

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103785.D
 Acq On : 20 Mar 2018 5:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 20 07:01:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134031	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	544338	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	241318	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	410029	20.00	ng	0.00
75) Chrysene-d12	14.16	240	284913	20.00	ng	0.01
86) Perylene-d12	15.69	264	258311	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	687566	78.03	ng	0.00
7) Phenol-d6	6.59	99	841206	78.03	ng	0.00
23) Nitrobenzene-d5	7.54	82	724955	92.88	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	191027	92.07	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1208816	79.90	ng	0.00
78) Terphenyl-d14	13.09	244	1050937	85.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	166113	38.283	ng	# 88
3) Pyridine	3.58	79	460437	38.580	ng	# 88
4) n-Nitrosodimethylamine	3.55	42	145486	33.061	ng	# 78
6) Aniline	6.64	93	588742	38.244	ng	95
8) 2-Chlorophenol	6.76	128	369156	39.990	ng	95
9) Benzaldehyde	6.53	77	257818	36.401	ng	95
10) Phenol	6.60	94	442131	38.594	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	363423	38.429	ng	96
12) 1,3-Dichlorobenzene	6.92	146	415822	39.550	ng	99
13) 1,4-Dichlorobenzene	6.99	146	418021	39.567	ng	99
14) 1,2-Dichlorobenzene	7.15	146	389353	39.715	ng	98
15) Benzyl Alcohol	7.11	79	314057	37.597	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	481598	35.804	ng	93
17) 2-Methylphenol	7.22	107	323905	39.402	ng	98
18) Hexachloroethane	7.49	117	130602	35.144	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	248355	35.946	ng	94
20) 3+4-Methylphenols	7.37	107	413014	39.589	ng	98
22) Acetophenone	7.38	105	520975	37.240	ng	# 94
24) Nitrobenzene	7.56	77	387849	42.323	ng	95
25) Isophorone	7.79	82	666173	36.867	ng	99
26) 2-Nitrophenol	7.87	139	178560	50.581	ng	95
27) 2,4-Dimethylphenol	7.90	122	310358	40.092	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	421964	38.564	ng	99
29) 2,4-Dichlorophenol	8.11	162	293584	41.686	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	329607	40.351	ng	98
31) Naphthalene	8.28	128	1058869	38.508	ng	99
32) Benzoic acid	8.00	122	187585	37.161	ng	97
33) 4-Chloroaniline	8.32	127	459283	39.813	ng	98
34) Hexachlorobutadiene	8.39	225	176708	39.456	ng	98
35) Caprolactam	8.70	113	103802	42.803	ng	# 82
36) 4-Chloro-3-methylphenol	8.79	107	307232	39.571	ng	99
37) 2-Methylnaphthalene	8.97	142	675156	38.719	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	291992	42.413	ng	98
40) Hexachlorocyclopentadiene	9.12	237	49685	13.986	ng	96

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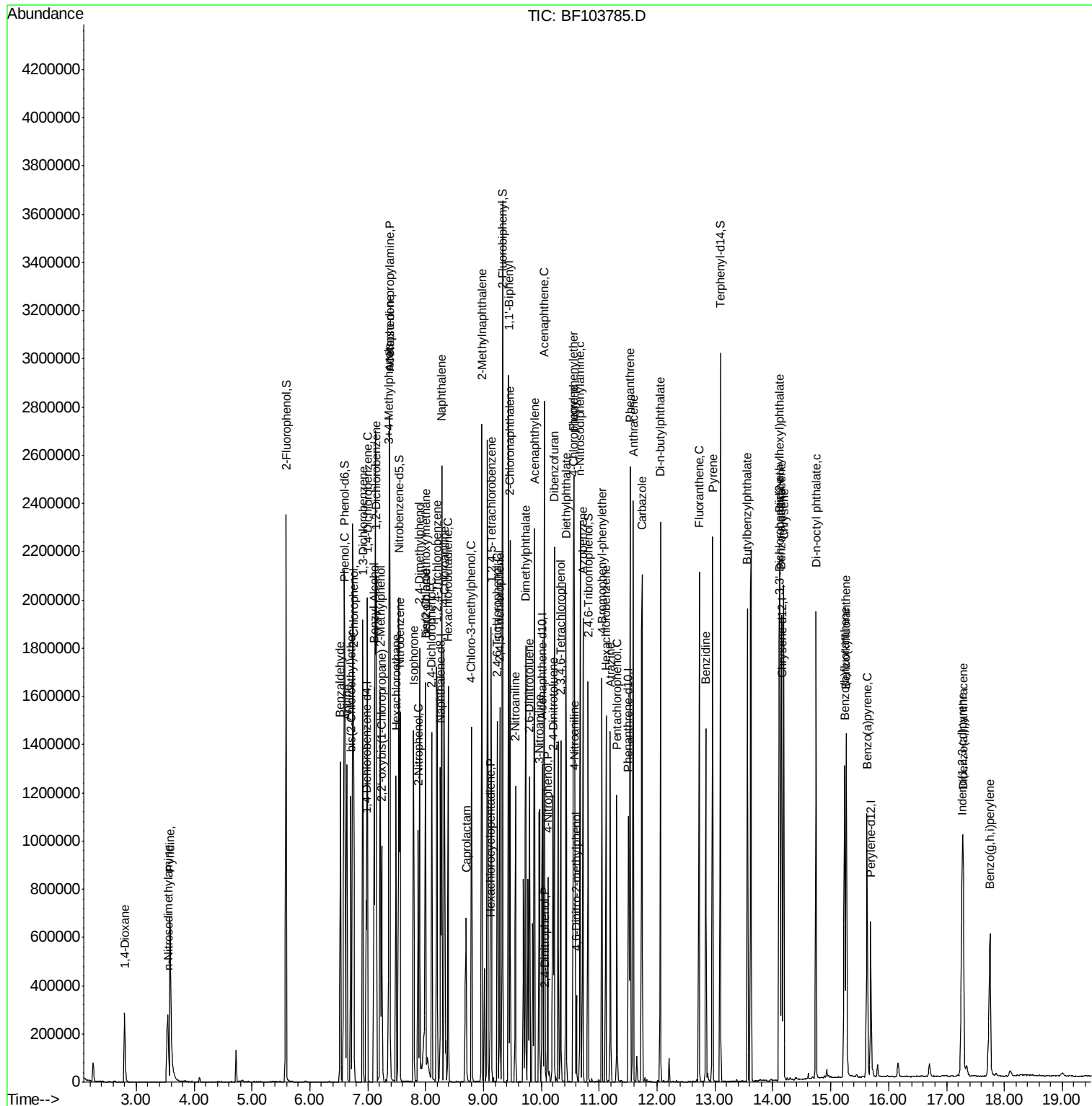
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	199274	45.253	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	222780	44.823	ng	98
45) 1,1'-Biphenyl	9.43	154	818060	40.654	ng	100
46) 2-Chloronaphthalene	9.46	162	649092	40.613	ng	98
47) 2-Nitroaniline	9.55	65	200241	47.908	ng	98
48) Acenaphthylene	9.88	152	993909	40.103	ng	100
49) Dimethylphthalate	9.73	163	778005	42.257	ng	99
50) 2,6-Dinitrotoluene	9.79	165	165672	46.639	ng	96
51) Acenaphthene	10.05	154	585473	39.785	ng	99
52) 3-Nitroaniline	9.97	138	205387	48.107	ng	92
53) 2,4-Dinitrophenol	10.07	184	18656	32.620	ng	# 19
54) Dibenzofuran	10.22	168	824569	39.233	ng	99
55) 4-Nitrophenol	10.11	139	139883	43.890	ng	93
56) 2,4-Dinitrotoluene	10.20	165	208419	46.425	ng	# 93
57) Fluorene	10.56	166	643071	39.431	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	155978	44.290	ng	94
59) Diethylphthalate	10.43	149	742100	40.610	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	304140	40.805	ng	99
61) 4-Nitroaniline	10.58	138	195426	47.604	ng	95
62) Azobenzene	10.72	77	668179	35.965	ng	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	41113	33.124	ng	88
65) n-Nitrosodiphenylamine	10.67	169	589167	42.214	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	180588	42.896	ng	93
67) Hexachlorobenzene	11.12	284	195936	40.778	ng	# 90
68) Atrazine	11.20	200	178394	41.320	ng	97
69) Pentachlorophenol	11.30	266	113302	41.015	ng	98
70) Phenanthrene	11.53	178	888992	39.635	ng	99
71) Anthracene	11.59	178	904646	39.711	ng	100
72) Carbazole	11.74	167	861188	38.894	ng	99
73) Di-n-butylphthalate	12.06	149	1102494	41.498	ng	100
74) Fluoranthene	12.73	202	863203	37.356	ng	97
76) Benzidine	12.84	184	533373	43.893	ng	100
77) Pyrene	12.96	202	871918	41.671	ng	99
79) Butylbenzylphthalate	13.56	149	434620	46.883	ng	99
80) Benzo(a)anthracene	14.15	228	716588	39.733	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	267220	44.296	ng	98
82) Chrysene	14.19	228	680691	39.594	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	601963	45.454	ng	99
84) Di-n-octyl phthalate	14.74	149	909849	47.223	ng	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	631183	42.041	ng	99
87) Benzo(b)fluoranthene	15.24	252	633724	38.832	ng	98
88) Benzo(k)fluoranthene	15.27	252	643179	41.000	ng	99
89) Benzo(a)pyrene	15.63	252	594863	40.188	ng	100
90) Dibenzo(a,h)anthracene	17.29	278	537625	41.946	ng	99
91) Benzo(g,h,i)perylene	17.75	276	503836	40.407	ng	97

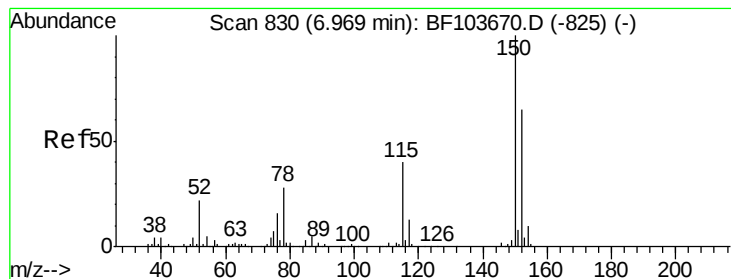
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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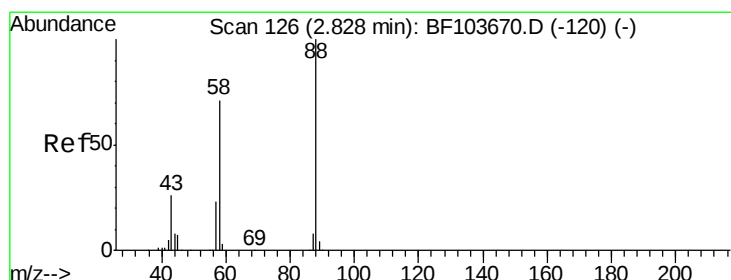
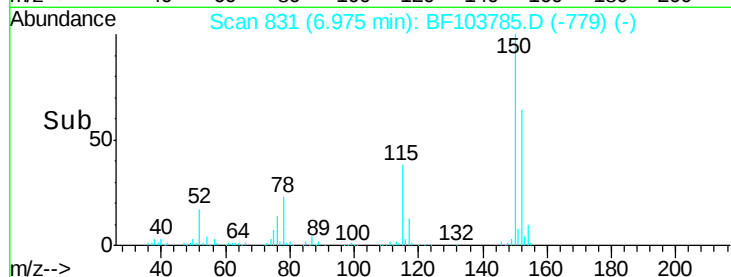
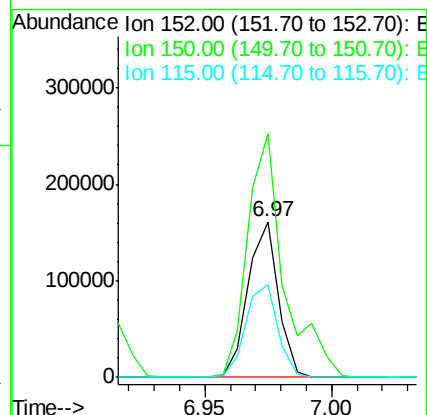
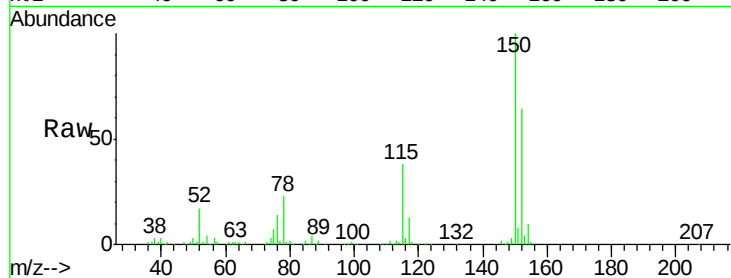


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

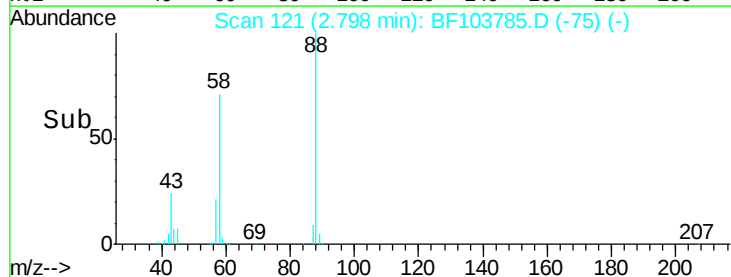
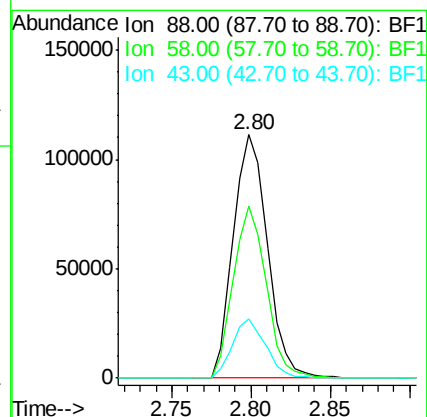
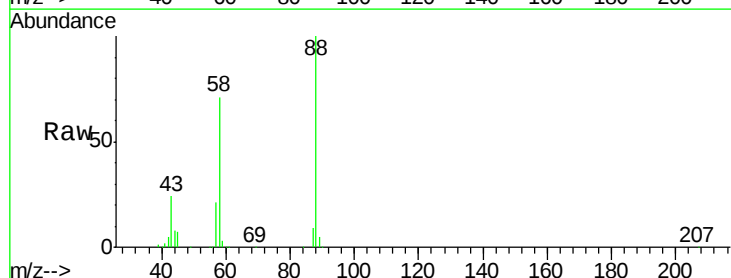
Tot Ion:152 Resp: 134031
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.6 50.1 75.1

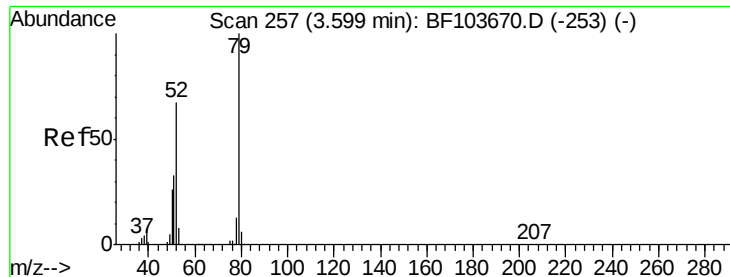


#2

1,4-Dioxane
Concen: 38.283 ng
RT: 2.80 min Scan# 121
Delta R.T. -0.03 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion: 88 Resp: 166113
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 24.2 24.6 37.0#





#3

Pvridine

Concen: 38.580 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.02 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

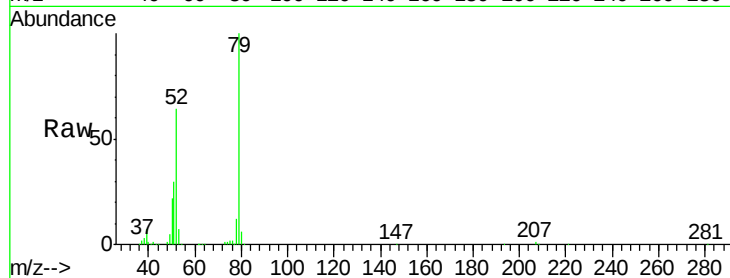
Tot Ion: 79 Resp: 460437

Ion Ratio Lower Upper

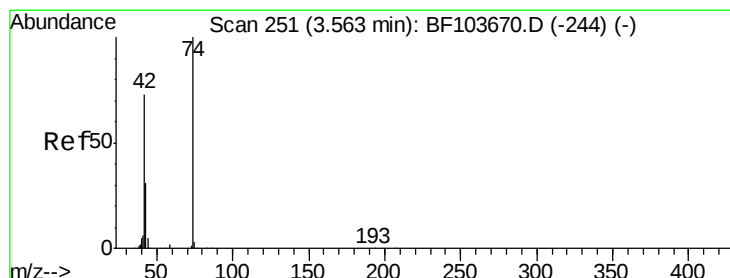
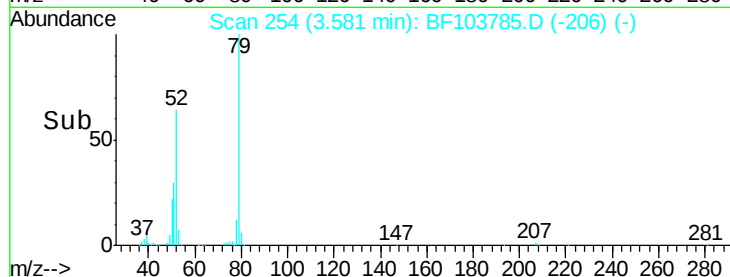
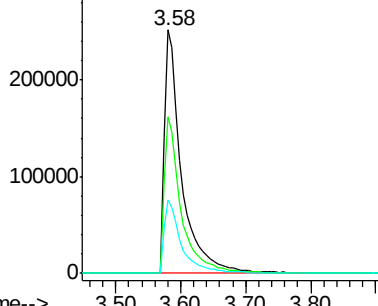
79 100

52 64.4 59.8 89.6

51 30.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.061 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

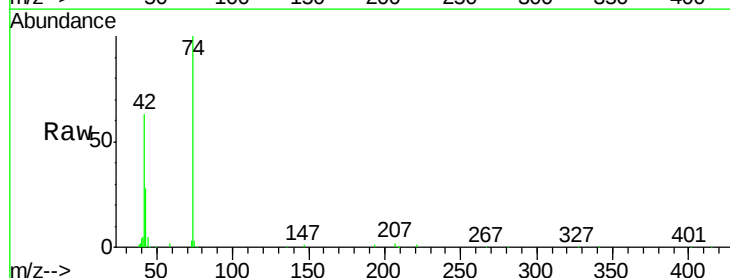
Tgt Ion: 42 Resp: 145486

Ion Ratio Lower Upper

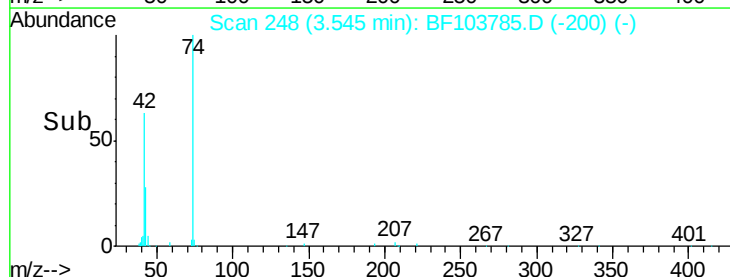
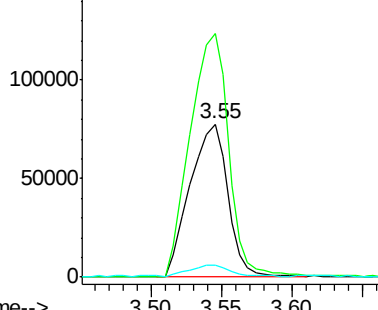
42 100

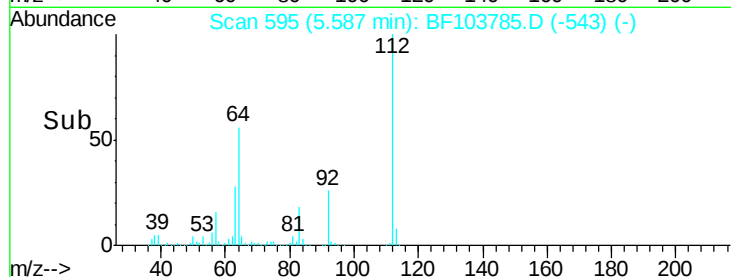
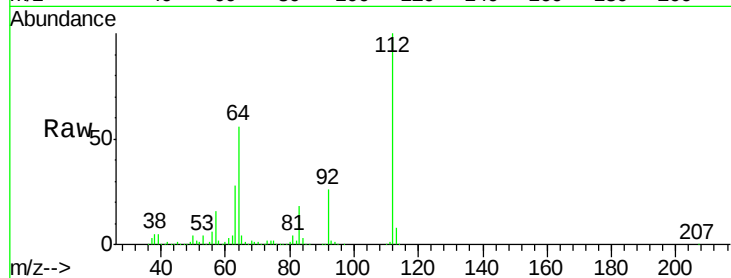
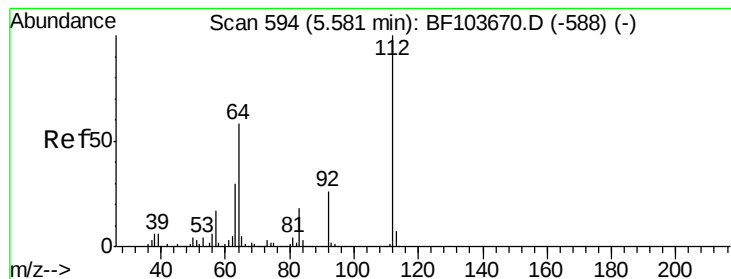
74 158.9 104.9 157.3#

44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.026 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103785.D

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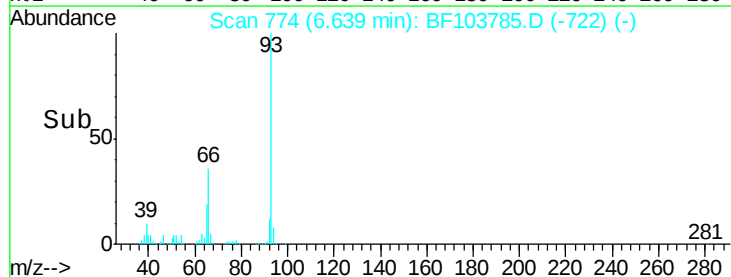
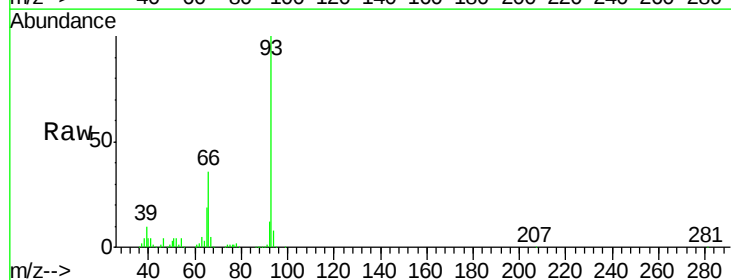
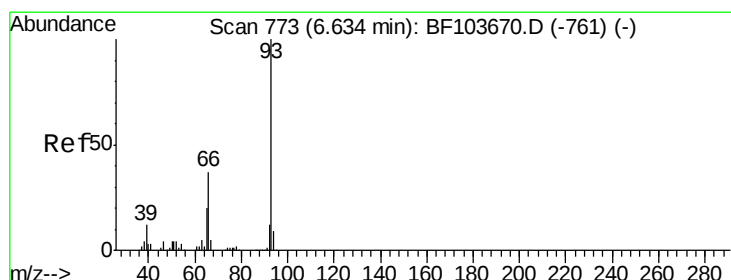
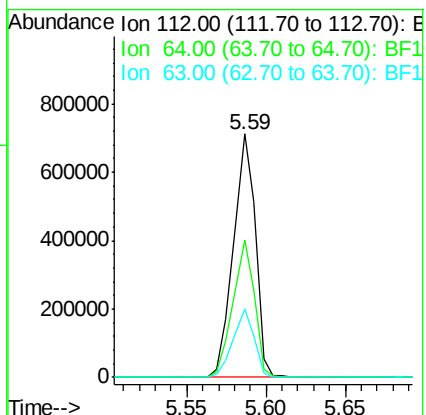
Tot Ion:112 Resp: 687566

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

63 27.8 23.7 35.5



#6

Aniline

Concen: 38.244 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

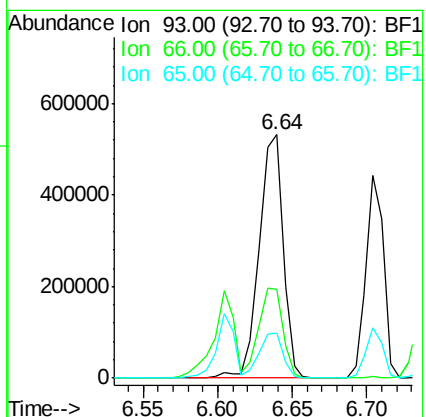
Tgt Ion: 93 Resp: 588742

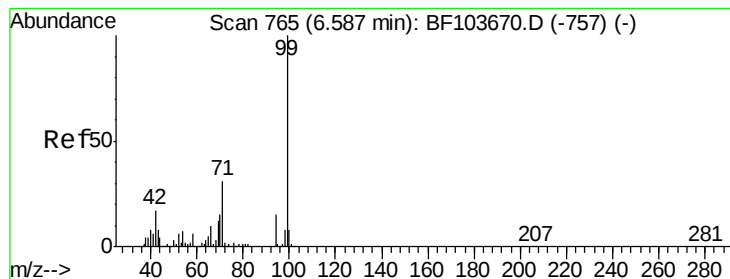
Ion Ratio Lower Upper

93 100

66 36.5 32.2 48.2

65 18.6 16.4 24.6





#7

Phenol-d6

Concen: 78.027 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

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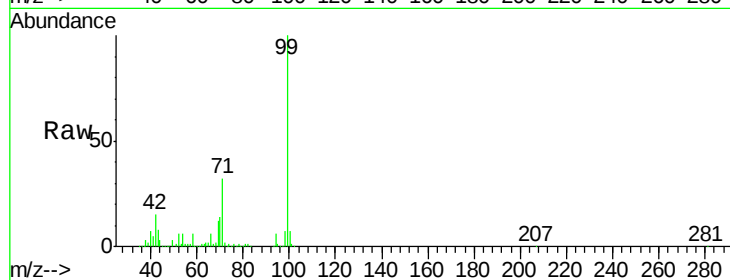
Tot Ion: 99 Resp: 841206

Ion Ratio Lower Upper

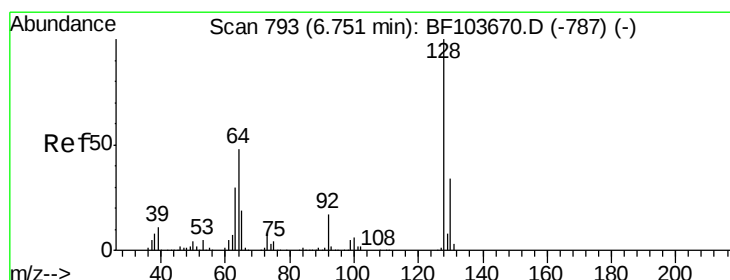
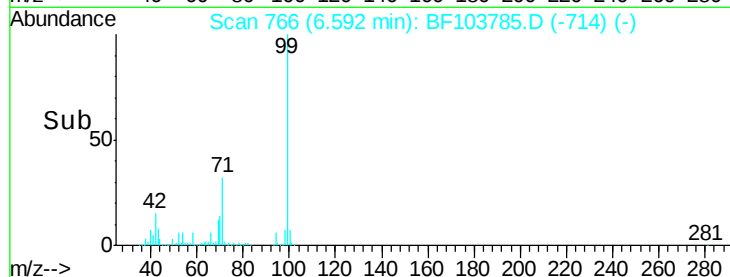
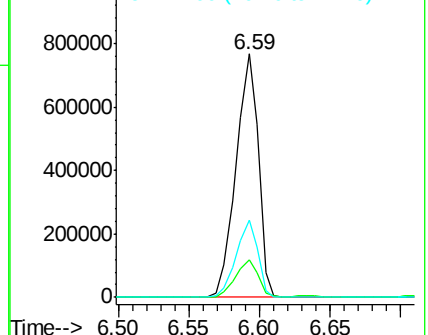
99 100

42 15.3 14.5 21.7

71 31.5 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: 39.990 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

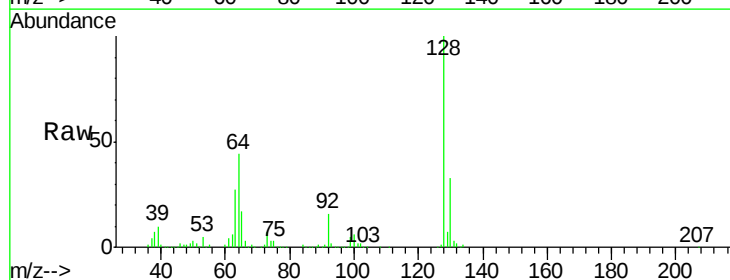
Tgt Ion: 128 Resp: 369156

Ion Ratio Lower Upper

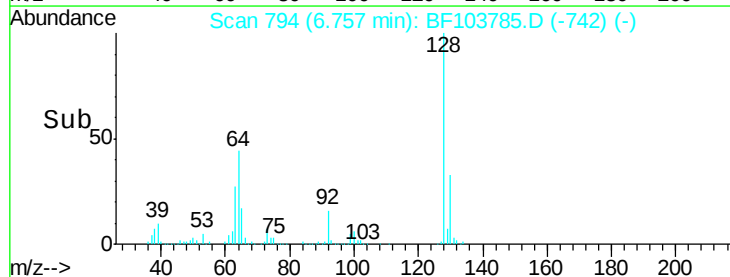
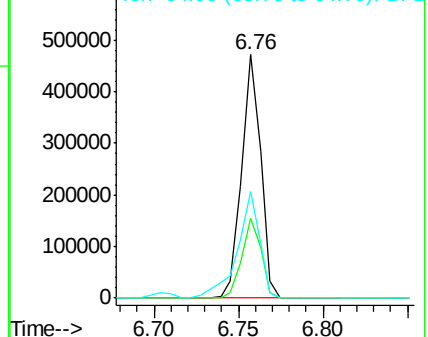
128 100

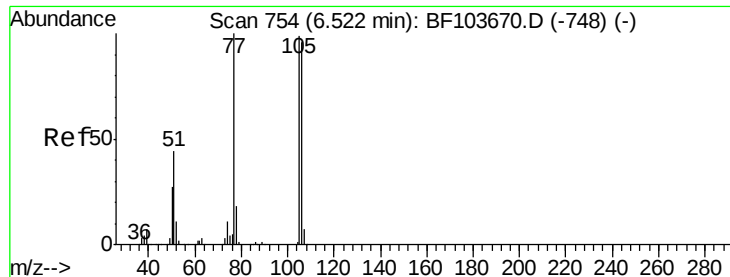
130 32.9 13.0 53.0

64 43.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.401 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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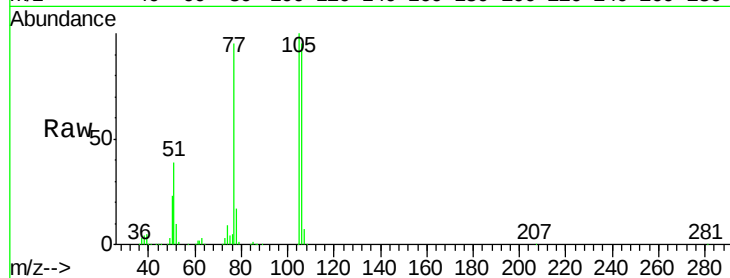
Tot Ion: 77 Resp: 257818

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

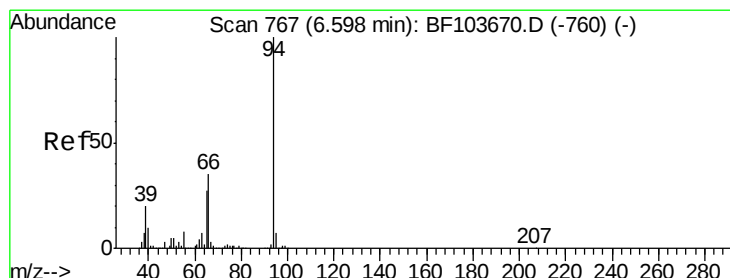
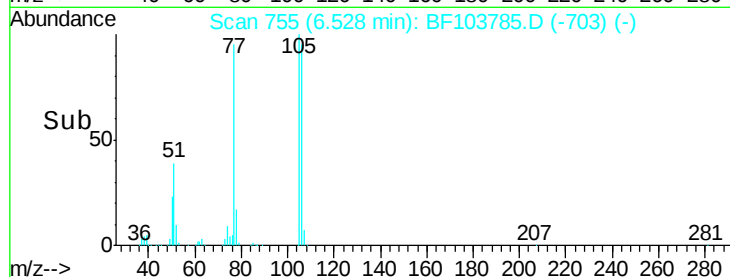
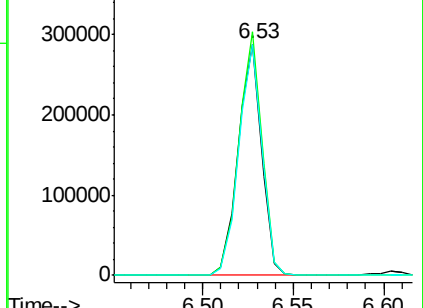
106 100.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.594 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

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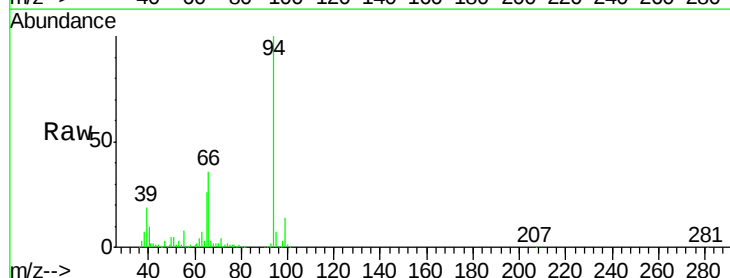
Tgt Ion: 94 Resp: 442131

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

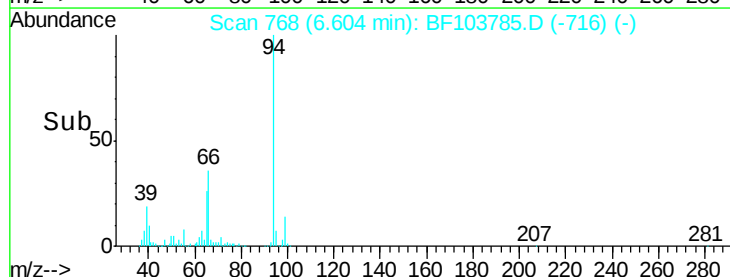
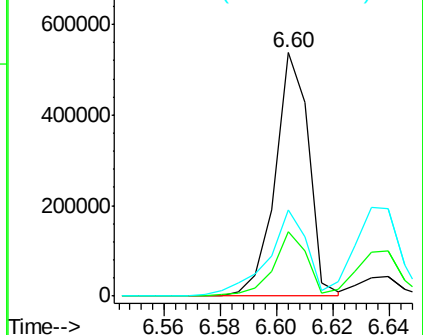
66 35.6 16.2 56.2

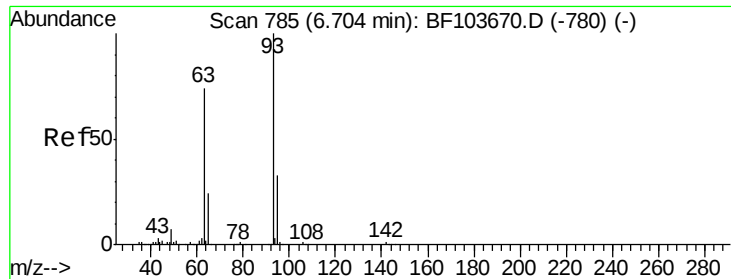


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.429 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

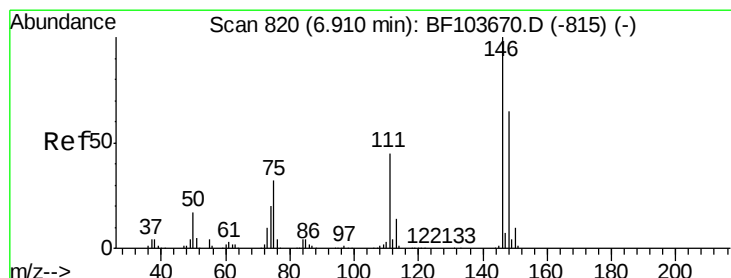
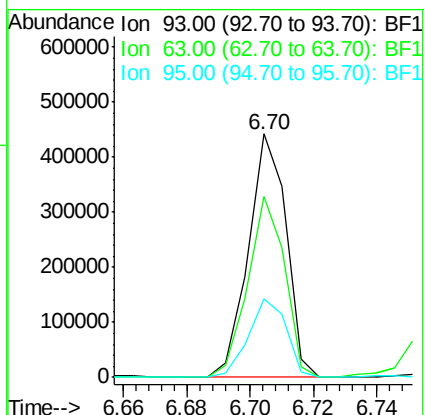
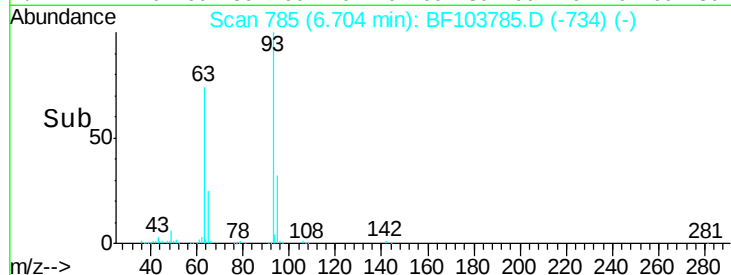
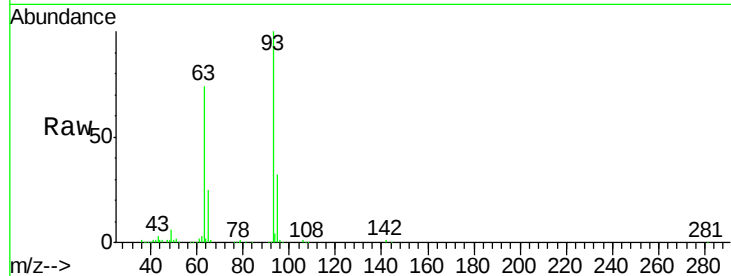
Tot Ion: 93 Resp: 363423

Ion Ratio Lower Upper

93 100

63 74.4 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.550 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

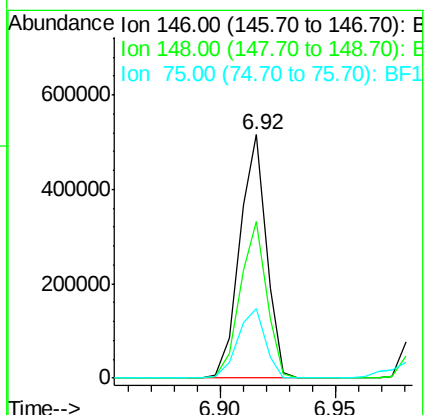
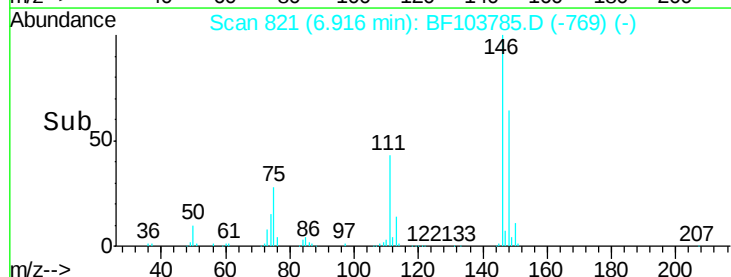
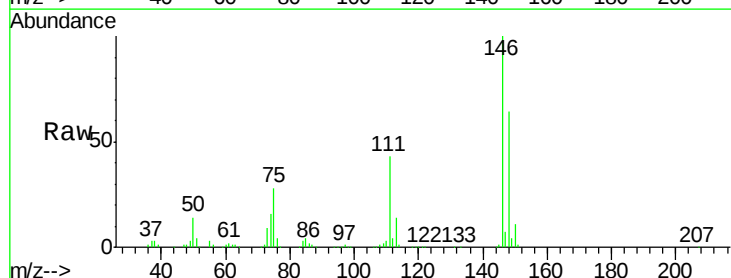
Tgt Ion: 146 Resp: 415822

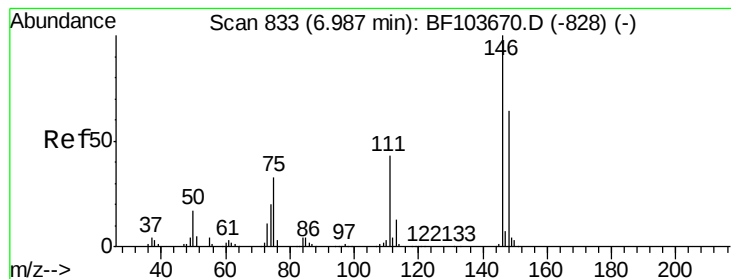
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 28.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.567 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

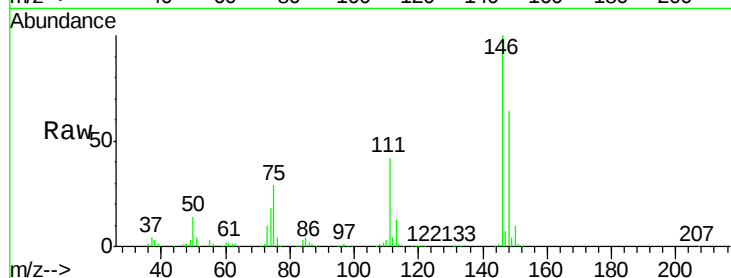
Tot Ion:146 Resp: 418021

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

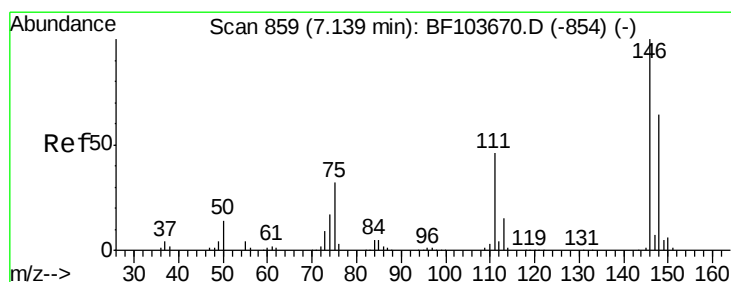
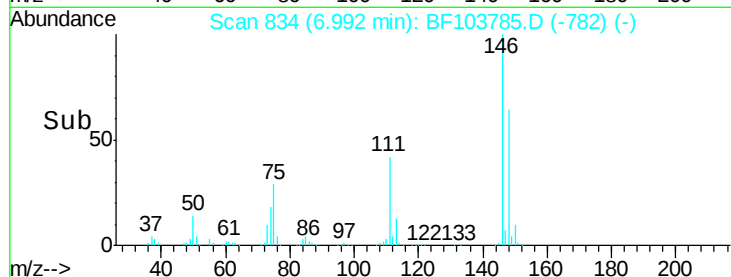
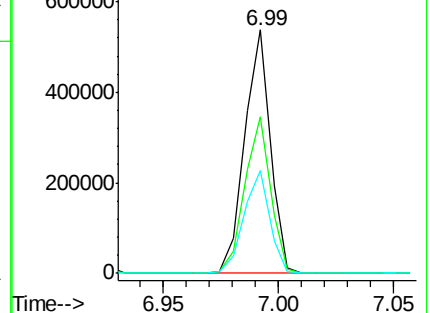
111 42.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.715 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

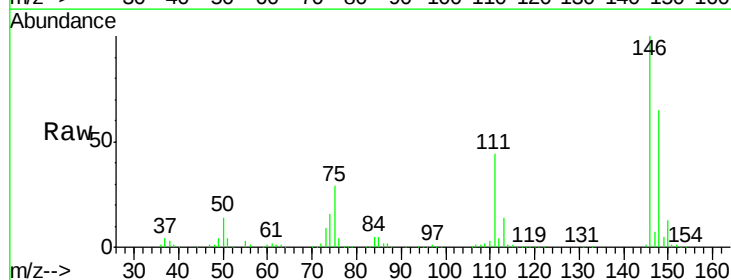
Tgt Ion:146 Resp: 389353

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

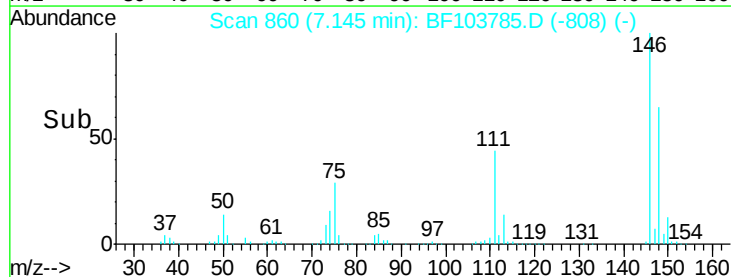
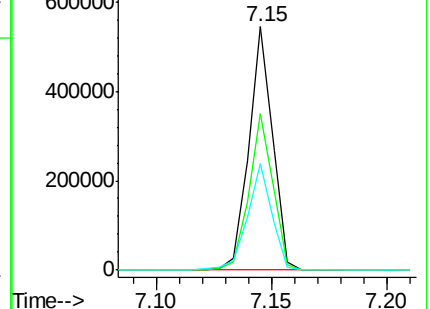
111 44.0 36.0 54.0

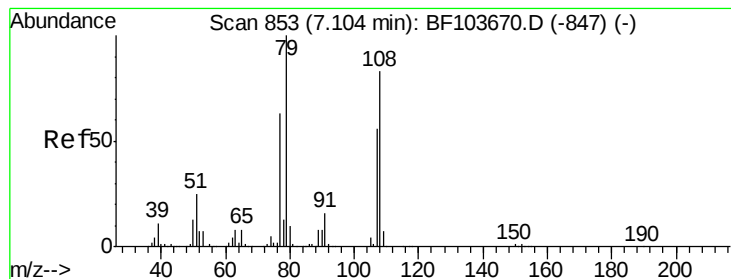


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.597 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

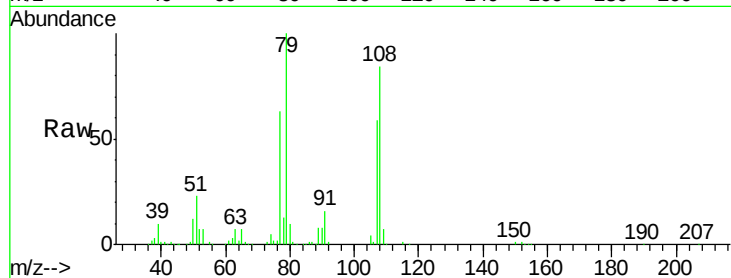
Tot Ion: 79 Resp: 314057

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

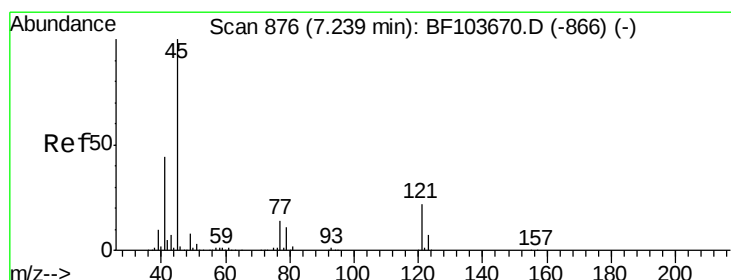
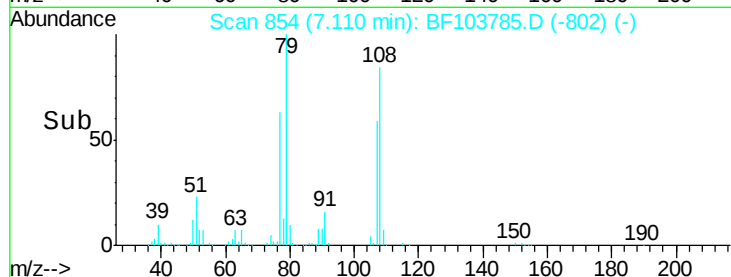
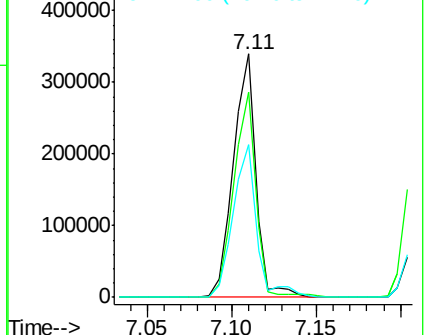
77 62.8 50.6 75.8



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: 35.804 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

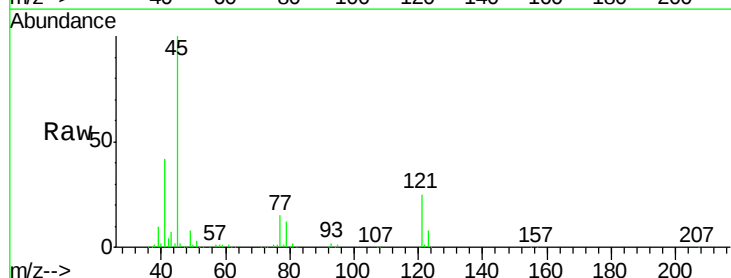
Tgt Ion: 45 Resp: 481598

Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

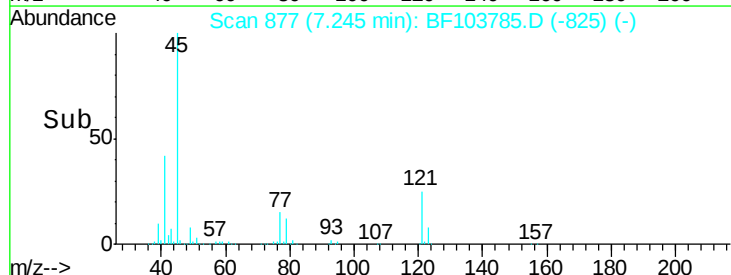
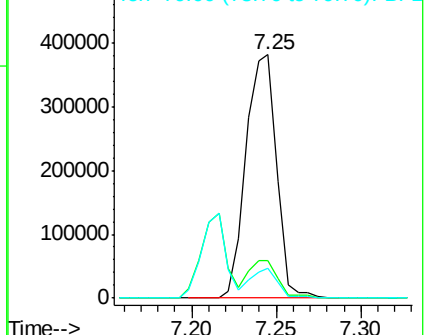
79 12.4 0.0 29.6



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: 39.402 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 323905

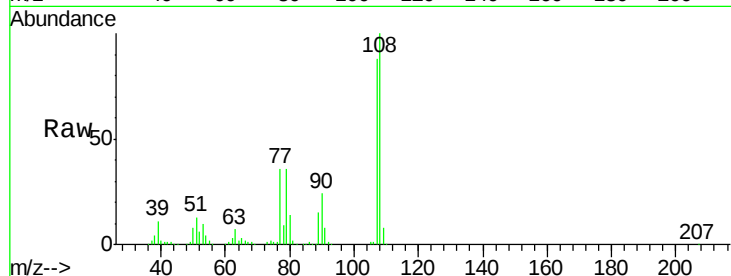
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 40.5 33.8 50.8

79 40.4 33.8 50.8

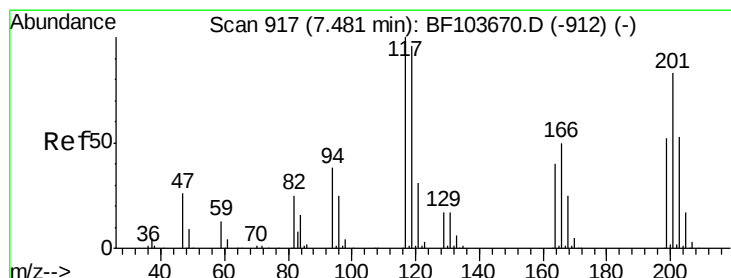
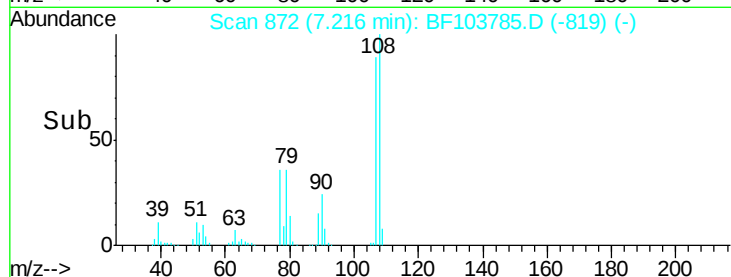
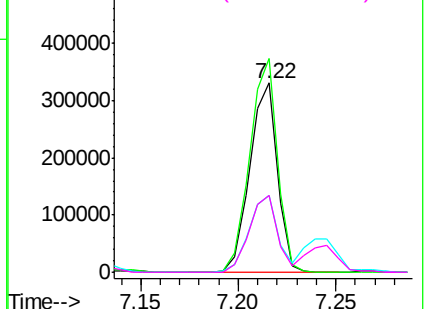


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.144 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

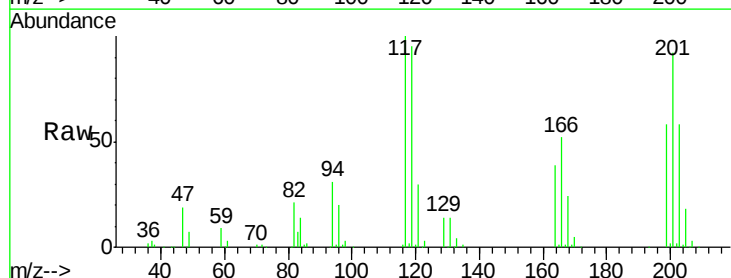
Tgt Ion:117 Resp: 130602

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

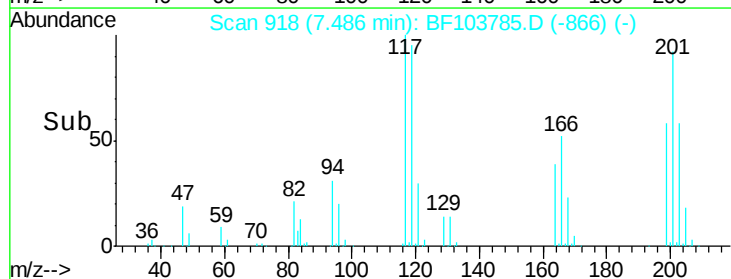
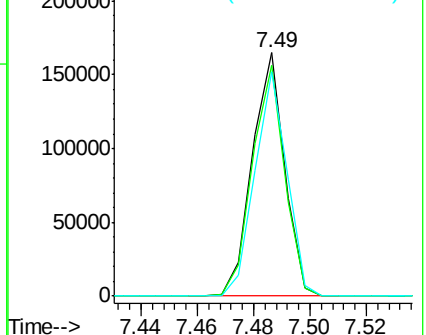
201 92.0 75.7 113.5

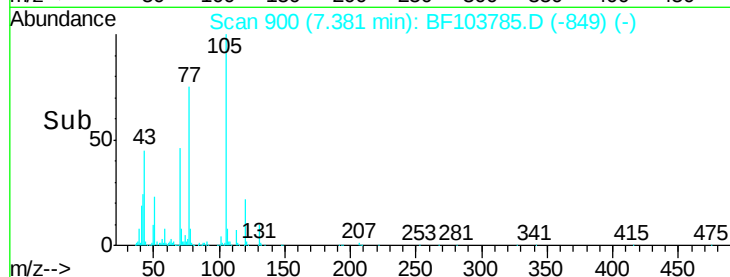
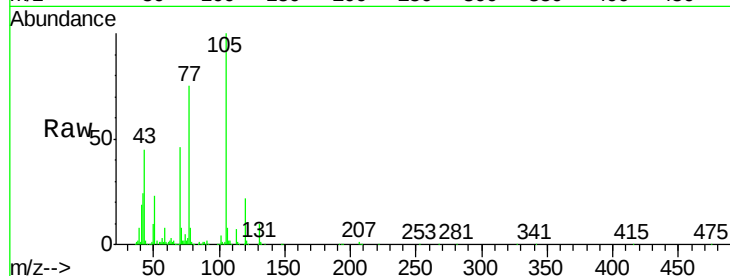
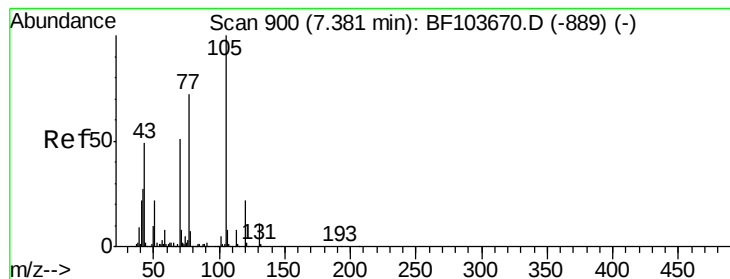


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.946 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 248355

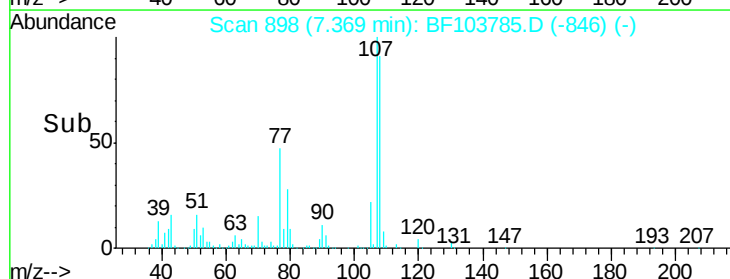
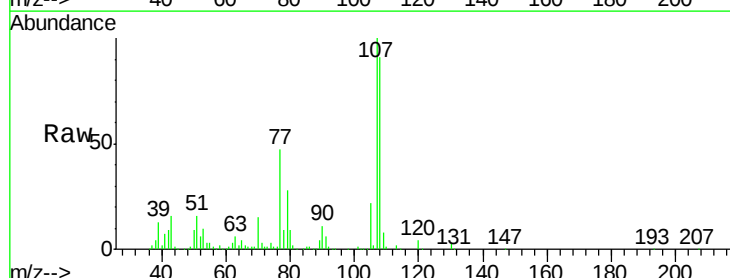
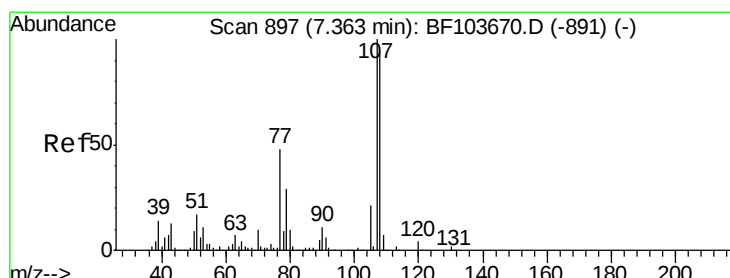
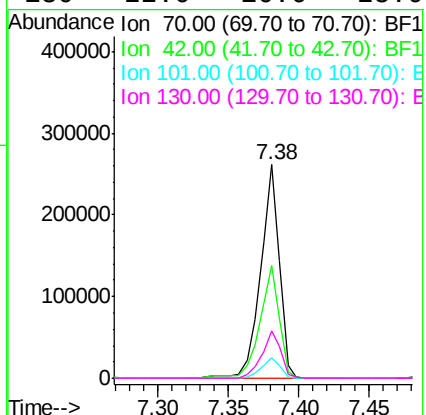
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 9.4 7.4 11.2

130 22.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.589 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Tgt Ion:107 Resp: 413014

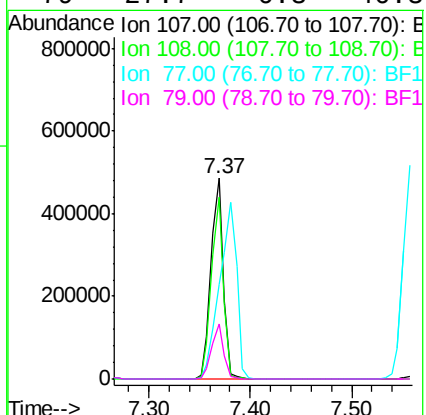
Ion Ratio Lower Upper

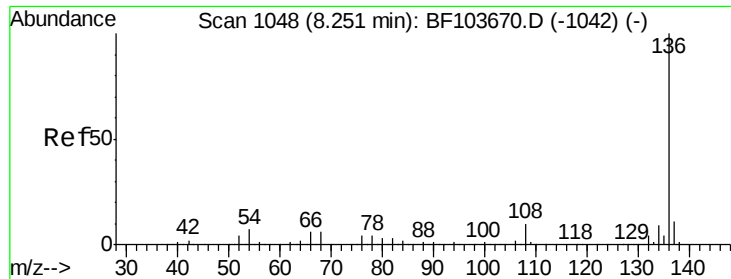
107 100

108 90.6 68.2 108.2

77 47.4 26.7 66.7

79 27.7 6.3 46.3

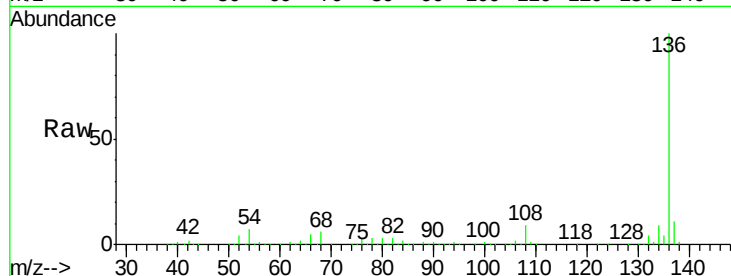




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	544338
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	6.2	5.0 7.4



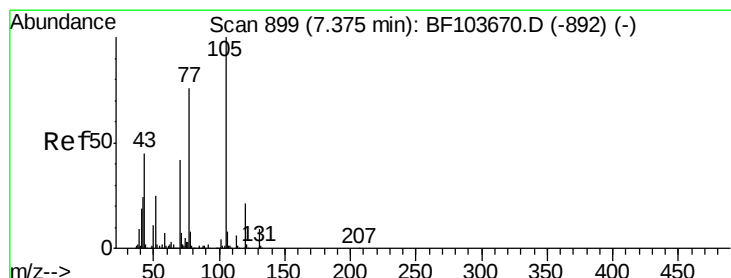
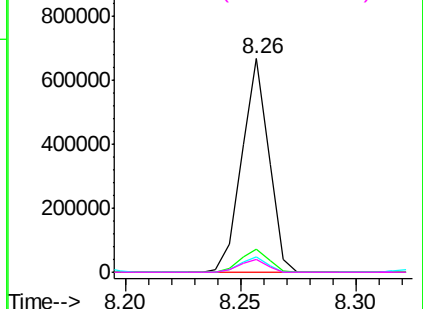
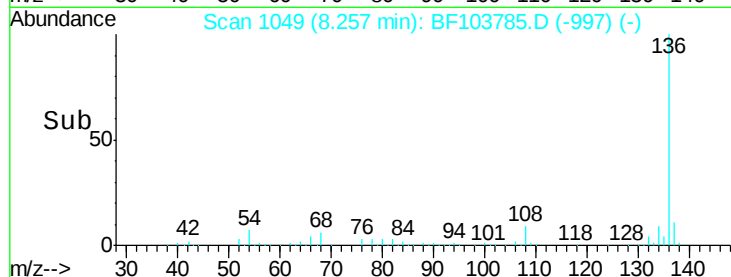
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

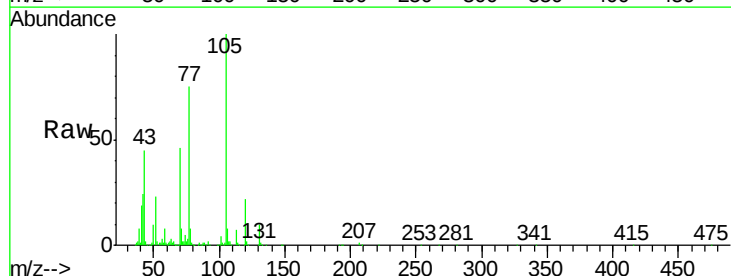
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.240 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:105	Resp:	520975
Ion Ratio	Lower	Upper
105	100	
71	7.9	4.4 6.6#
51	23.1	22.3 33.5
120	21.8	16.9 25.3



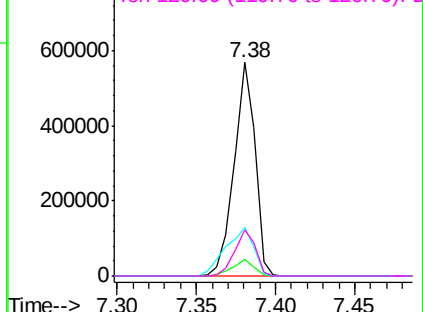
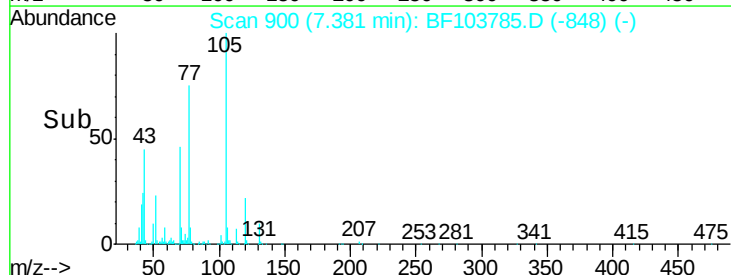
Abundance

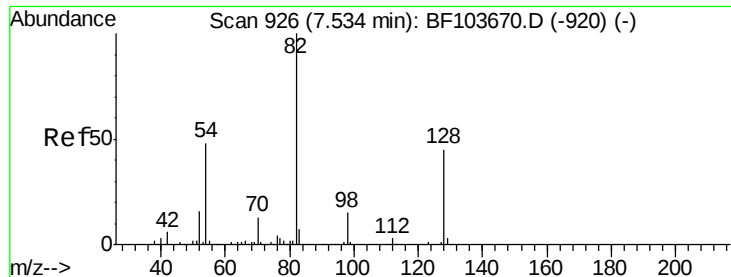
Ion 105.00 (104.70 to 105.70): E

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

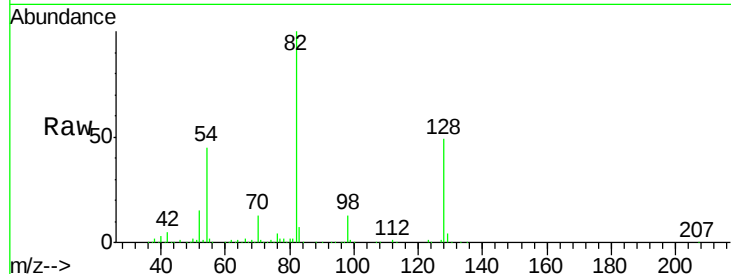




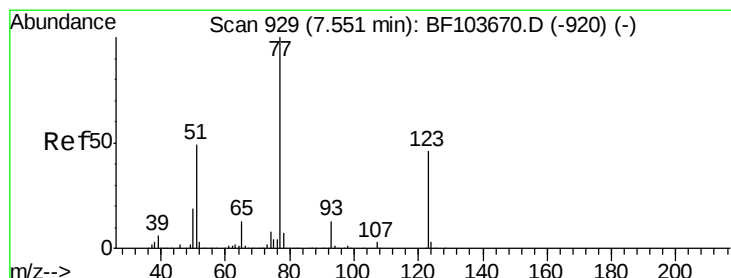
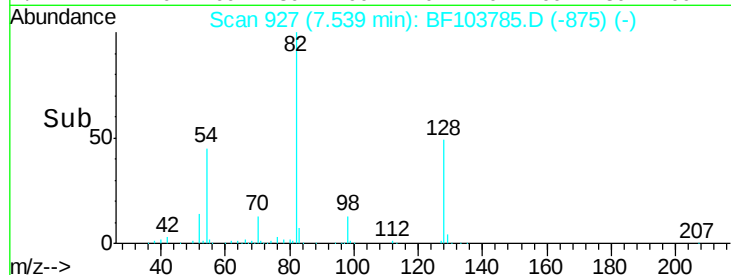
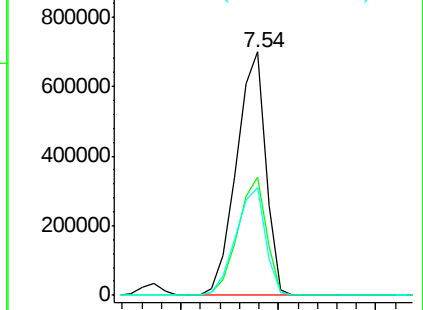
#23
 Nitrobenzene-d5
 Concen: 92.875 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	724955
Ion Ratio	100	Lower	Upper
128	48.6	36.1	54.1
54	44.6	41.4	62.2

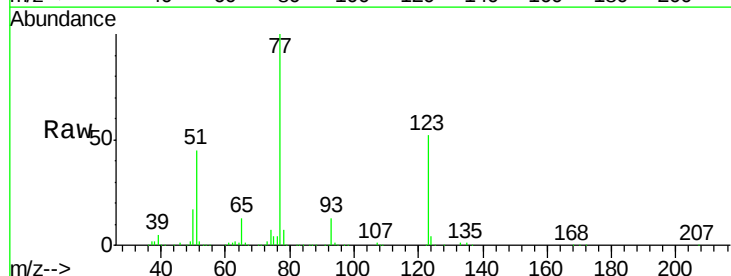


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

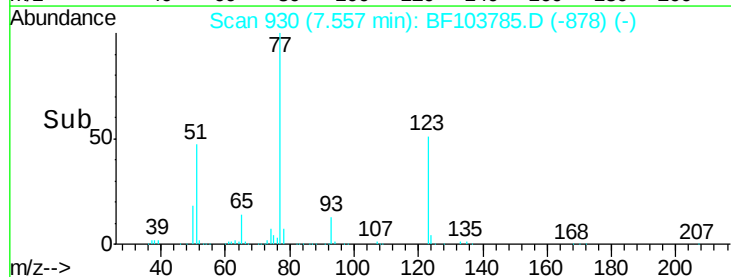
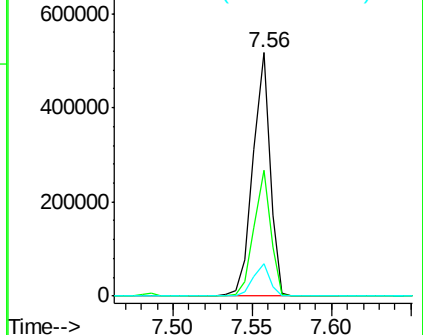


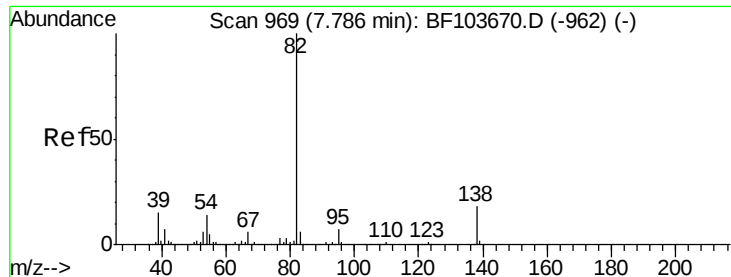
#24
 Nitrobenzene
 Concen: 42.323 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion	77	Resp	387849
Ion Ratio	100	Lower	Upper
123	51.6	37.9	56.9
65	13.3	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

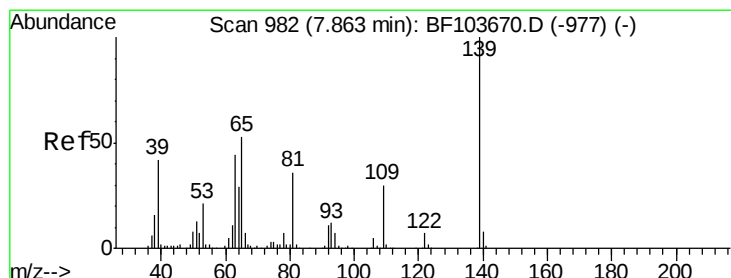
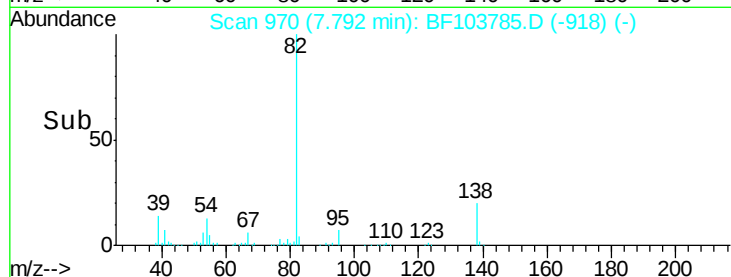
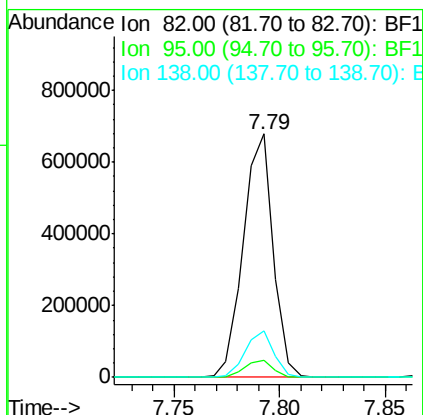
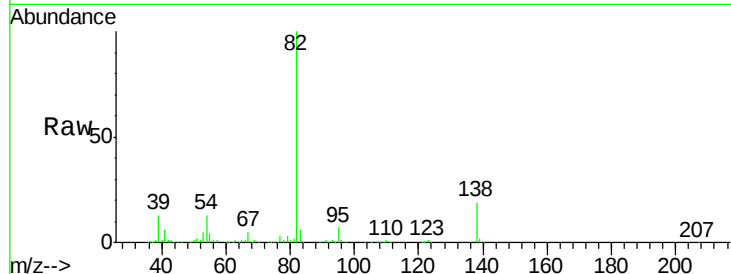




#25
Isophorone
Concen: 36.867 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

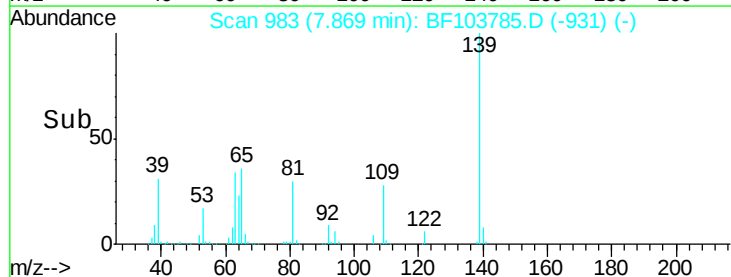
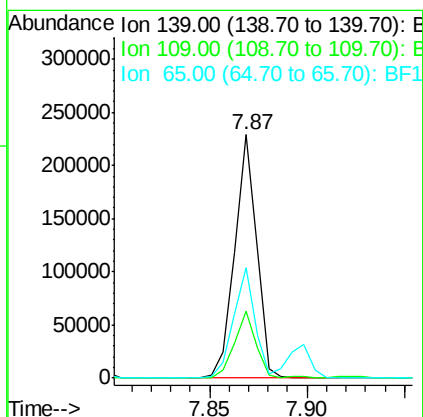
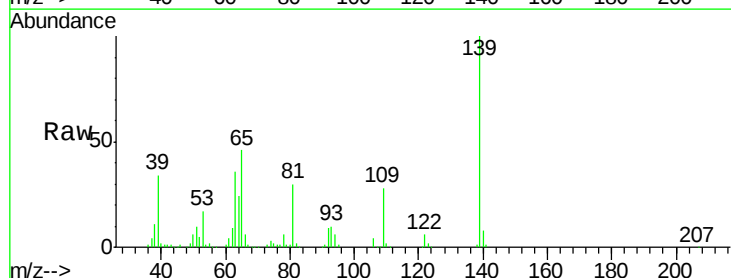
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

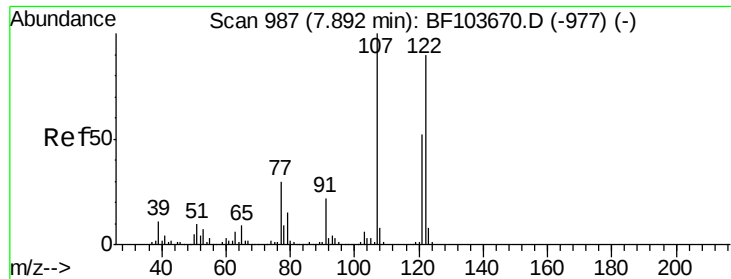
Tot Ion: 82 Resp: 666173
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 50.581 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion: 139 Resp: 178560
Ion Ratio Lower Upper
139 100
109 27.5 22.7 34.1
65 45.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.092 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

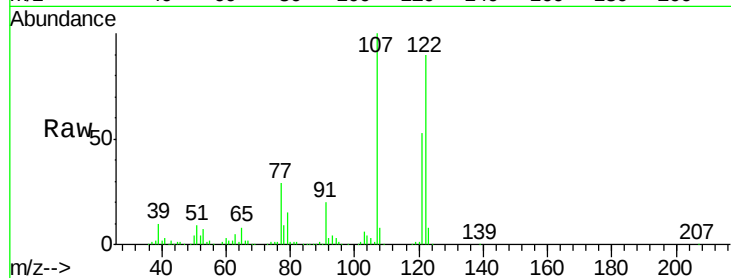
Tot Ion:122 Resp: 310358

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

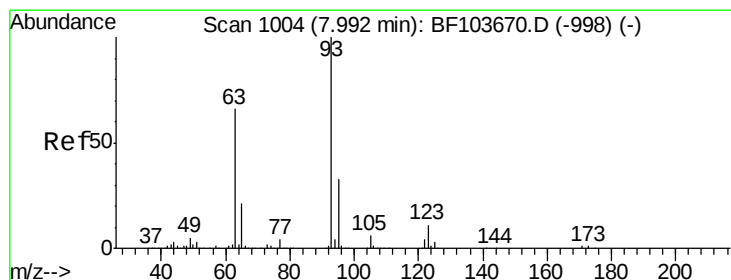
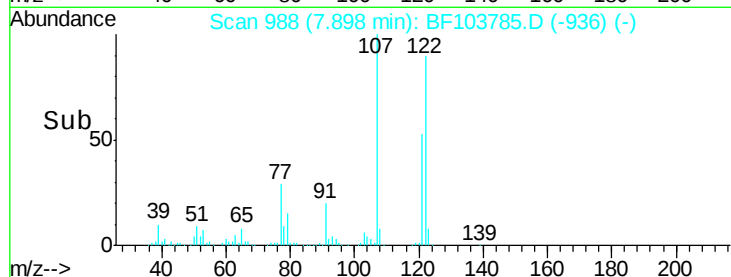
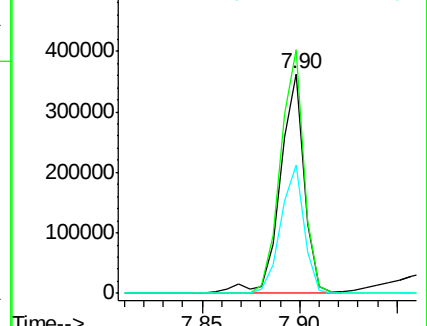
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.564 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

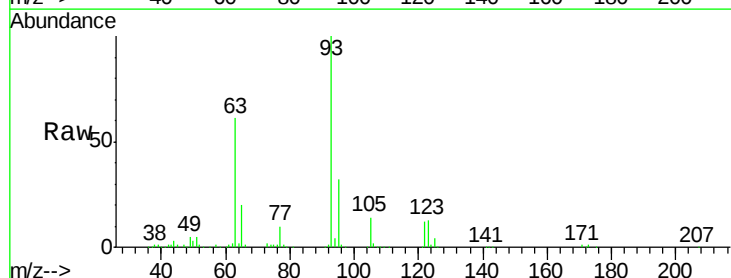
Tgt Ion: 93 Resp: 421964

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

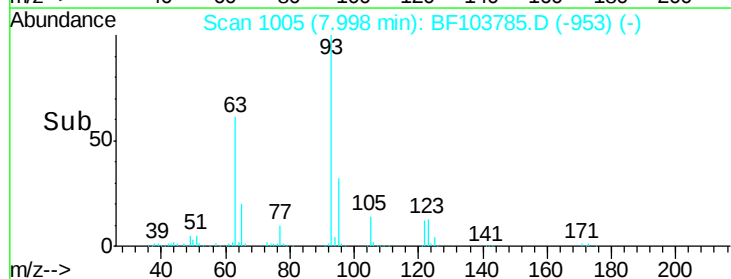
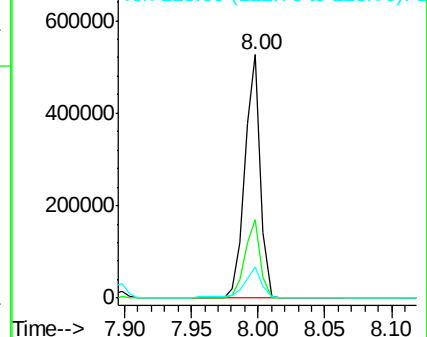
123 12.6 9.8 14.6

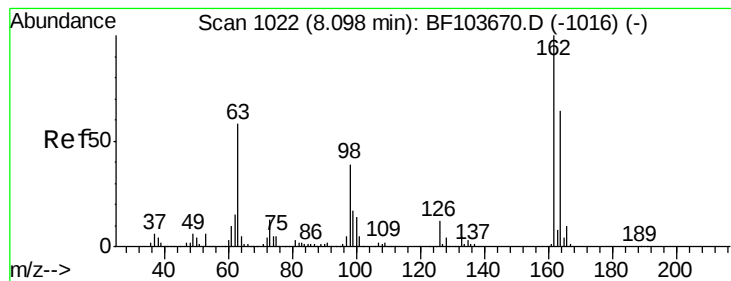


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.686 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

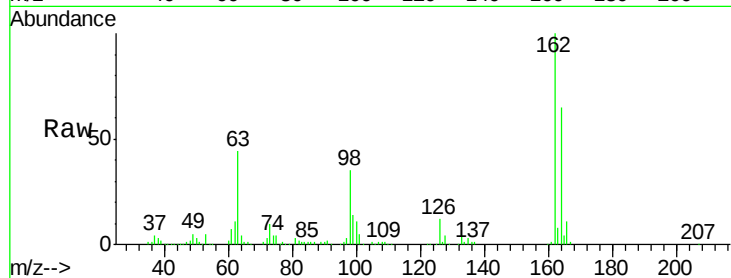
Tot Ion:162 Resp: 293584

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

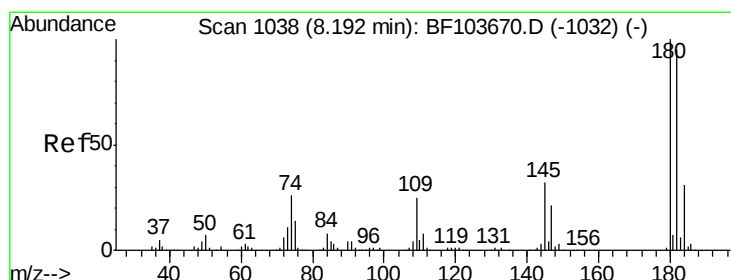
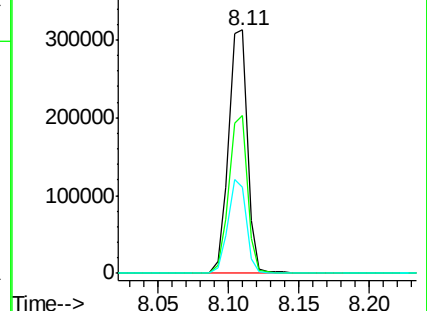
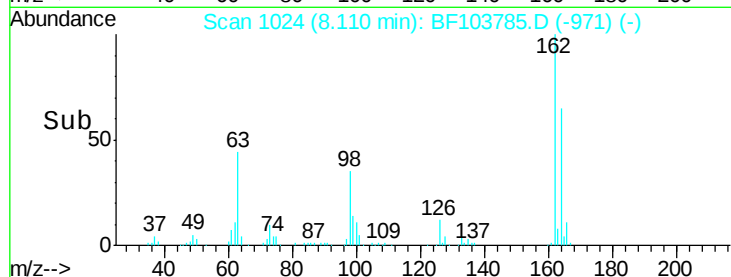
98 35.5 18.1 58.1



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: 40.351 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

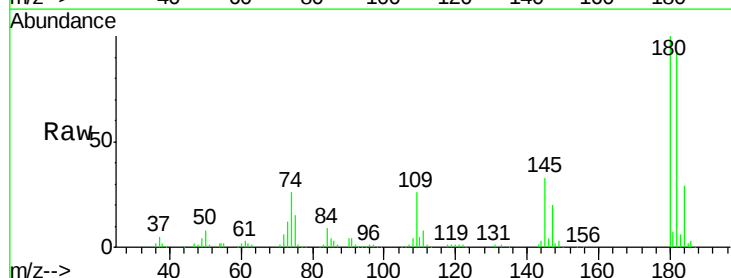
Tgt Ion:180 Resp: 329607

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

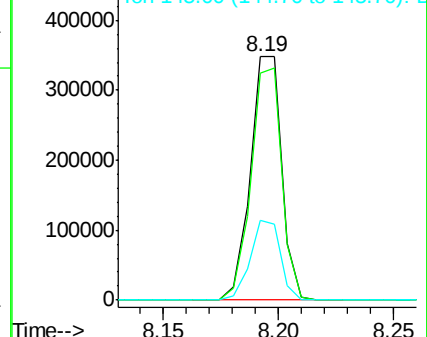
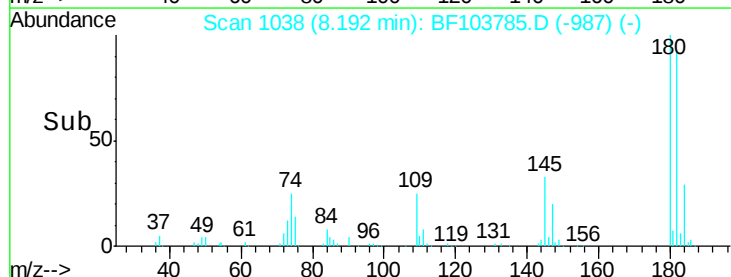
145 32.9 26.5 39.7

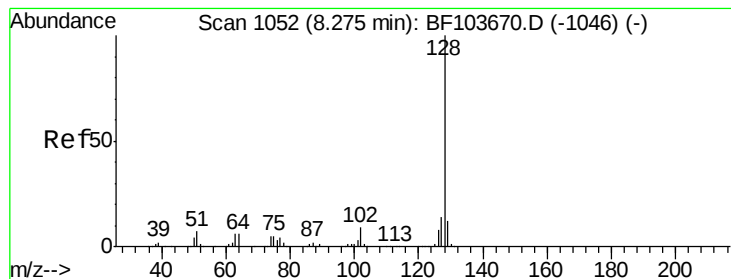


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.508 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

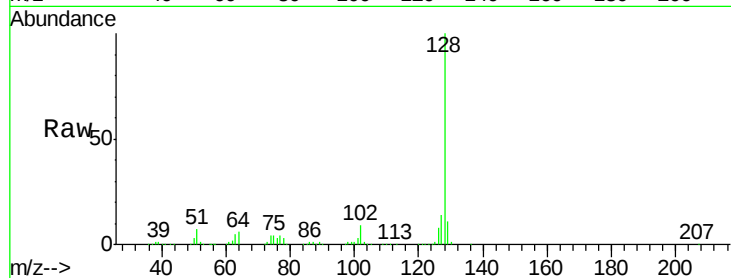
Tot Ion:128 Resp: 1058869

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

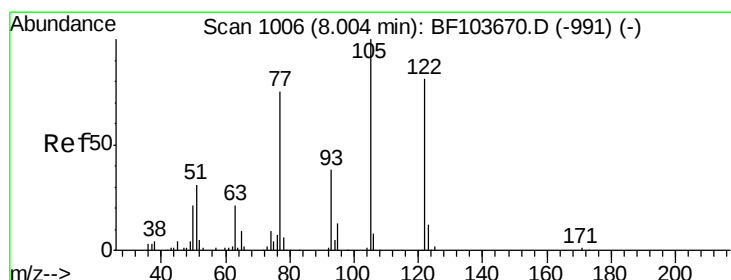
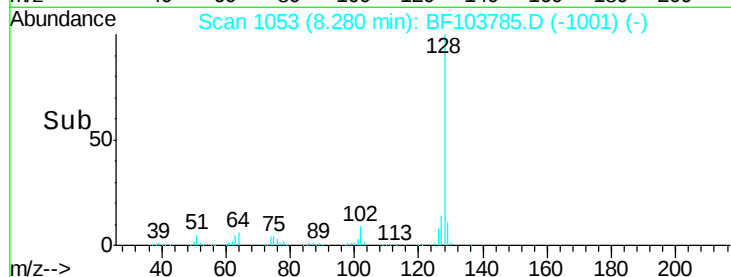
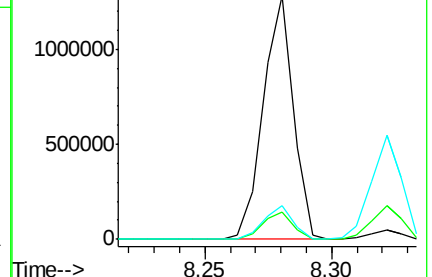
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.161 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

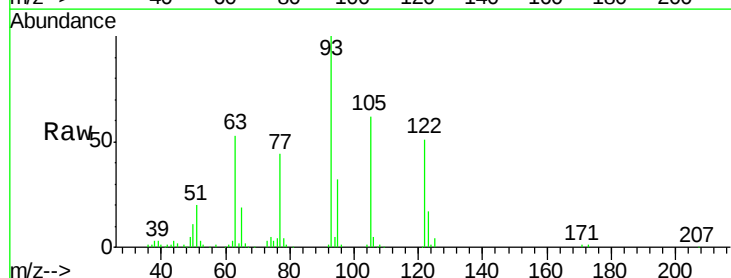
Tgt Ion:122 Resp: 187585

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

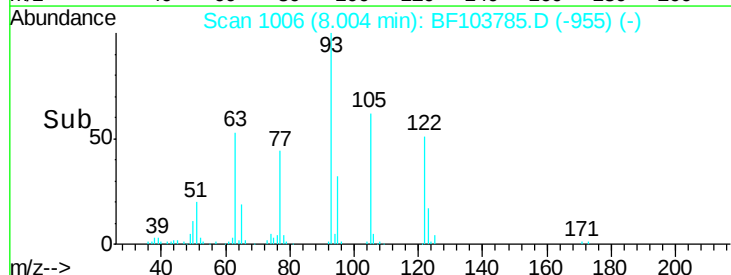
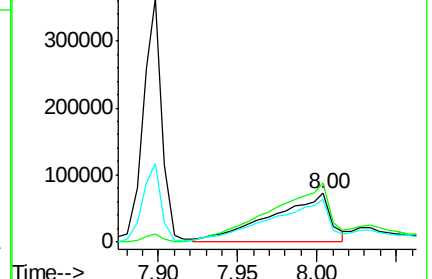
77 86.1 70.7 110.7

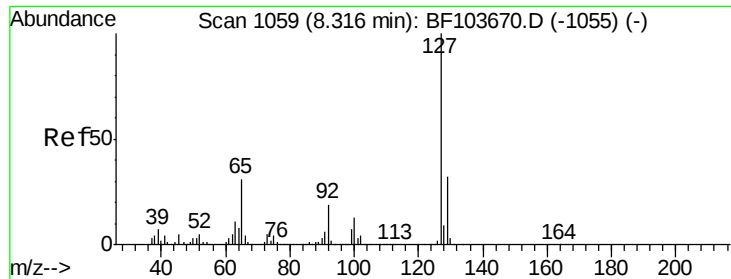


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

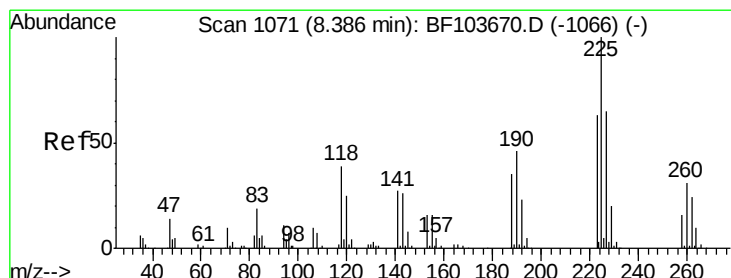
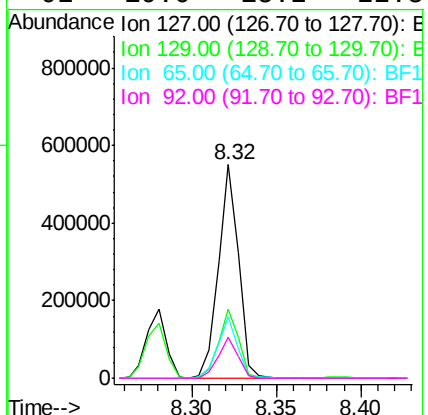
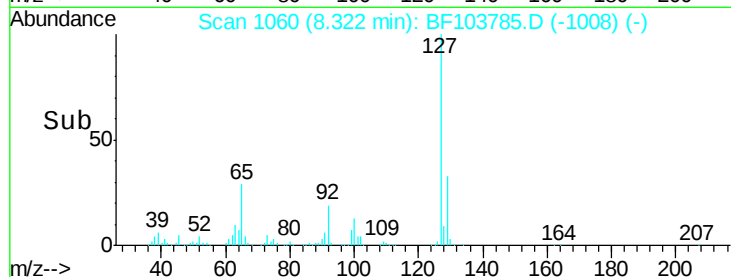
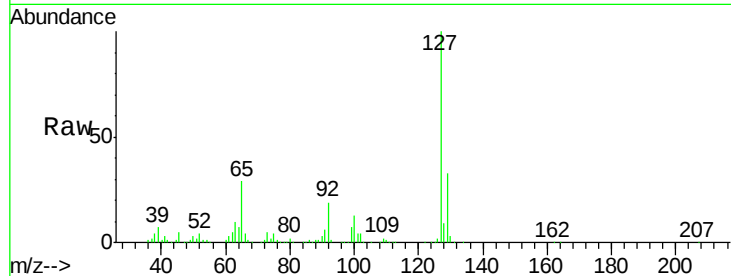




#33
4-Chloroaniline
Concen: 39.813 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

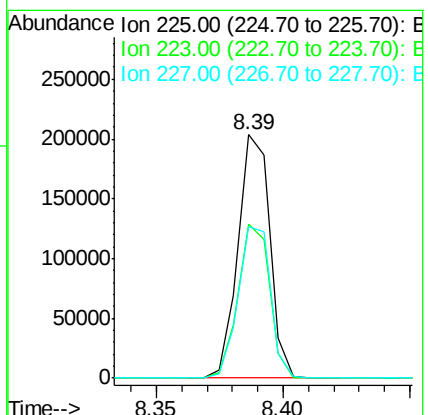
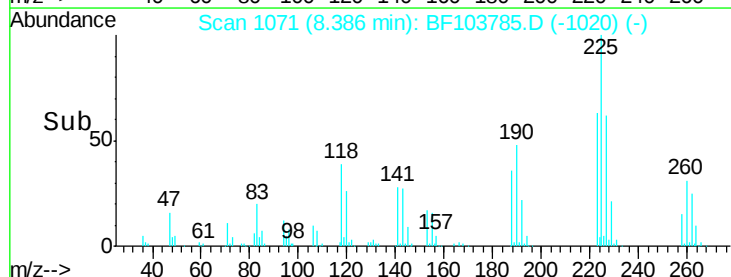
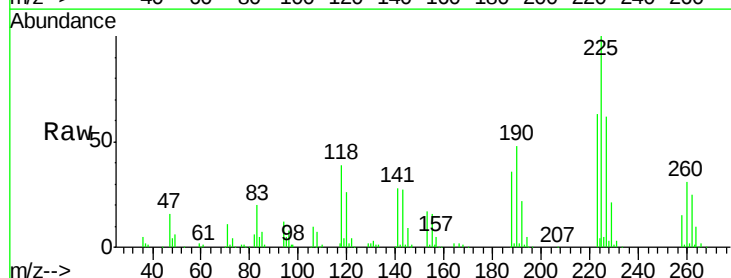
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

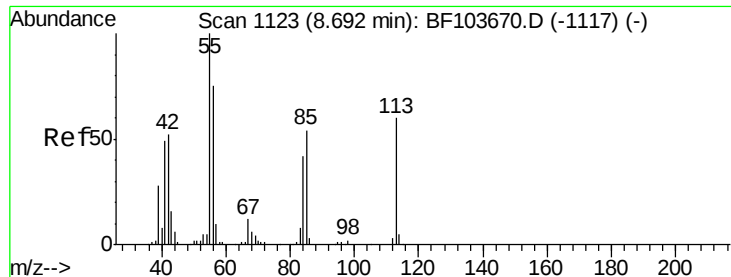
Tot Ion:	127	Resp:	459283
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.8	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.456 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:	225	Resp:	176708
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.1	51.9	77.9

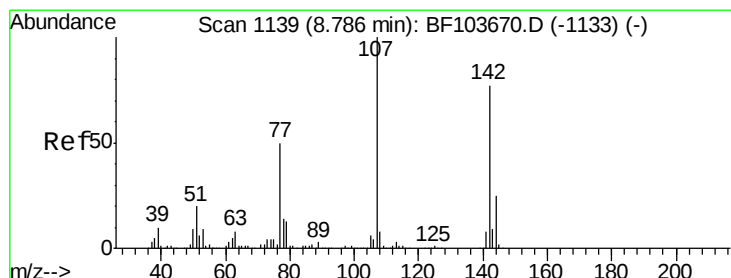
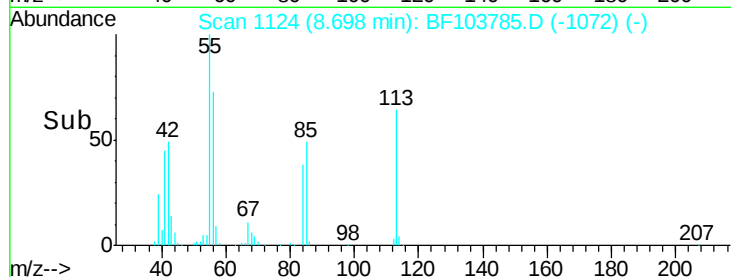
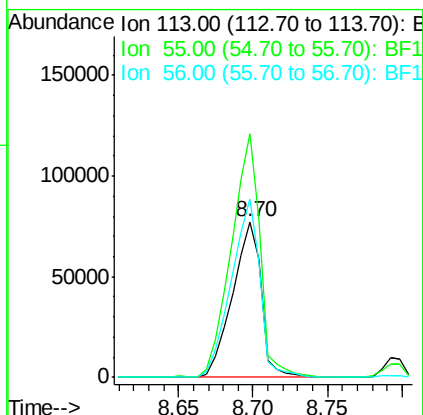
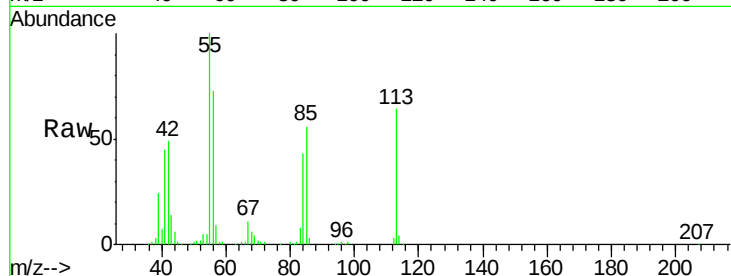




#35
Caprolactam
Concen: 42.803 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

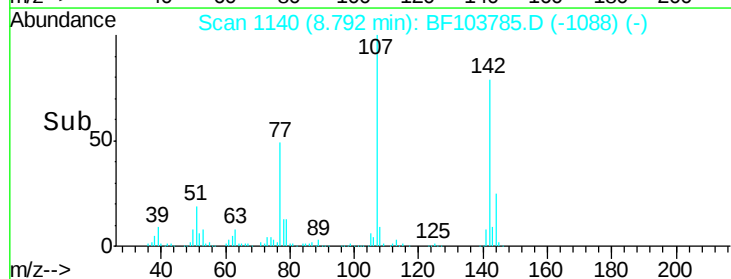
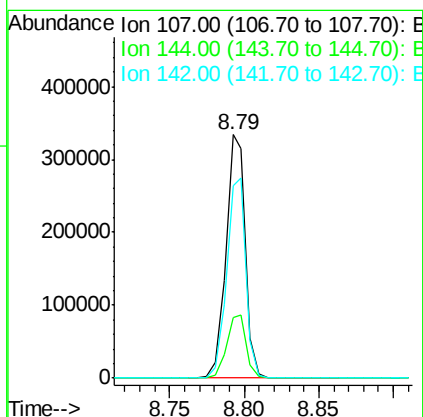
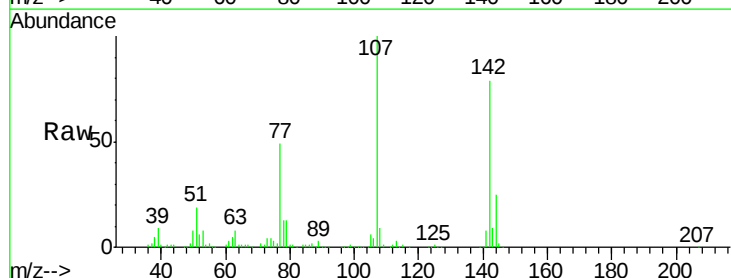
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

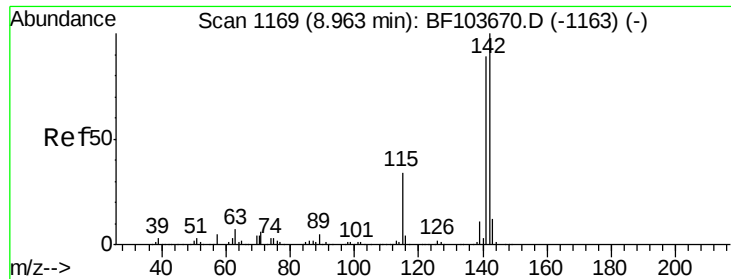
Tot Ion:113 Resp: 103802
Ion Ratio Lower Upper
113 100
55 156.8 163.3 203.3#
56 114.7 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.571 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:107 Resp: 307232
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 78.9 62.0 93.0

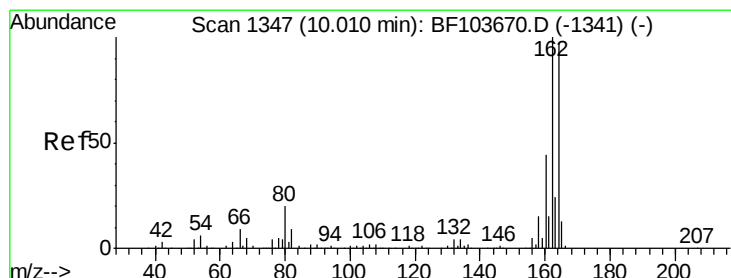
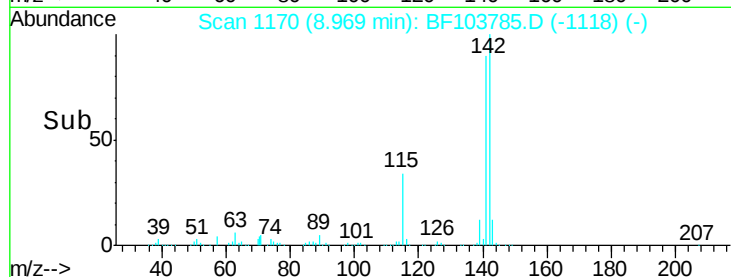
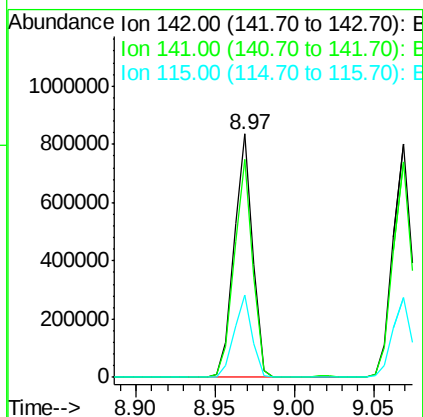
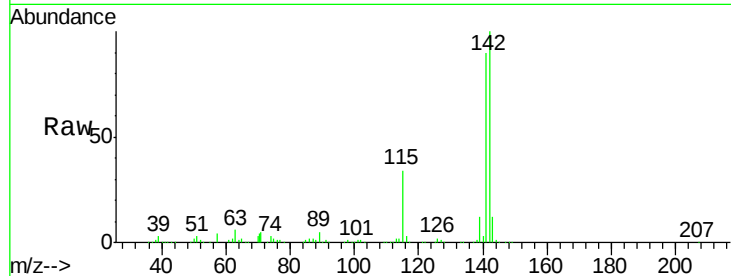




#37
2-Methylnaphthalene
Concen: 38.719 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

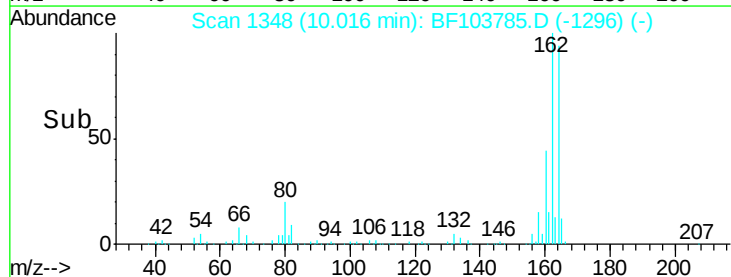
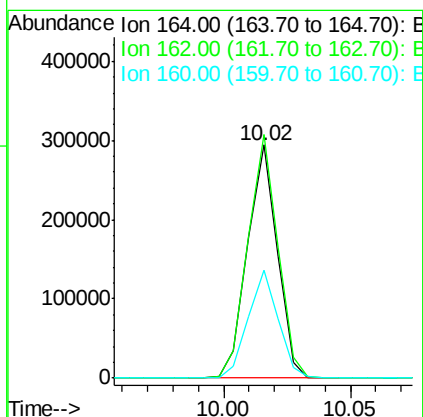
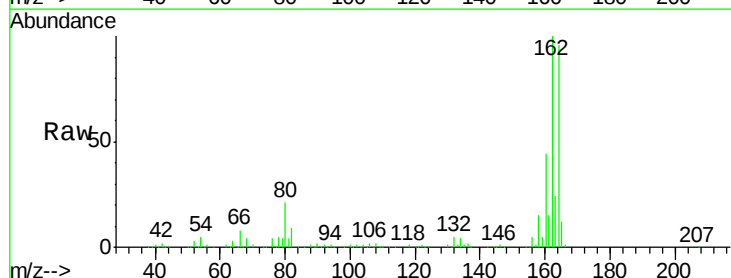
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

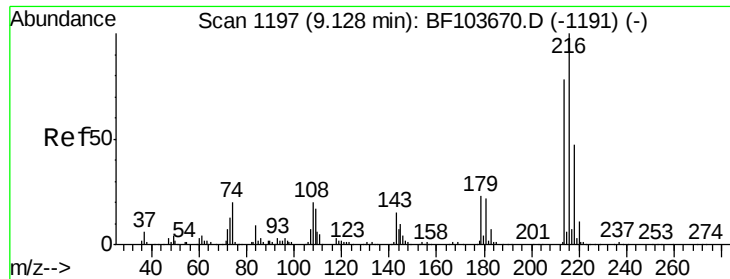
Tot Ion:142 Resp: 675156
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 33.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:164 Resp: 241318
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 46.3 38.3 57.5

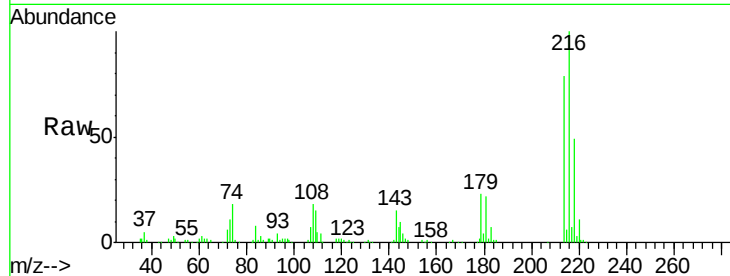




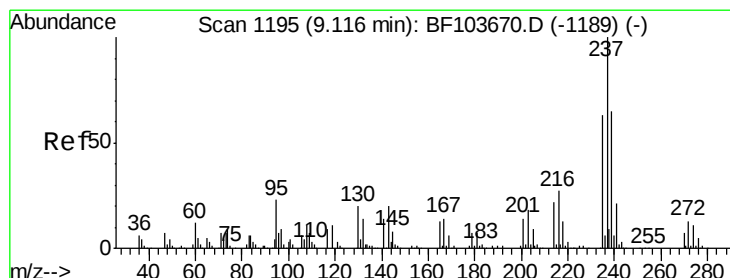
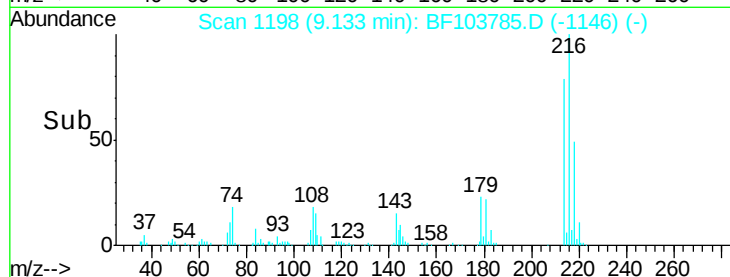
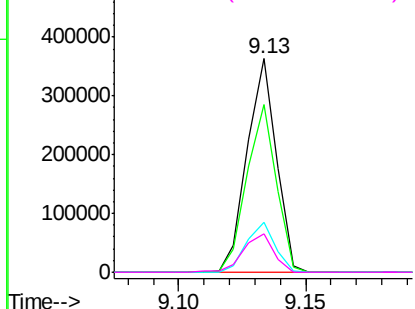
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.413 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	291992
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	23.2	18.1	27.1
108	19.0	17.2	25.8

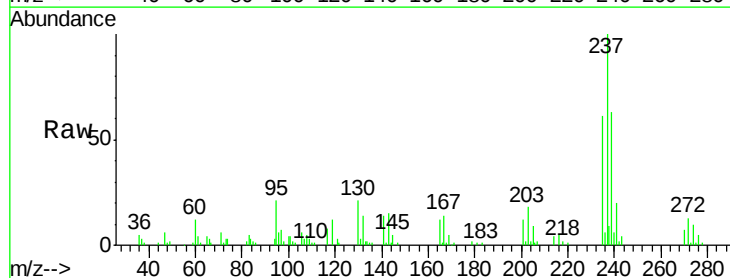


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

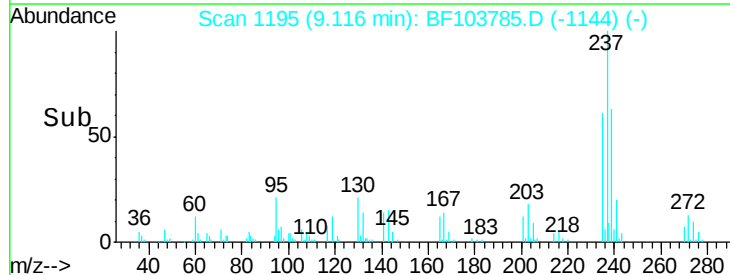
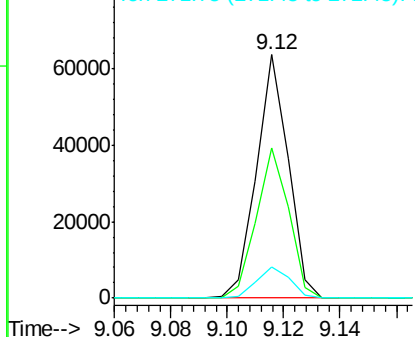


#40
 Hexachlorocyclopentadiene
 Concen: 13.986 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:	237	Resp:	49685
Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.8	84.8
272	12.7	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 92.067 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

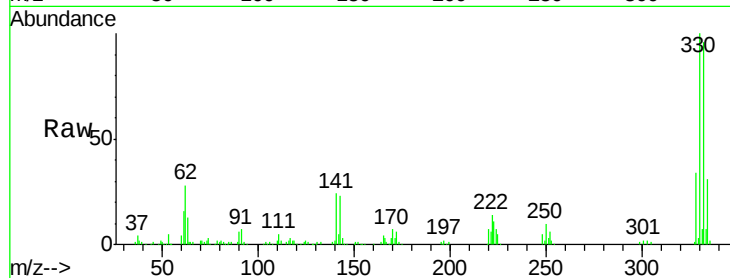
Tot Ion:330 Resp: 191027

Ion Ratio Lower Upper

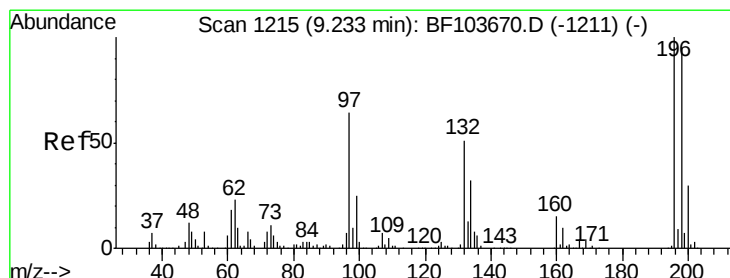
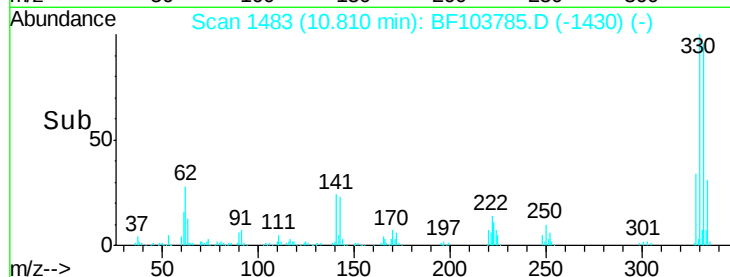
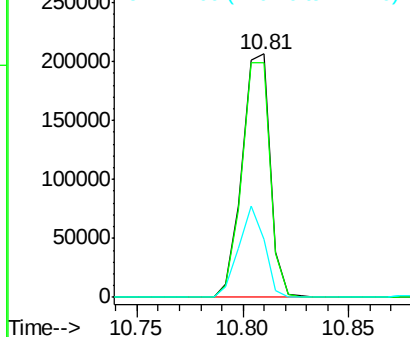
330 100

332 97.1 77.0 115.6

141 34.0 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 45.253 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

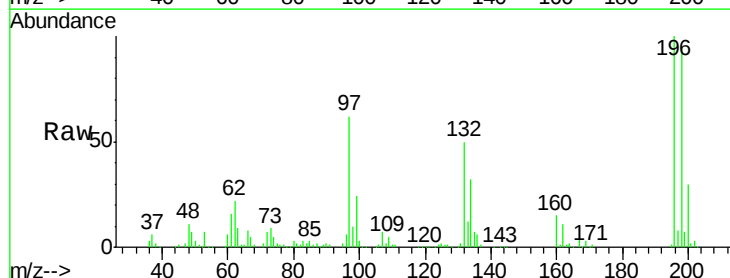
Tgt Ion:196 Resp: 199274

Ion Ratio Lower Upper

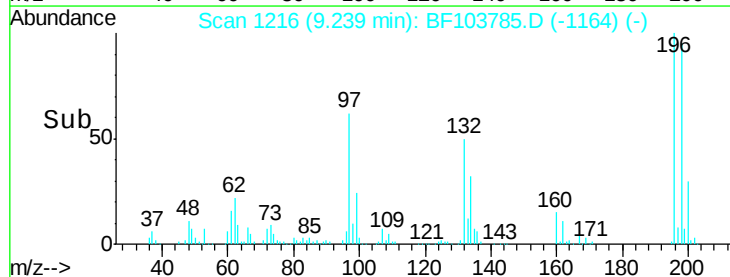
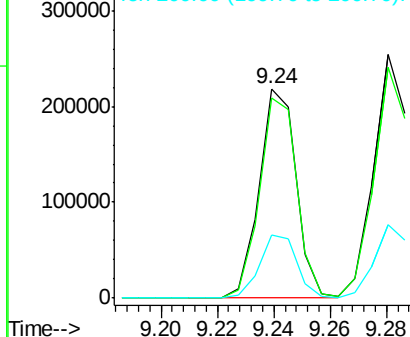
196 100

198 95.4 75.7 113.5

200 30.1 24.5 36.7



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

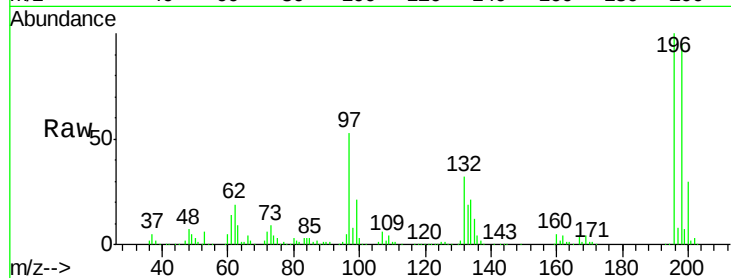




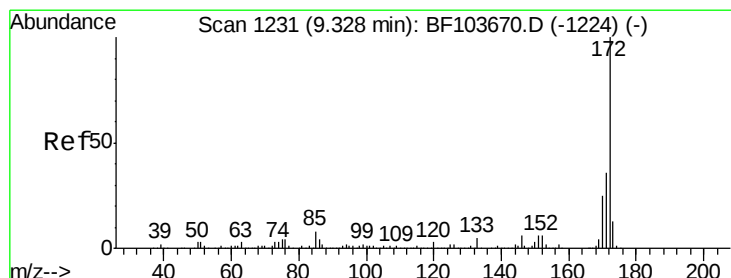
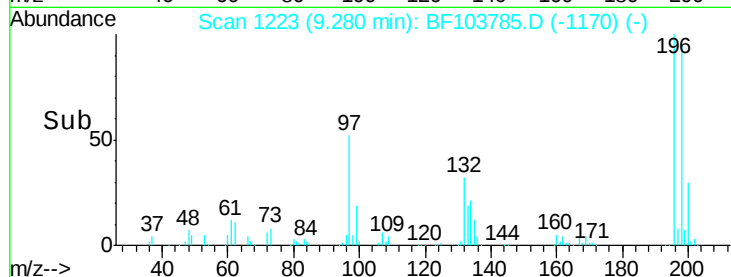
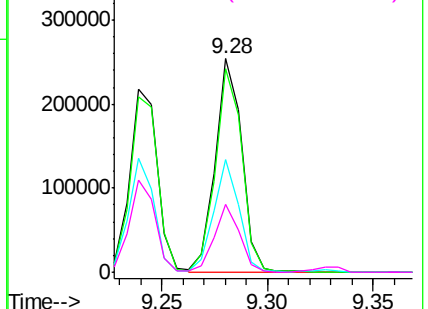
#43
 2,4,5-Trichlorophenol
 Concen: 44.823 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 222780
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 52.7 42.9 64.3
 132 31.6 26.3 39.5

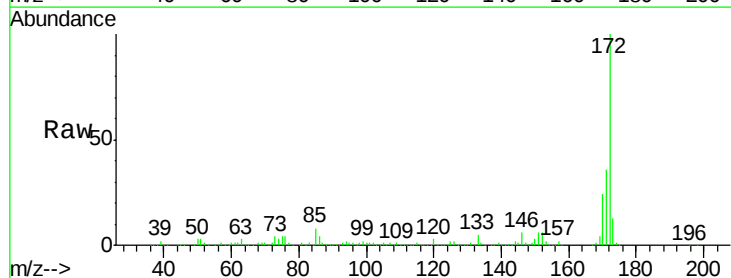


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

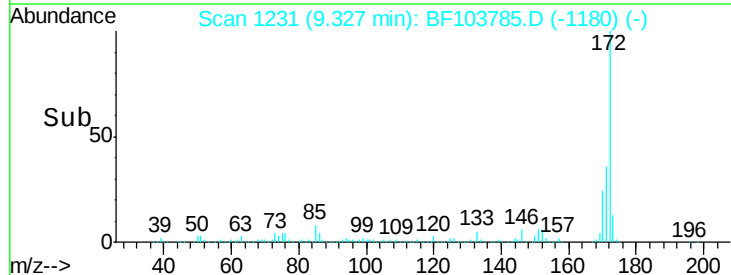
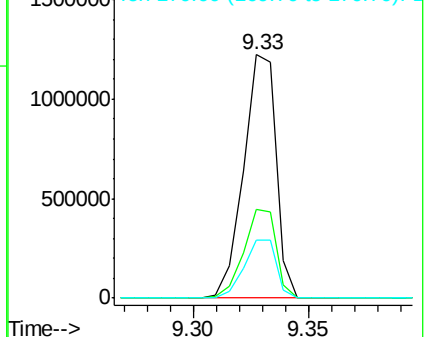


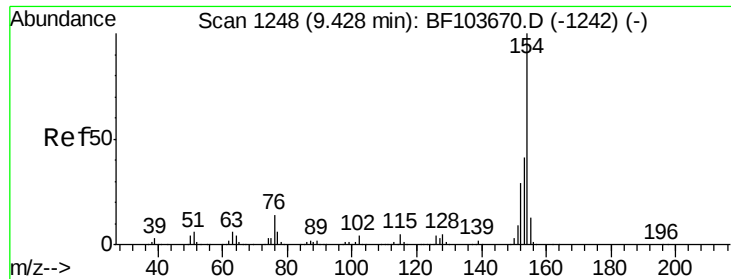
#44
 2-Fluorobiphenyl
 Concen: 79.905 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:172 Resp: 1208816
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 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

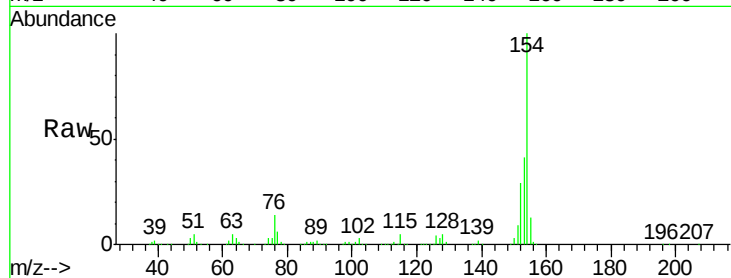




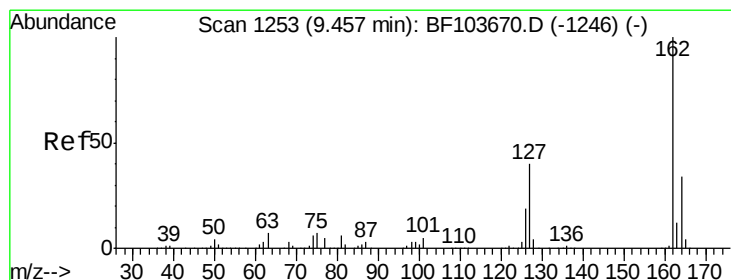
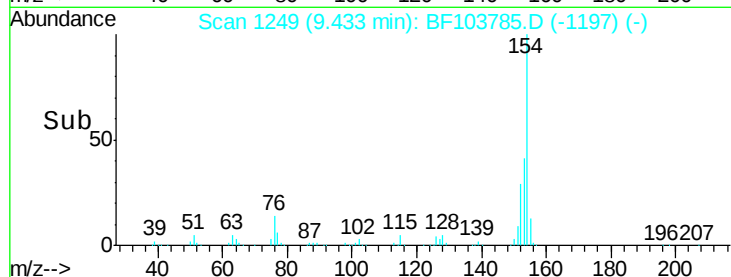
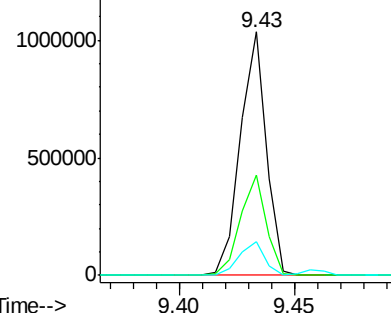
#45
1,1'-Biphenyl
Concen: 40.654 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.8	0.0	34.0

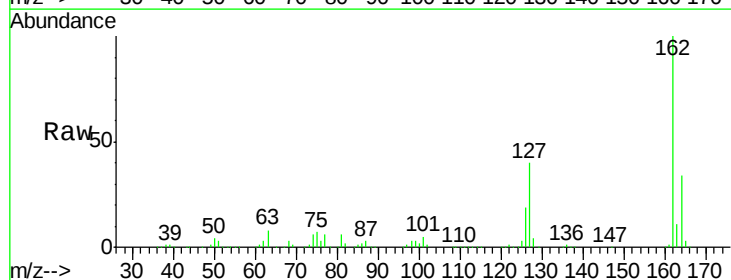


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

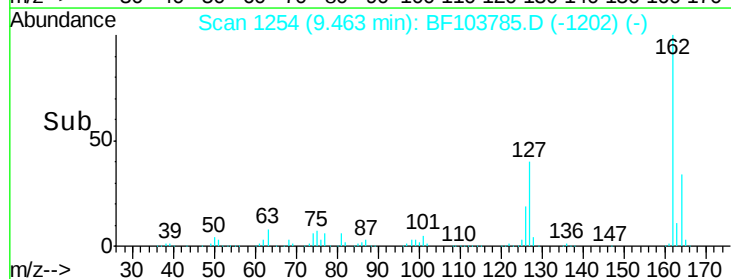
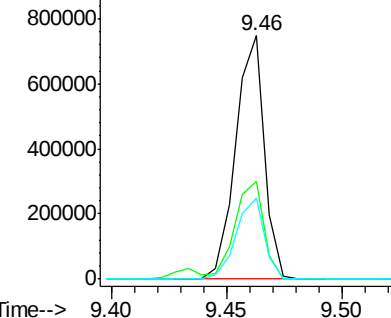


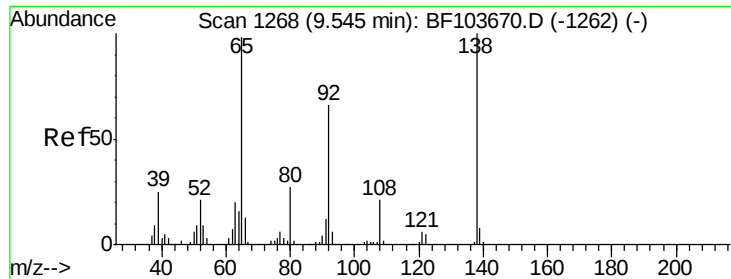
#46
2-Chloronaphthalene
Concen: 40.613 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	33.5	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

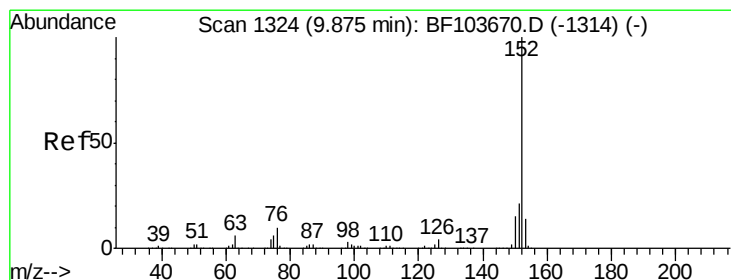
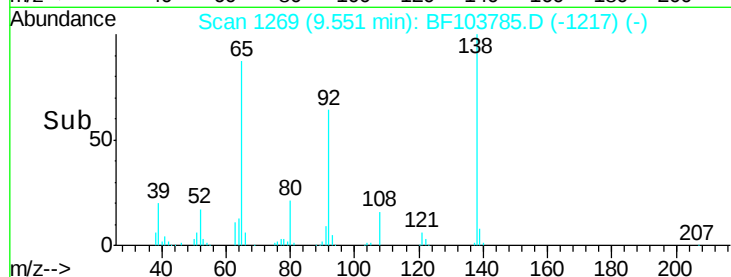
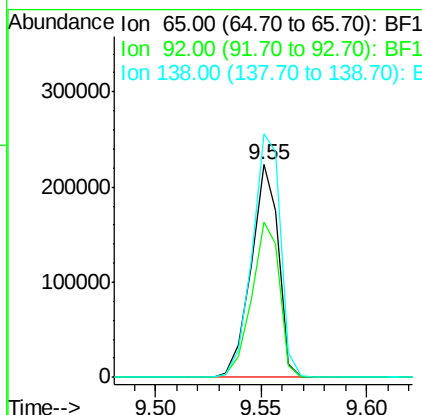
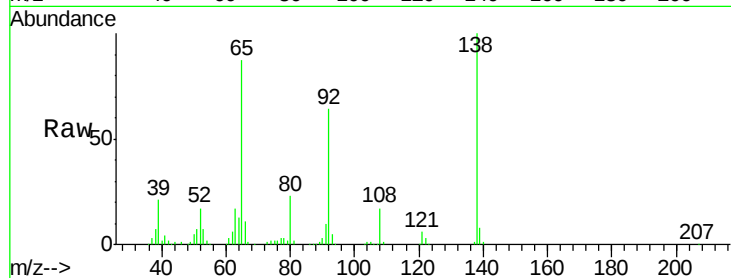




#47
2-Nitroaniline
Concen: 47.908 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

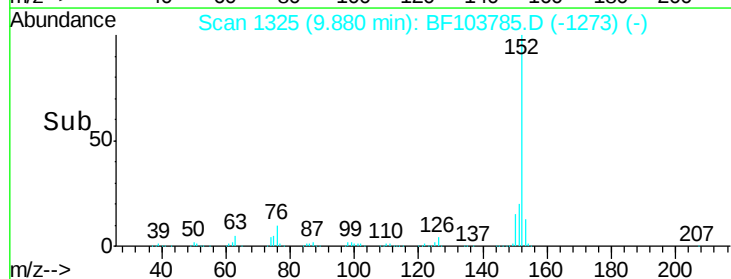
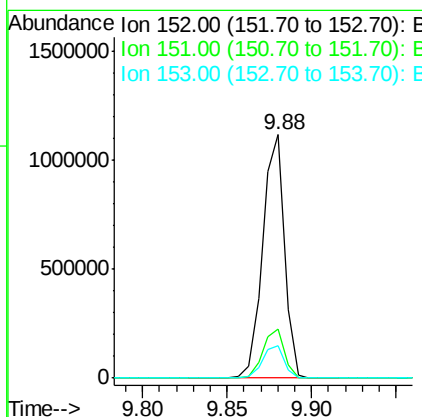
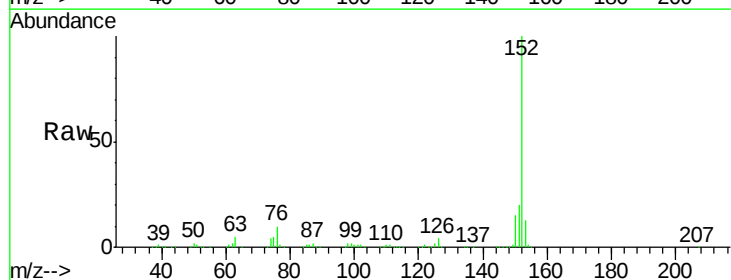
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

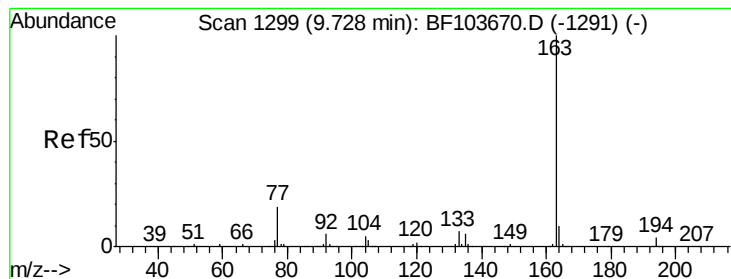
Tot Ion: 65 Resp: 200241
Ion Ratio Lower Upper
65 100
92 72.8 55.8 83.6
138 114.6 91.2 136.8



#48
Acenaphthylene
Concen: 40.103 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion: 152 Resp: 993909
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 42.257 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

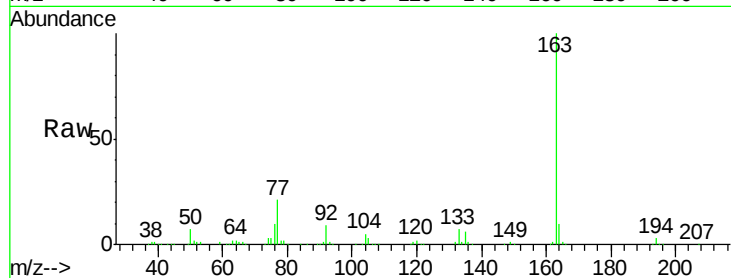
Tot Ion:163 Resp: 778005

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

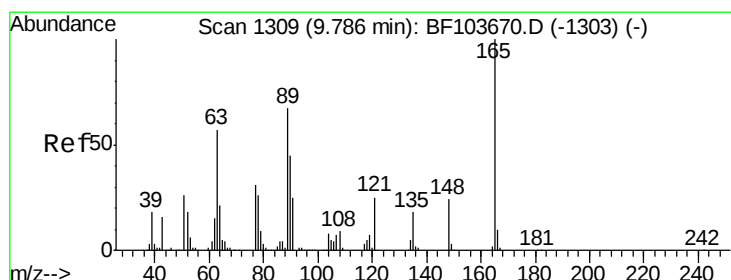
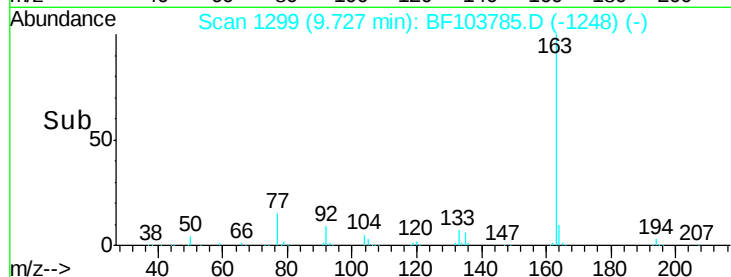
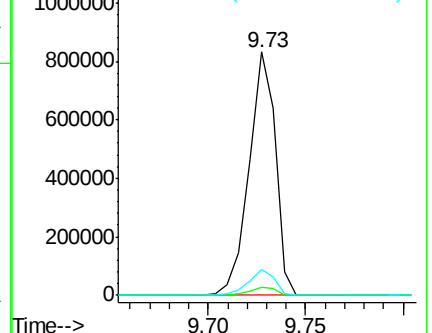
164 10.5 8.2 12.2



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: 46.639 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

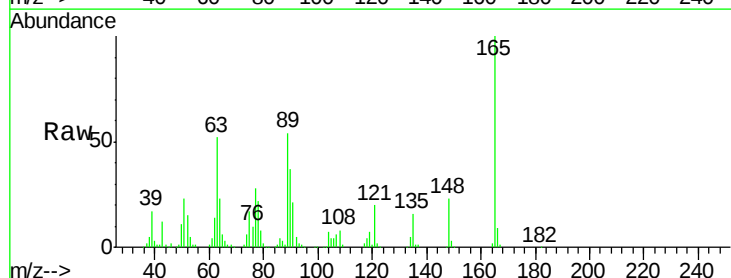
Tgt Ion:165 Resp: 165672

Ion Ratio Lower Upper

165 100

63 51.6 44.7 67.1

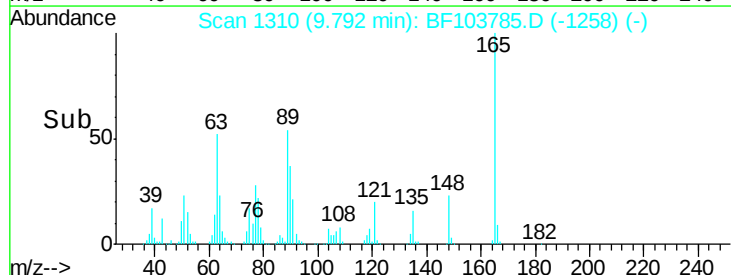
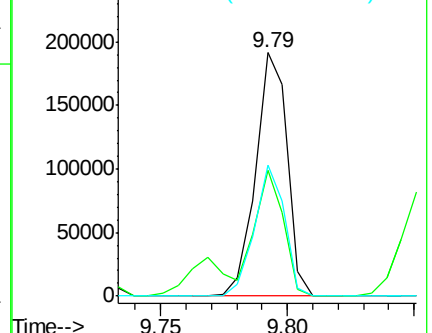
89 53.9 44.0 66.0

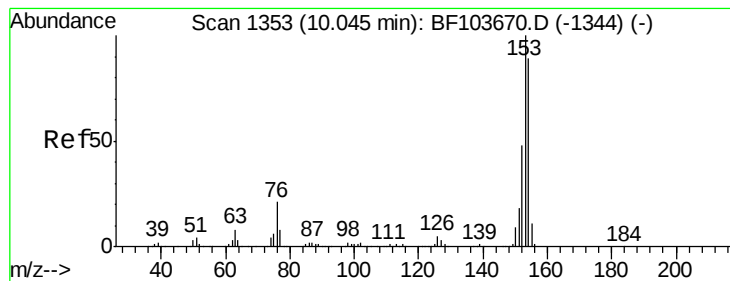


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.785 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

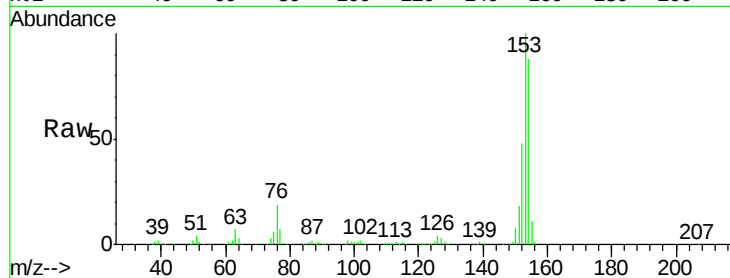
Tot Ion:154 Resp: 585473

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

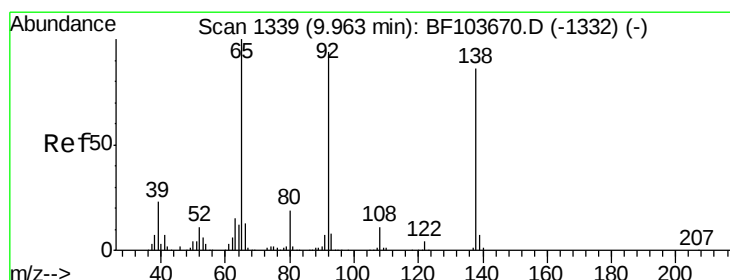
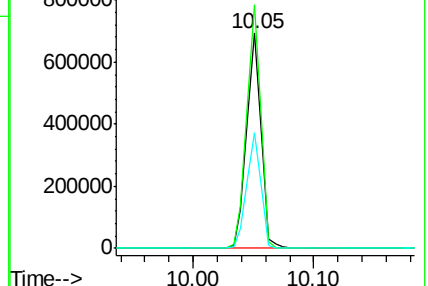
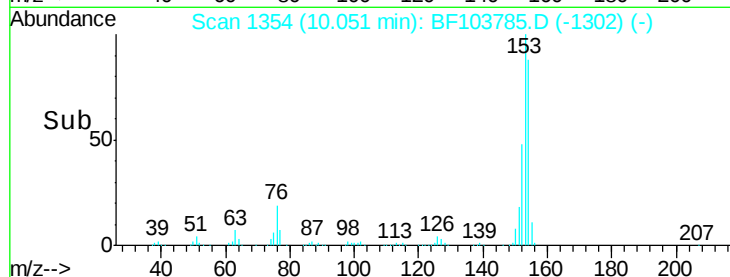
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.107 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

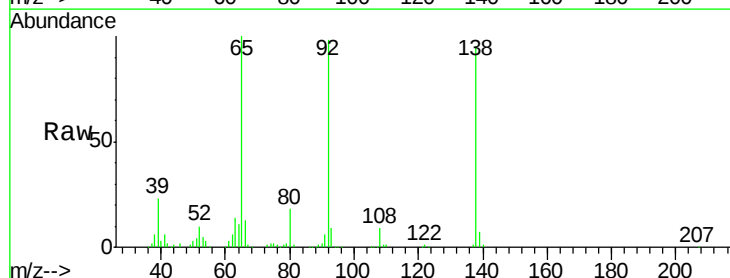
Tgt Ion:138 Resp: 205387

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

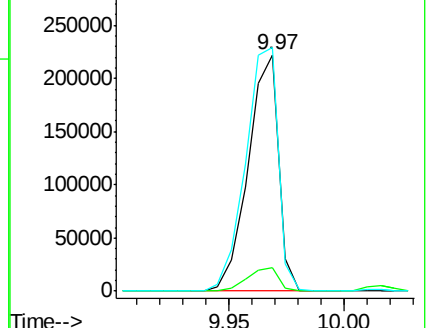
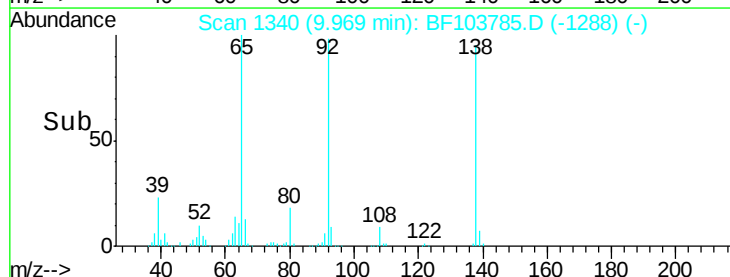
92 103.1 89.4 134.2

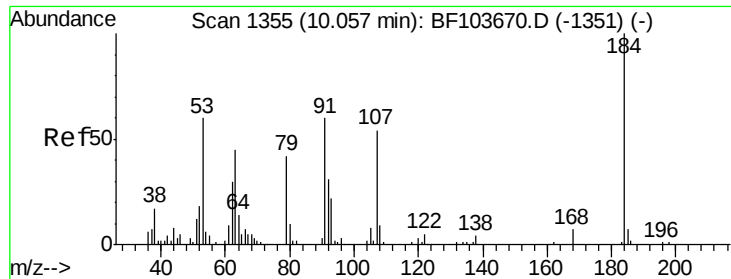


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

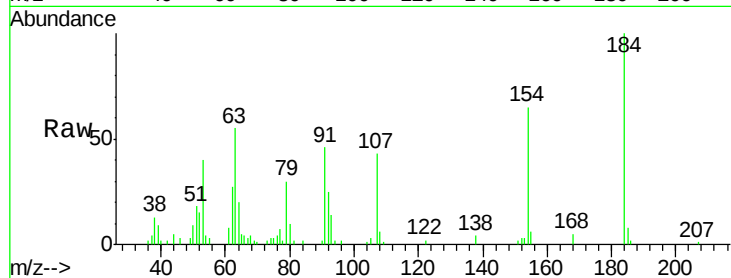




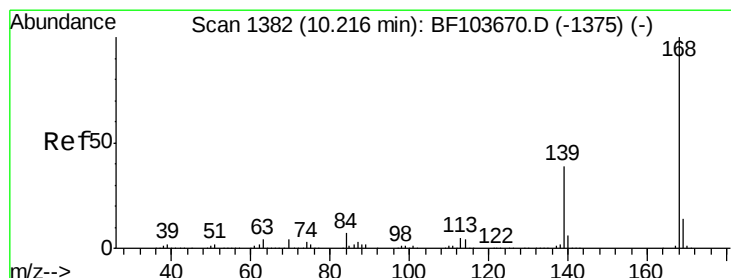
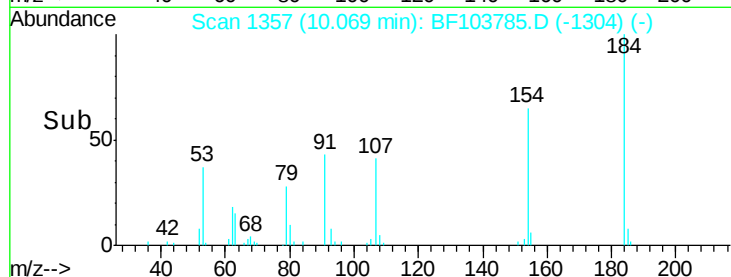
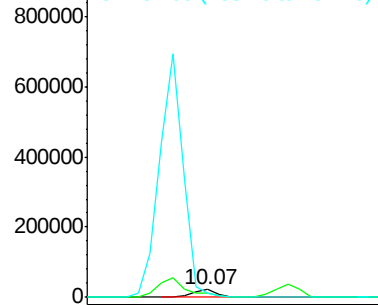
#53
2,4-Dinitrophenol
Concen: 32.620 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 18656
Ion Ratio Lower Upper
184 100
63 55.1 54.2 81.2
154 64.6 184.0 276.0#

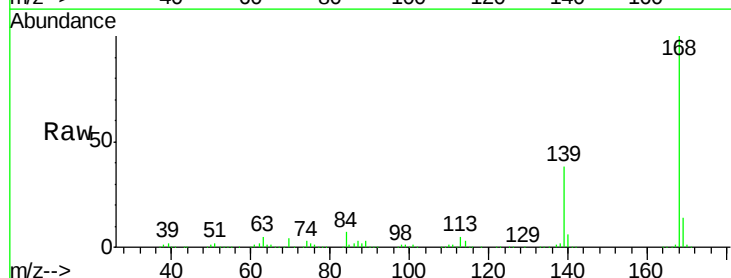


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

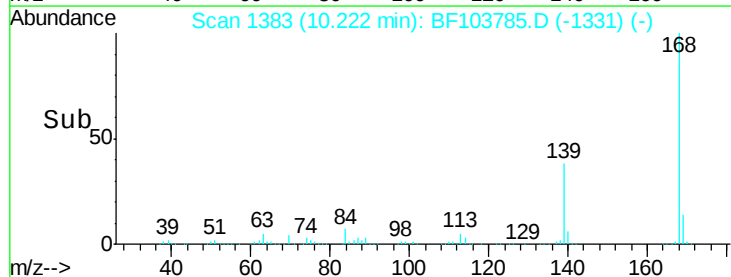
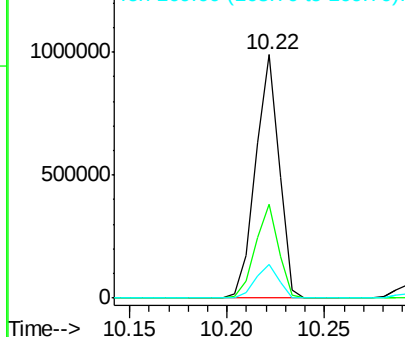


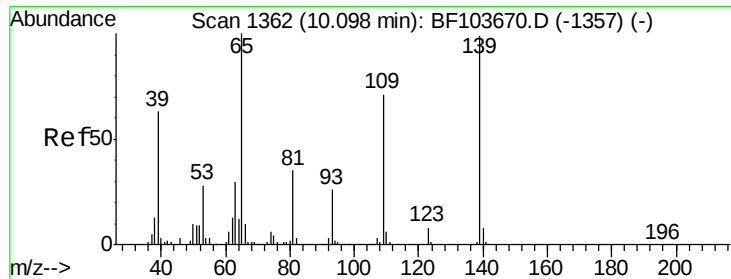
#54
Dibenzofuran
Concen: 39.233 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:168 Resp: 824569
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.8 10.9 16.3



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

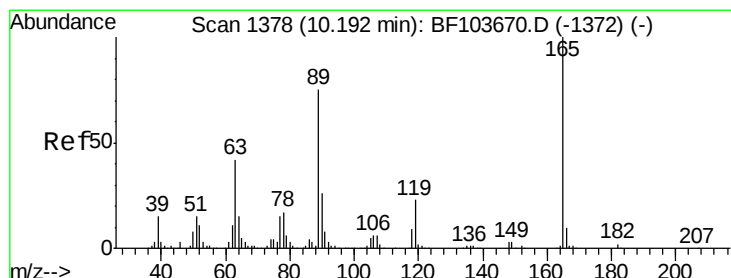
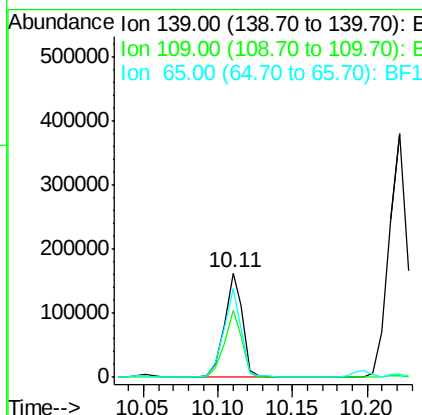
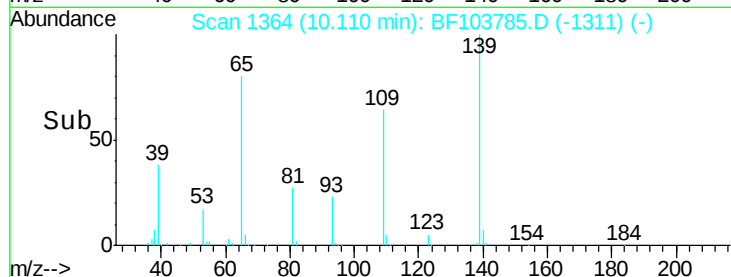
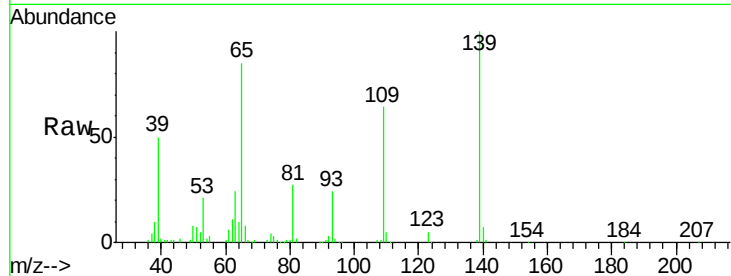




#55
4-Nitrophenol
Concen: 43.890 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

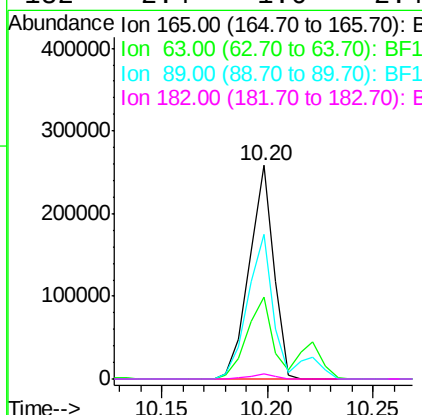
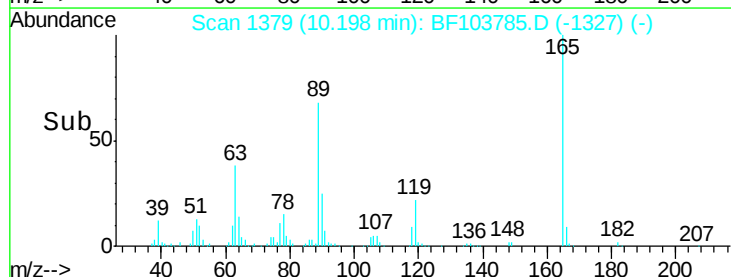
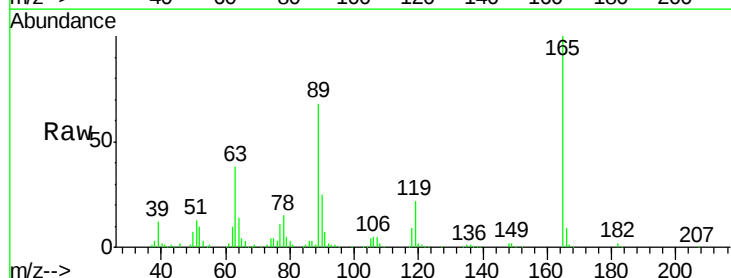
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 139883
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 84.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.425 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:165 Resp: 208419
Ion Ratio Lower Upper
165 100
63 38.3 36.4 54.6
89 67.8 57.8 86.6
182 2.4 1.6 2.4#

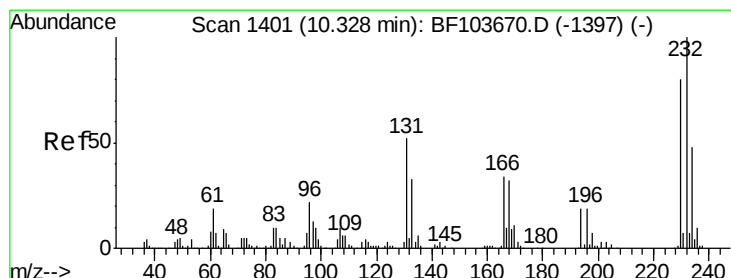
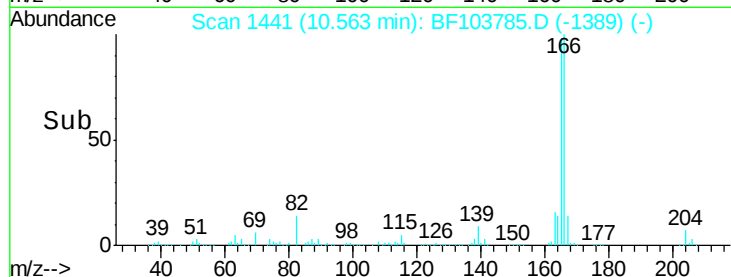
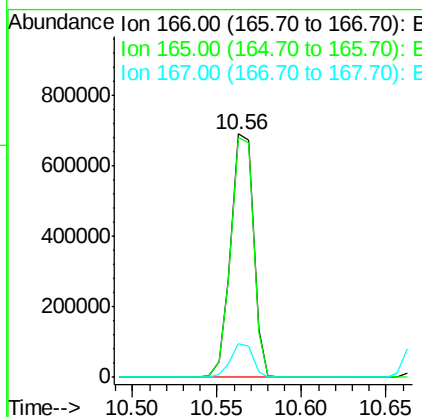
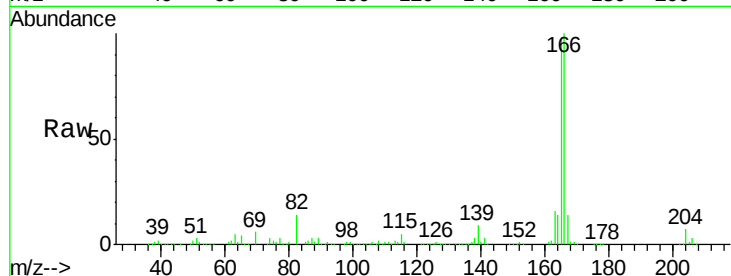




#57
Fluorene
 Concen: 39.431 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

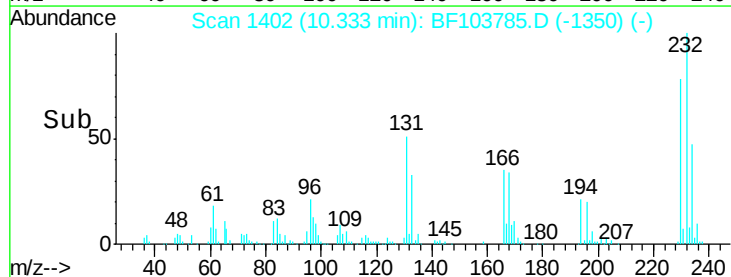
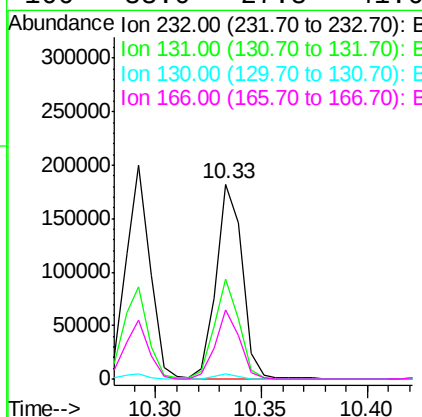
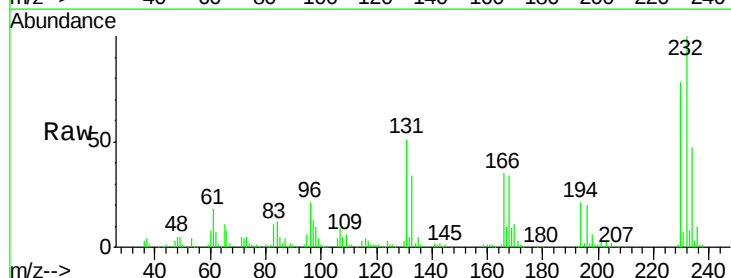
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

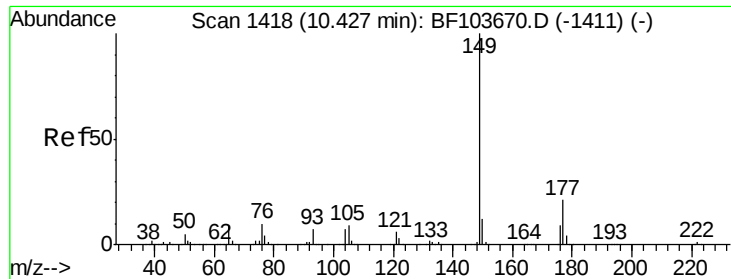
Tot Ion:166 Resp: 643071
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.290 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:232 Resp: 155978
 Ion Ratio Lower Upper
 232 100
 131 49.1 43.8 65.8
 130 2.5 2.1 3.1
 166 33.0 27.8 41.6

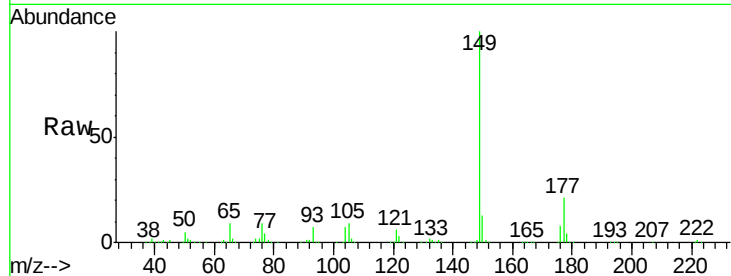




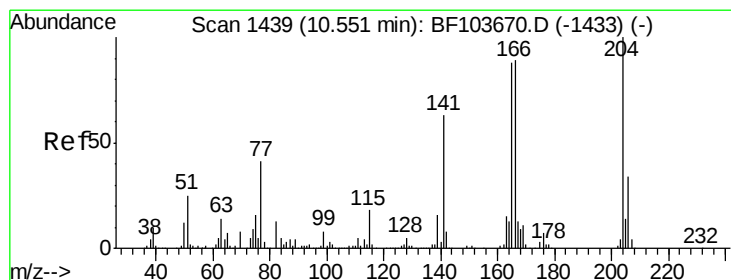
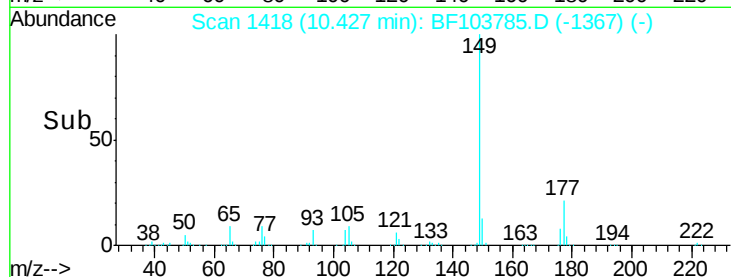
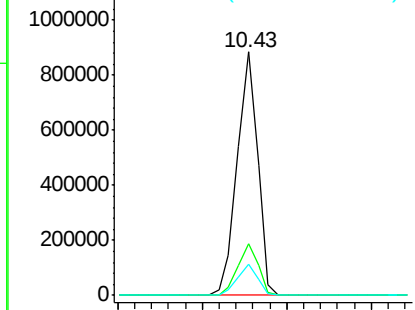
#59
Diethylphthalate
Concen: 40.610 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 742100
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.7 10.1 15.1

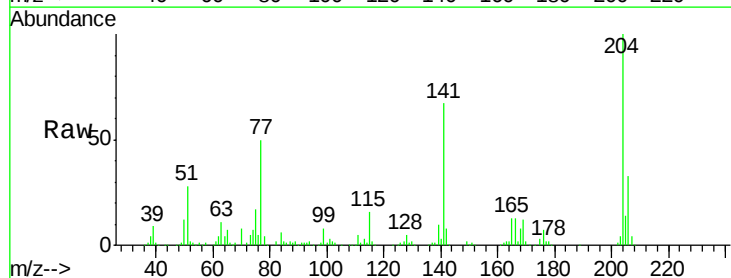


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

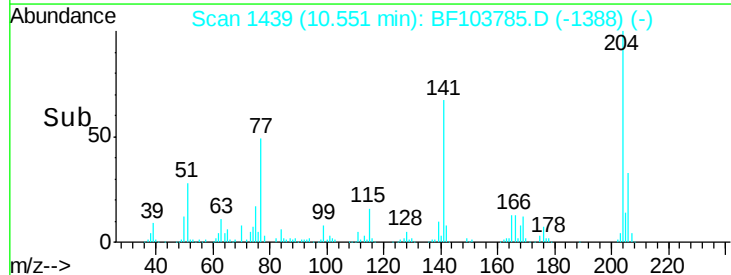
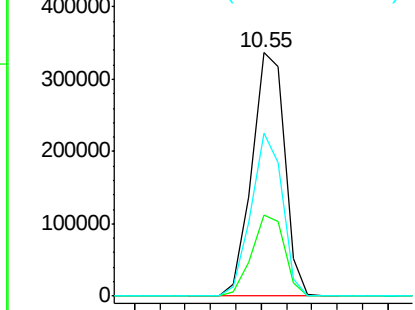


#60
4-Chlorophenyl-phenylether
Concen: 40.805 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:204 Resp: 304140
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 66.9 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

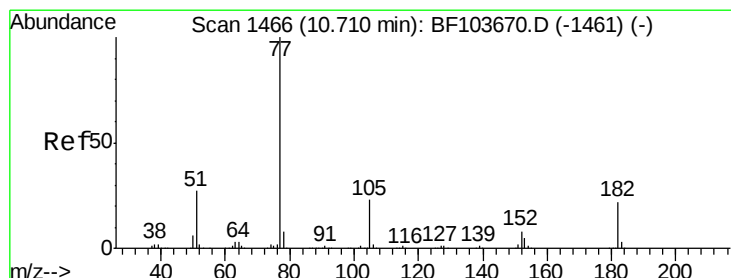
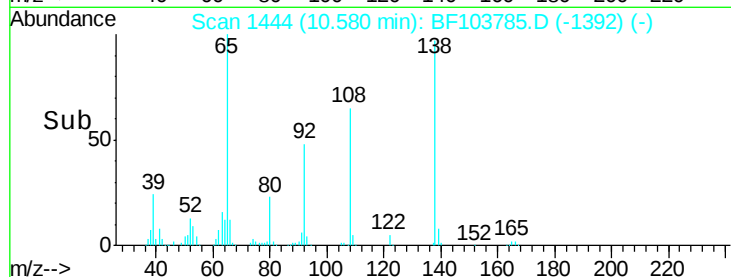
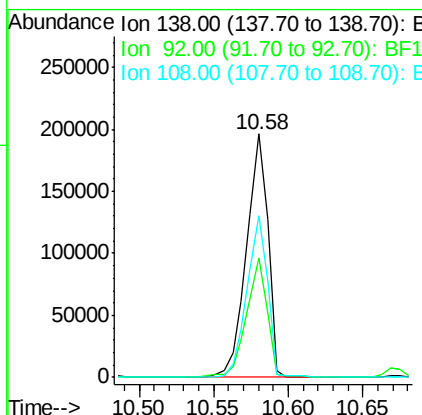
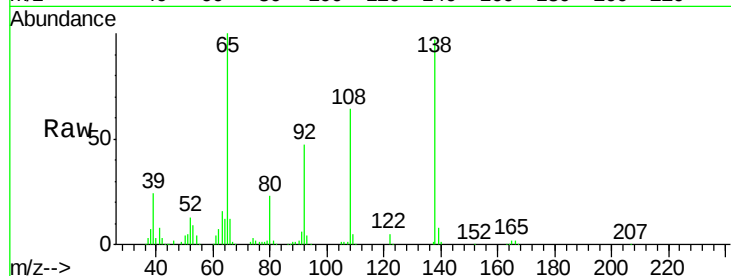




#61
4-Nitroaniline
Concen: 47.604 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

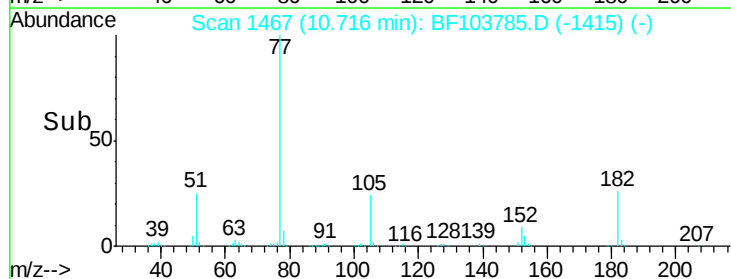
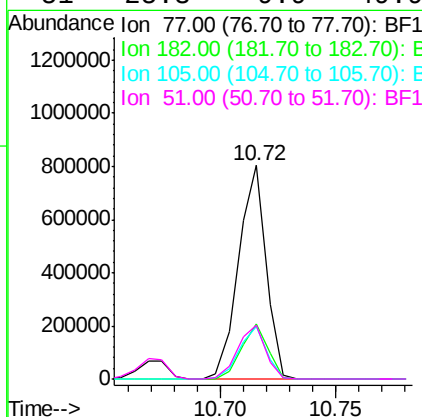
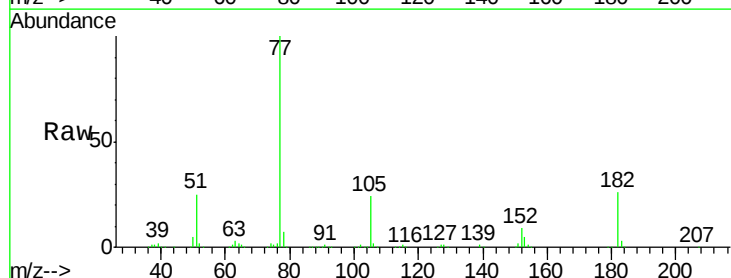
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

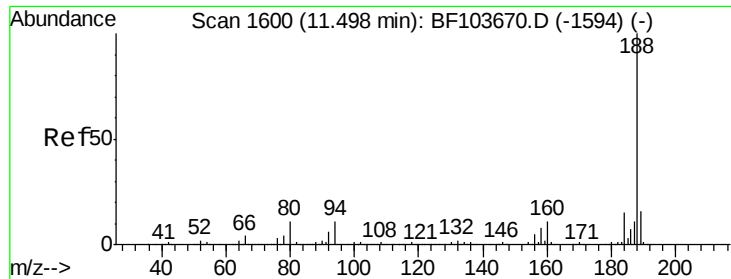
Tot Ion:138 Resp: 195426
Ion Ratio Lower Upper
138 100
92 48.8 30.2 70.2
108 66.2 52.5 92.5



#62
Azobenzene
Concen: 35.965 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion: 77 Resp: 668179
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.3 3.0 43.0
51 25.3 9.9 49.9

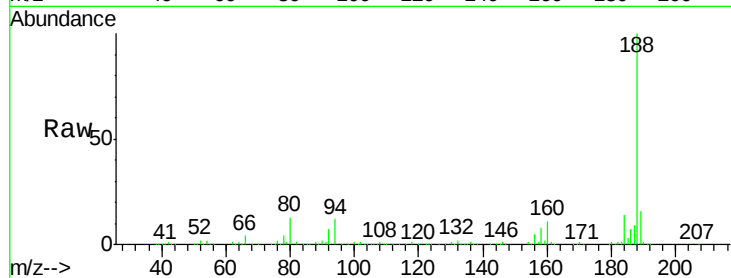




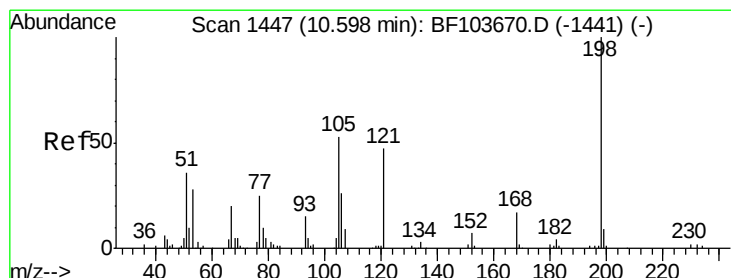
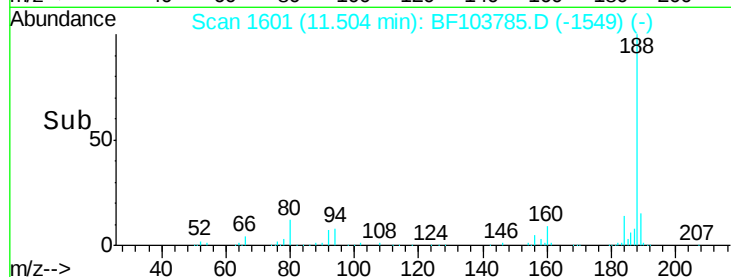
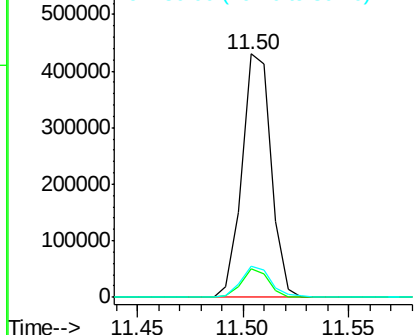
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 410029
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.7 9.2 13.8

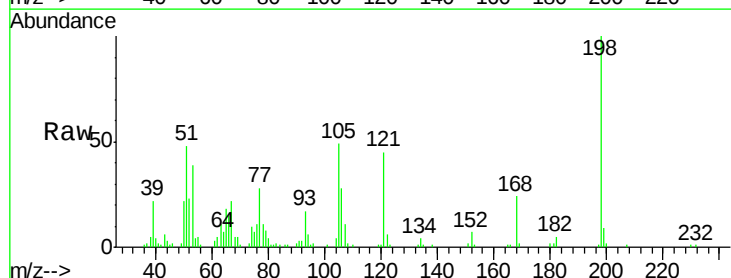


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

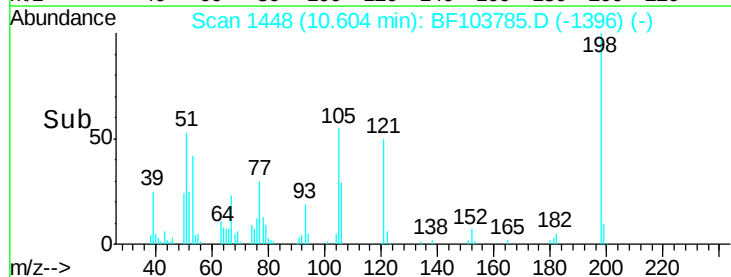
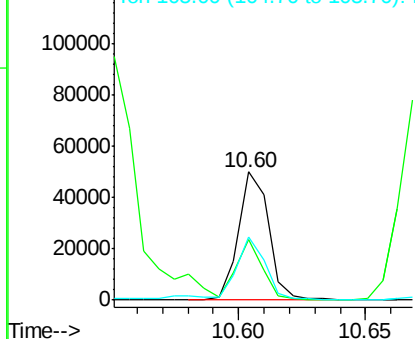


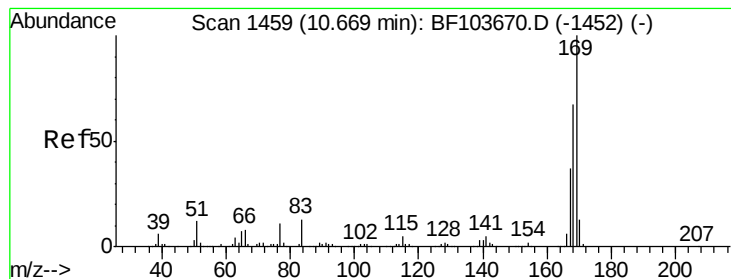
#64
4,6-Dinitro-2-methylphenol
Concen: 33.124 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:198 Resp: 41113
Ion Ratio Lower Upper
198 100
51 47.6 37.7 77.7
105 48.9 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

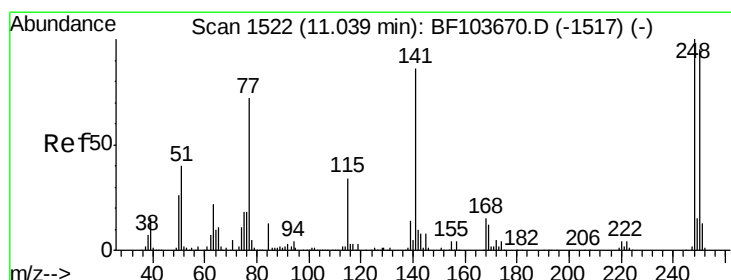
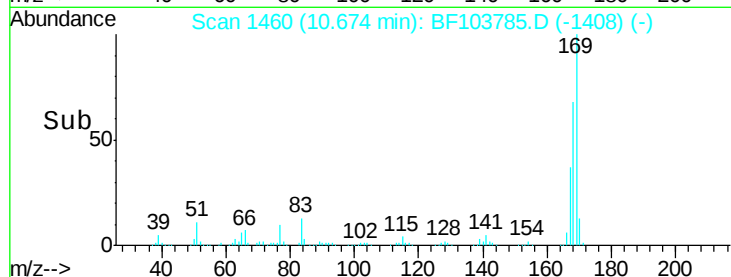
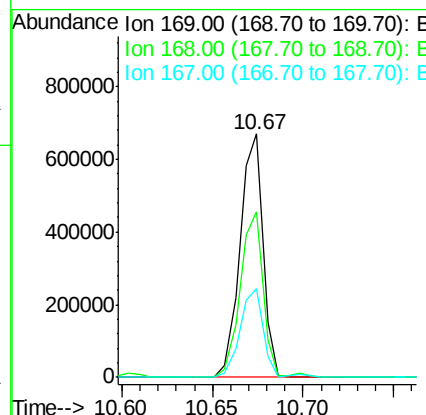
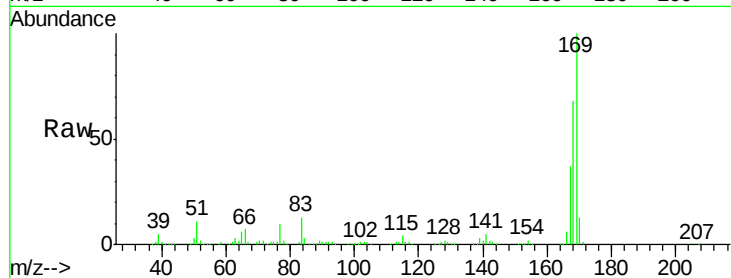




#65
n-Nitrosodiphenylamine
Concen: 42.214 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

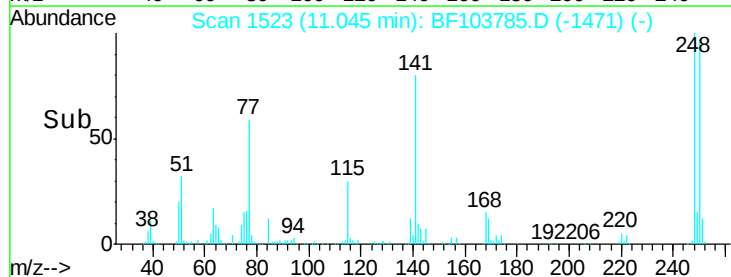
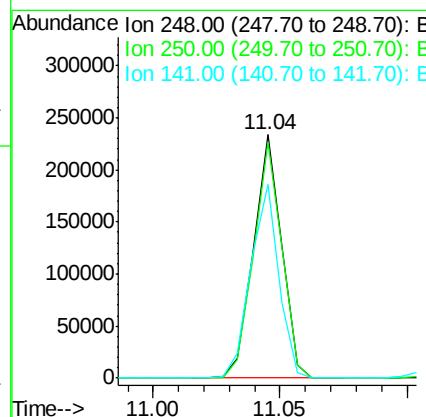
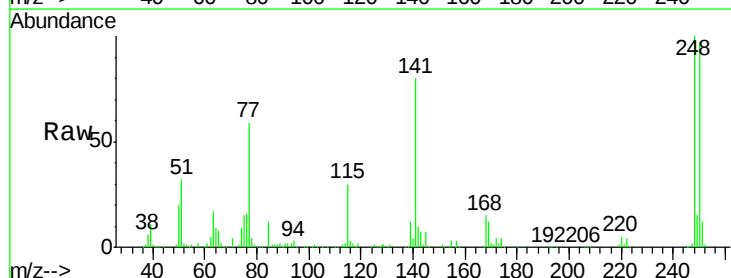
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

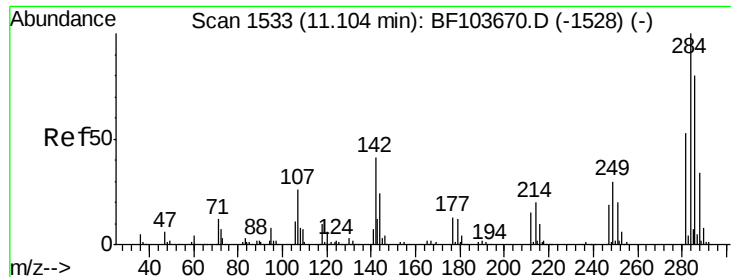
Tot Ion:169 Resp: 589167
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 36.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.896 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:248 Resp: 180588
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 79.6 74.4 111.6

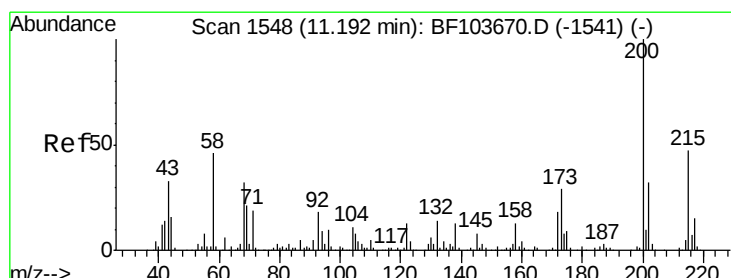
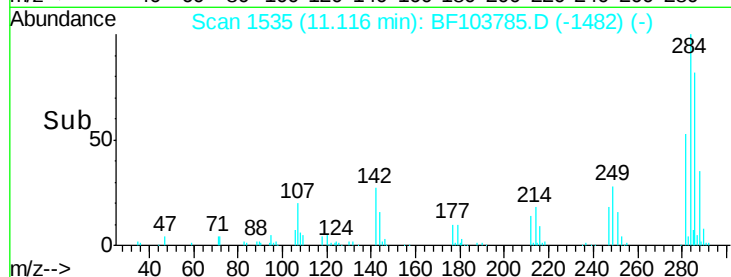
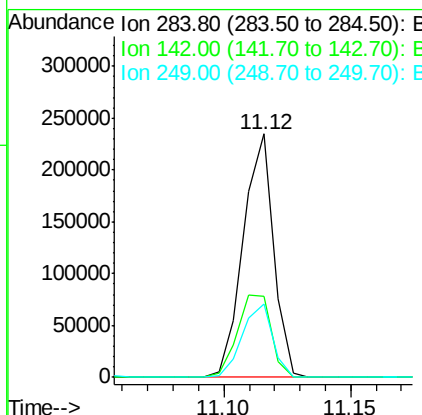
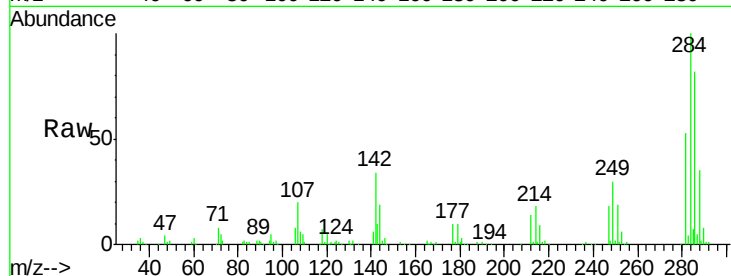




#67
Hexachlorobenzene
Concen: 40.778 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

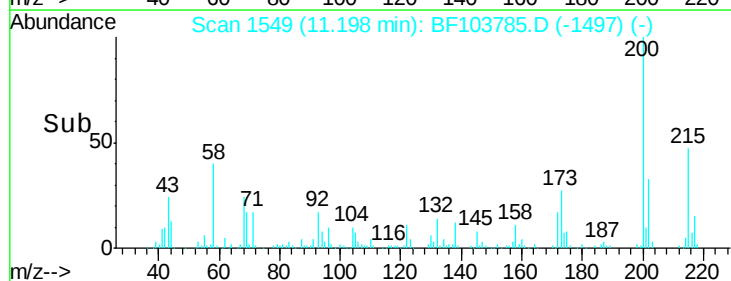
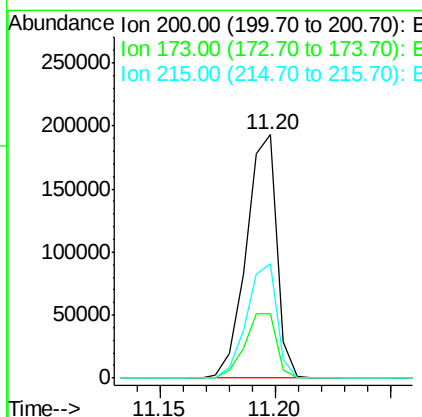
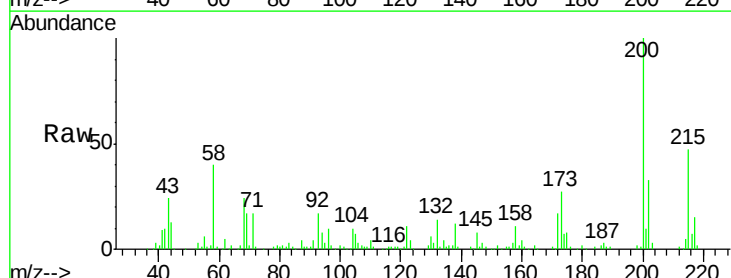
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

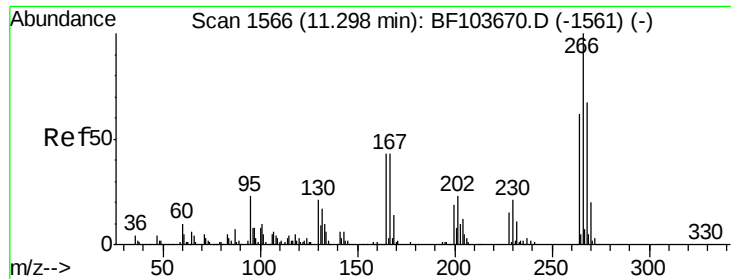
Tot Ion:284 Resp: 195936
Ion Ratio Lower Upper
284 100
142 33.5 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 41.320 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:200 Resp: 178394
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 47.2 25.1 65.1

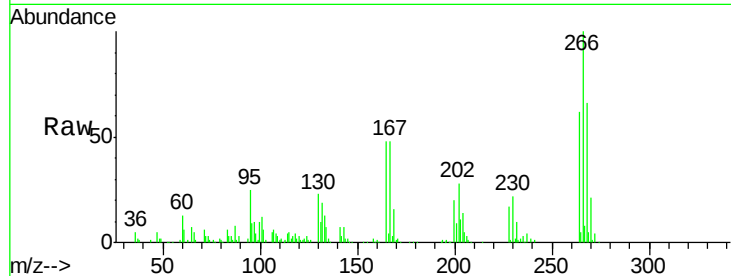




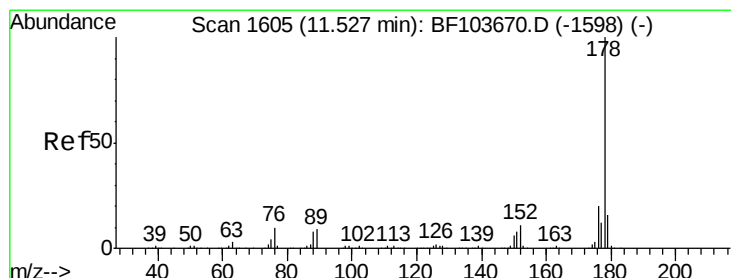
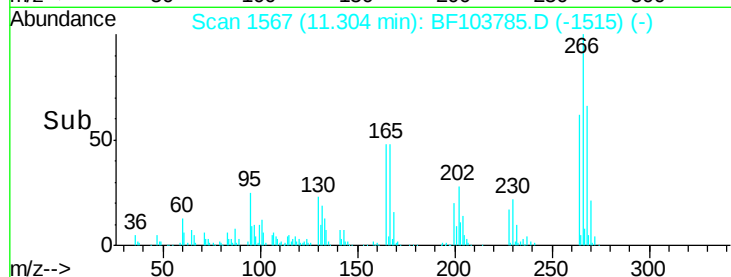
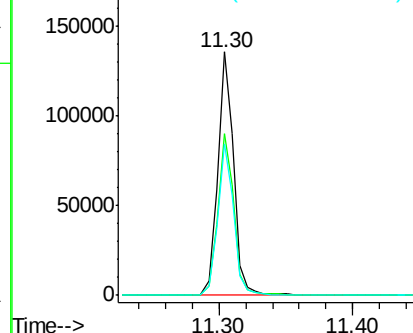
#69
 Pentachlorophenol
 Concen: 41.015 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 113302
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 62.2 49.5 74.3

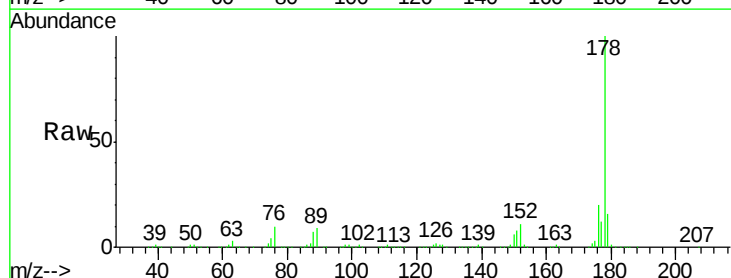


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

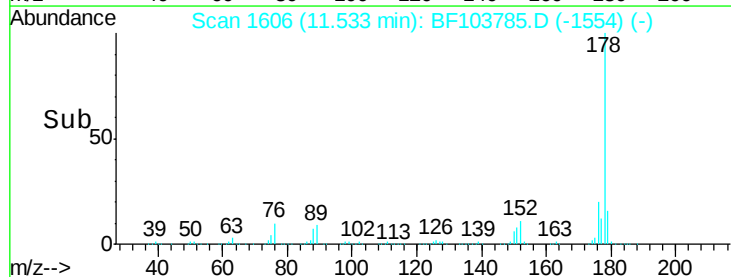
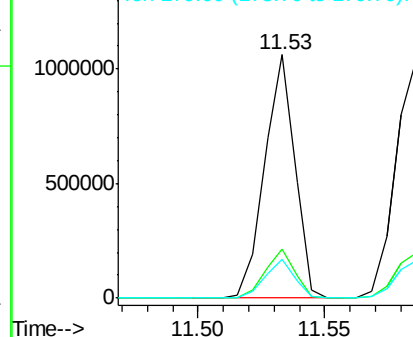


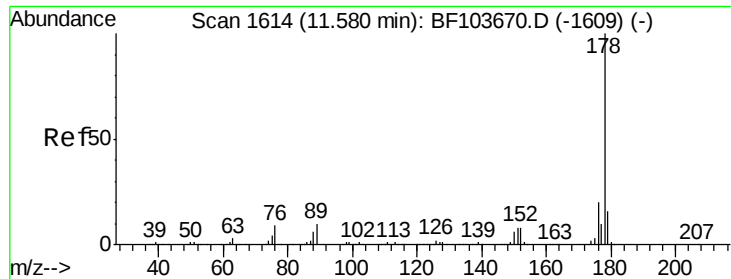
#70
 Phenanthrene
 Concen: 39.635 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:178 Resp: 888992
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 13.0 19.6



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

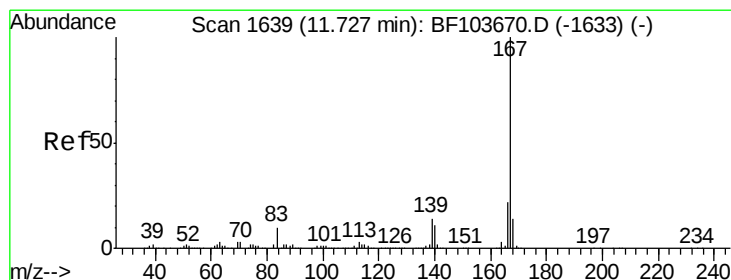
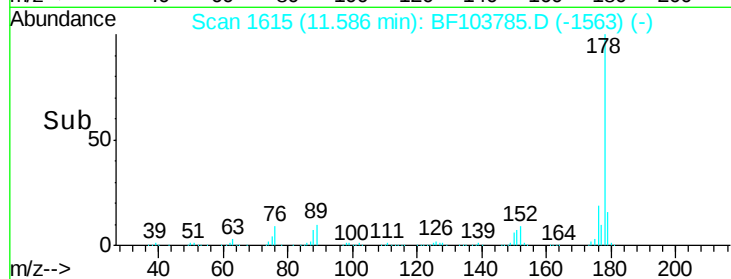
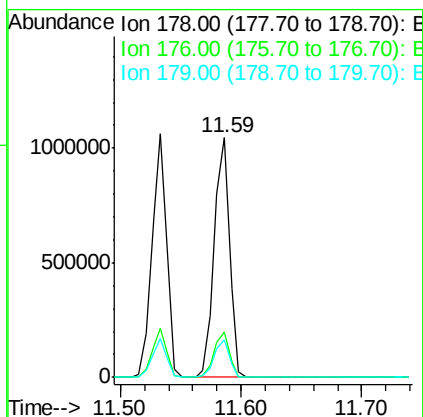
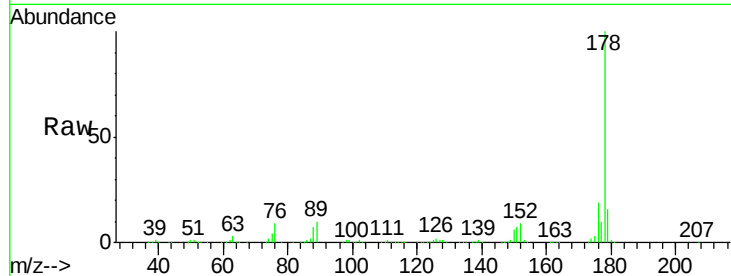




#71
 Anthracene
 Concen: 39.711 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

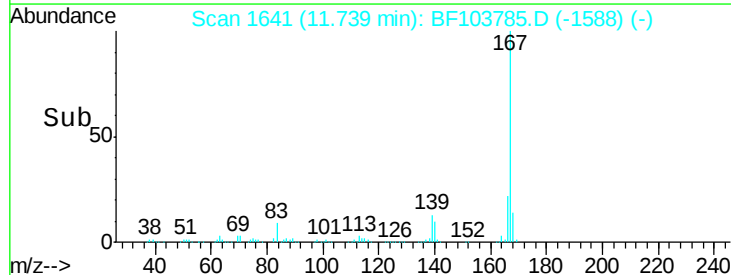
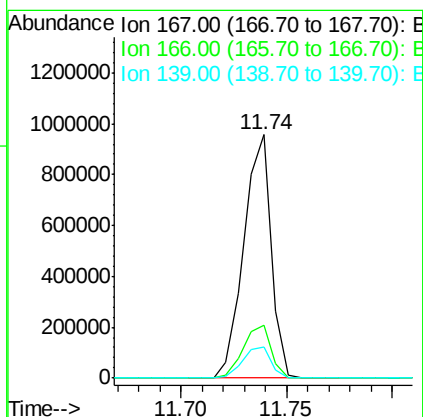
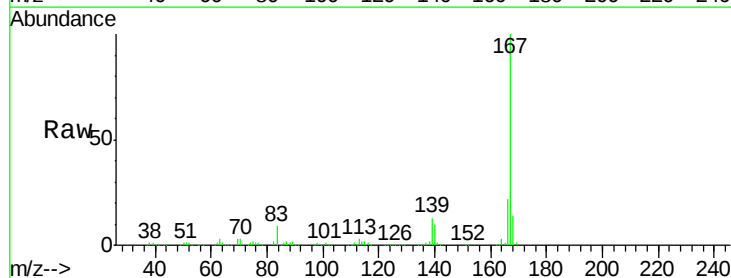
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

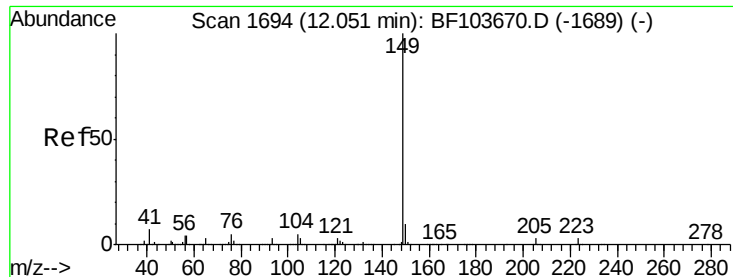
Tot Ion:178 Resp: 904646
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.894 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:167 Resp: 861188
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.9 10.9 16.3

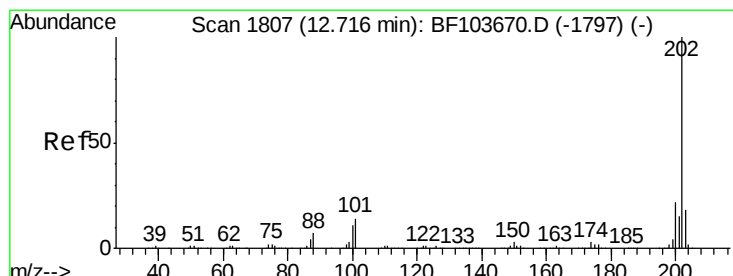
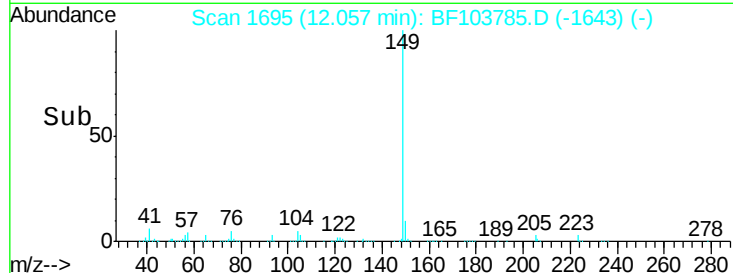
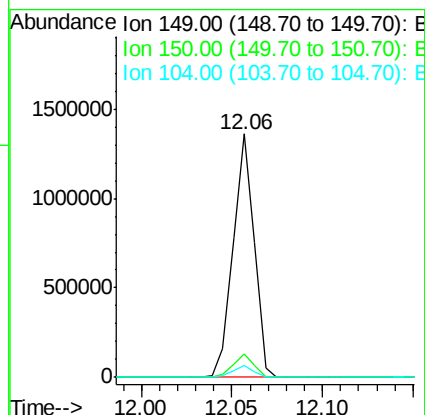
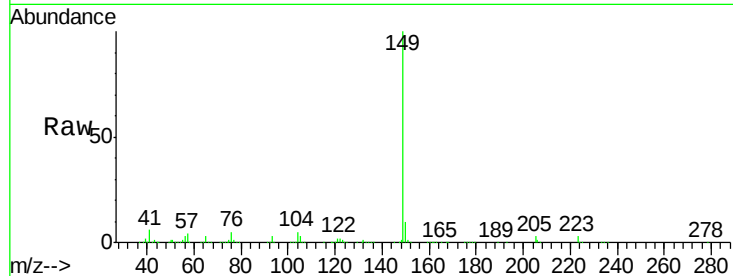




#73
Di-n-butylphthalate
Concen: 41.498 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

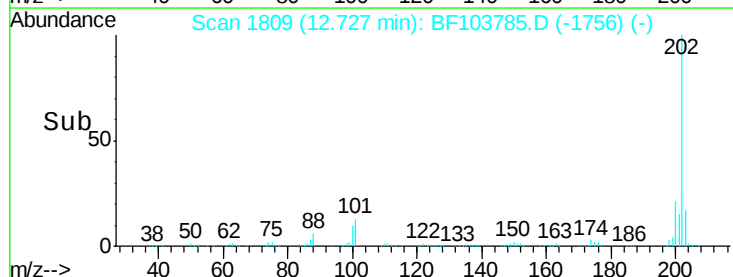
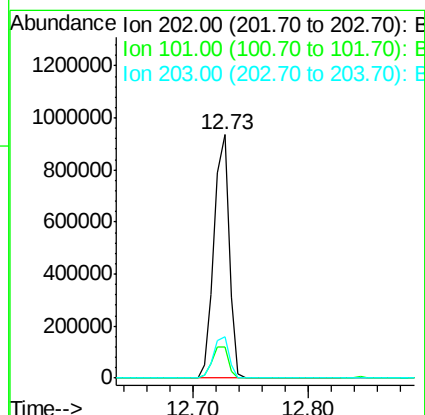
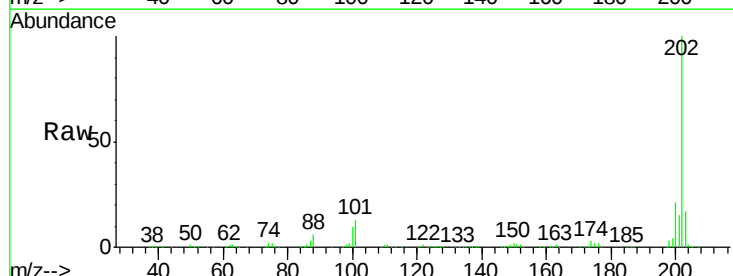
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

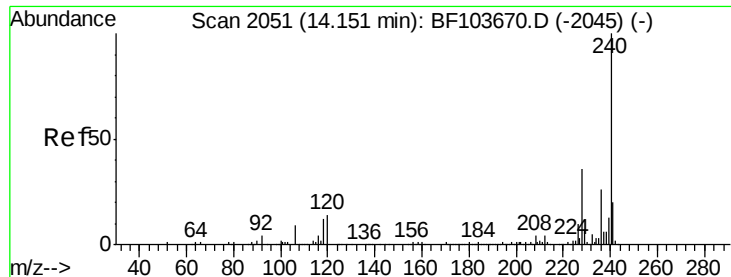
Tot Ion:149 Resp: 1102494
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 37.356 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:202 Resp: 863203
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

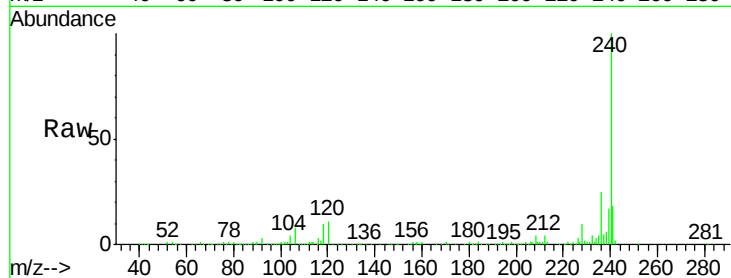
Tot Ion:240 Resp: 284913

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

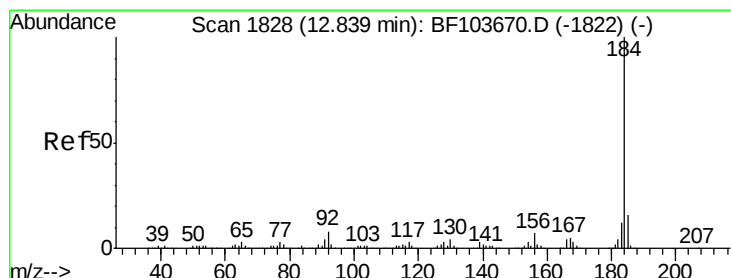
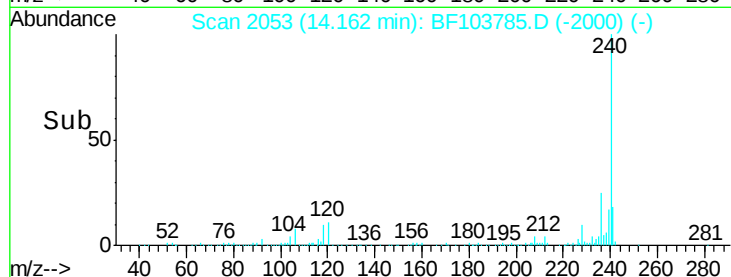
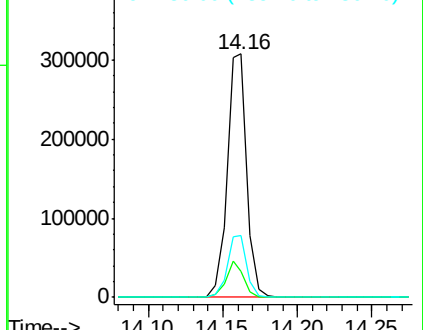
236 25.5 20.7 31.1



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: 43.893 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

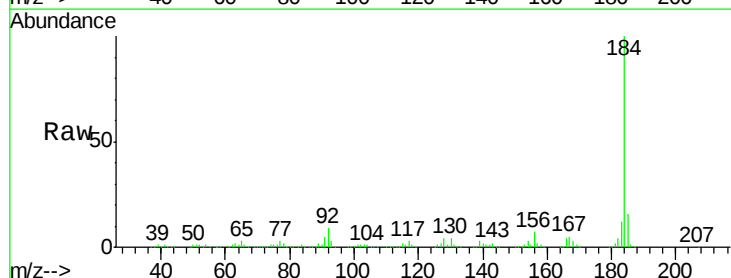
Tgt Ion:184 Resp: 533373

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

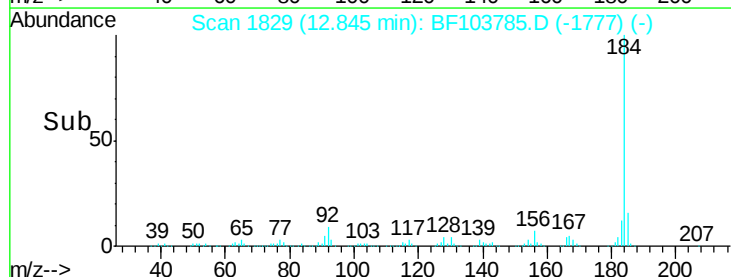
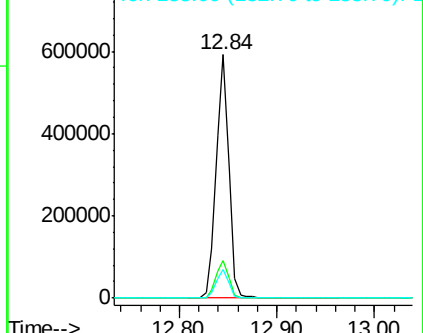
183 11.9 9.3 13.9

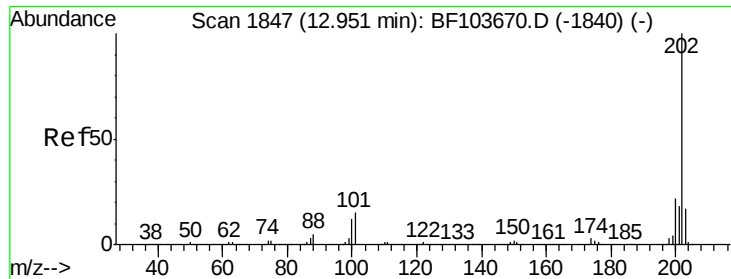


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

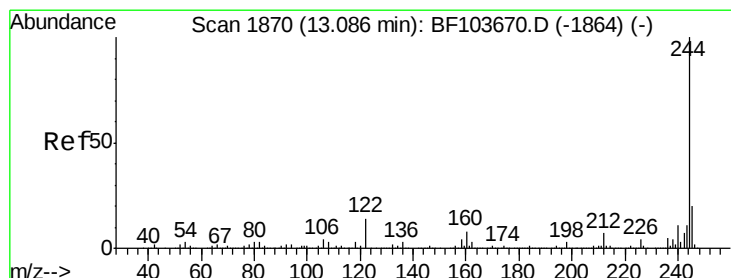
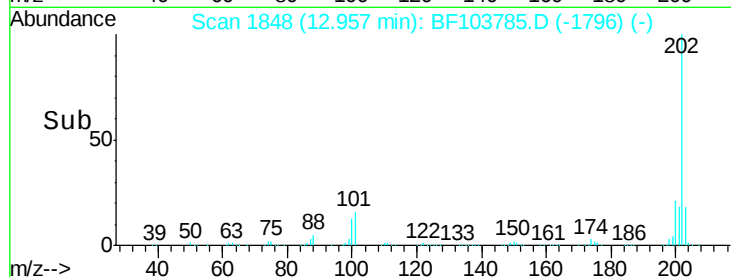
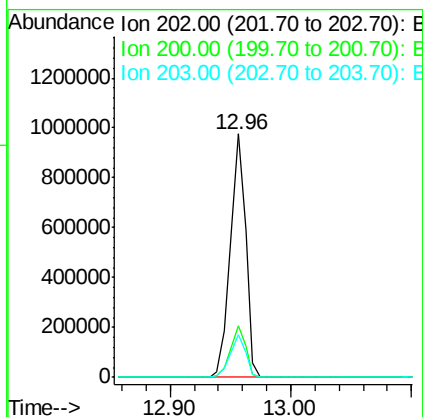
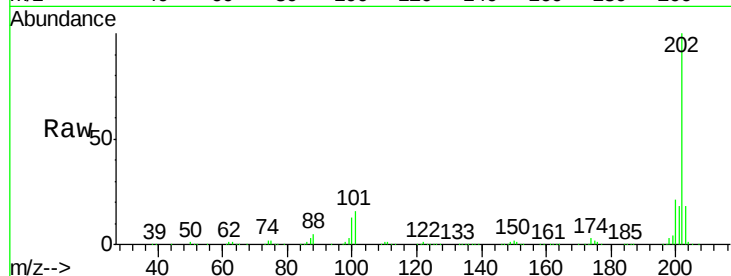




#77
 Pvrene
 Concen: 41.671 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

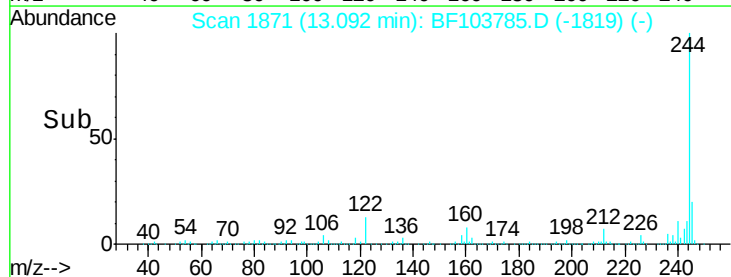
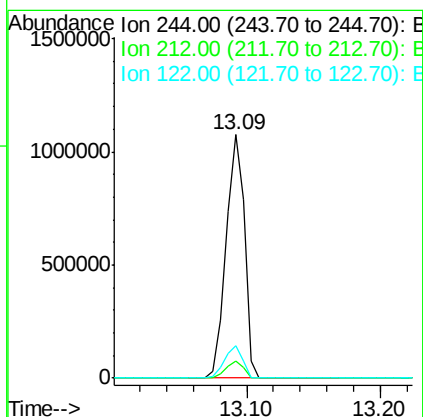
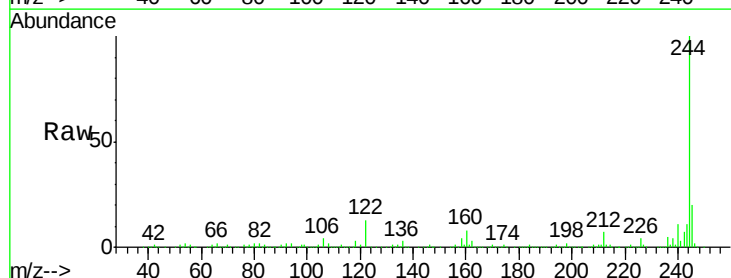
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

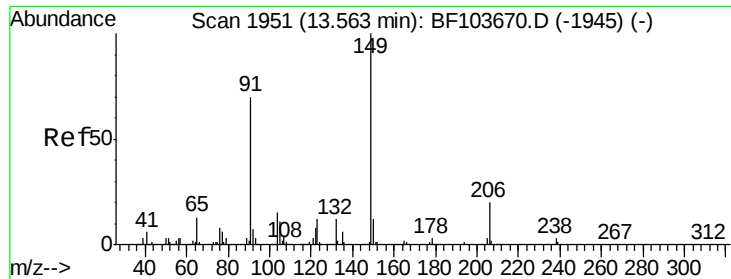
Tot Ion:202 Resp: 871918
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 85.618 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:244 Resp: 1050937
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4

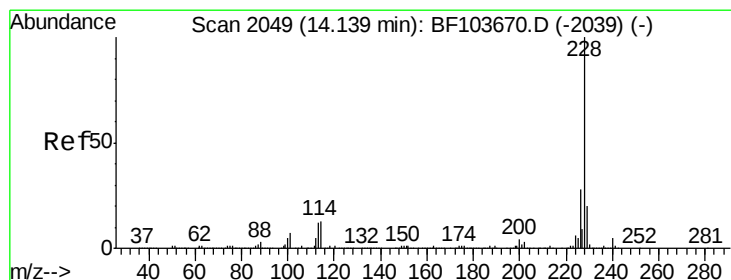
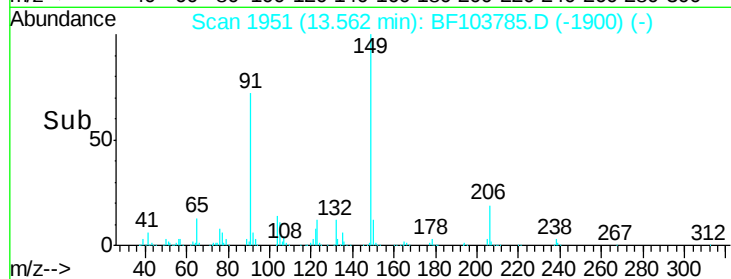
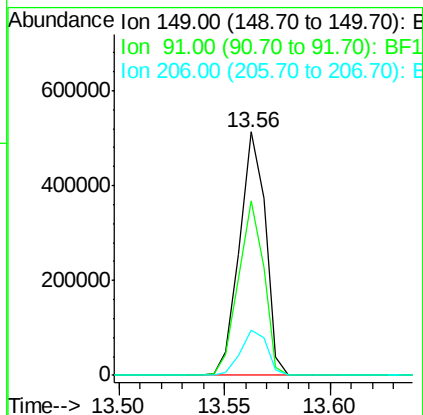
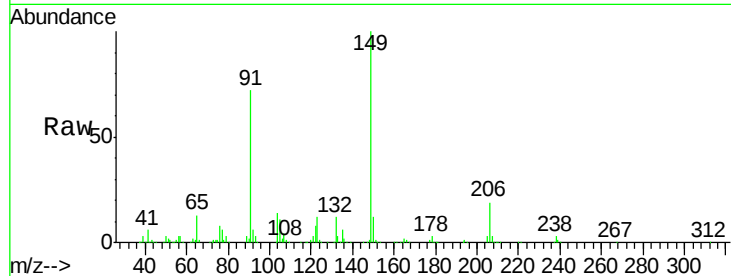




#79
Butylbenzylphthalate
Concen: 46.883 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

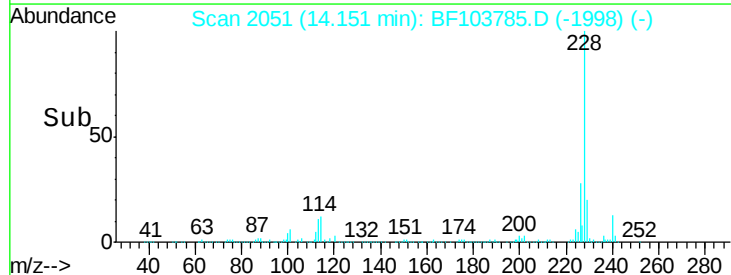
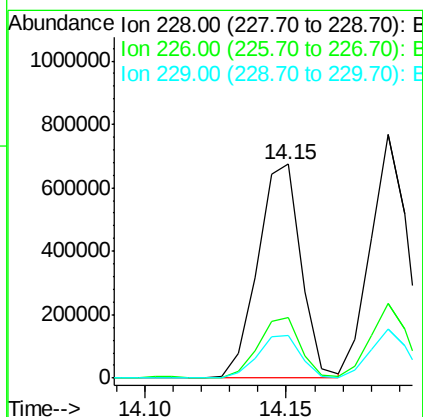
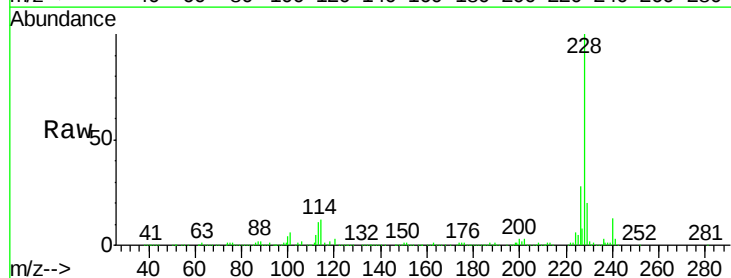
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 434620
Ion Ratio Lower Upper
149 100
91 71.8 56.8 85.2
206 18.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.733 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:228 Resp: 716588
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.8 15.8 23.6

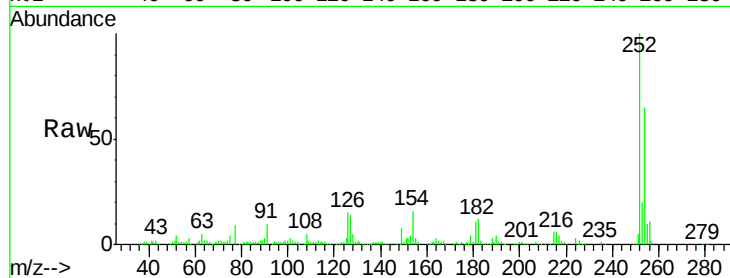




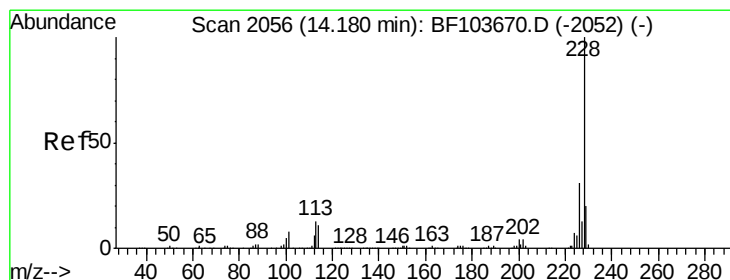
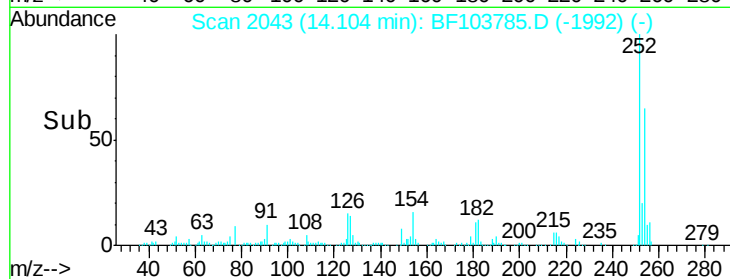
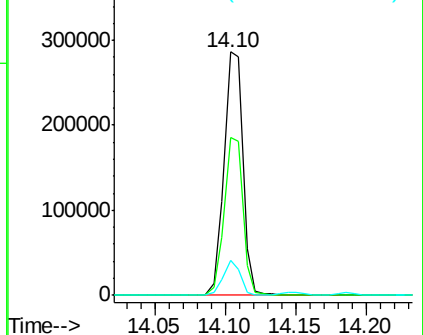
#81
 3,3'-Dichlorobenzidine
 Concen: 44.296 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 267220
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 14.6 11.3 16.9

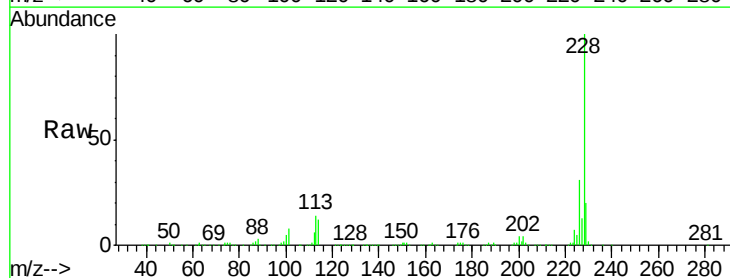


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

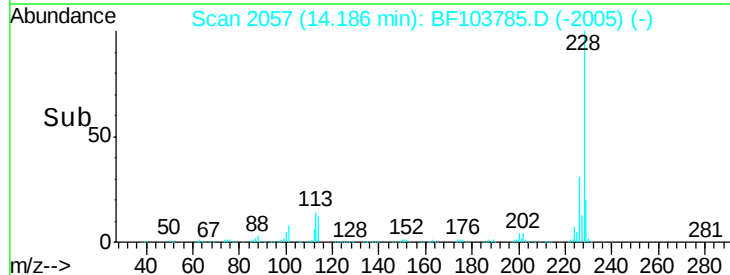
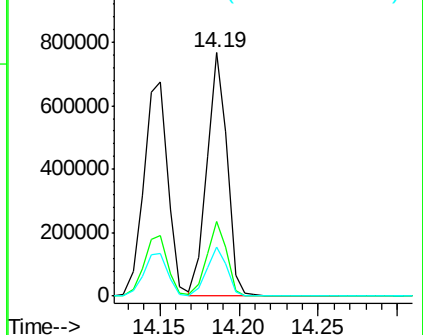


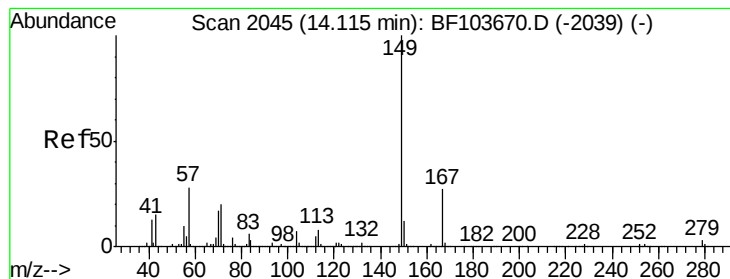
#82
 Chrysene
 Concen: 39.594 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Tgt Ion:228 Resp: 680691
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.0 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.454 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

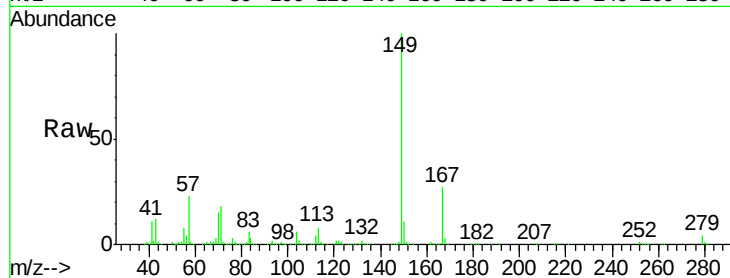
Tot Ion:149 Resp: 601963

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

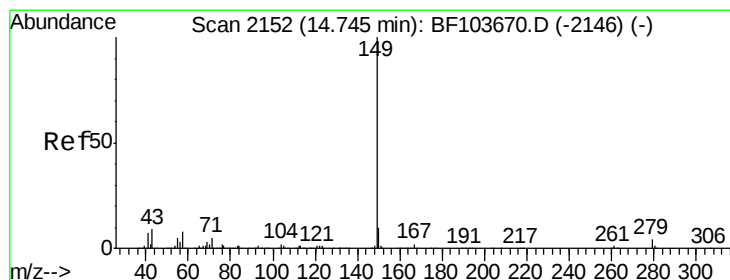
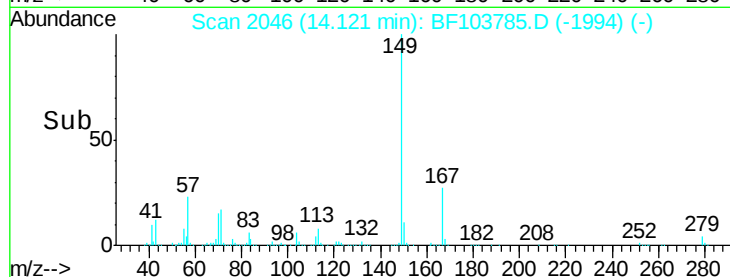
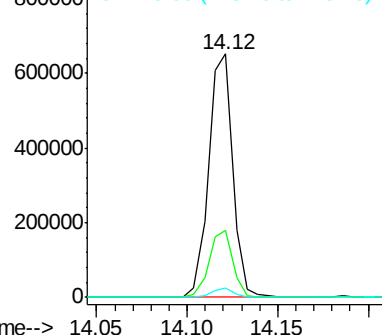
279 3.9 3.0 4.4



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: 47.223 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF103785.D

Acq: 20 Mar 2018 5:25

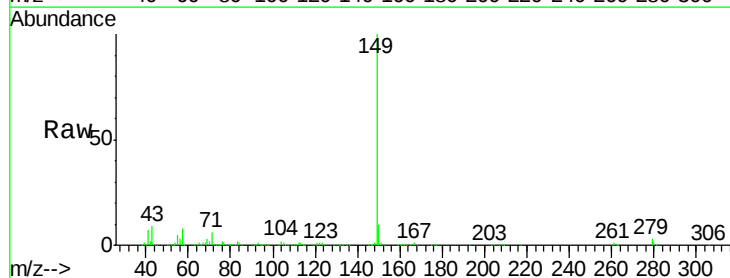
Tgt Ion:149 Resp: 909849

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

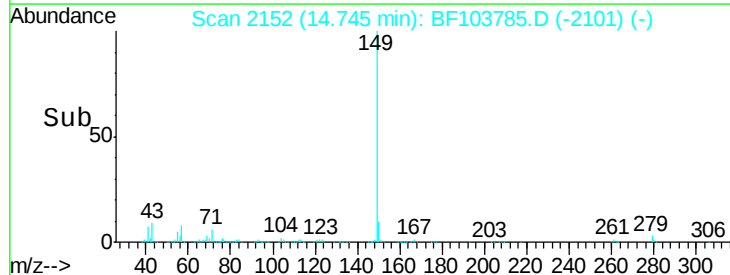
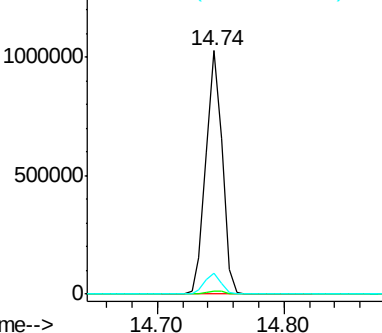
43 8.5 8.4 12.6

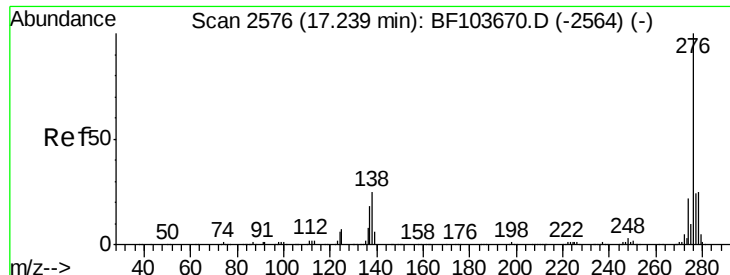


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

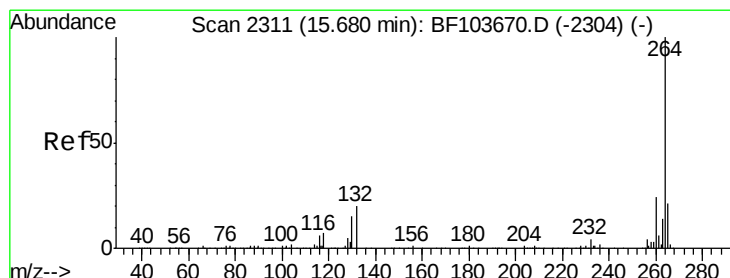
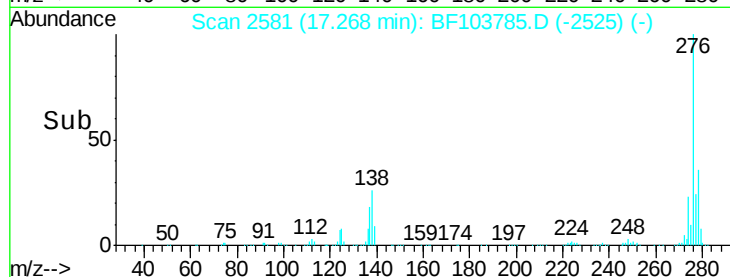
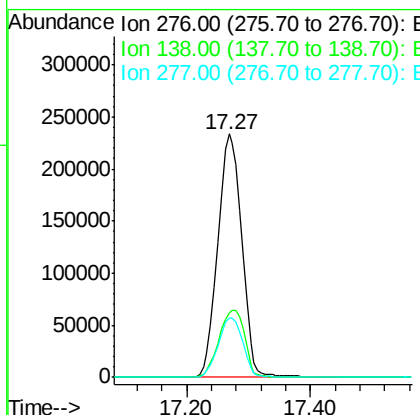
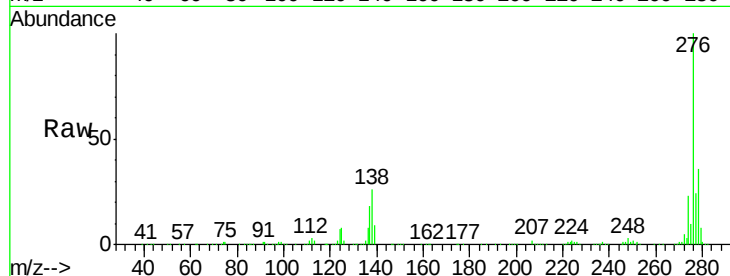




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.041 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.03 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

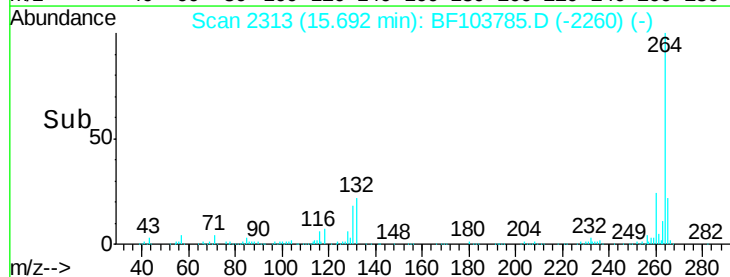
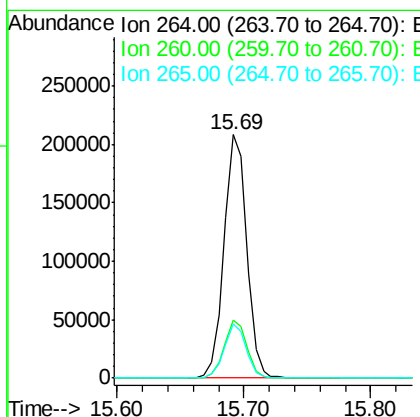
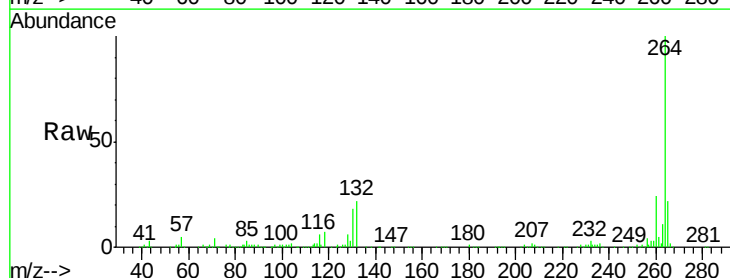
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

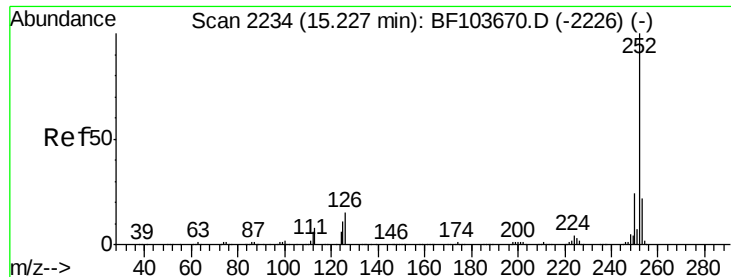
Tot Ion:276 Resp: 631183
Ion Ratio Lower Upper
276 100
138 29.9 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:264 Resp: 258311
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.5 26.3

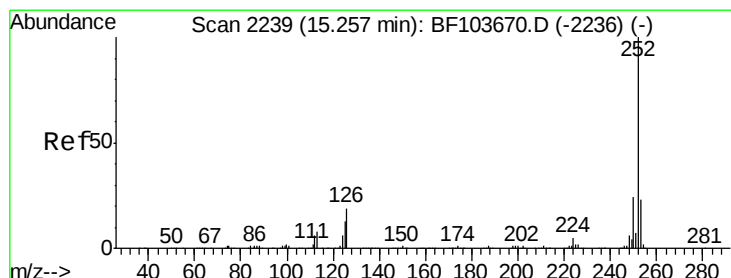
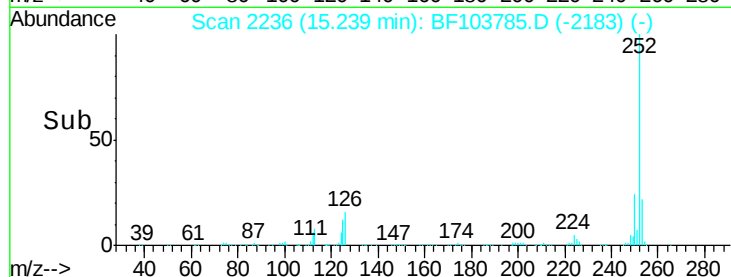
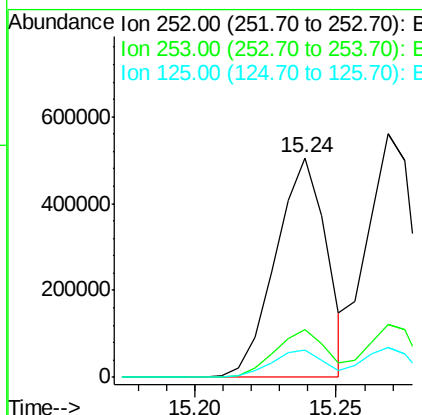
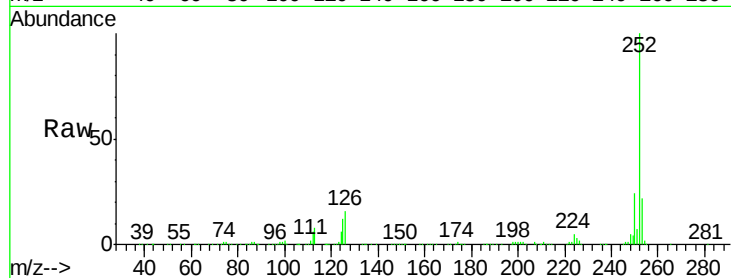




#87
Benzo(b)fluoranthene
Concen: 38.832 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

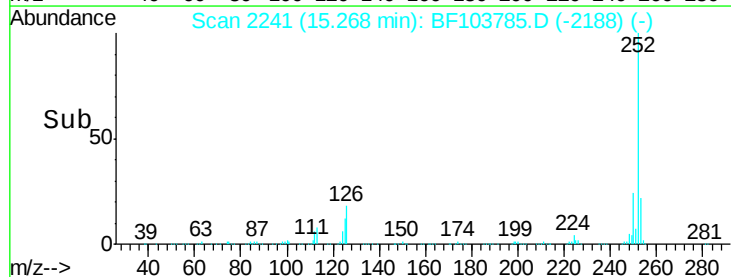
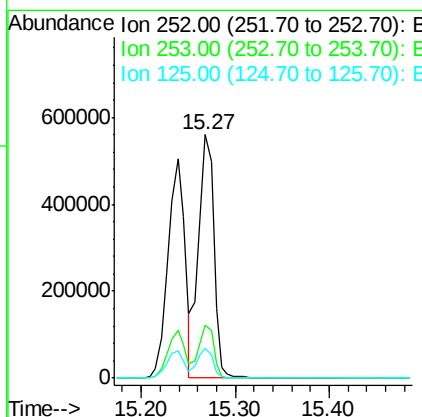
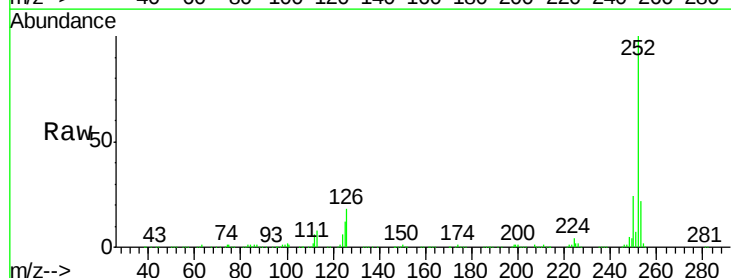
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

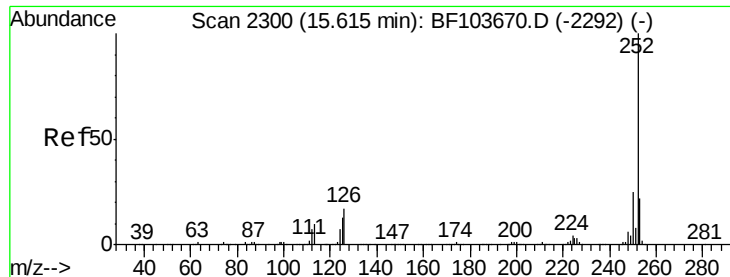
Tot Ion:252 Resp: 633724
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion:252 Resp: 643179
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.4 10.2 15.2

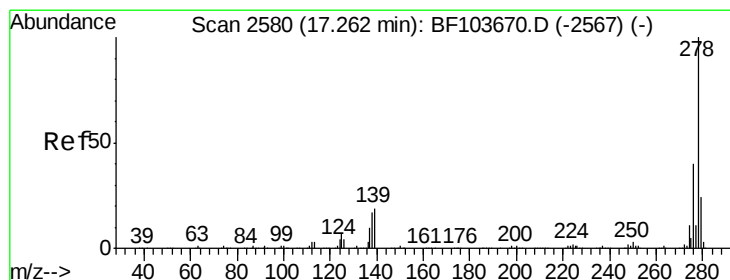
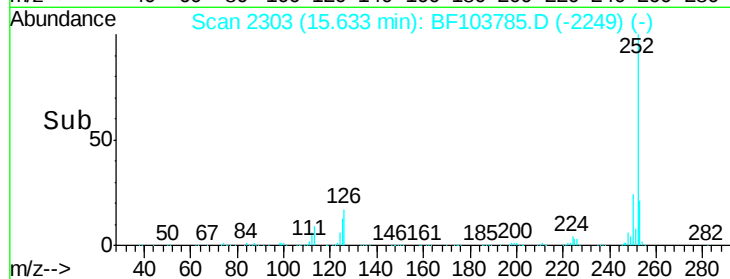
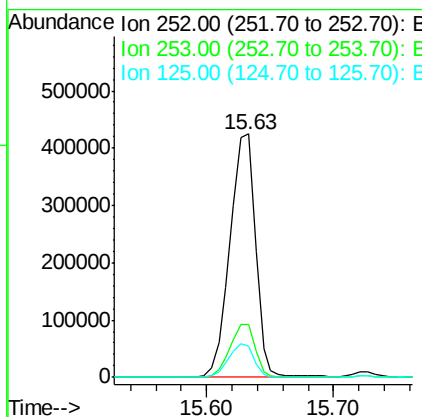
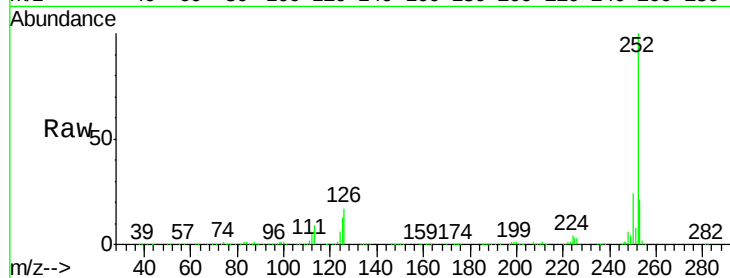




#89
Benzo(a)pyrene
Concen: 40.188 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

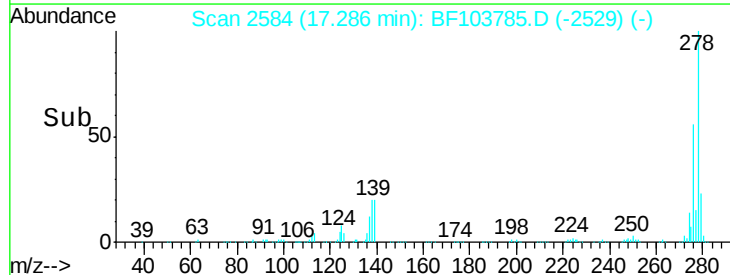
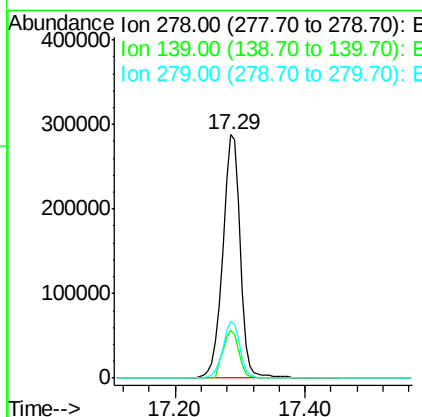
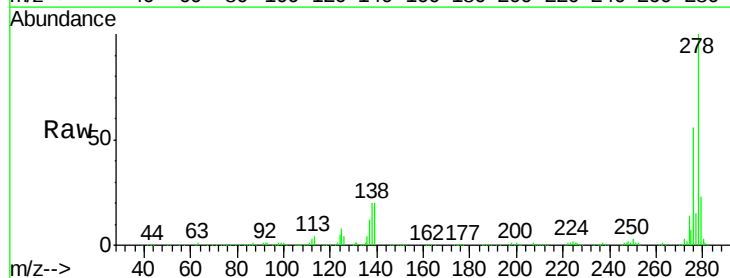
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

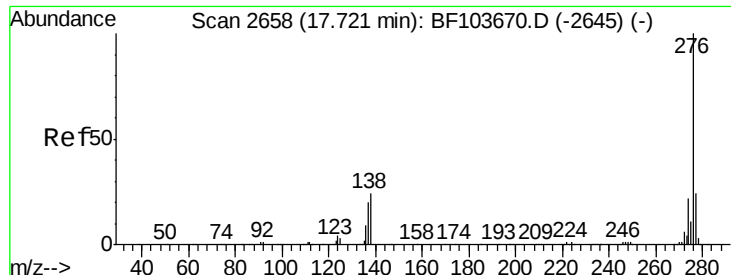
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.946 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF103785.D
Acq: 20 Mar 2018 5:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.4	19.0	28.4

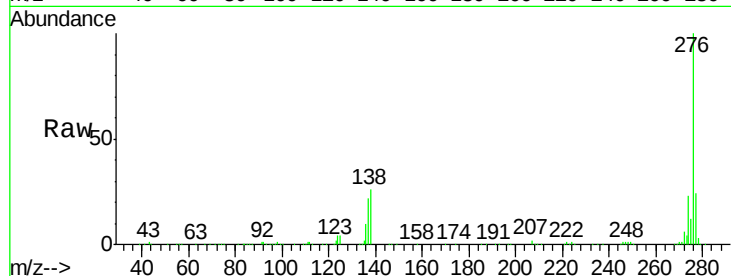




#91
 Benzo(a,h,i)perylene
 Concen: 40.407 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.03 min
 Lab File: BF103785.D
 Acq: 20 Mar 2018 5:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.5	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

