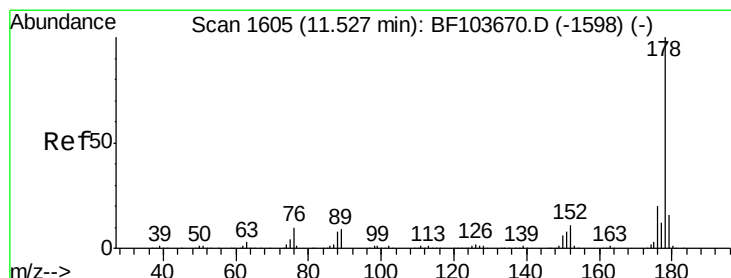
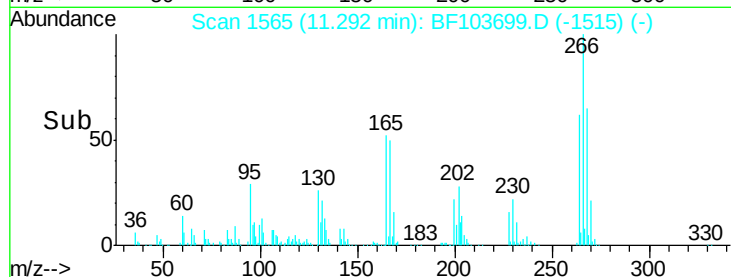
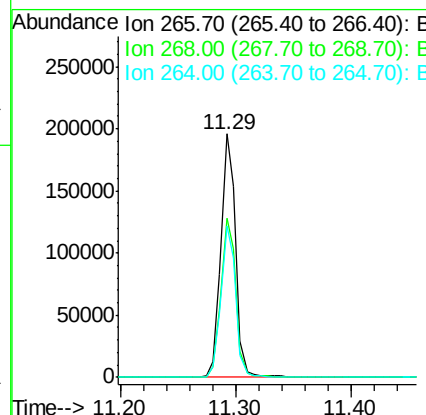
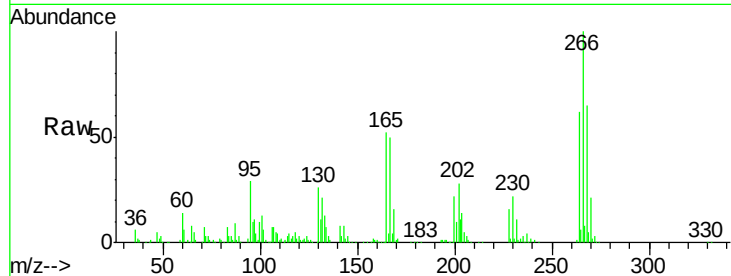




#69
 Pentachlorophenol
 Concen: 45.317 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

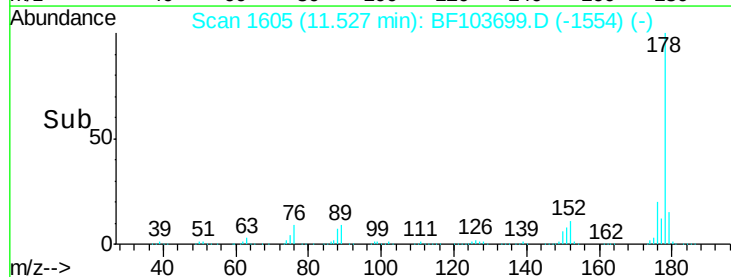
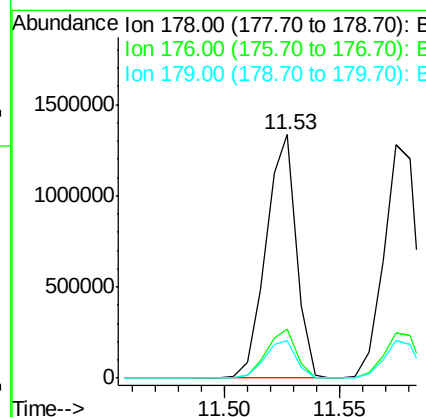
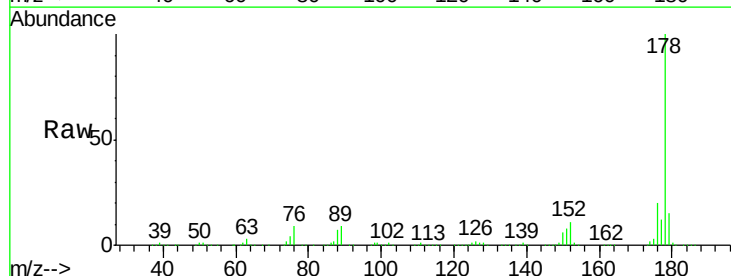
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

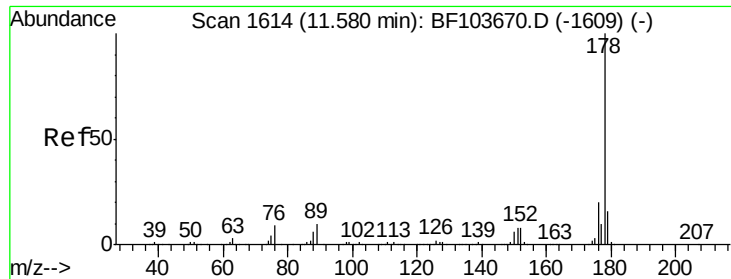
Tot Ion:266 Resp: 173391
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 62.1 49.5 74.3



#70
 Phenanthrene
 Concen: 39.213 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:178 Resp: 1218239
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.3 13.0 19.6

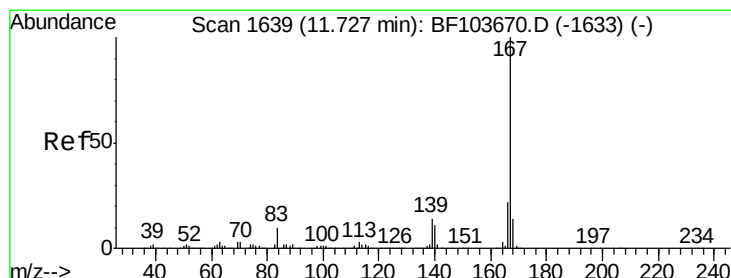
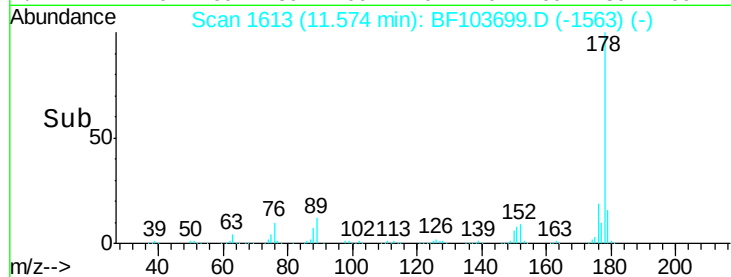
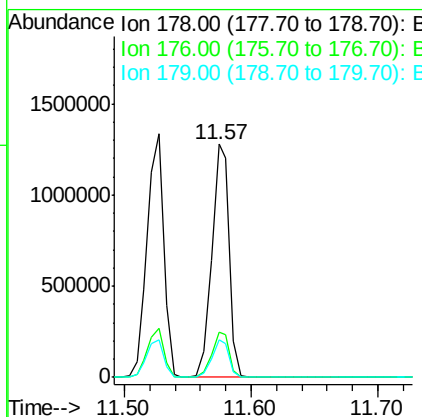
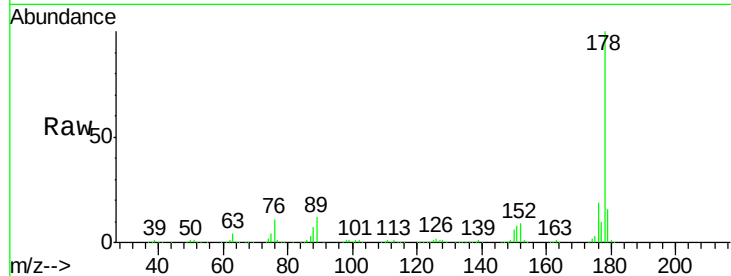




#71
 Anthracene
 Concen: 39.080 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

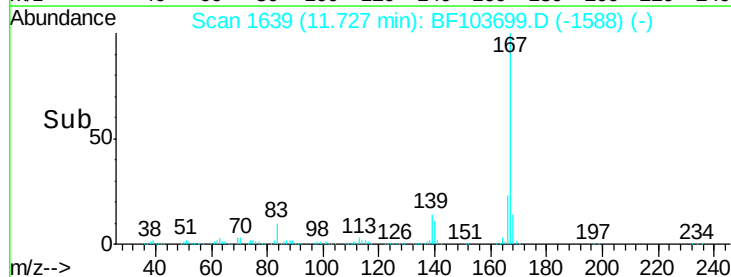
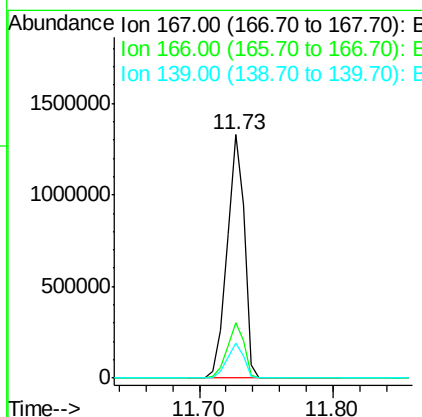
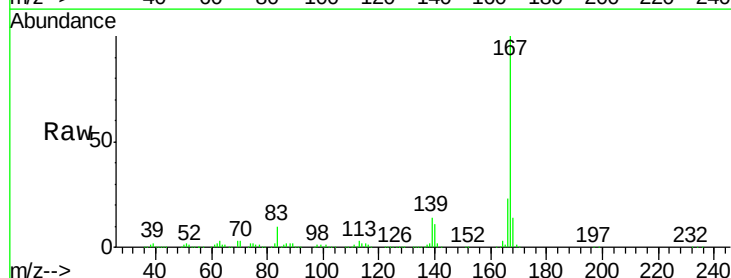
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

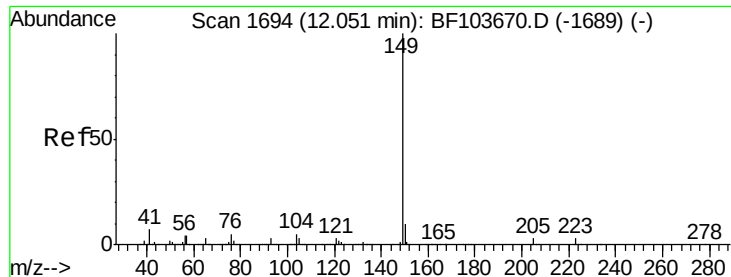
Tot Ion:178 Resp: 1233106
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 39.653 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:167 Resp: 1216095
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.608 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

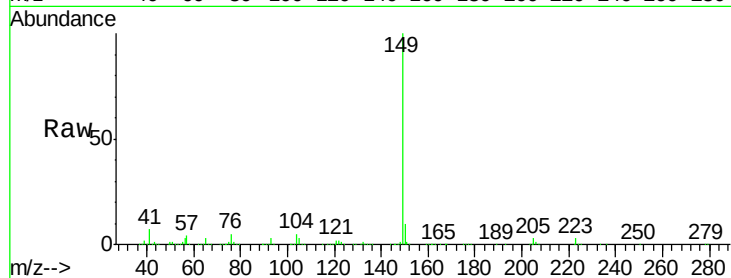
Tot Ion:149 Resp: 1494334

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

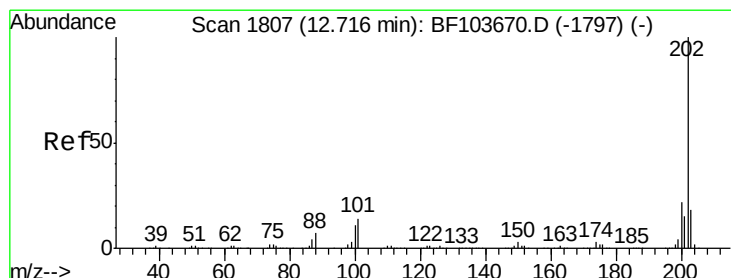
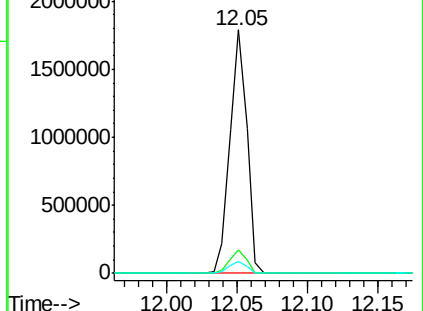
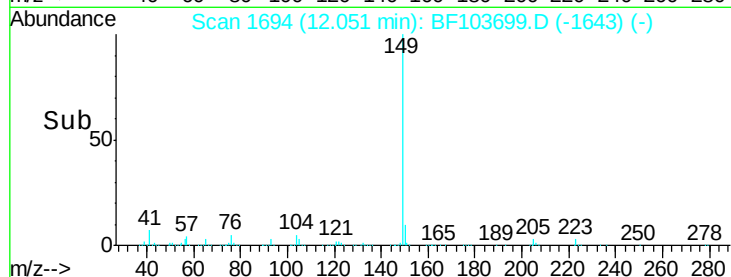
104 5.0 3.8 5.8



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: 39.160 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

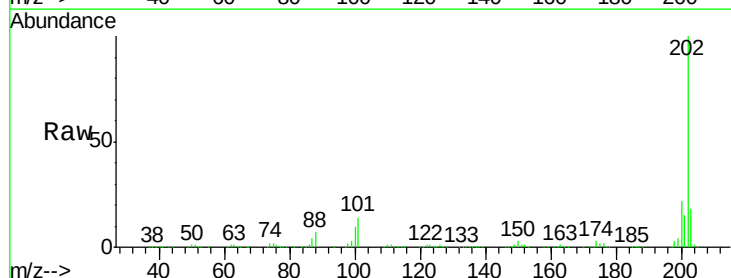
Tgt Ion:202 Resp: 1253344

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

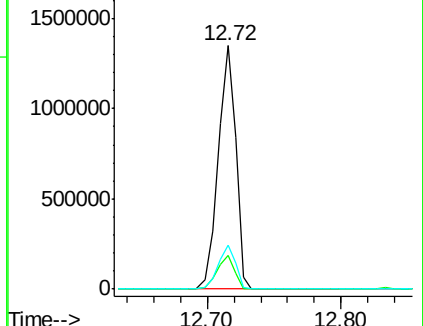
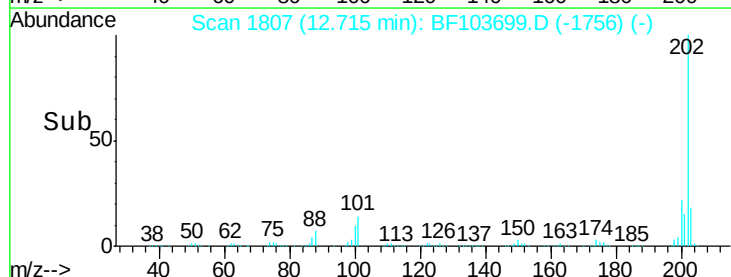
203 18.0 0.0 38.1

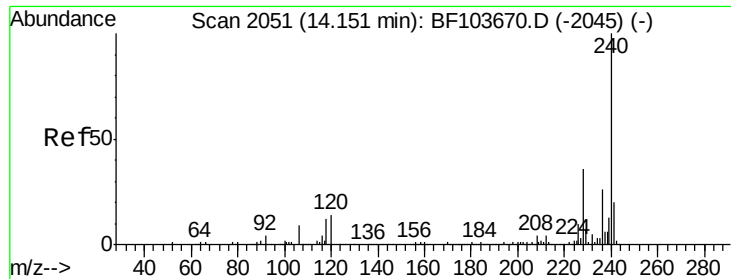


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

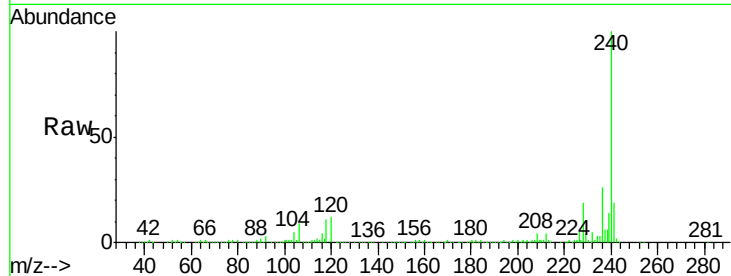
Tot Ion:240 Resp: 450715

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

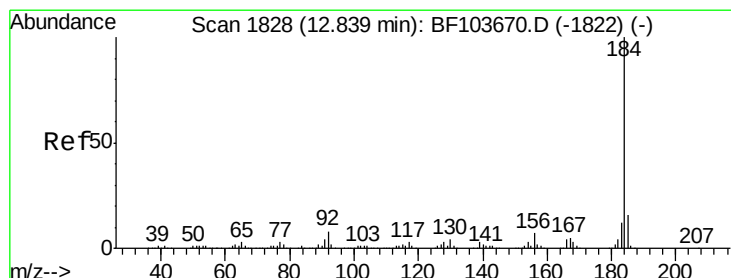
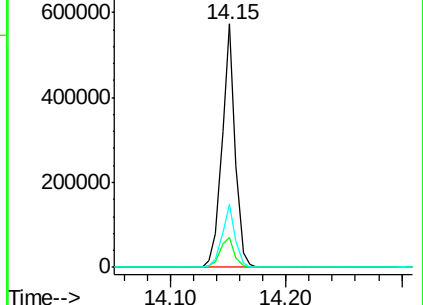
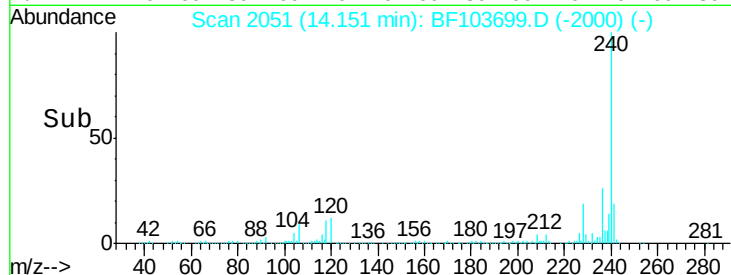
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.527 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

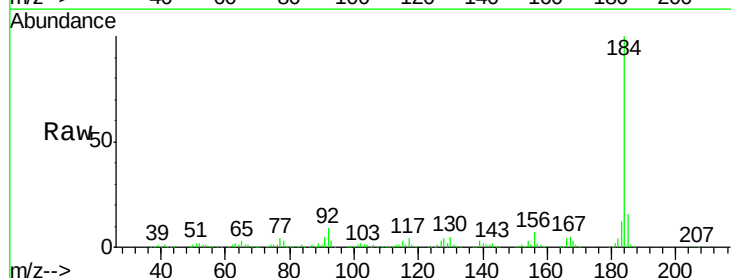
Tgt Ion:184 Resp: 682951

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

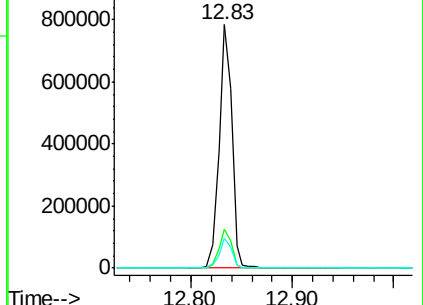
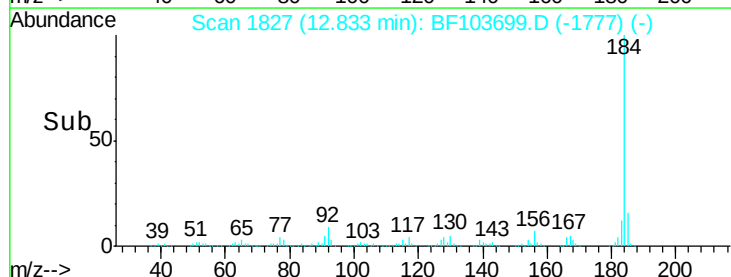
183 12.0 9.3 13.9

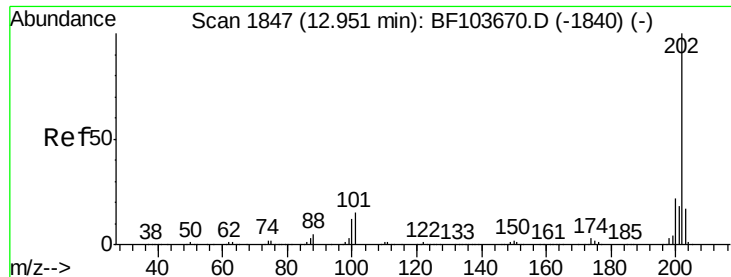


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

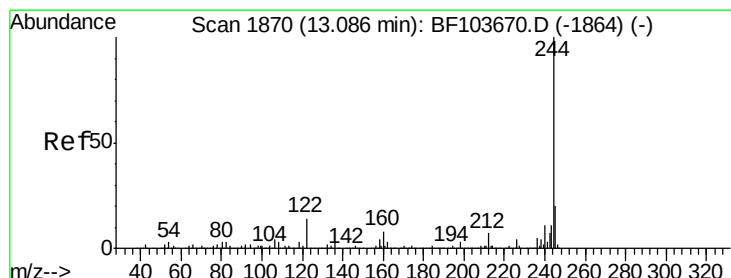
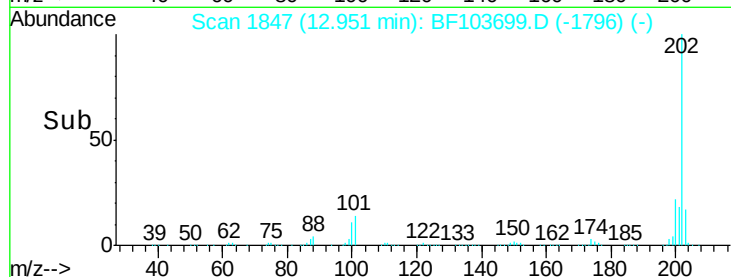
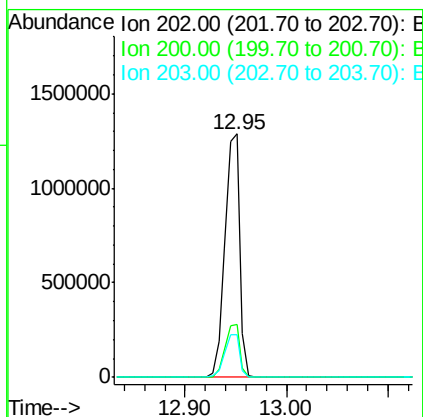
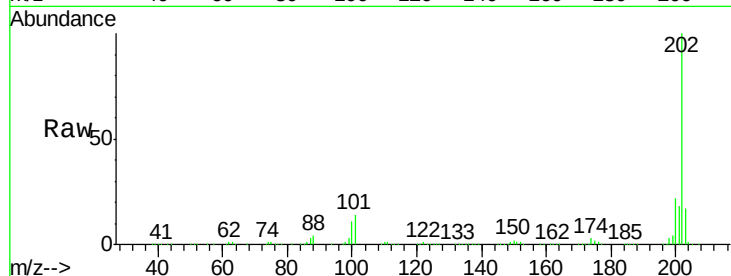




#77
Pvrene
Concen: 39.274 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

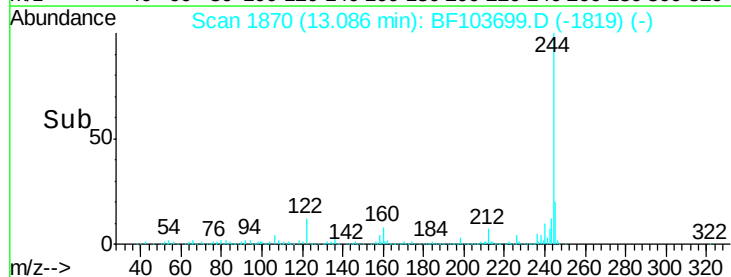
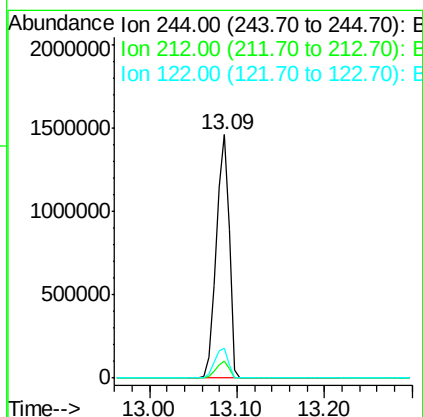
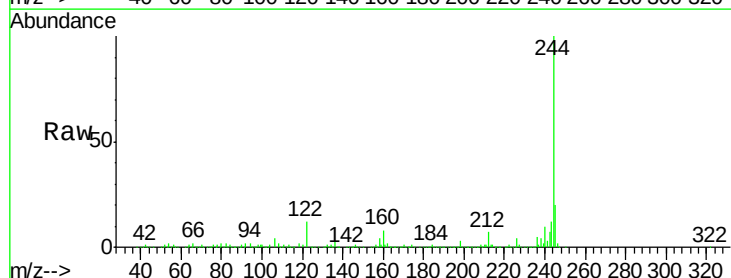
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

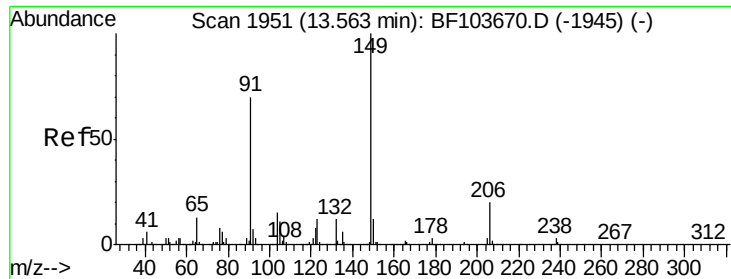
Tot Ion:202 Resp: 1299991
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 77.489 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:244 Resp: 1504657
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.5 11.0 16.4

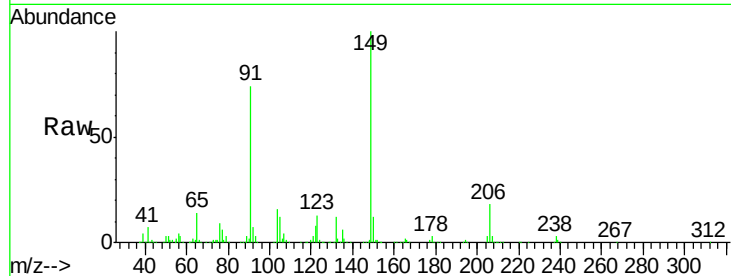




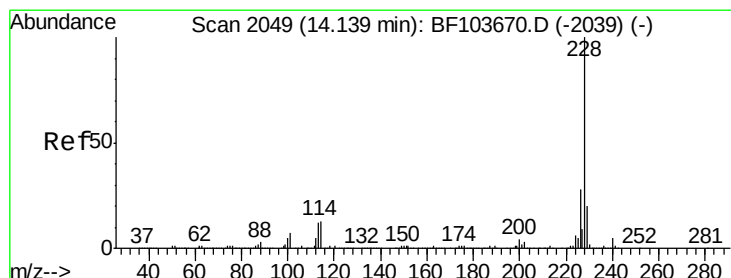
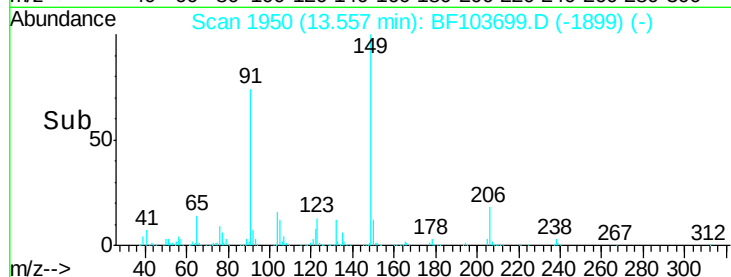
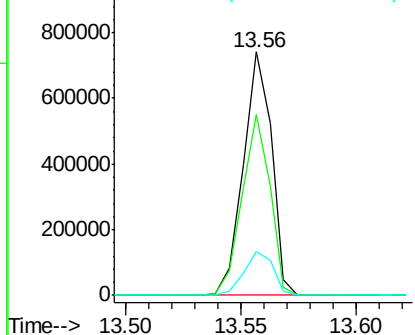
#79
Butylbenzylphthalate
Concen: 43.434 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 636961
Ion Ratio Lower Upper
149 100
91 74.5 56.8 85.2
206 18.1 14.1 21.1

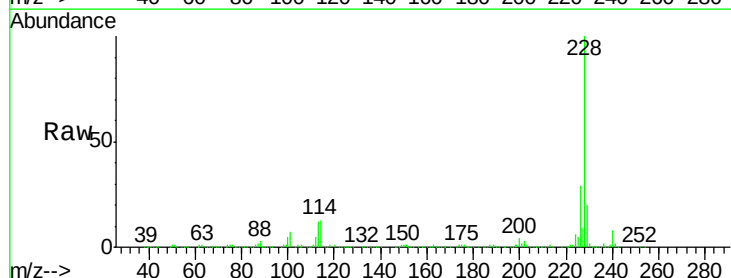


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

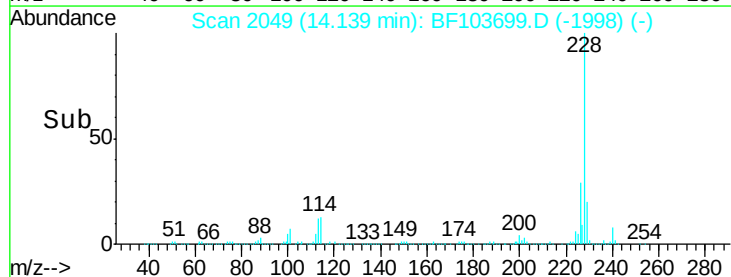
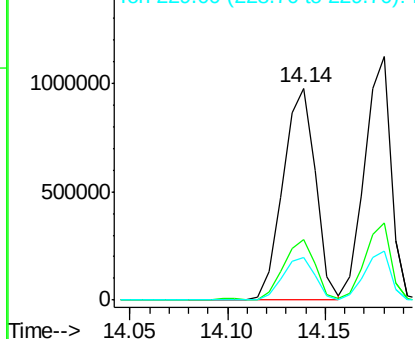


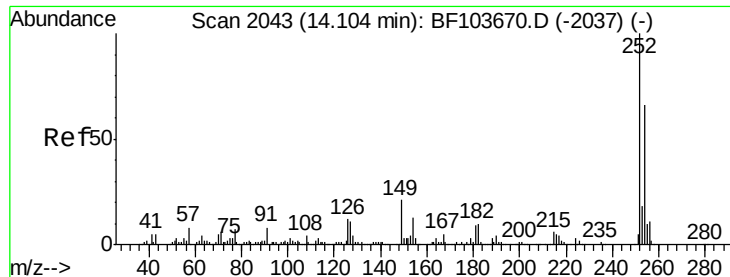
#80
Benzo(a)anthracene
Concen: 39.469 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:228 Resp: 1126057
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.2 15.8 23.6



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

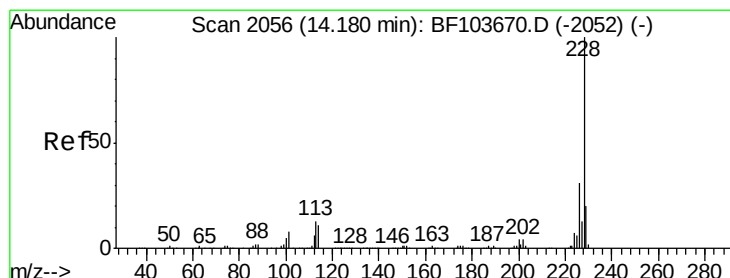
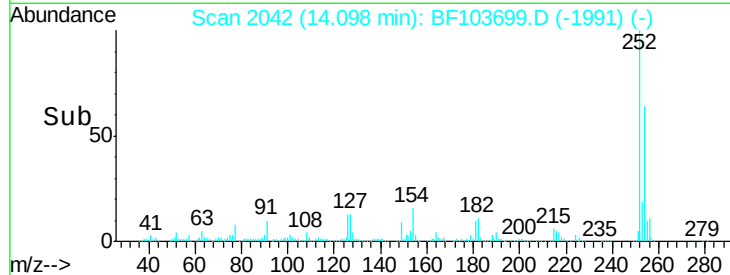
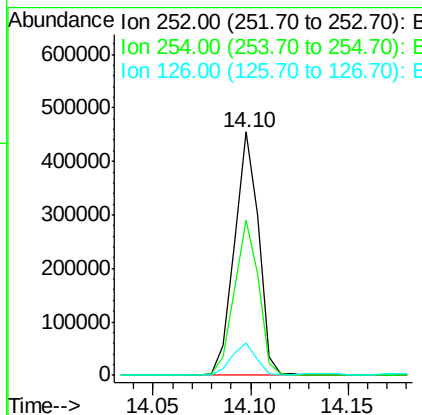
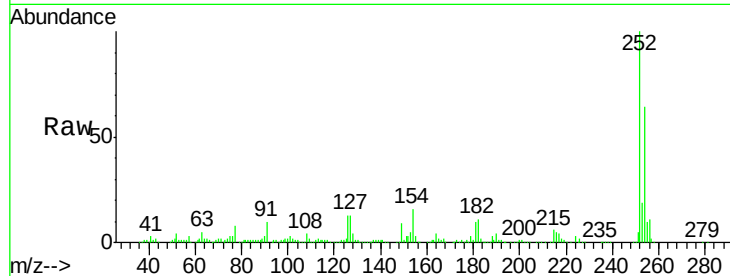




#81
 3,3'-Dichlorobenzidine
 Concen: 40.922 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

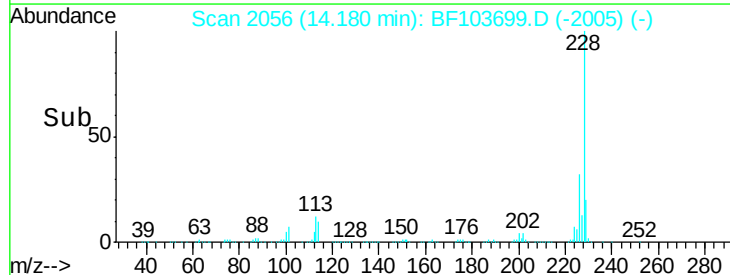
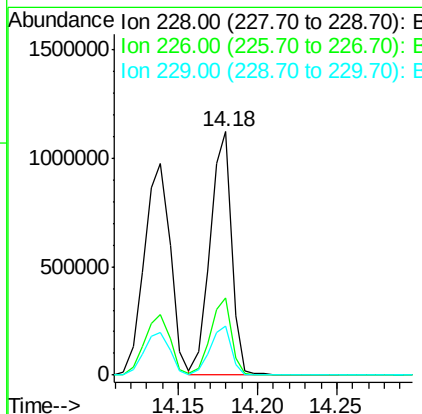
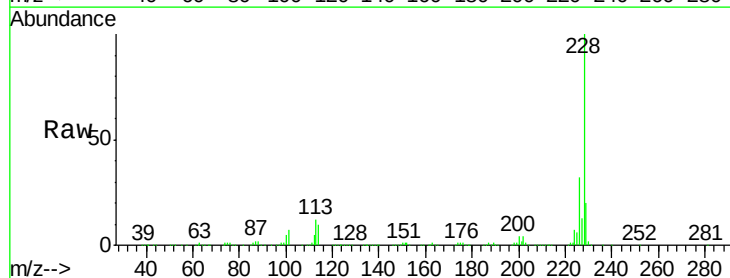
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

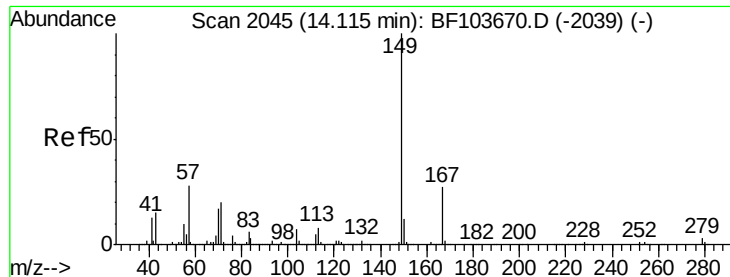
Tot Ion:252 Resp: 390530
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 13.3 11.3 16.9



#82
 Chrysene
 Concen: 38.889 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:228 Resp: 1057639
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.127 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

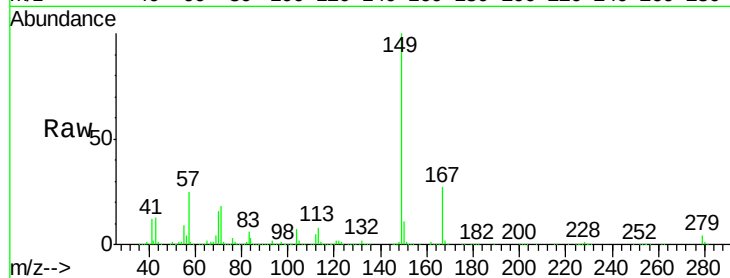
Tot Ion:149 Resp: 882577

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

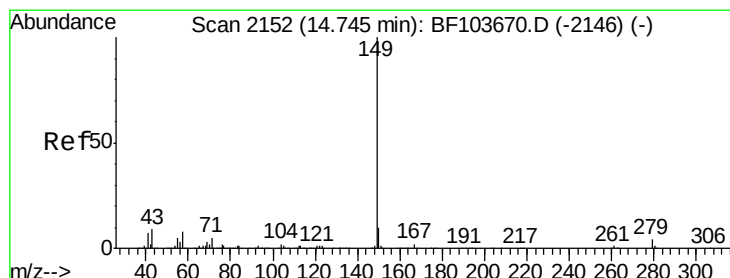
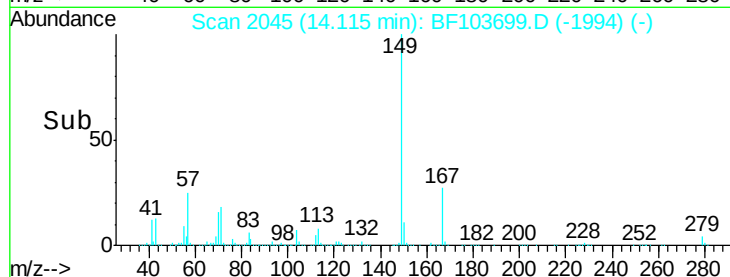
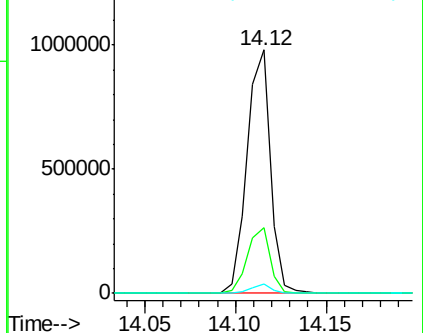
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.190 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

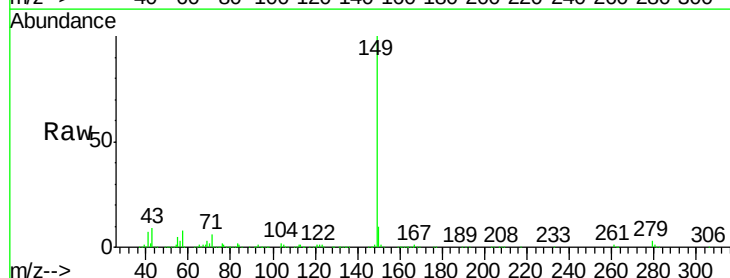
Tgt Ion:149 Resp: 1346863

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

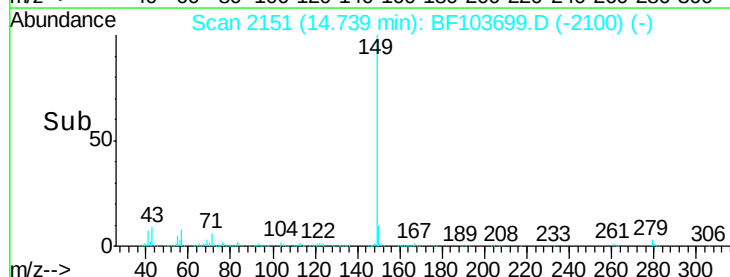
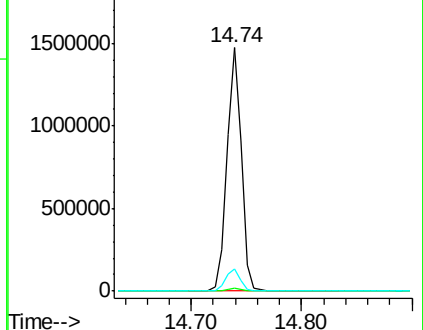
43 9.4 8.4 12.6

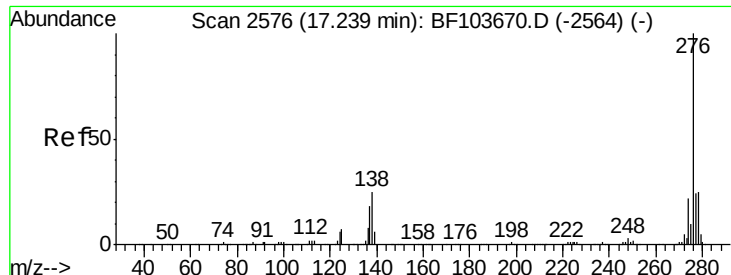


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

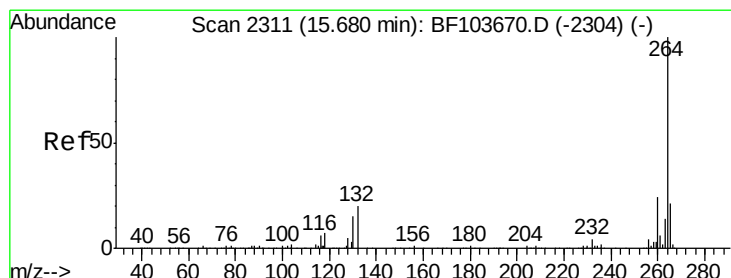
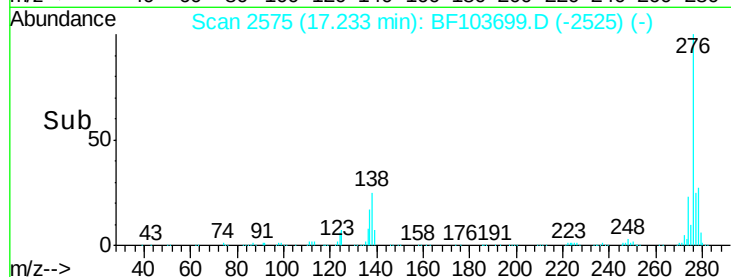
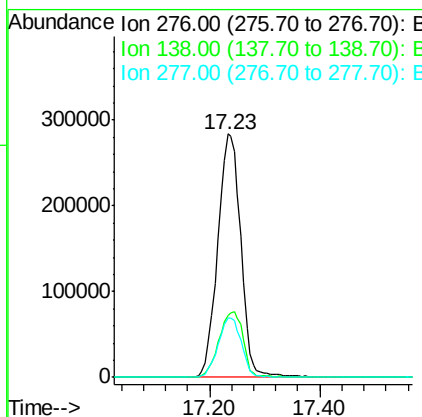
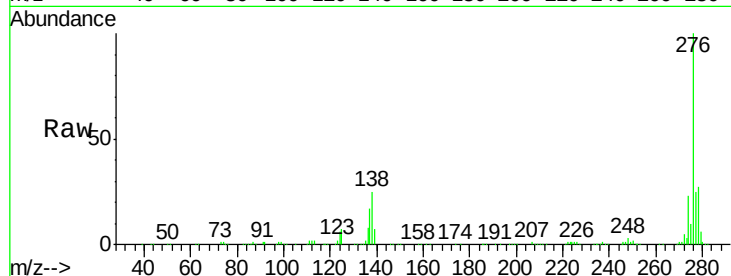




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.957 ng
 RT: 17.23 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

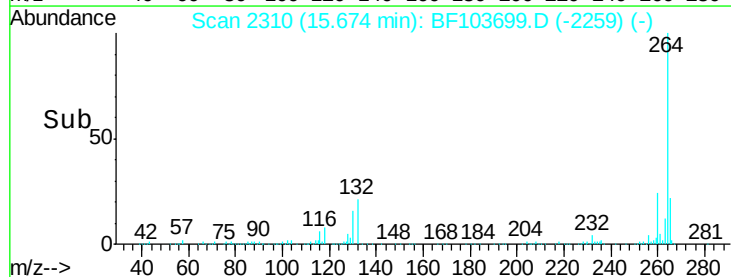
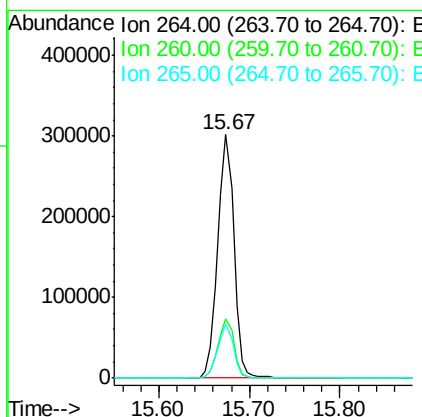
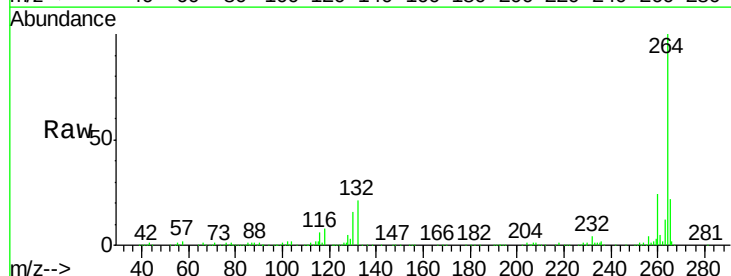
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

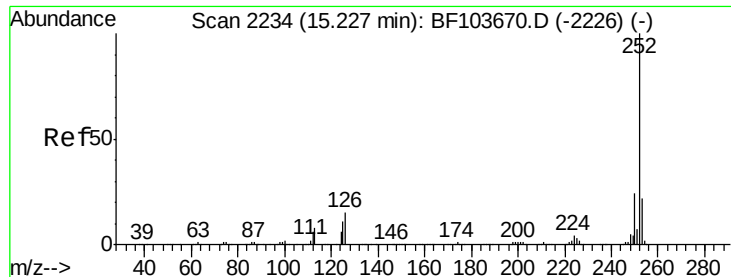
Tot Ion:276 Resp: 830244
 Ion Ratio Lower Upper
 276 100
 138 28.5 25.0 37.6
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Tgt Ion:264 Resp: 373997
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.380 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

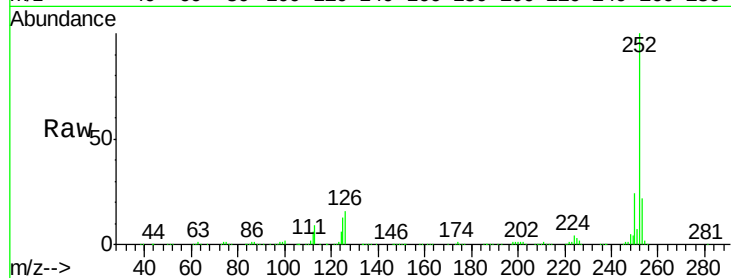
Tot Ion:252 Resp: 1001353

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

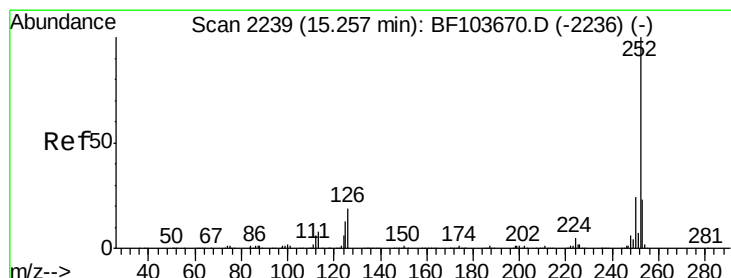
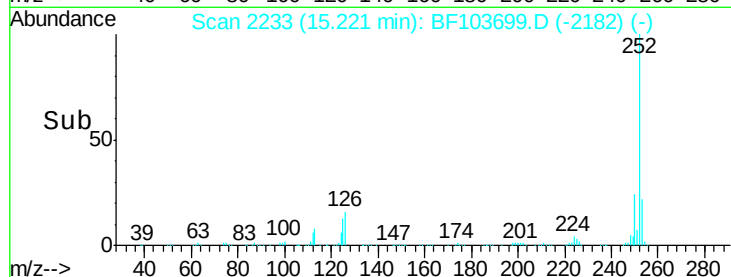
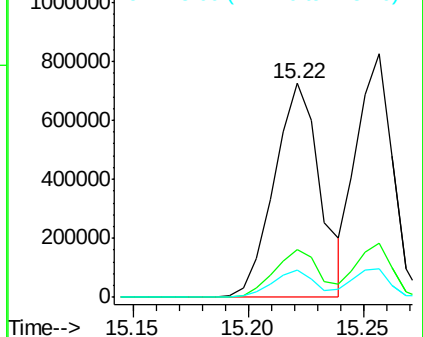
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.807 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BF103699.D

Acq: 16 Mar 2018 16:32

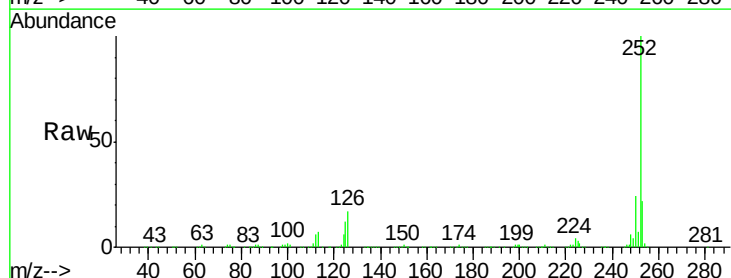
Tgt Ion:252 Resp: 904141

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

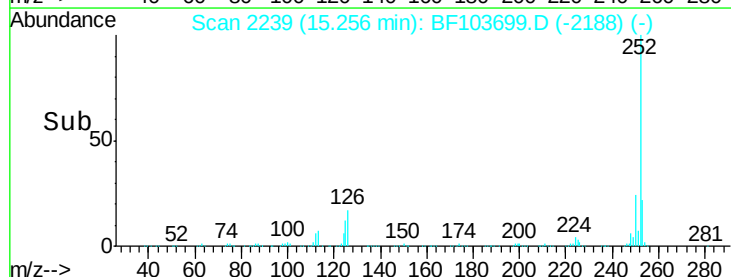
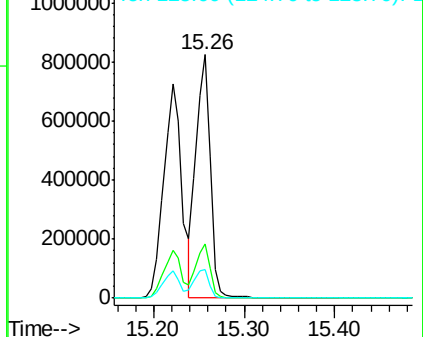
125 11.9 10.2 15.2

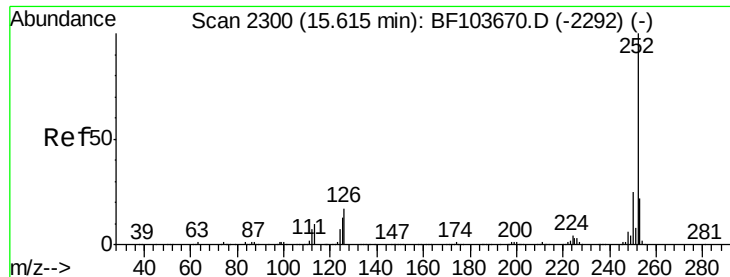


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

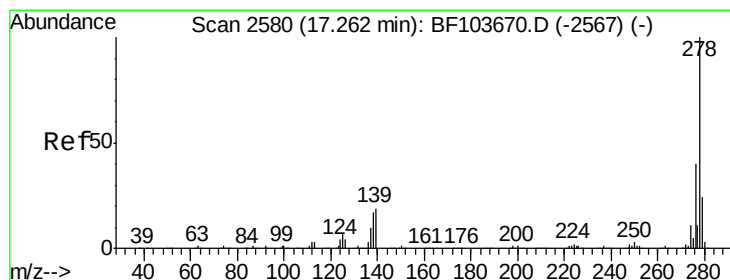
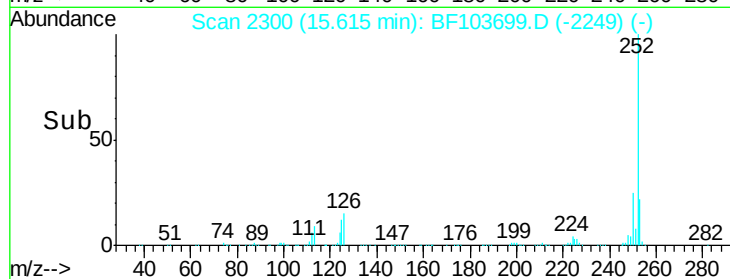
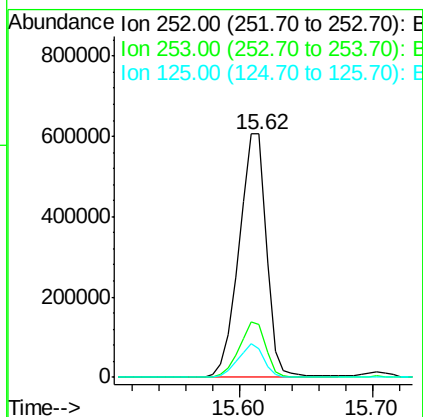
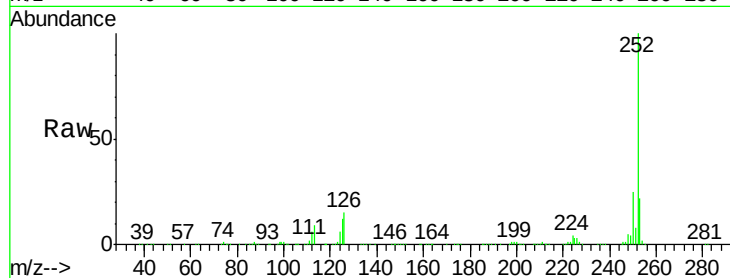




#89
Benzo(a)pyrene
Concen: 40.309 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

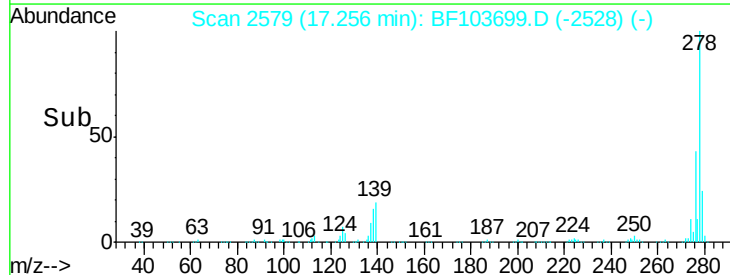
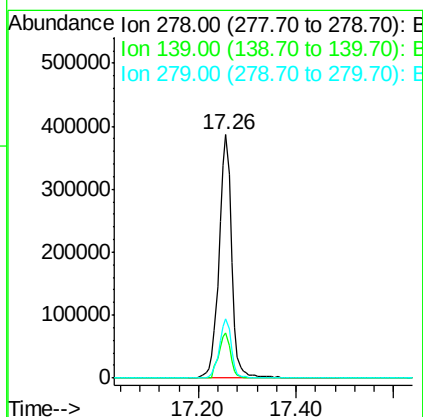
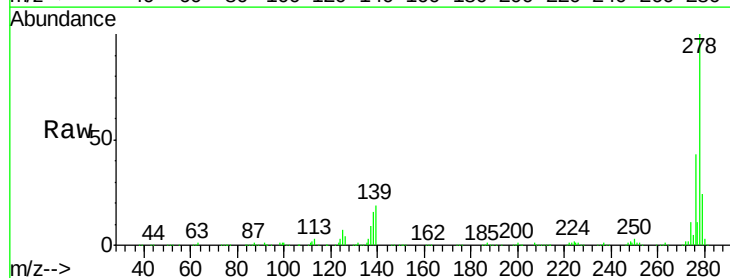
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

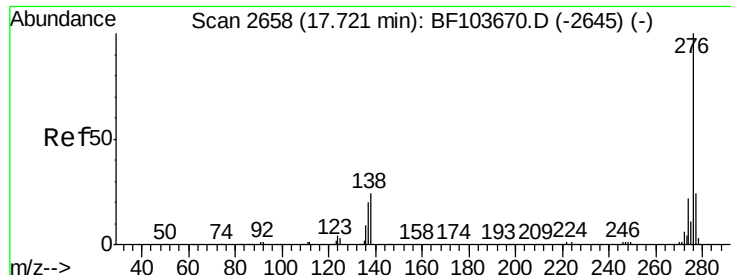
Tot Ion:252 Resp: 863857
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 12.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.380 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF103699.D
Acq: 16 Mar 2018 16:32

Tgt Ion:278 Resp: 693667
Ion Ratio Lower Upper
278 100
139 18.6 15.9 23.9
279 24.1 19.0 28.4

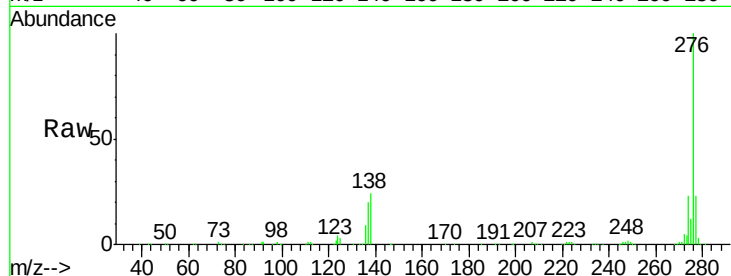




#91
 Benzo(a,h,i)perylene
 Concen: 36.687 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.00 min
 Lab File: BF103699.D
 Acq: 16 Mar 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.3	21.8	32.8



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

