

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103127.D
 Acq On : 21 Feb 2018 11:03
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 21 11:58:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186711	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	806238	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	363443	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	624315	20.00	ng	0.00
75) Chrysene-d12	14.06	240	440717	20.00	ng	0.00
86) Perylene-d12	15.54	264	408057	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	929407	75.60	ng	0.00
7) Phenol-d6	6.52	99	1141324	77.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	1040623	89.54	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	240126	82.09	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1589041	72.55	ng	0.00
78) Terphenyl-d14	12.99	244	1307011	70.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	241156	39.713	ng	89
3) Pyridine	3.43	79	670896	39.988	ng	96
4) n-Nitrosodimethylamine	3.39	42	280787	39.116	ng	# 95
6) Aniline	6.55	93	832163	38.066	ng	96
8) 2-Chlorophenol	6.67	128	495466	39.145	ng	100
9) Benzaldehyde	6.43	77	469060	42.668	ng	98
10) Phenol	6.53	94	654218	41.238	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	510110	38.642	ng	93
12) 1,3-Dichlorobenzene	6.82	146	553409	37.757	ng	98
13) 1,4-Dichlorobenzene	6.90	146	555370	38.037	ng	98
14) 1,2-Dichlorobenzene	7.05	146	509766	37.485	ng	99
15) Benzyl Alcohol	7.02	79	436371	38.342	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	882379	35.187	ng	97
17) 2-Methylphenol	7.13	107	457366	39.174	ng	99
18) Hexachloroethane	7.39	117	201270	40.200	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	346187	35.469	ng	97
20) 3+4-Methylphenols	7.29	107	513551	35.669	ng	# 75
22) Acetophenone	7.29	105	671184	34.019	ng	# 94
24) Nitrobenzene	7.46	77	570534	41.728	ng	97
25) Isophorone	7.70	82	1003480	37.497	ng	98
26) 2-Nitrophenol	7.78	139	292490	51.341	ng	95
27) 2,4-Dimethylphenol	7.81	122	410547	36.311	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	605278	38.180	ng	99
29) 2,4-Dichlorophenol	8.02	162	404177	39.324	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	429860	36.969	ng	99
31) Naphthalene	8.19	128	1423114	36.128	ng	100
32) Benzoic acid	7.95	122	317788	42.022	ng	96
33) 4-Chloroaniline	8.23	127	642293	37.850	ng	99
34) Hexachlorobutadiene	8.29	225	218332	36.644	ng	98
35) Caprolactam	8.62	113	147728	41.386	ng	# 83
36) 4-Chloro-3-methylphenol	8.72	107	455085	39.407	ng	97
37) 2-Methylnaphthalene	8.87	142	929589	36.045	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	373737	37.767	ng	99
40) Hexachlorocyclopentadiene	9.02	237	156555	33.279	ng	97

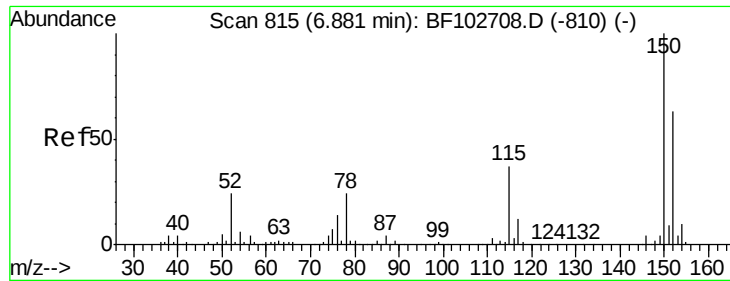
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	265887	40.906	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	300257	40.985	ng	96
45) 1,1'-Biphenyl	9.34	154	1109768	36.253	ng	99
46) 2-Chloronaphthalene	9.36	162	902502	37.449	ng	100
47) 2-Nitroaniline	9.46	65	343195	46.283	ng	88
48) Acenaphthylene	9.78	152	1372260	36.661	ng	99
49) Dimethylphthalate	9.64	163	1094334	38.617	ng	99
50) 2,6-Dinitrotoluene	9.70	165	243085	45.087	ng	94
51) Acenaphthene	9.95	154	785169	35.076	ng	100
52) 3-Nitroaniline	9.88	138	301363	45.428	ng #	90
53) 2,4-Dinitrophenol	9.99	184	84375	58.118	ng #	23
54) Dibenzofuran	10.12	168	1134591	35.966	ng	97
55) 4-Nitrophenol	10.04	139	189745	37.079	ng	93
56) 2,4-Dinitrotoluene	10.11	165	309991	43.200	ng #	97
57) Fluorene	10.47	166	888324	38.703	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	203585	40.095	ng	99
59) Diethylphthalate	10.33	149	1024462	36.612	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	391759	38.584	ng	99
61) 4-Nitroaniline	10.49	138	302575	47.918	ng	94
62) Azobenzene	10.62	77	1025025	36.669	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	153242	55.854	ng	95
65) n-Nitrosodiphenylamine	10.57	169	813856	36.957	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	247483	37.474	ng	97
67) Hexachlorobenzene	11.02	284	270839	37.175	ng	96
68) Atrazine	11.10	200	245378	37.770	ng	98
69) Pentachlorophenol	11.21	266	142744	33.377	ng	98
70) Phenanthrene	11.43	178	1248805	35.916	ng	100
71) Anthracene	11.49	178	1269556	35.899	ng	100
72) Carbazole	11.64	167	1279953	36.943	ng	99
73) Di-n-butylphthalate	11.96	149	1622533	38.553	ng	99
74) Fluoranthene	12.62	202	1269890	36.300	ng	99
76) Benzidine	12.74	184	831870	41.069	ng	98
77) Pyrene	12.86	202	1287530	37.256	ng	99
79) Butylbenzylphthalate	13.46	149	697518	42.319	ng	100
80) Benzo(a)anthracene	14.04	228	1099412	39.666	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	400269	38.949	ng	99
82) Chrysene	14.08	228	1031484	36.918	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	918081	43.366	ng	98
84) Di-n-octyl phthalate	14.63	149	1503011	47.282	ng	100
85) Indeno(1,2,3-cd)pyrene	17.06	276	890618	38.434	ng	98
87) Benzo(b)fluoranthene	15.11	252	990283	37.432	ng	99
88) Benzo(k)fluoranthene	15.14	252	953060	37.703	ng	99
89) Benzo(a)pyrene	15.48	252	895823	37.618	ng	96
90) Dibenzo(a,h)anthracene	17.07	278	732984	37.922	ng	100
91) Benzo(g,h,i)perylene	17.52	276	747954	39.535	ng	99

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

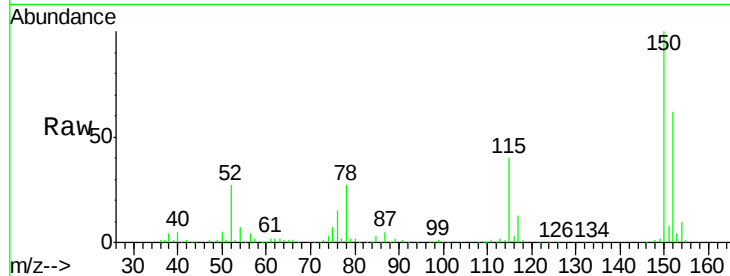


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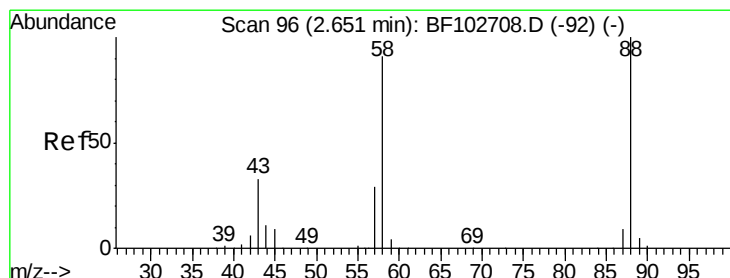
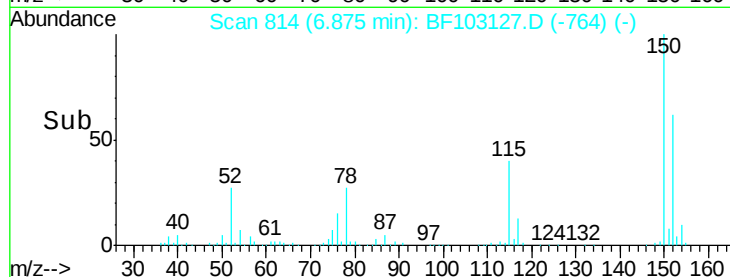
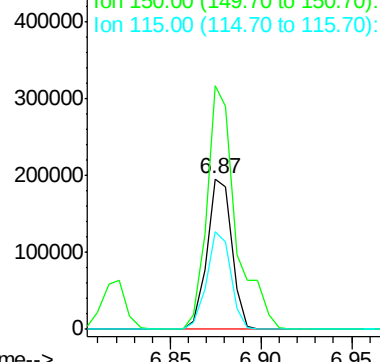
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 186711
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 64.6 50.1 75.1



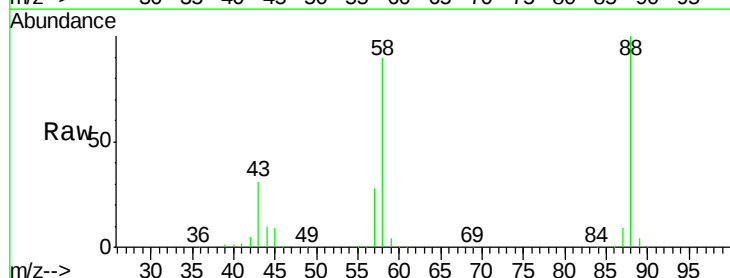
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



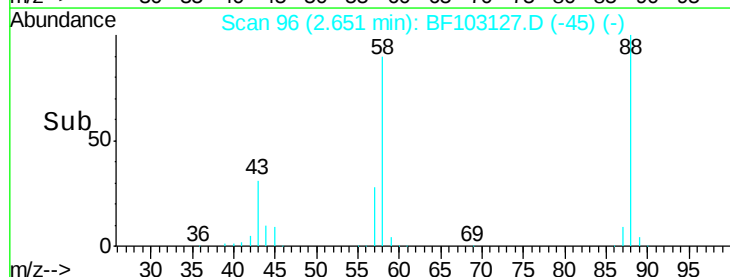
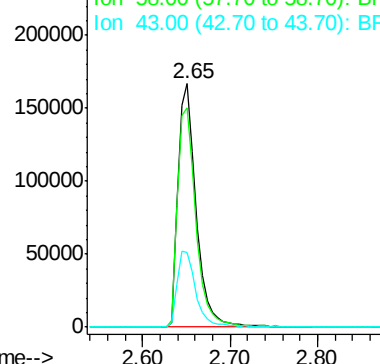
#2

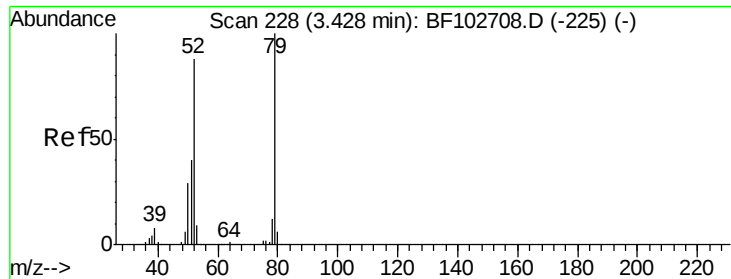
1,4-Dioxane
Concen: 39.713 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion: 88 Resp: 241156
Ion Ratio Lower Upper
88 100
58 90.9 62.6 93.8
43 32.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.988 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

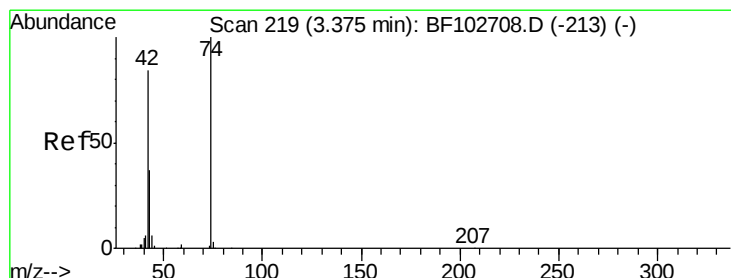
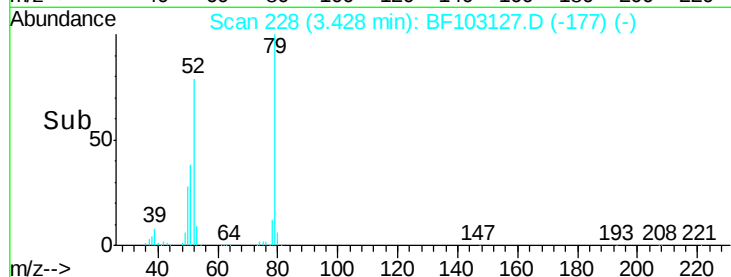
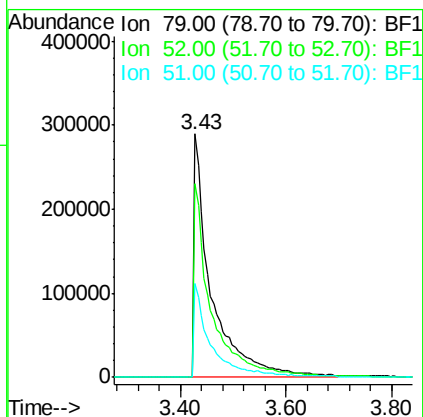
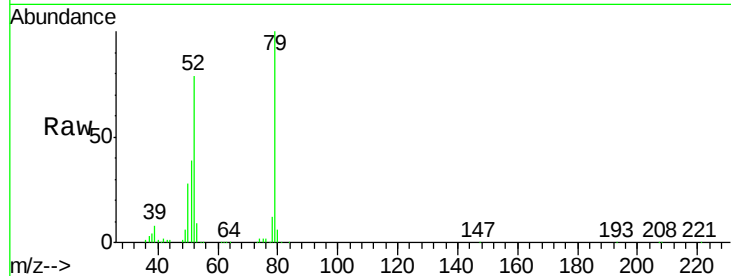
Tot Ion: 79 Resp: 670896

Ion Ratio Lower Upper

79 100

52 79.4 59.8 89.6

51 38.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.116 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

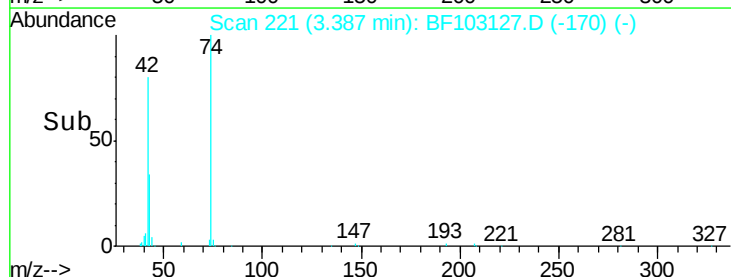
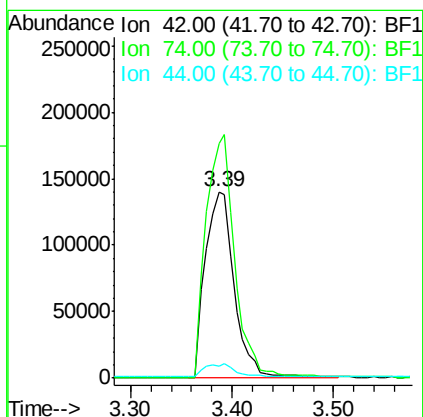
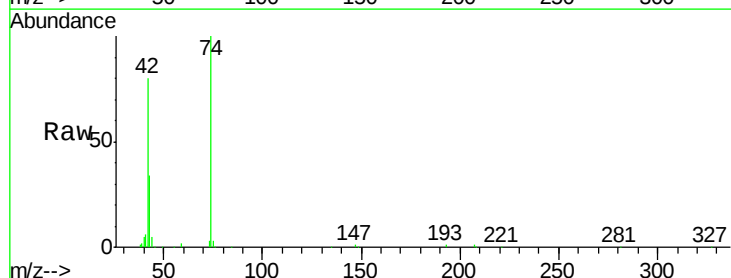
Tgt Ion: 42 Resp: 280787

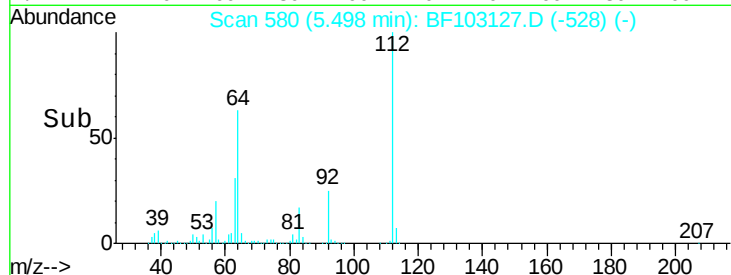
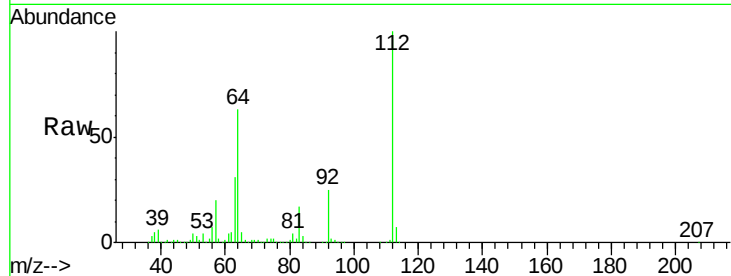
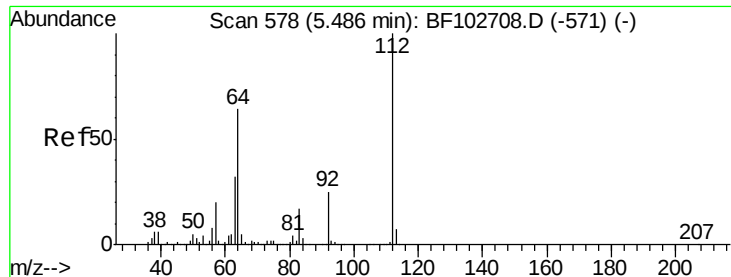
Ion Ratio Lower Upper

42 100

74 125.7 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 75.596 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 929407

Ion Ratio Lower Upper

112 100

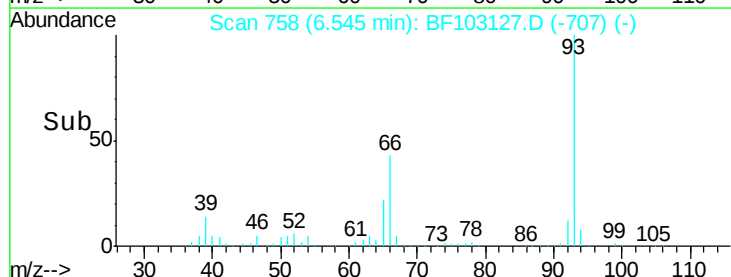
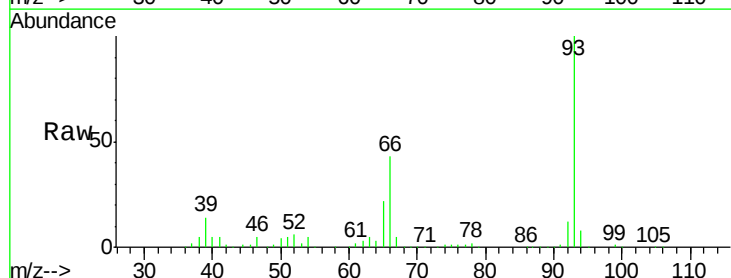
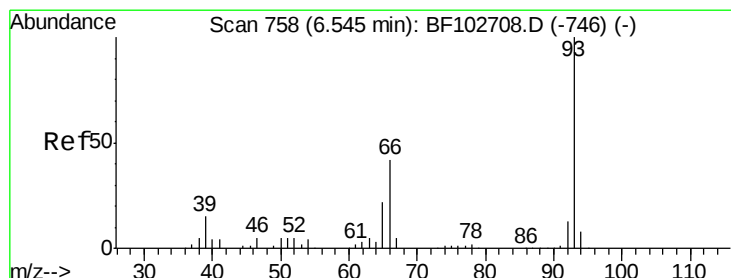
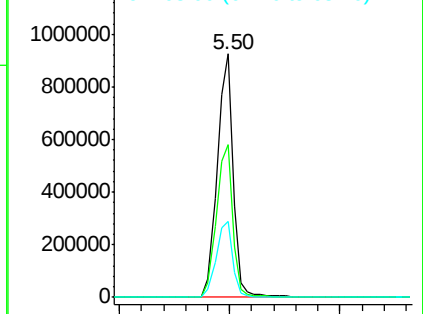
64 62.9 47.9 71.9

63 31.2 23.7 35.5

Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.066 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Tgt Ion: 93 Resp: 832163

Ion Ratio Lower Upper

93 100

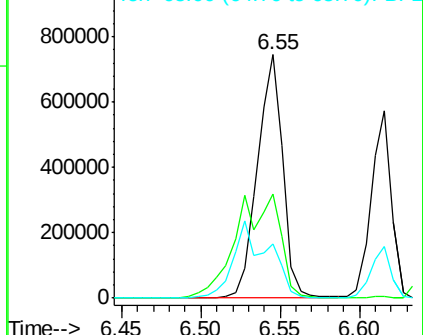
66 42.7 32.2 48.2

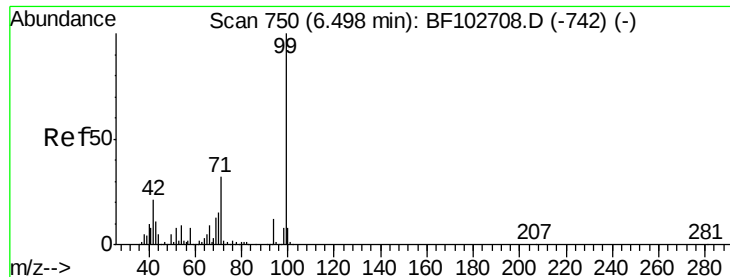
65 22.4 16.4 24.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.099 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

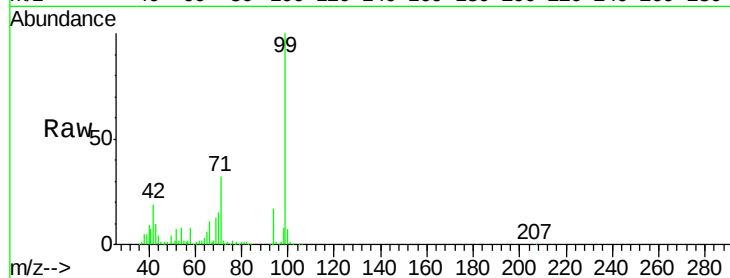
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1141324

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	31.5	25.4	38.0

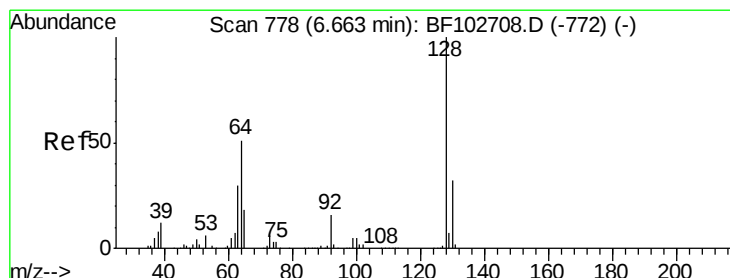
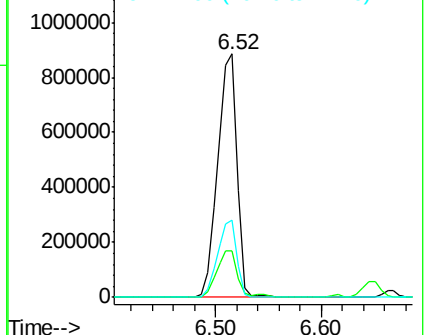
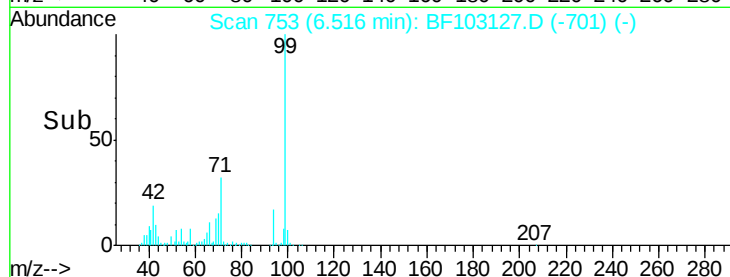


Abundance

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: 39.145 ng

RT: 6.67 min Scan# 779

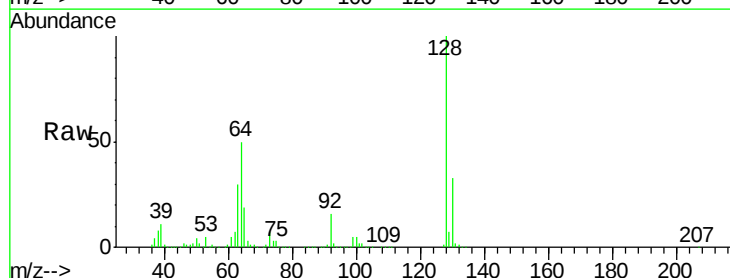
Delta R.T. 0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Tgt Ion: 128 Resp: 495466

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	49.9	29.4	69.4

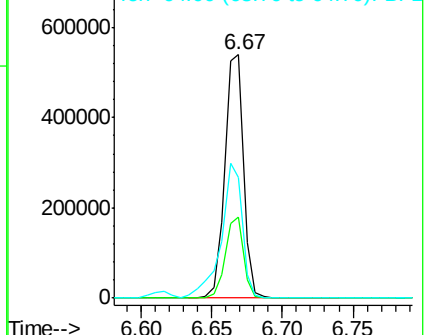
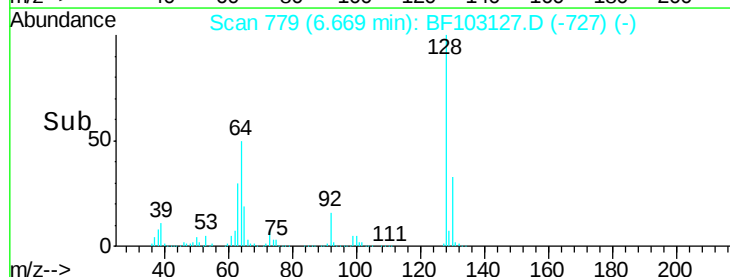


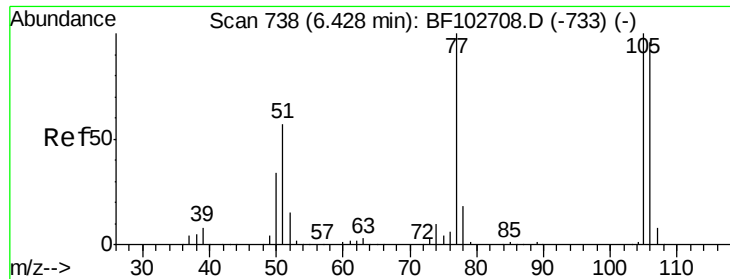
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.668 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

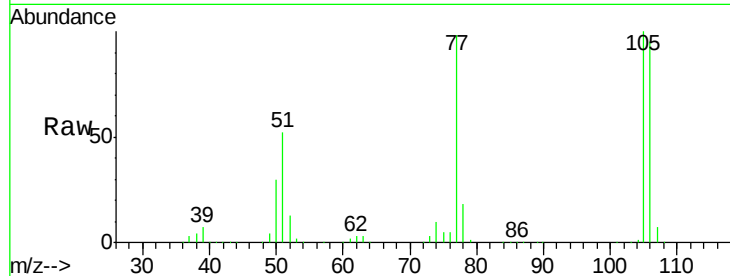
Tot Ion: 77 Resp: 469060

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

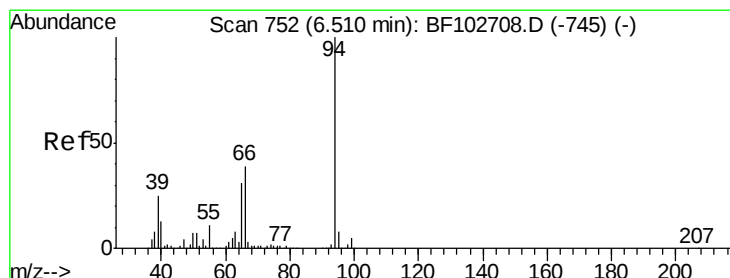
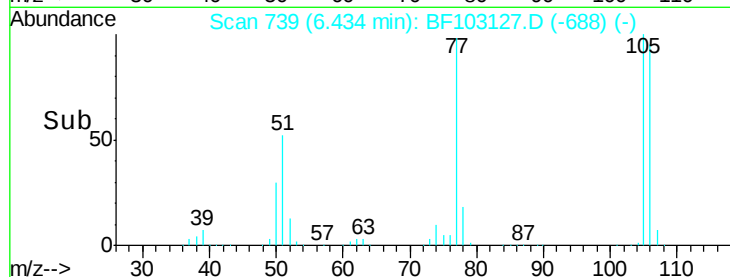
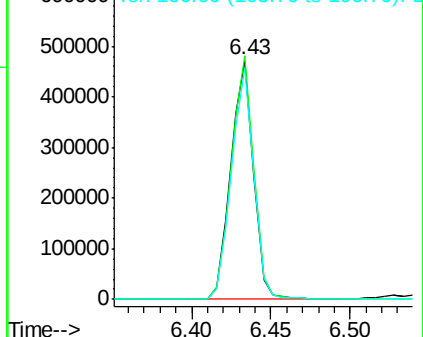
106 96.8 74.5 114.5



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: 41.238 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

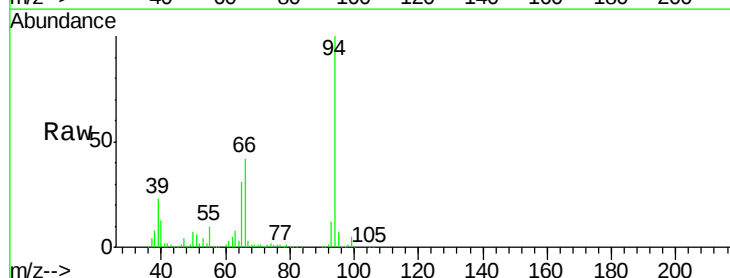
Tgt Ion: 94 Resp: 654218

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

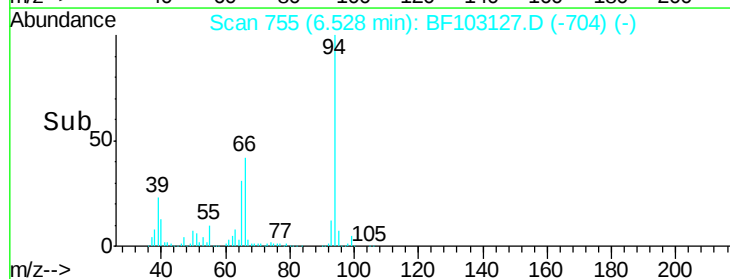
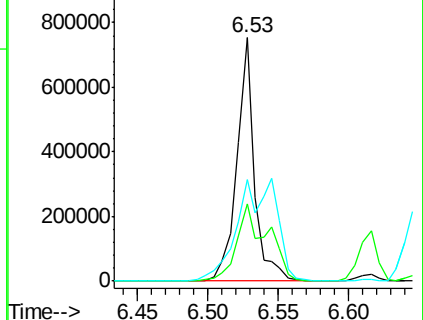
66 41.9 16.2 56.2

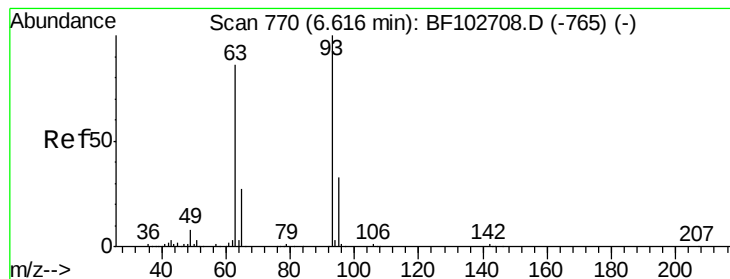


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

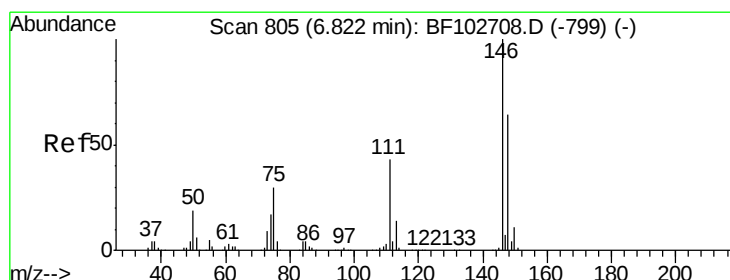
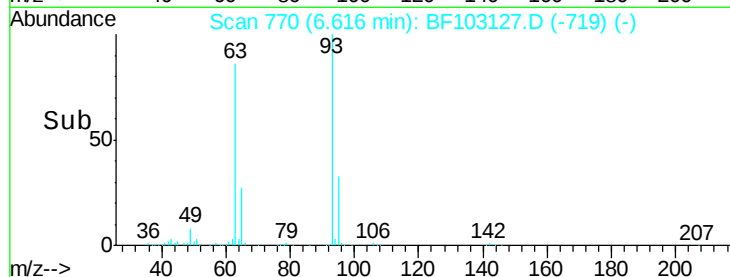
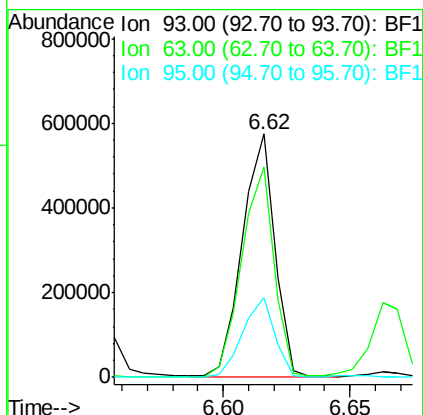
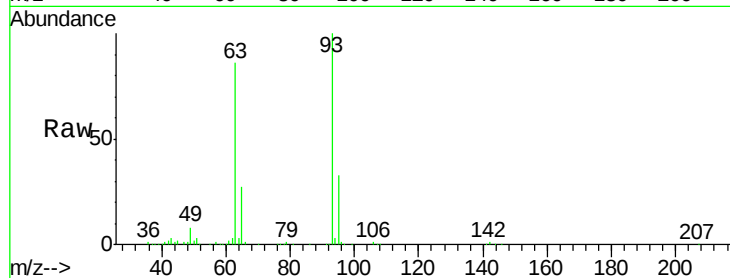




#11
bis(2-Chloroethyl)ether
Concen: 38.642 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

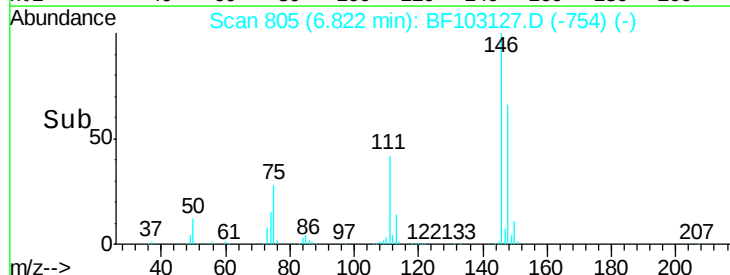
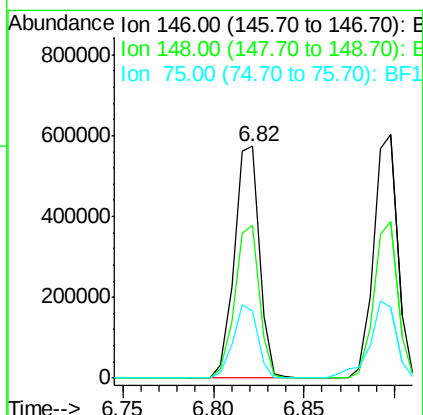
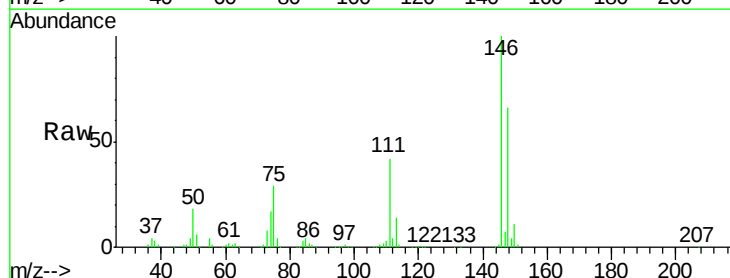
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

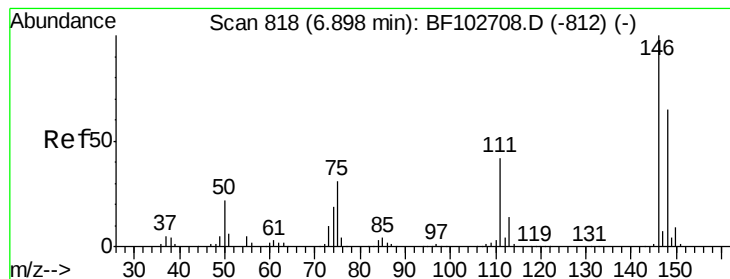
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.757 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.8
75	29.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.037 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

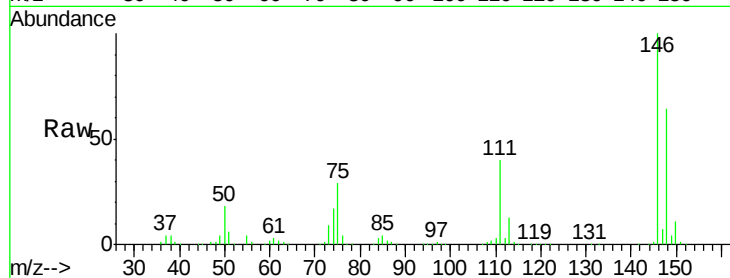
Tot Ion:146 Resp: 555370

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

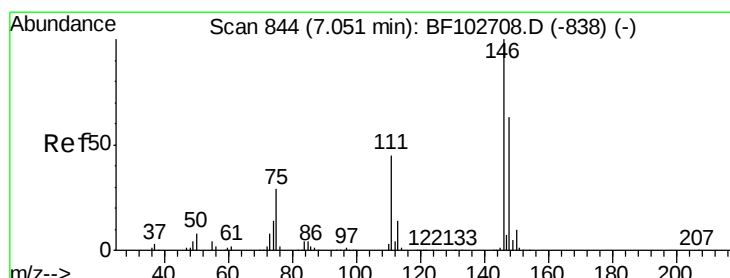
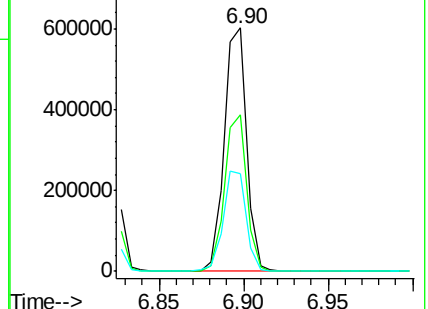
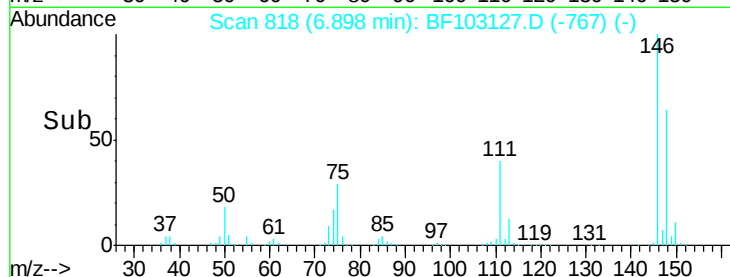
111 40.0 34.2 51.2



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: 37.485 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

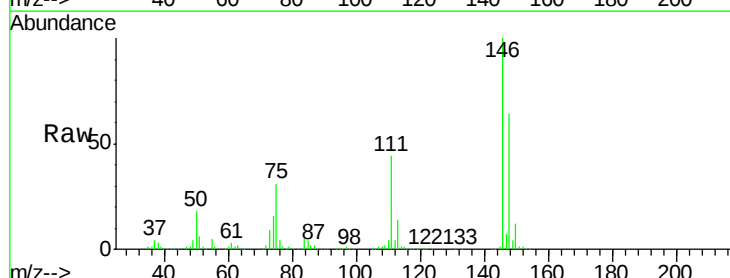
Tgt Ion:146 Resp: 509766

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

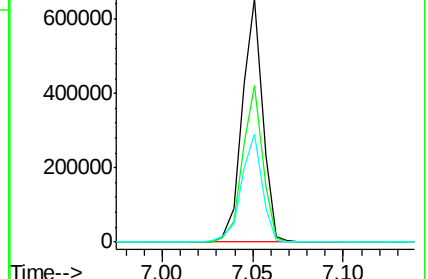
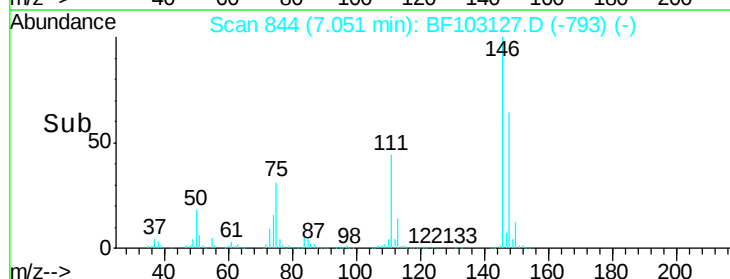
111 44.4 36.0 54.0

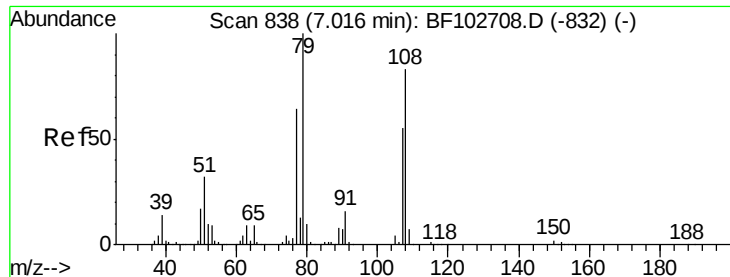


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.342 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

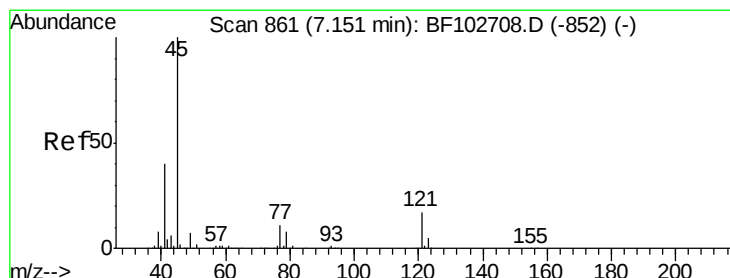
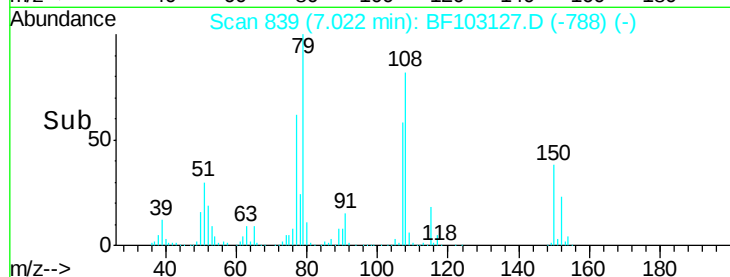
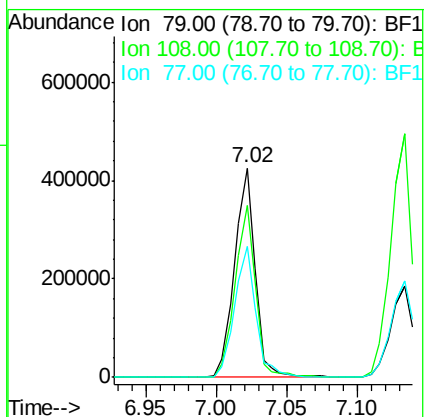
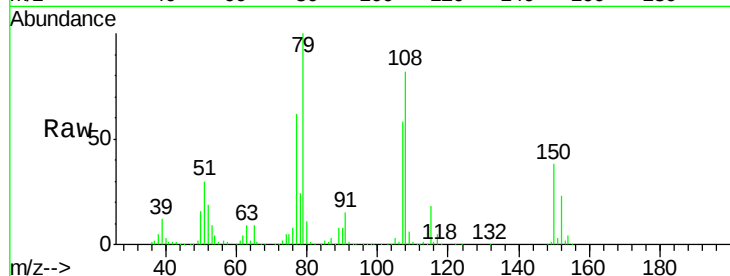
Tot Ion: 79 Resp: 436371

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

77 62.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.187 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

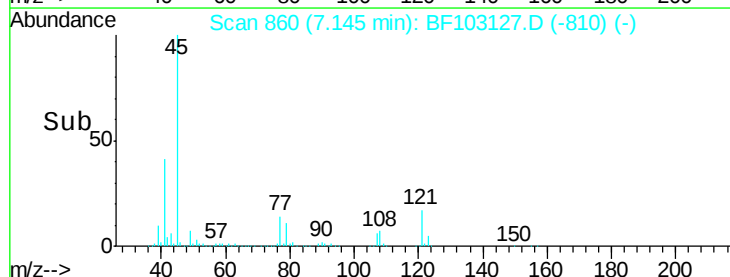
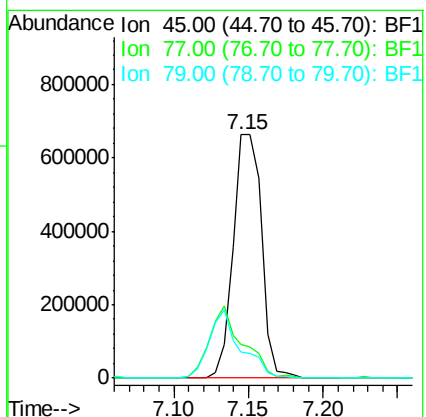
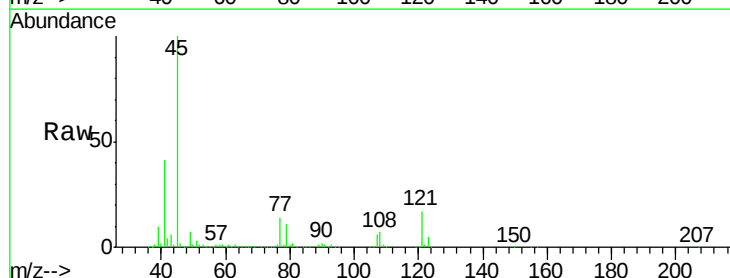
Tgt Ion: 45 Resp: 882379

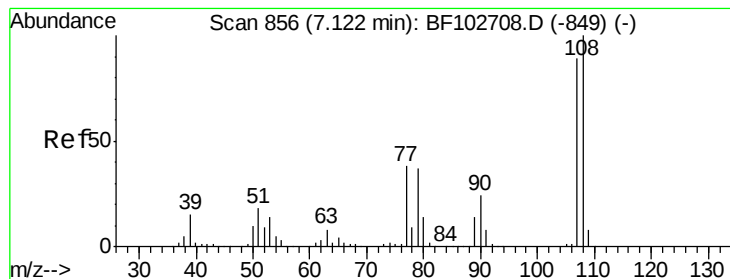
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

79 10.7 0.0 29.6





#17

2-Methylphenol

Concen: 39.174 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 457366

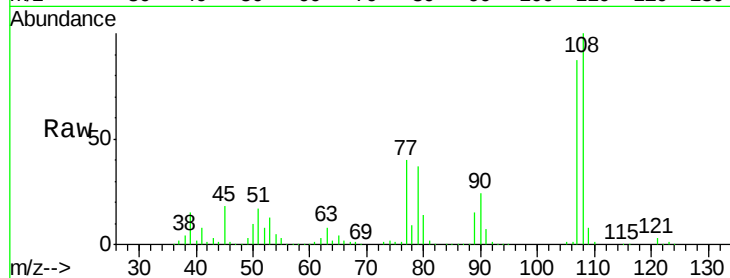
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 45.5 33.8 50.8

79 43.0 33.8 50.8

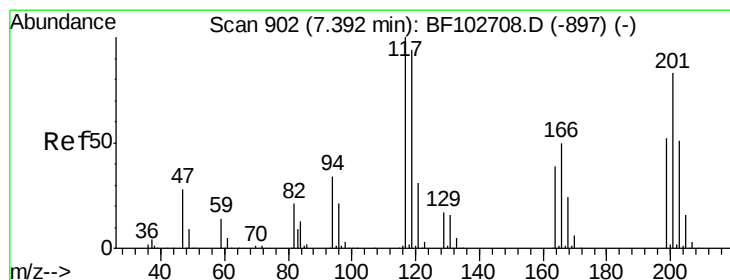
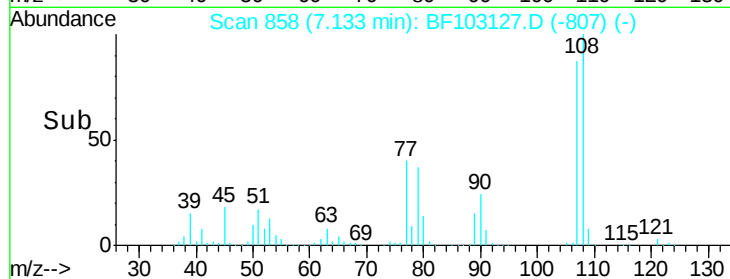
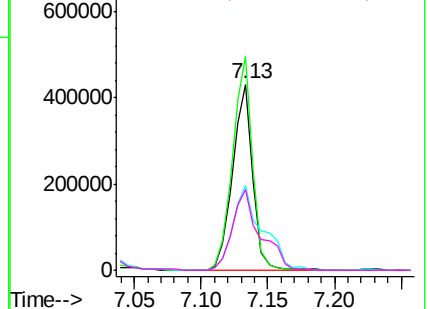


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.200 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

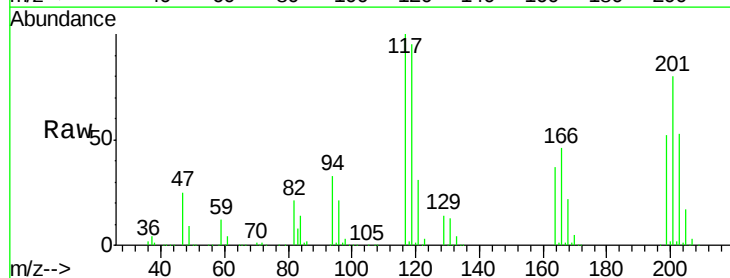
Tgt Ion:117 Resp: 201270

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

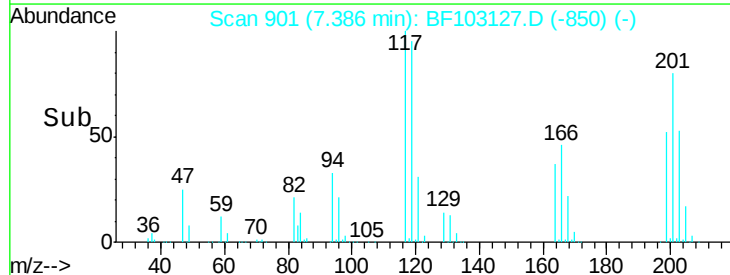
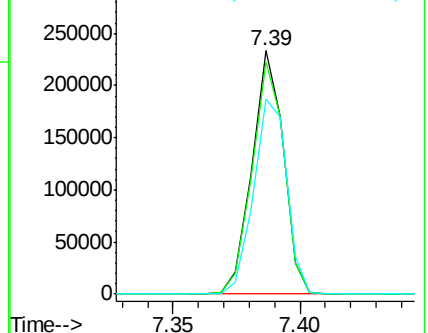
201 79.9 75.7 113.5

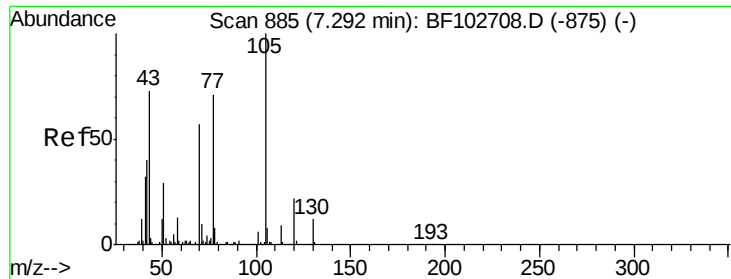


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

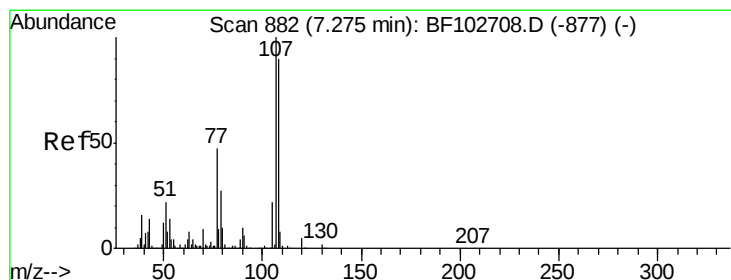
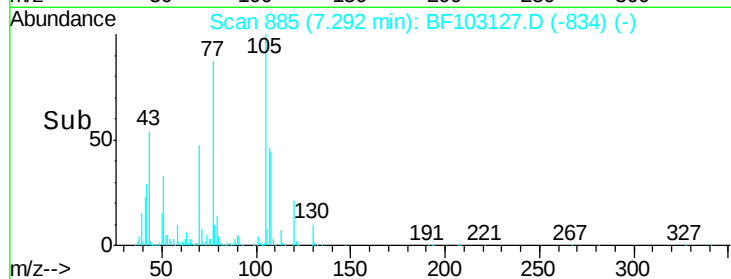
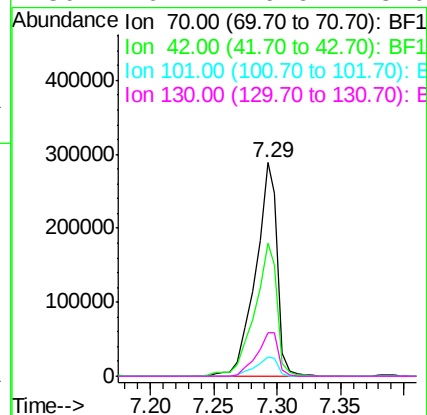
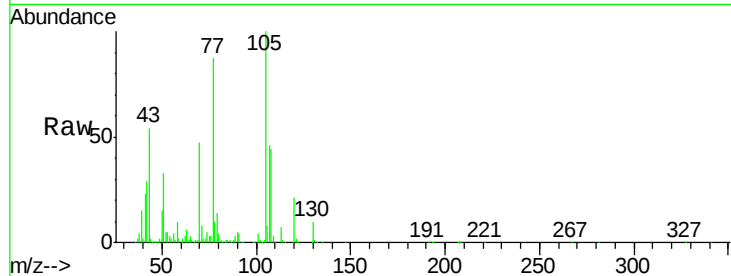




#19
n-Nitroso-di-n-propylamine
Concen: 35.469 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

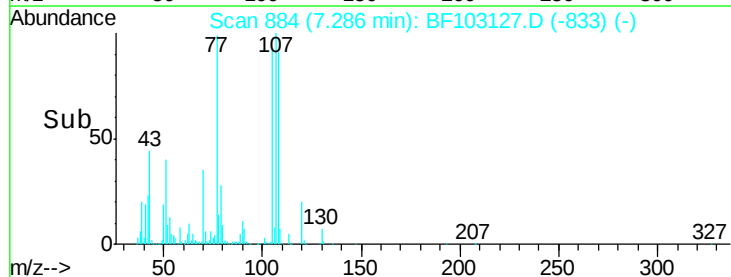
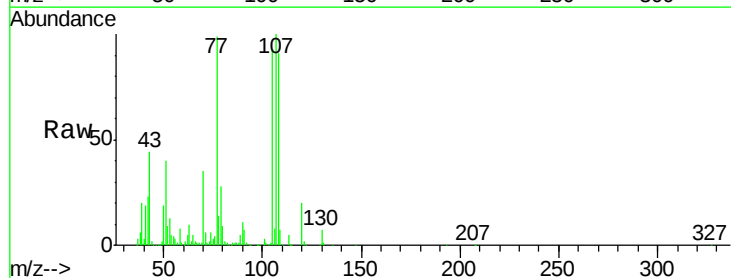
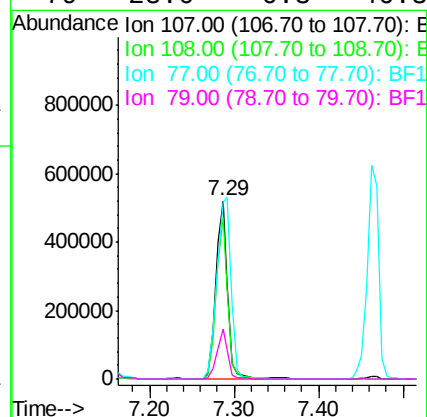
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

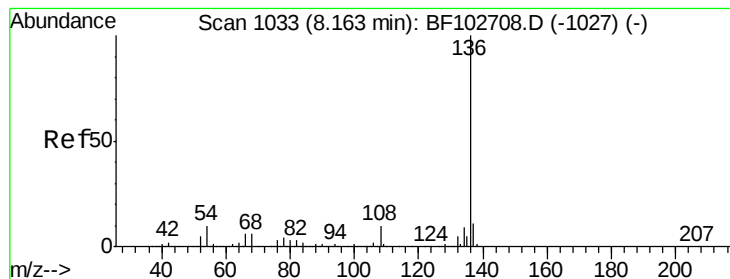
Tot Ion	70	Resp	346187
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	9.1	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.669 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion	107	Resp	513551
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	99.3	26.7	66.7
79	28.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 806238

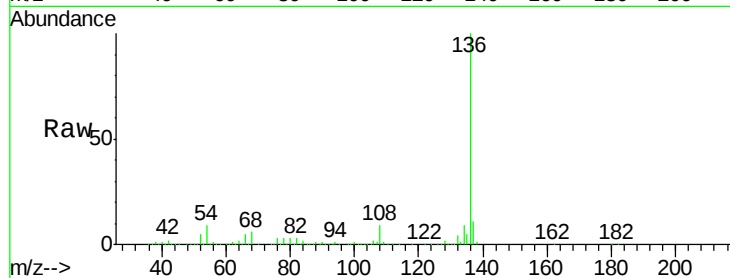
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.3 5.0 7.4

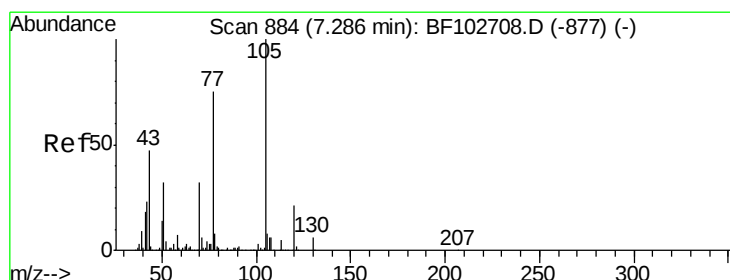
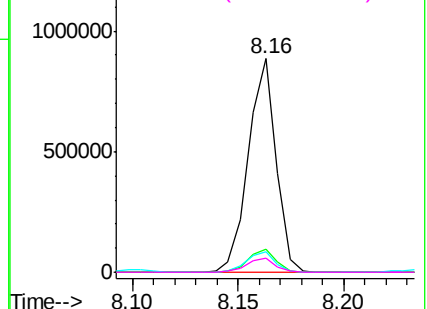
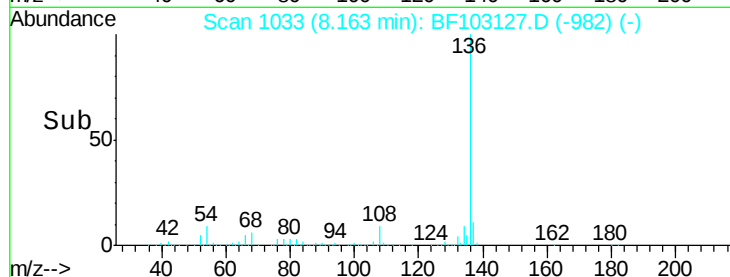


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.019 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Tgt Ion:105 Resp: 671184

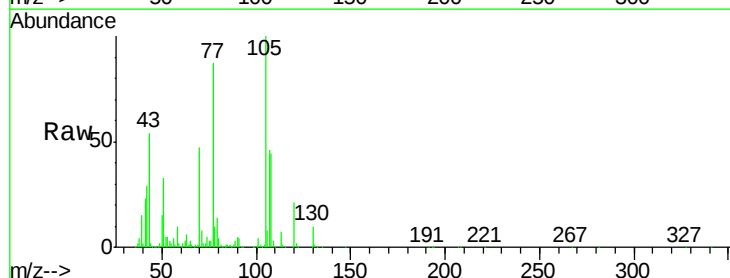
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 33.1 22.3 33.5

120 21.2 16.9 25.3

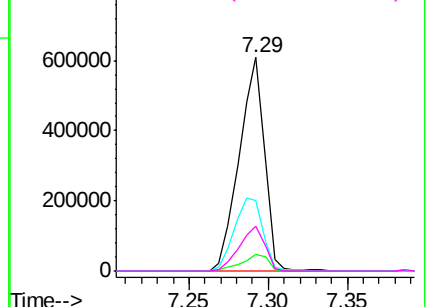
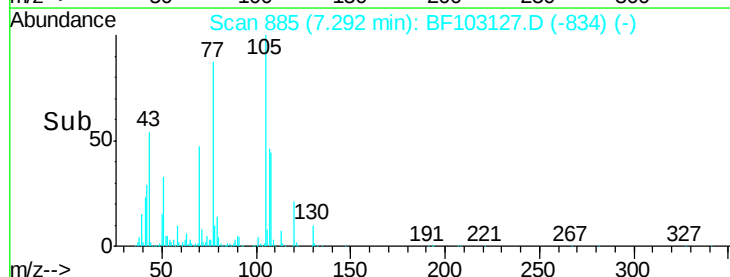


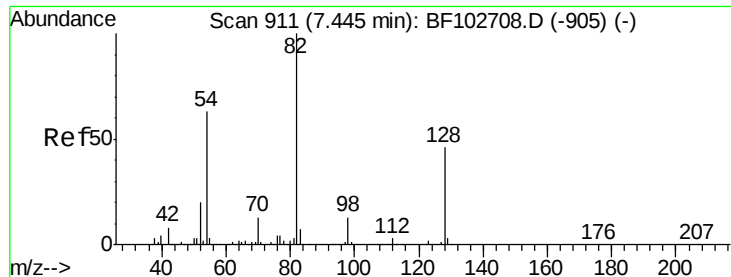
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

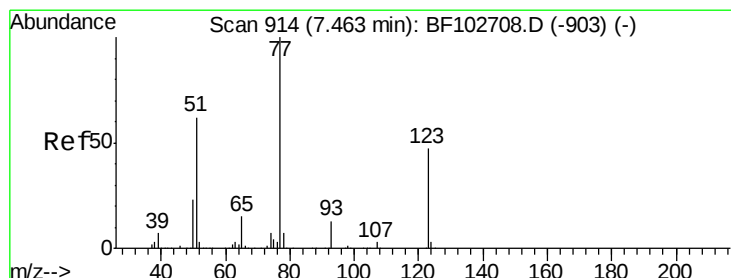
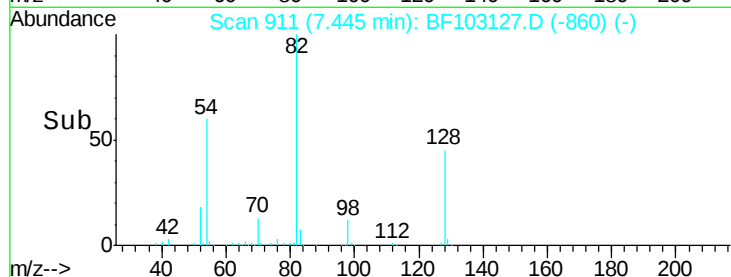
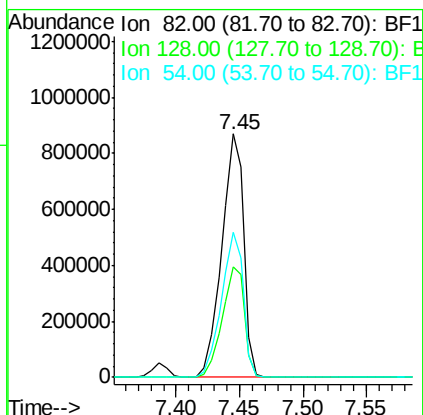
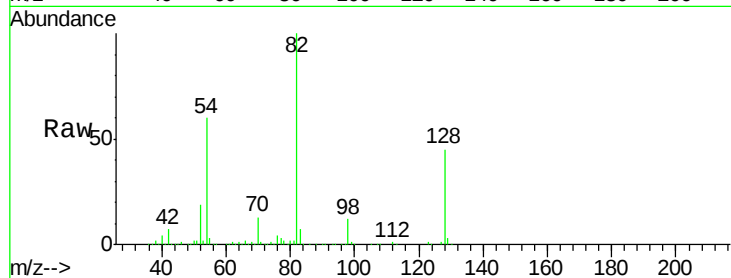




#23
 Nitrobenzene-d5
 Concen: 89.538 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

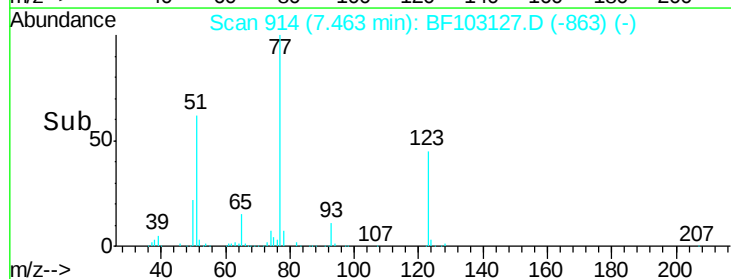
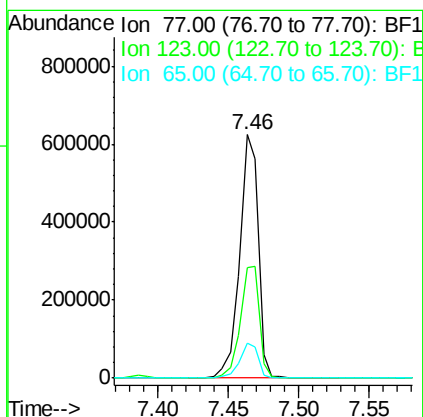
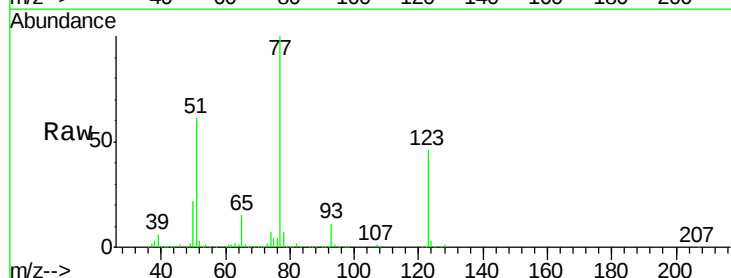
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

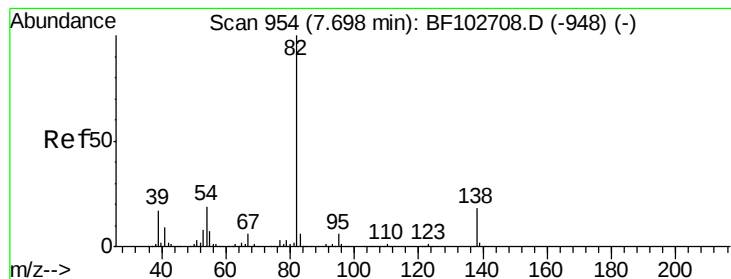
Tot Ion: 82 Resp: 1040623
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 59.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.728 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion: 77 Resp: 570534
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 37.497 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

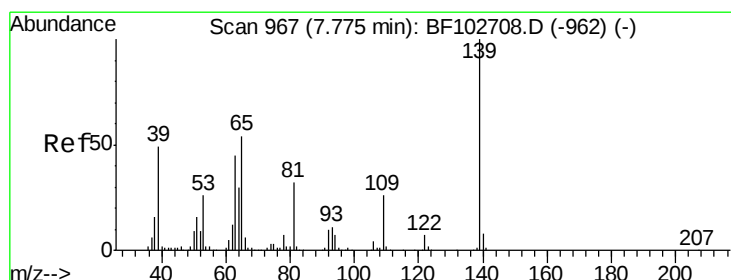
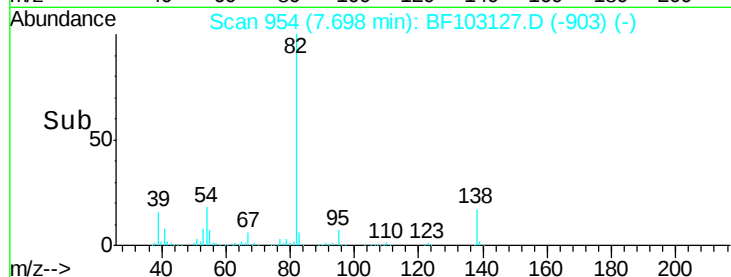
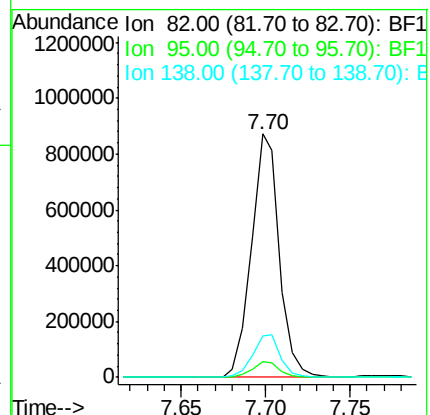
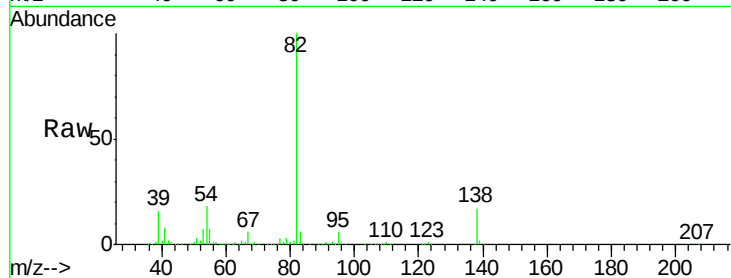
Tot Ion: 82 Resp: 1003480

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 51.341 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

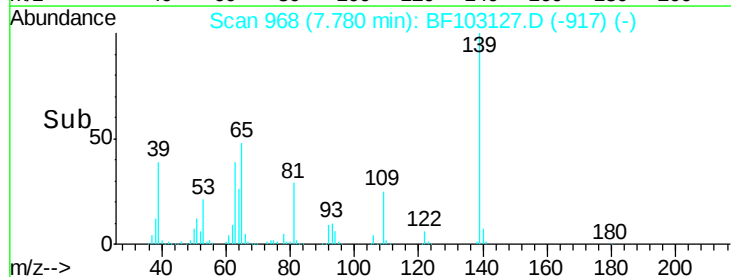
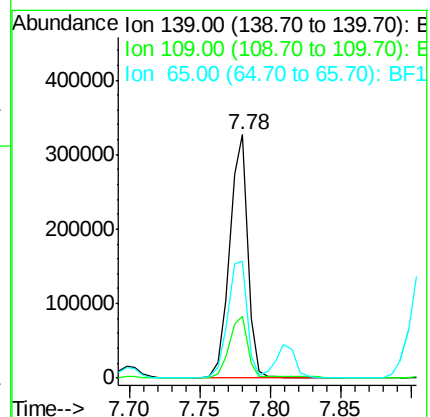
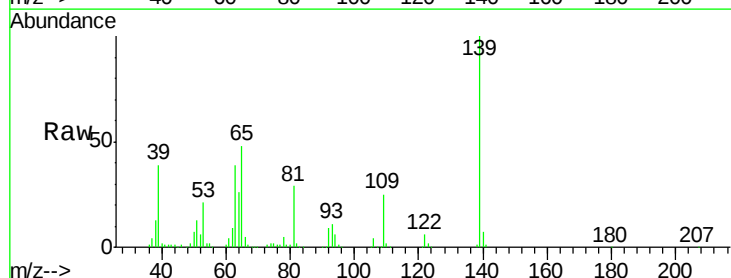
Tgt Ion: 139 Resp: 292490

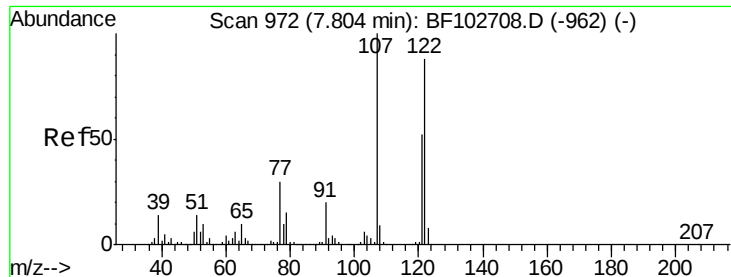
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.311 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

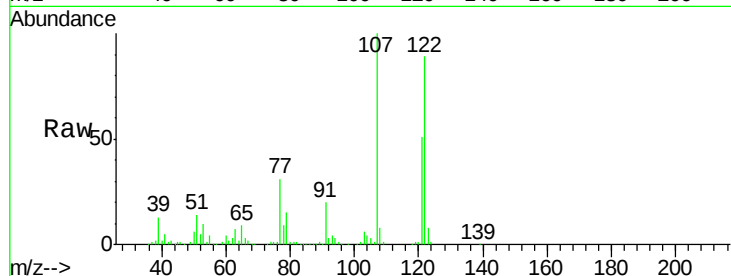
Tot Ion:122 Resp: 410547

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

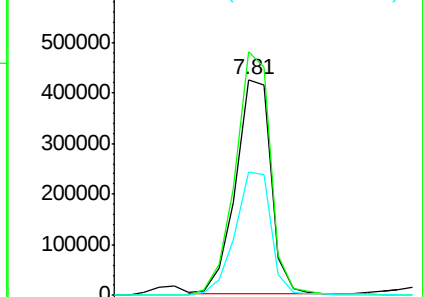
121 57.4 47.2 70.8



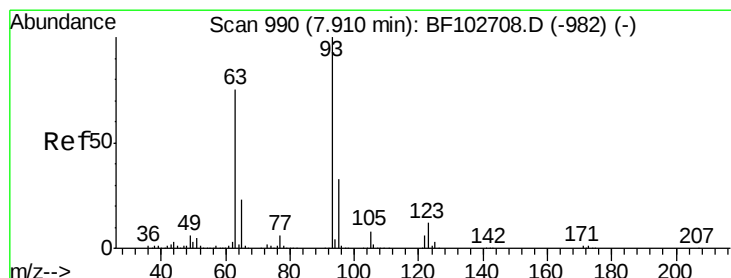
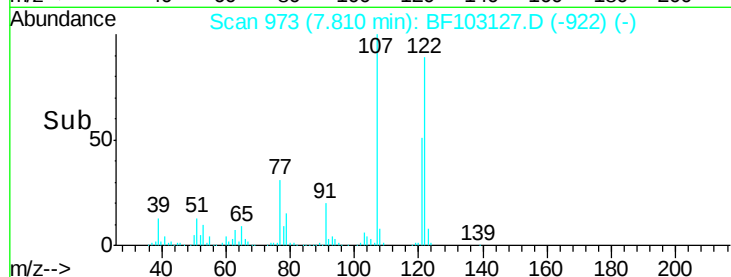
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 38.180 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

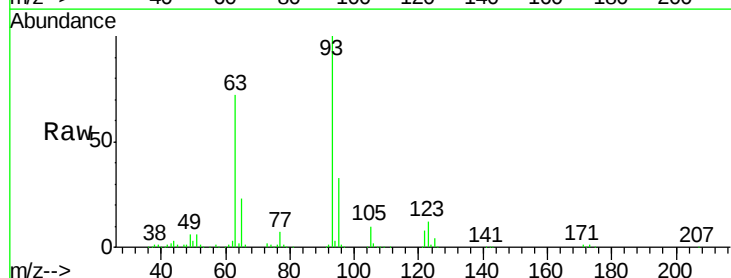
Tgt Ion: 93 Resp: 605278

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

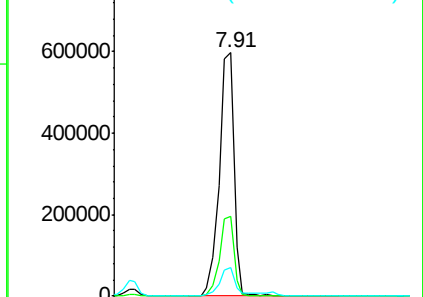
123 11.8 9.8 14.6



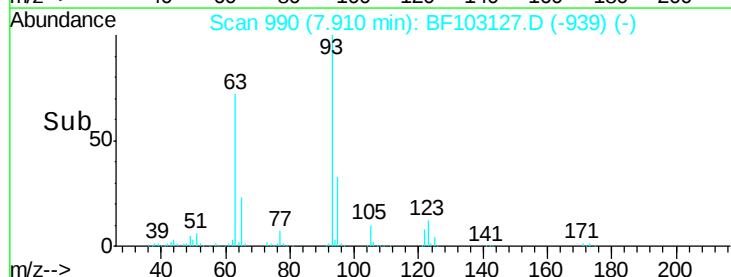
Abundance Ion 93.00 (92.70 to 93.70): BF1

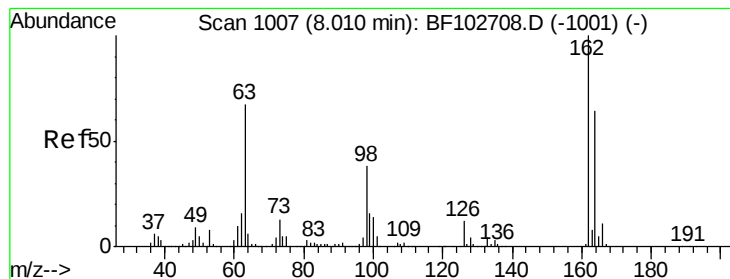
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 39.324 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

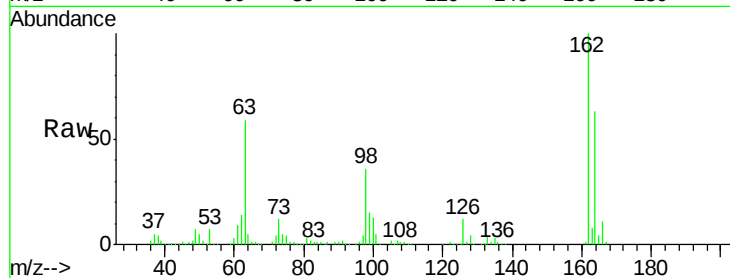
Tot Ion:162 Resp: 404177

Ion Ratio Lower Upper

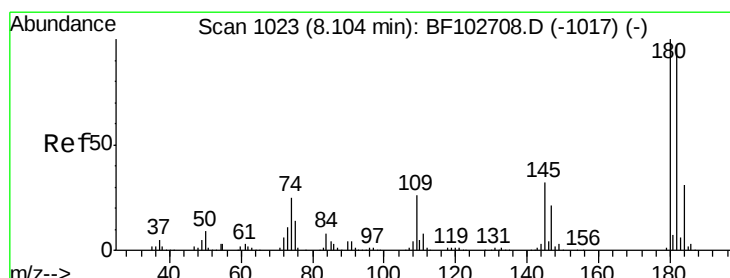
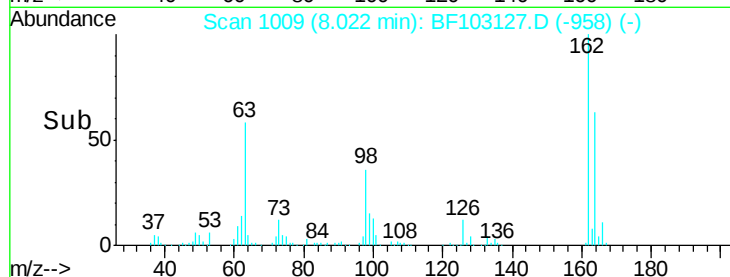
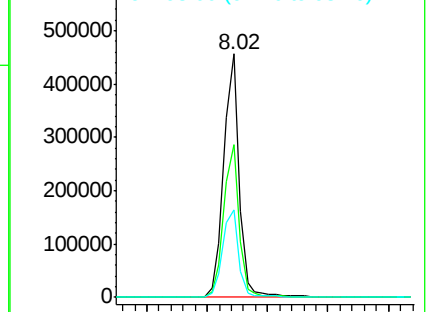
162 100

164 63.0 42.7 82.7

98 36.0 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: 36.969 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

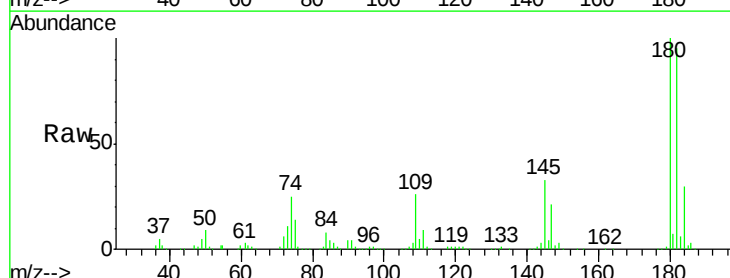
Tgt Ion:180 Resp: 429860

Ion Ratio Lower Upper

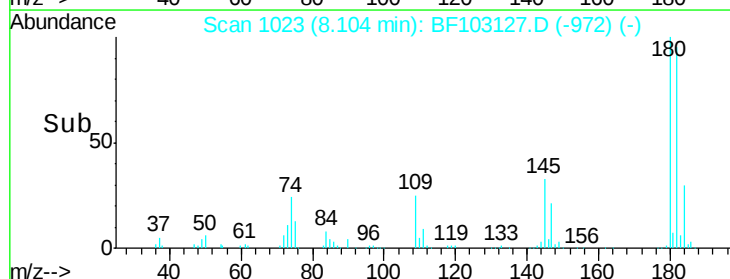
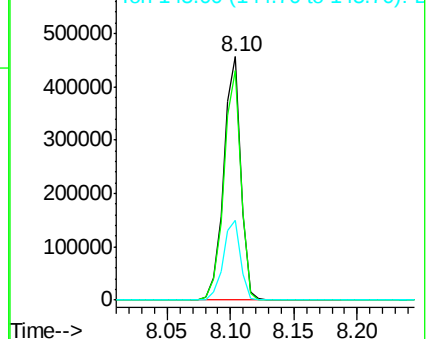
180 100

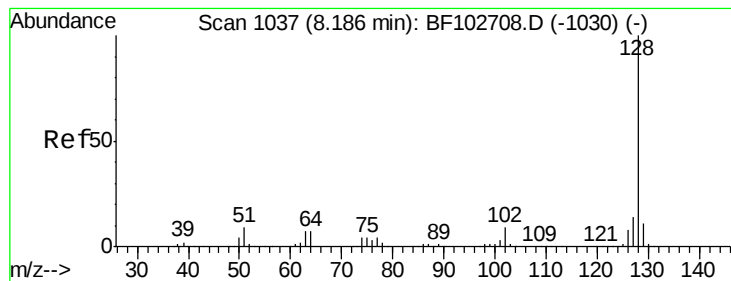
182 94.5 76.8 115.2

145 32.8 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: 36.128 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

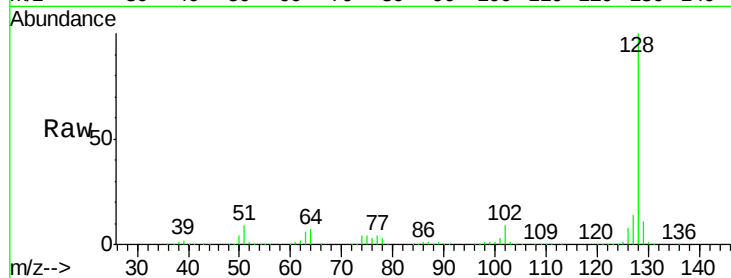
Tot Ion:128 Resp: 1423114

Ion Ratio Lower Upper

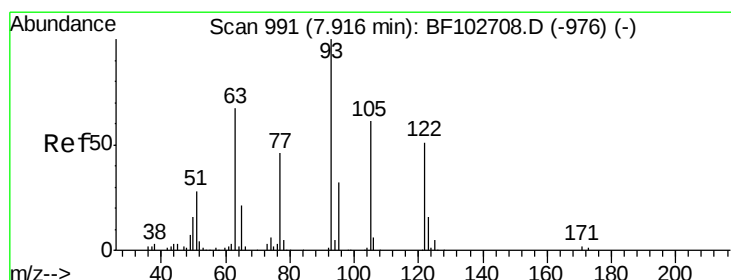
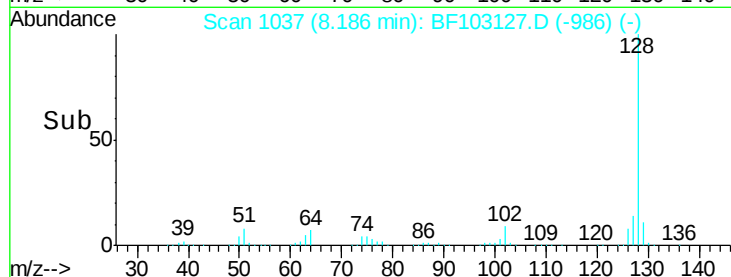
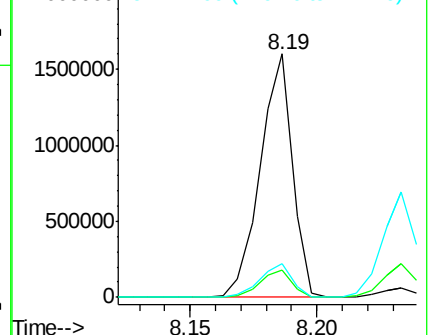
128 100

129 11.0 8.8 13.2

127 13.6 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: 42.022 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

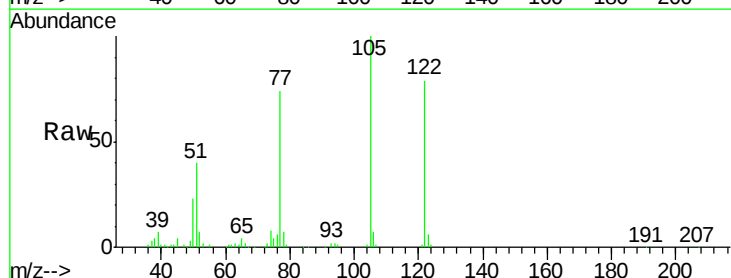
Tgt Ion:122 Resp: 317788

Ion Ratio Lower Upper

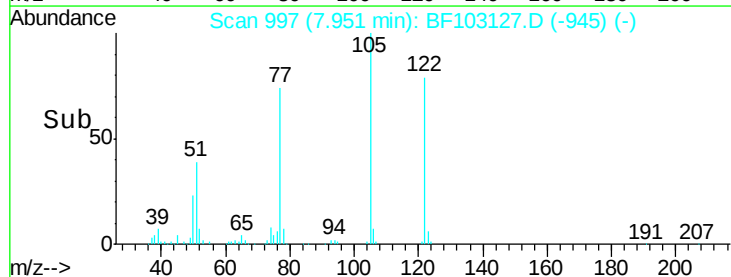
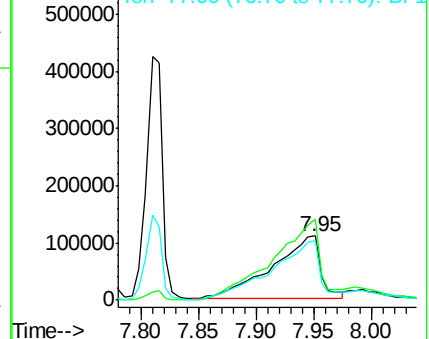
122 100

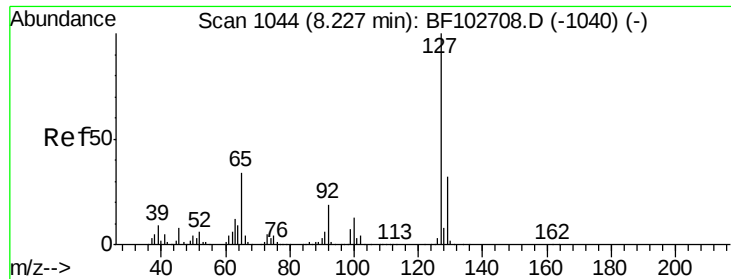
105 126.6 101.1 141.1

77 93.3 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

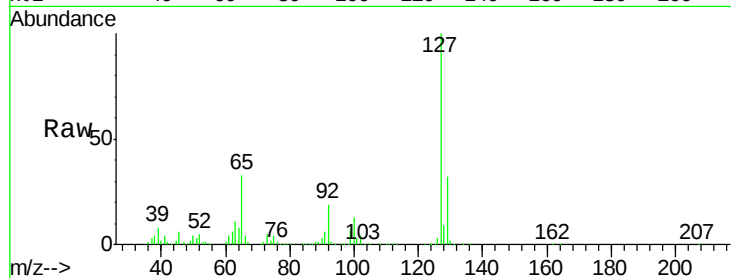




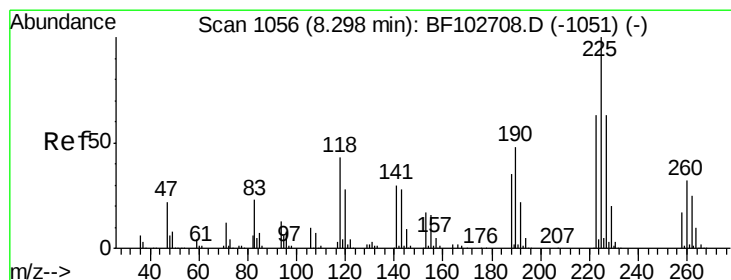
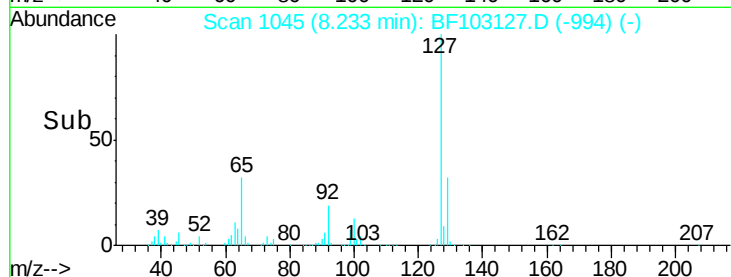
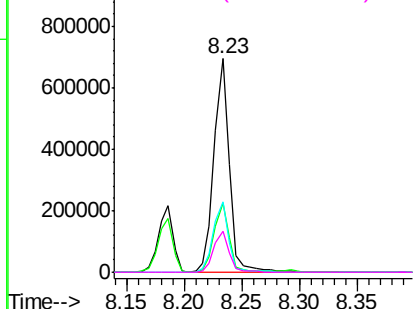
#33
 4-Chloroaniline
 Concen: 37.850 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	642293
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.0	25.0	37.4
92	19.0	15.2	22.8

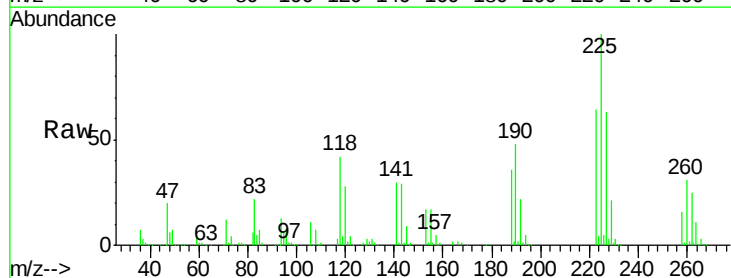


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

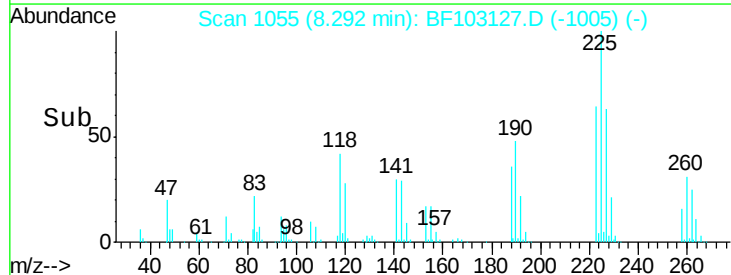
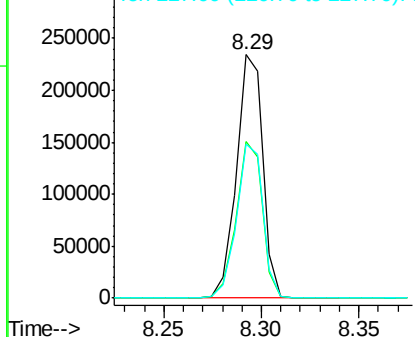


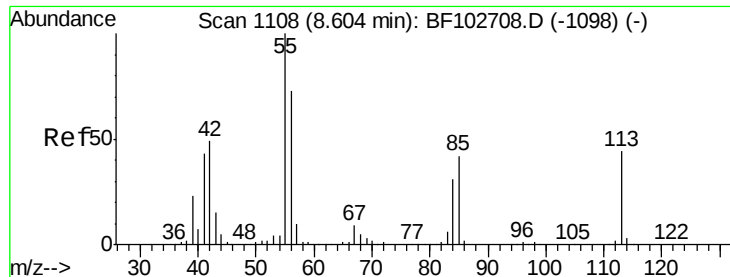
#34
 Hexachlorobutadiene
 Concen: 36.644 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:	225	Resp:	218332
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	63.5	51.9	77.9



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

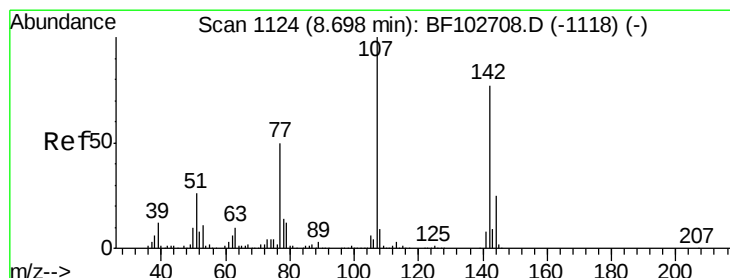
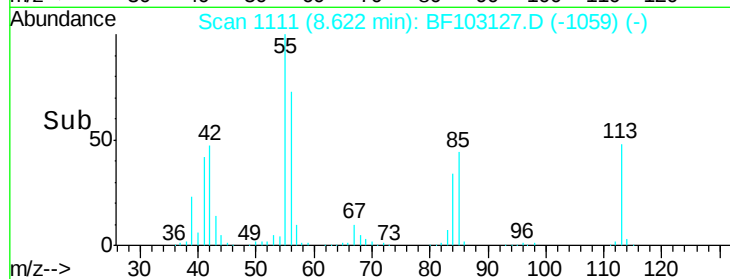
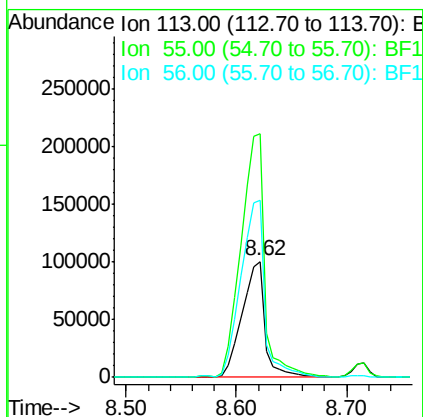
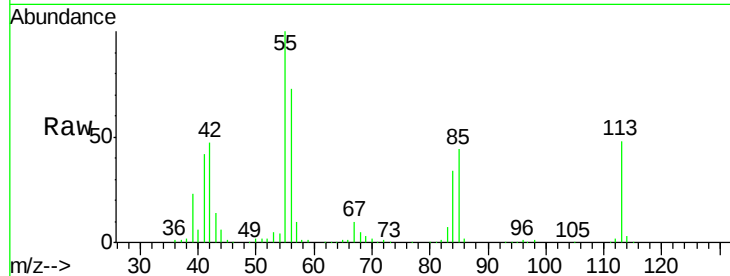




#35
Caprolactam
Concen: 41.386 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

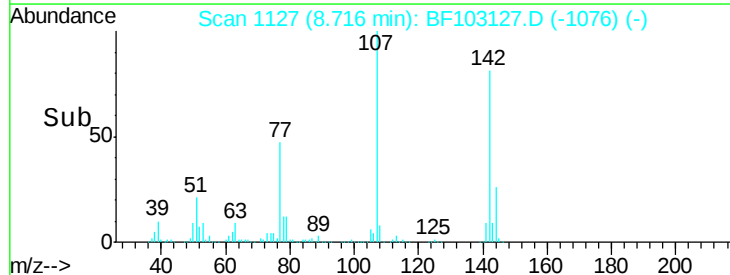
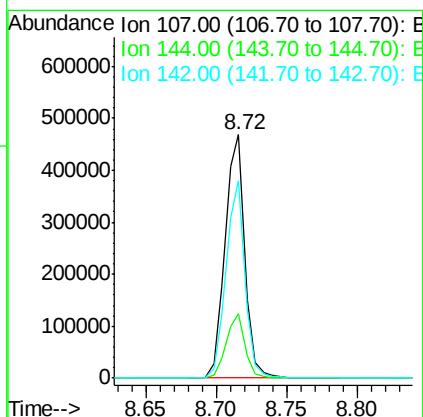
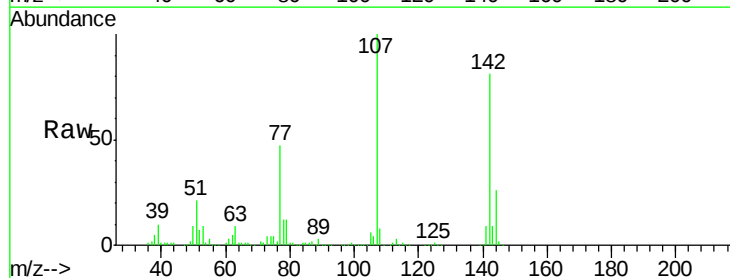
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

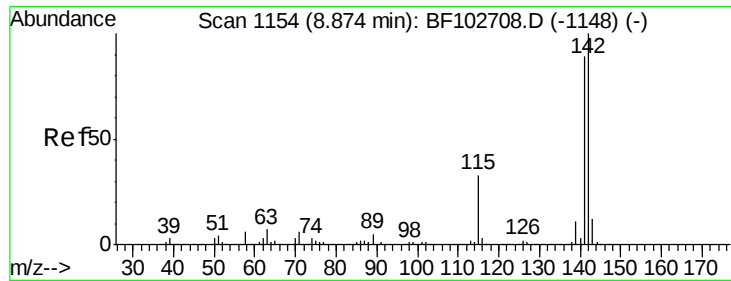
Tot Ion:113 Resp: 147728
Ion Ratio Lower Upper
113 100
55 209.7 163.3 203.3#
56 152.3 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 39.407 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:107 Resp: 455085
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 81.0 62.0 93.0

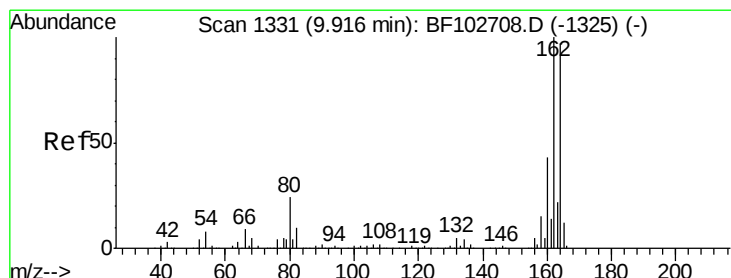
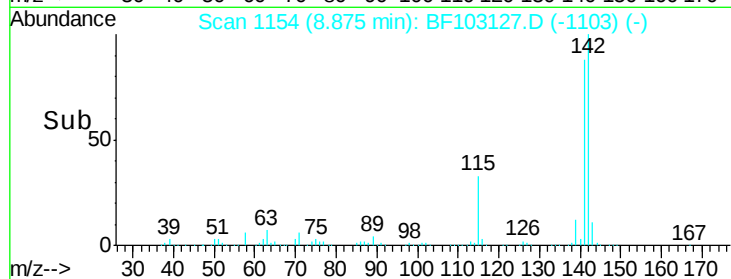
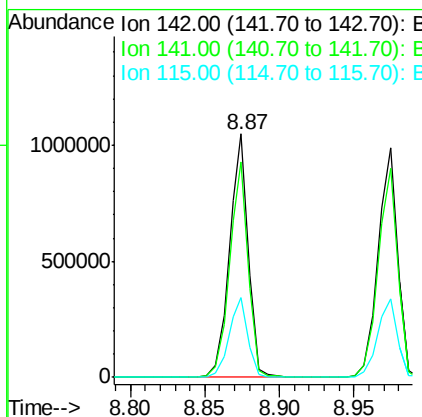
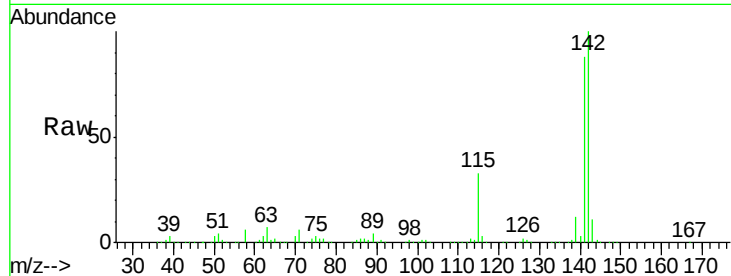




#37
 2-Methylnaphthalene
 Concen: 36.045 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

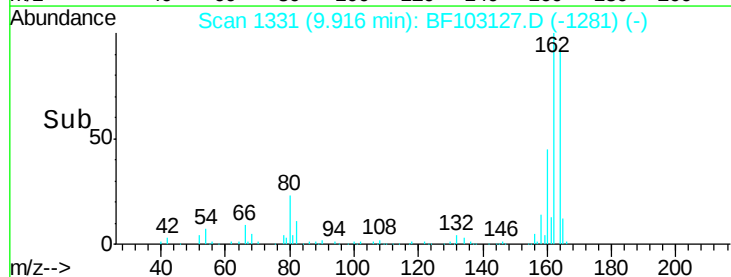
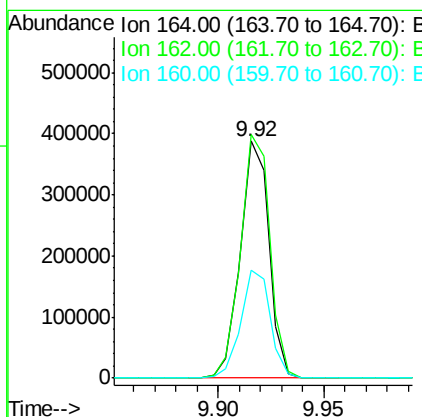
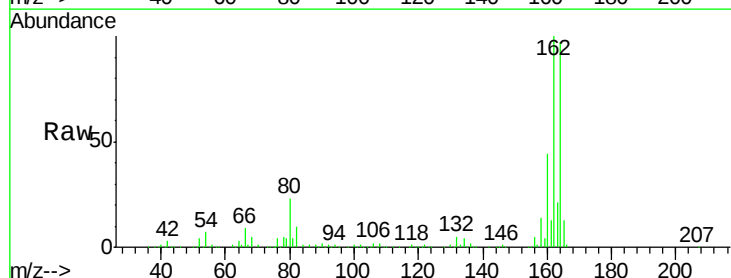
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

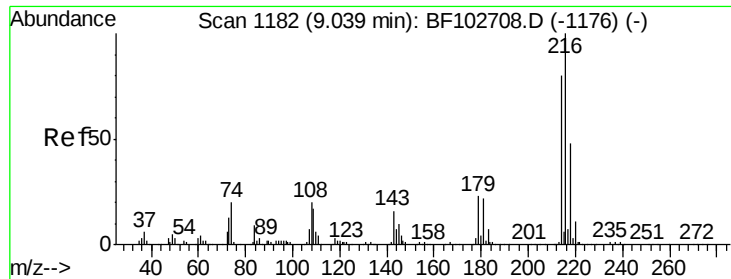
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	32.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.6	38.3	57.5

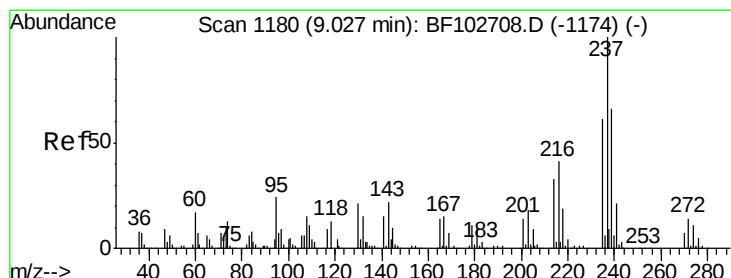
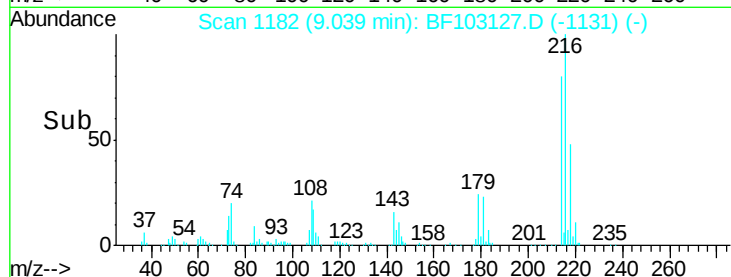
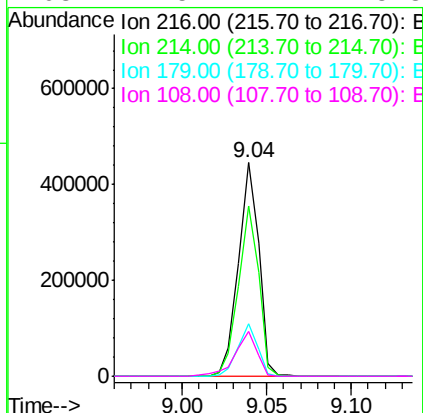
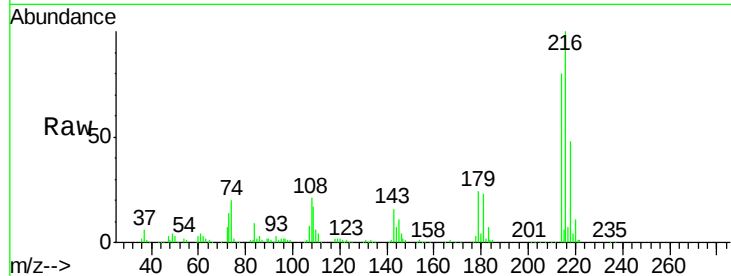




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.767 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

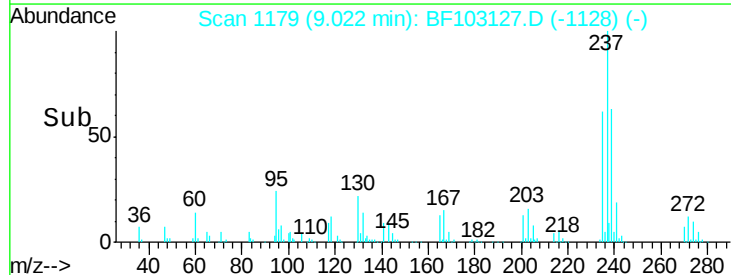
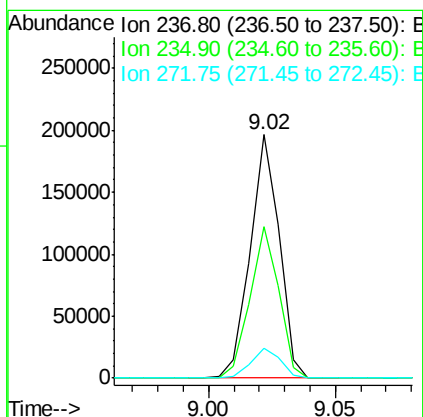
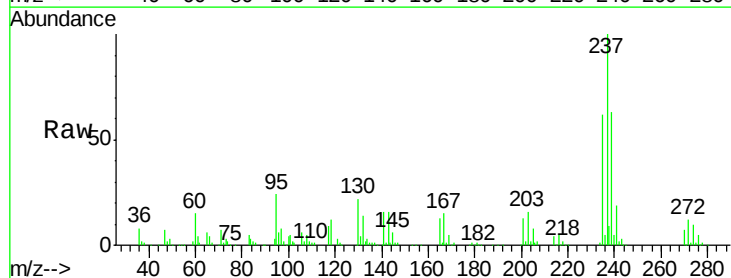
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

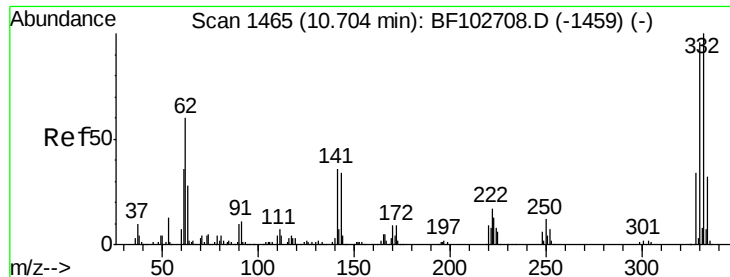
Tot Ion:216	Resp:	373737
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	23.7	18.1 27.1
108	22.5	17.2 25.8



#40
 Hexachlorocyclopentadiene
 Concen: 33.279 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:237	Resp:	156555
Ion Ratio	Lower	Upper
237	100	
235	62.2	44.8 84.8
272	12.5	0.0 33.3

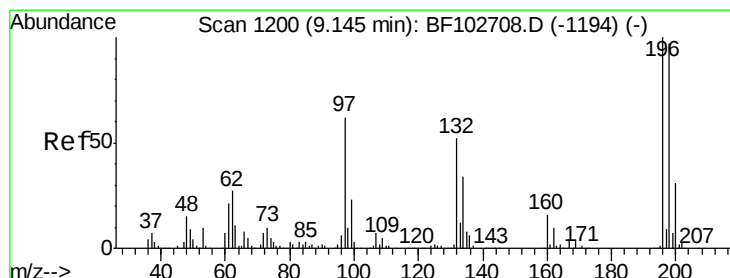
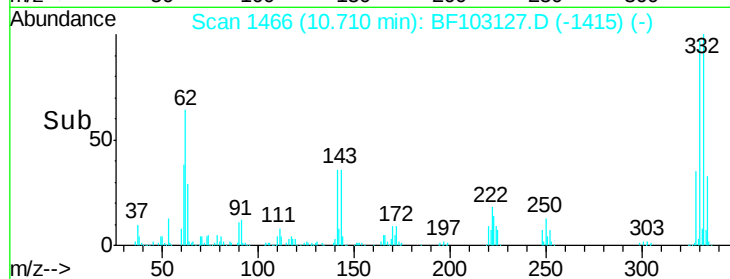
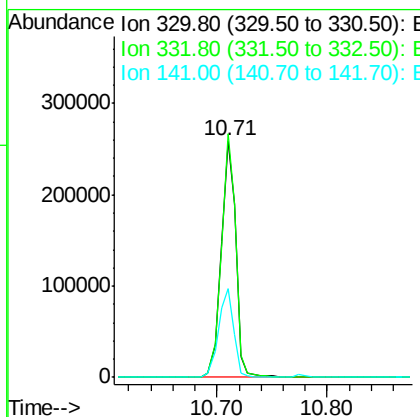
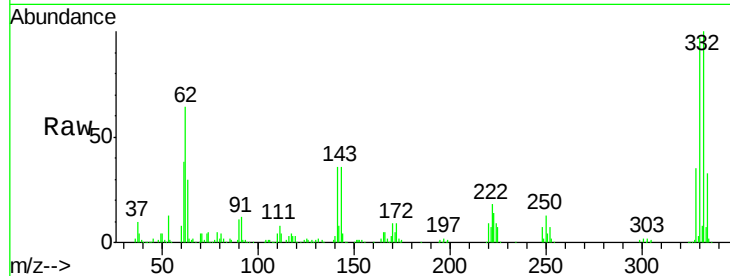




#41
 2,4,6-Tribromophenol
 Concen: 82.086 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

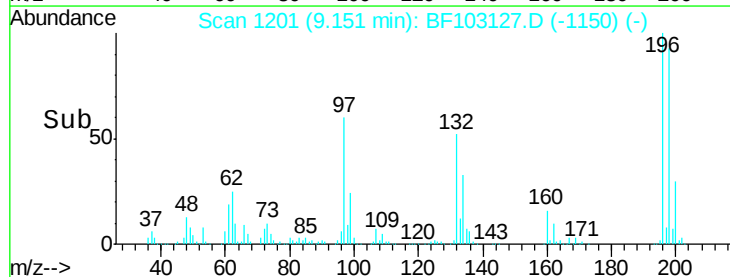
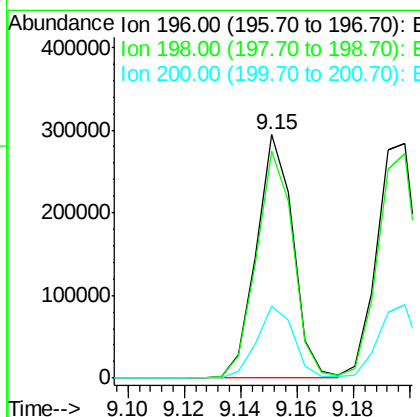
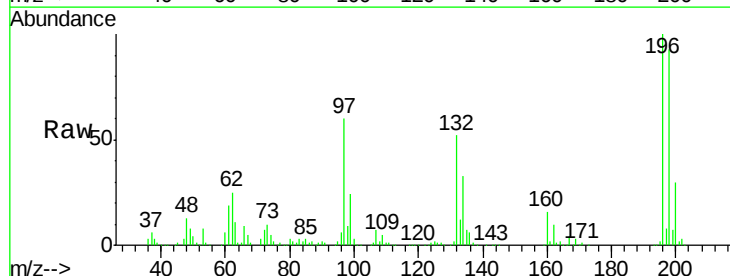
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

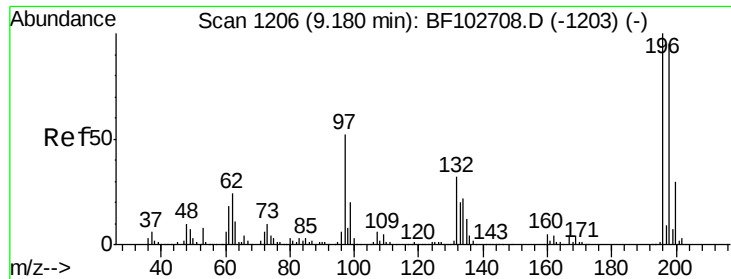
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	38.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.906 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
200	29.8	24.5	36.7

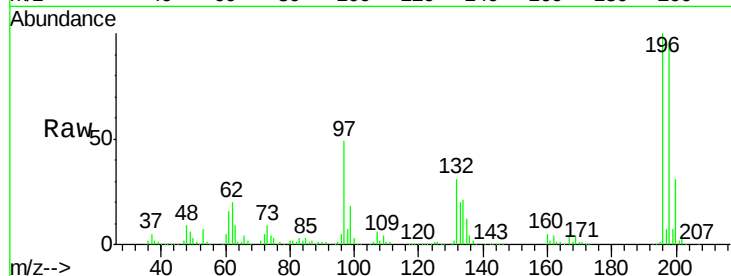




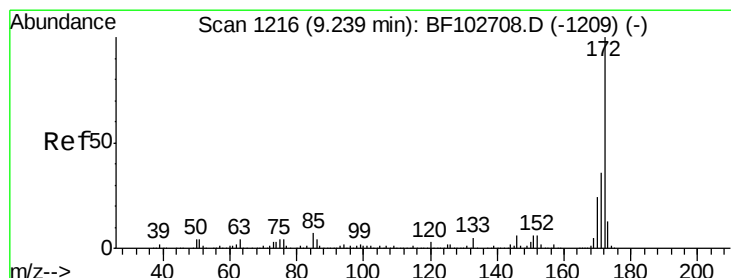
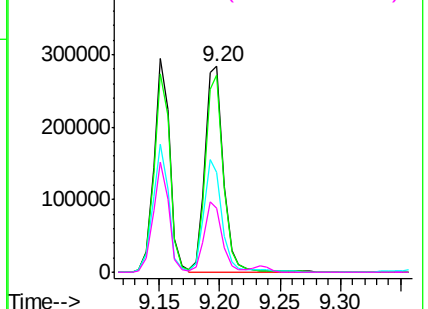
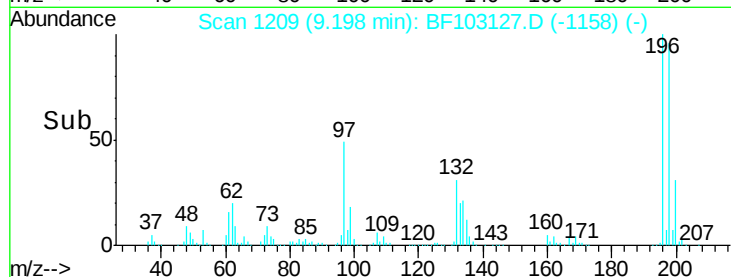
#43
 2,4,5-Trichlorophenol
 Concen: 40.985 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 300257
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 48.6 42.9 64.3
 132 31.3 26.3 39.5

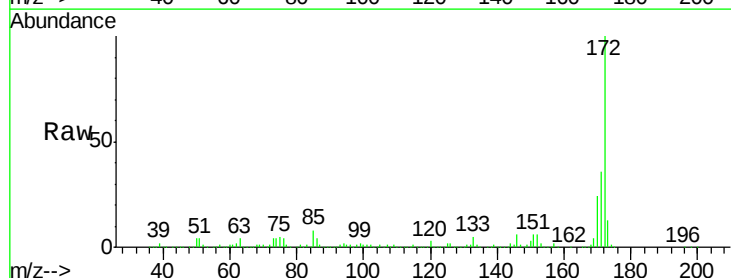


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

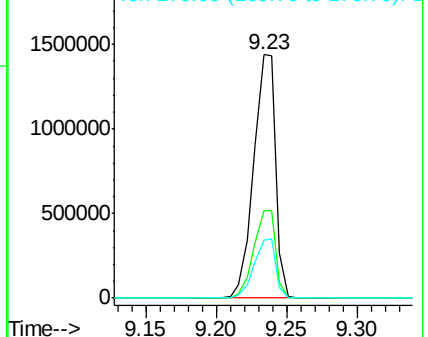
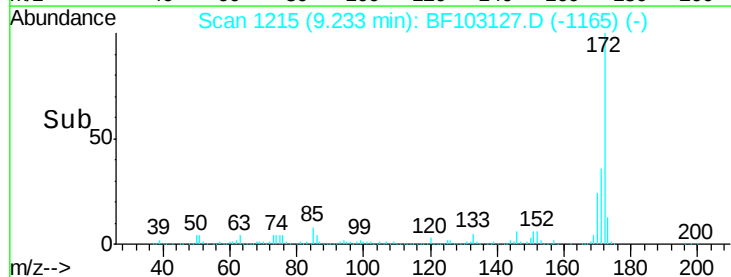


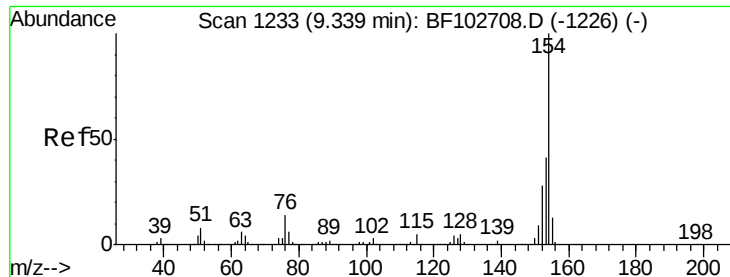
#44
 2-Fluorobiphenyl
 Concen: 72.550 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:172 Resp: 1589041
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 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: 36.253 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

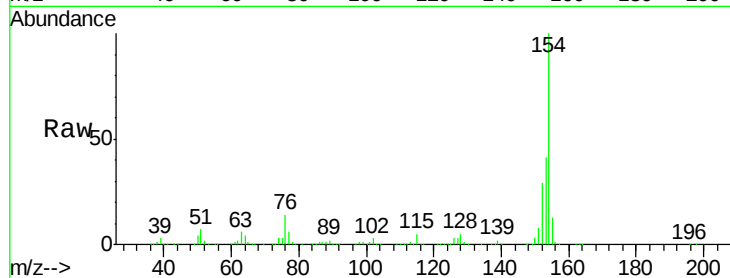
Tot Ion:154 Resp: 1109768

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

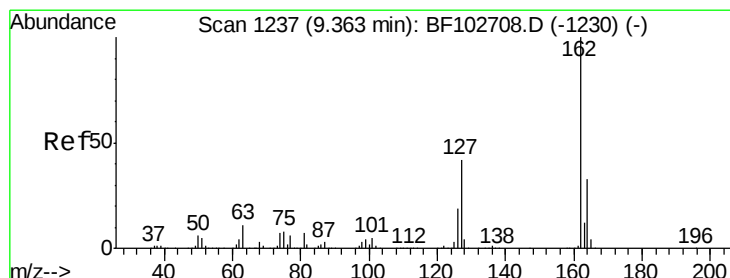
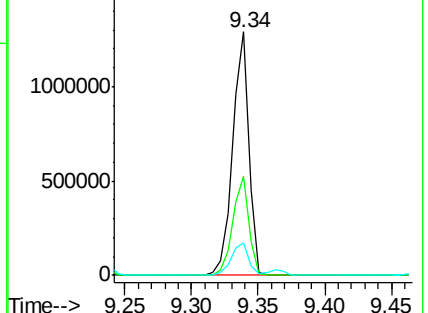
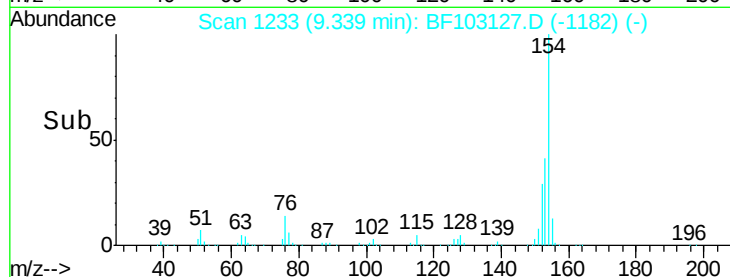
76 13.5 0.0 34.0



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: 37.449 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

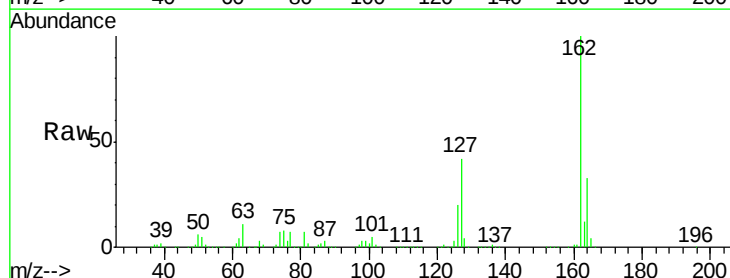
Tgt Ion:162 Resp: 902502

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

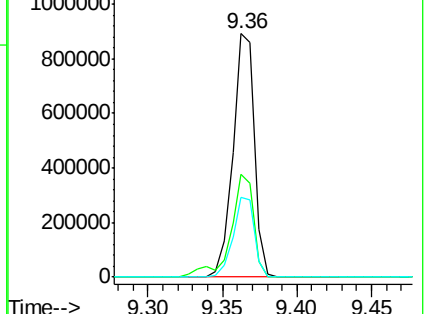
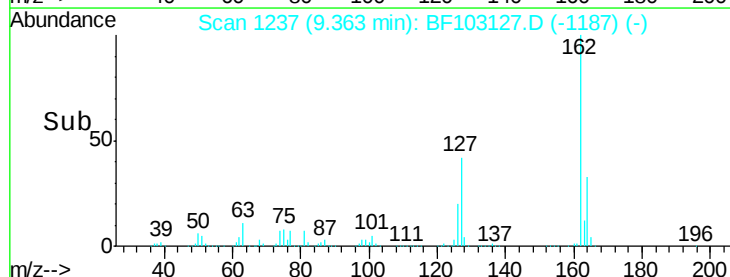
164 32.5 26.5 39.7

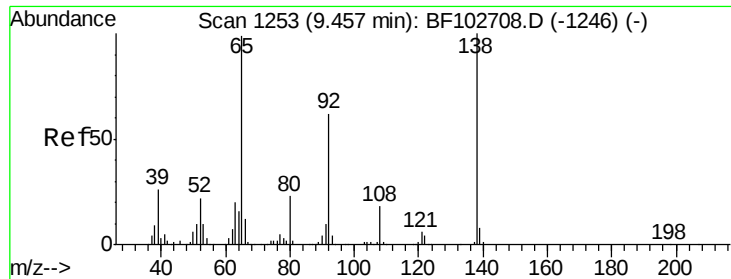


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

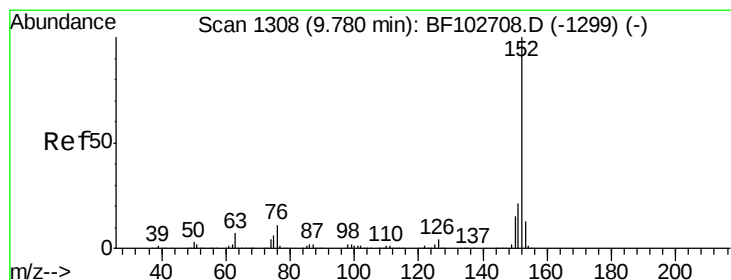
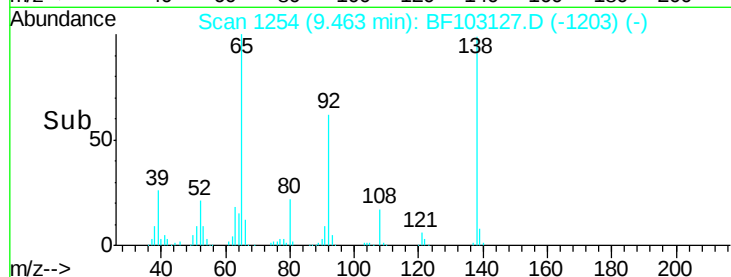
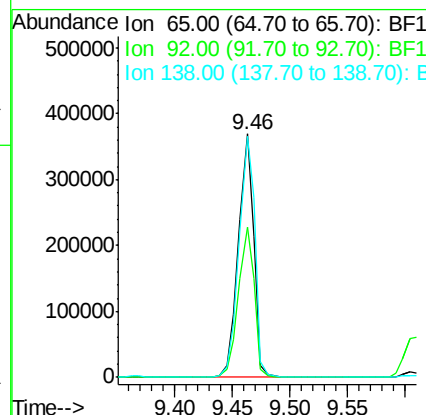
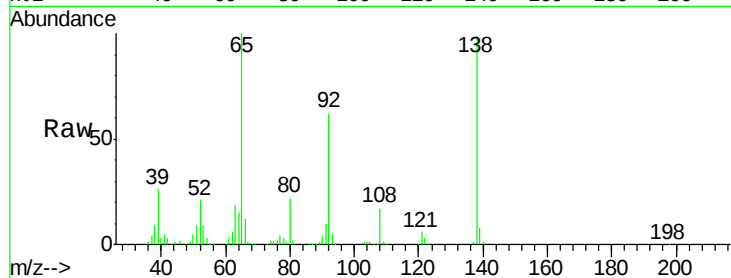




#47
2-Nitroaniline
Concen: 46.283 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

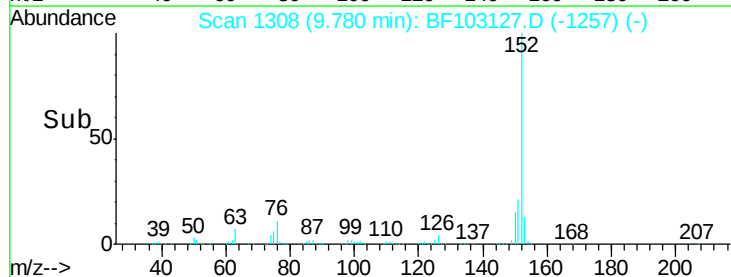
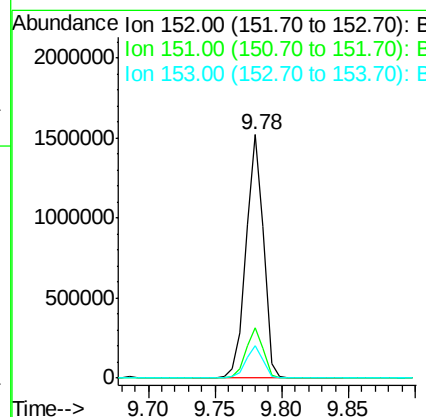
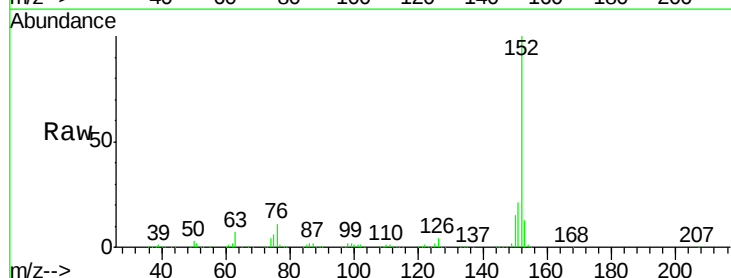
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

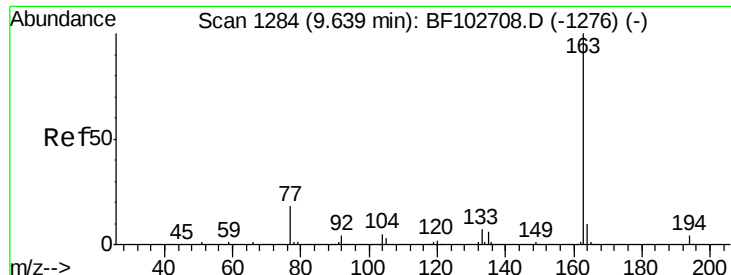
Tot Ion: 65 Resp: 343195
Ion Ratio Lower Upper
65 100
92 61.6 55.8 83.6
138 99.0 91.2 136.8



#48
Acenaphthylene
Concen: 36.661 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion: 152 Resp: 1372260
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1

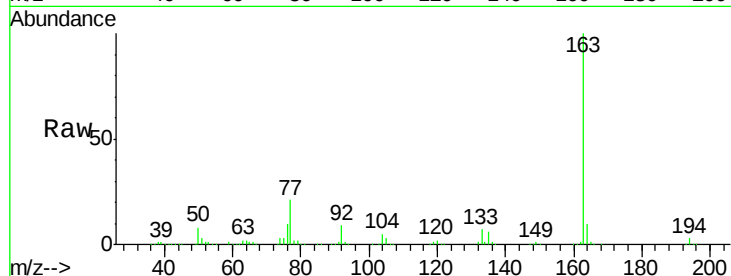




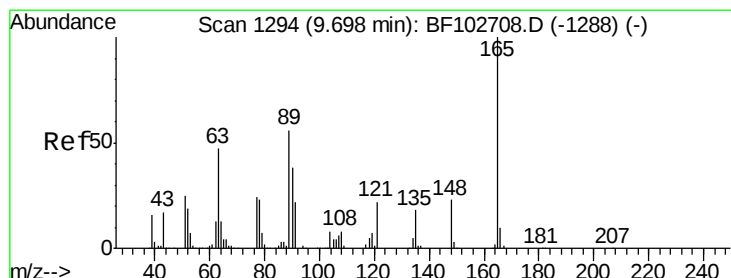
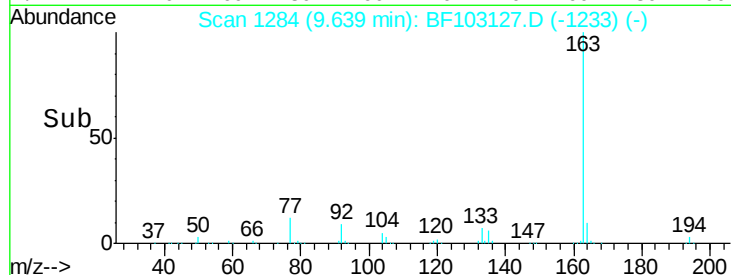
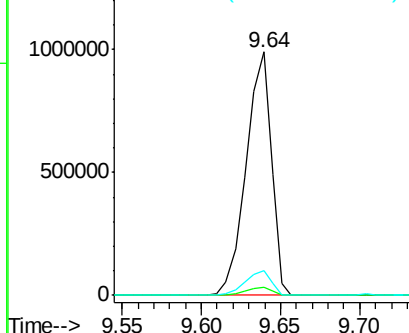
#49
Dimethylphthalate
Concen: 38.617 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1094334
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

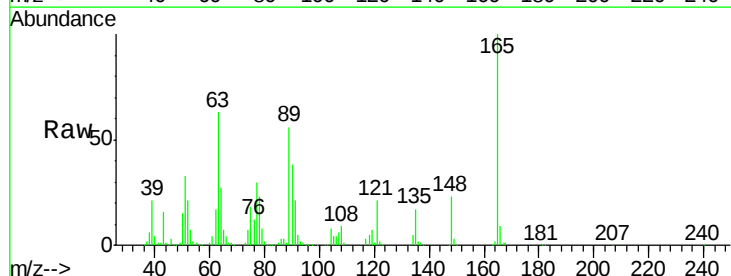


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

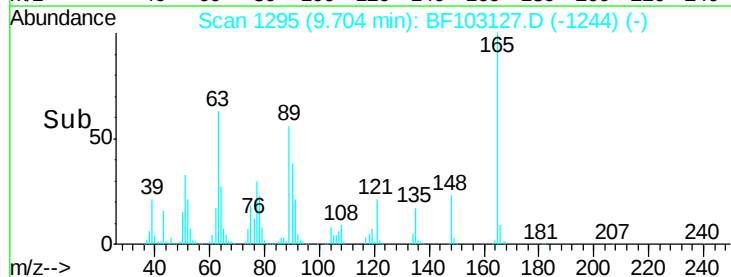
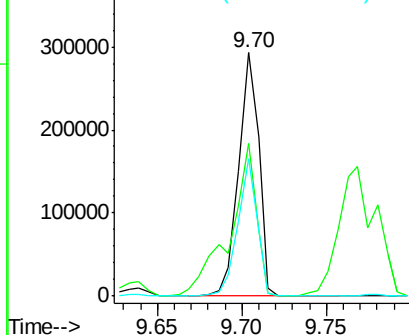


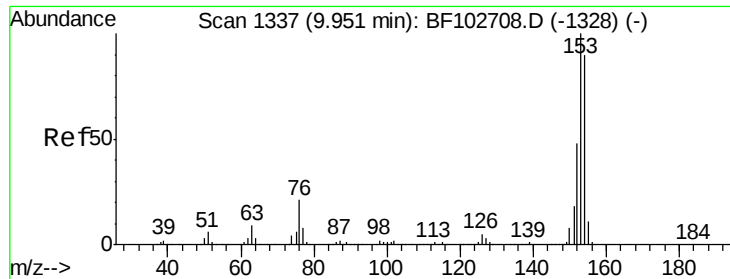
#50
2,6-Dinitrotoluene
Concen: 45.087 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:165 Resp: 243085
Ion Ratio Lower Upper
165 100
63 63.0 44.7 67.1
89 56.2 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: 35.076 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

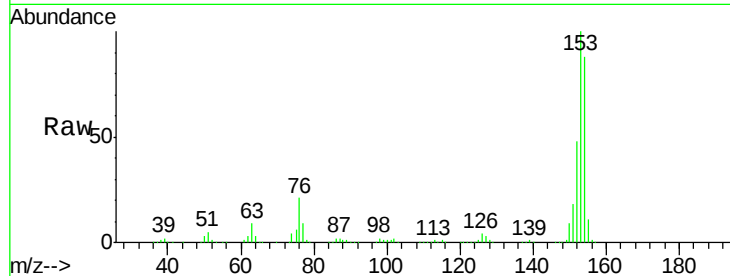
Tot Ion:154 Resp: 785169

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

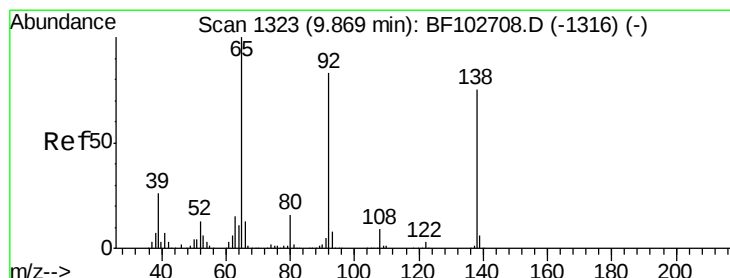
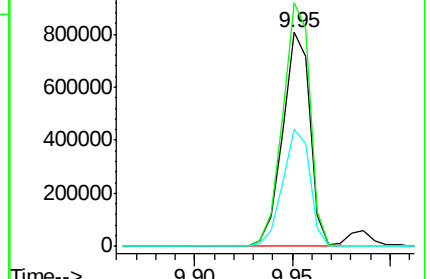
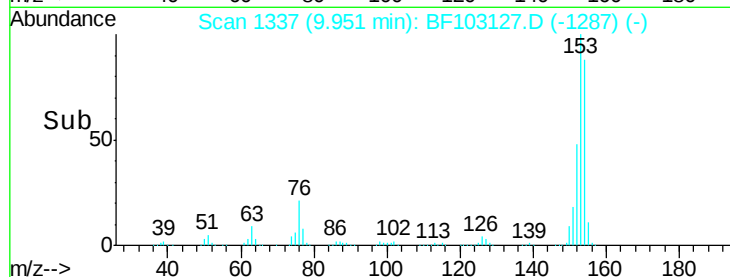
152 54.6 43.8 65.8



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: 45.428 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

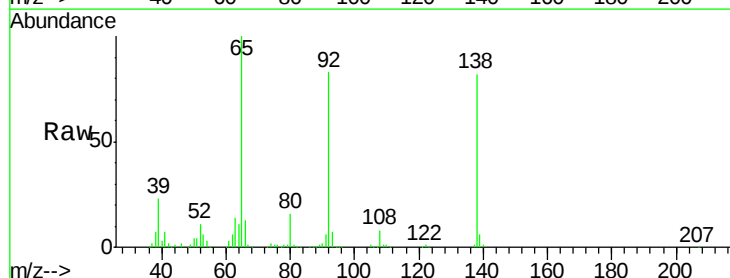
Tgt Ion:138 Resp: 301363

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

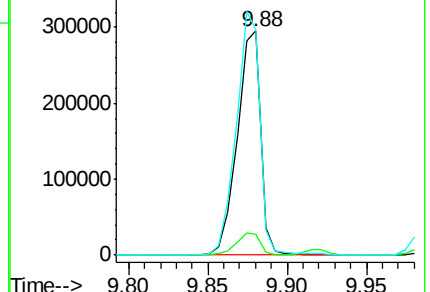
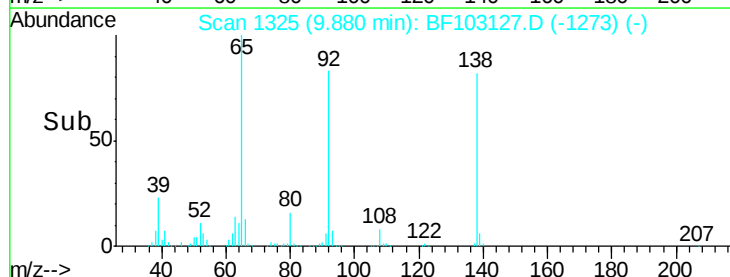
92 100.8 89.4 134.2

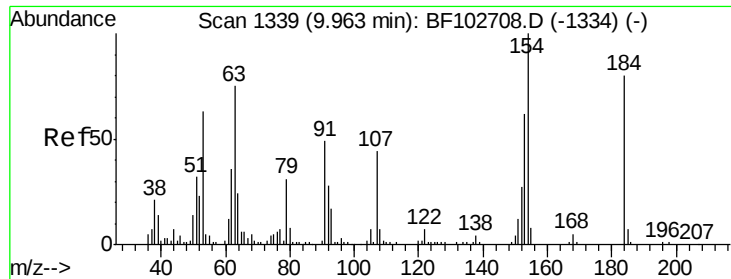


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

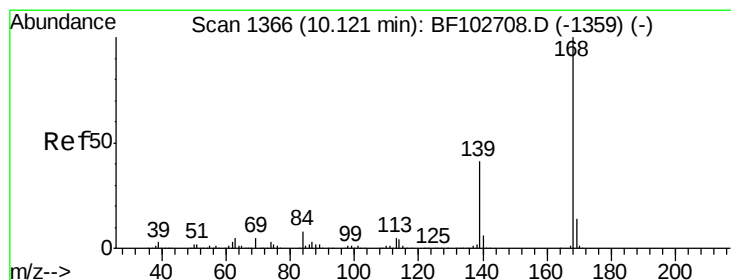
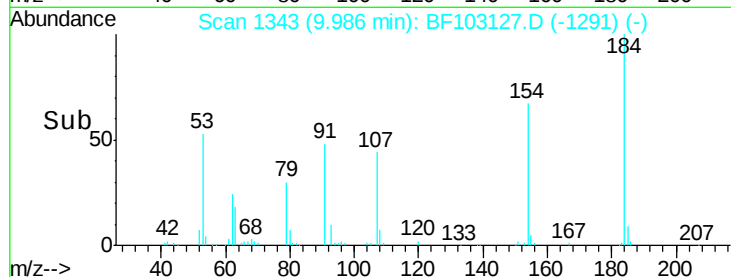
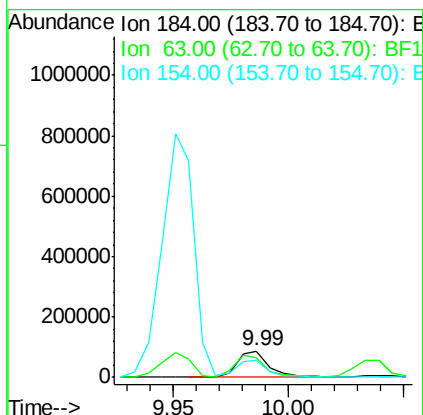
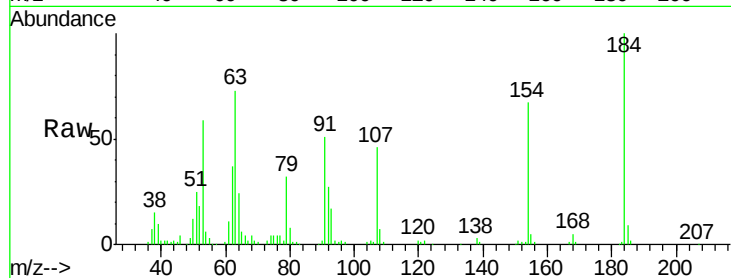




#53
 2,4-Dinitrophenol
 Concen: 58.118 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

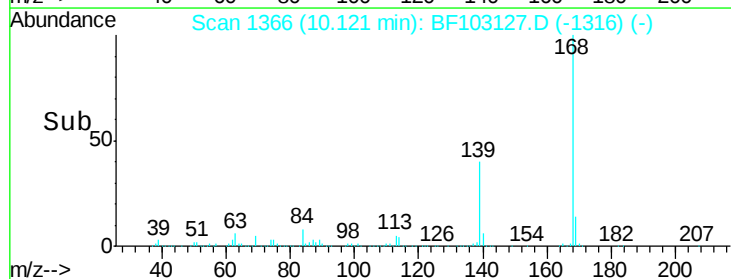
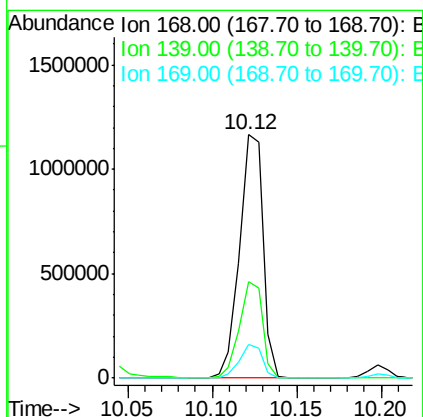
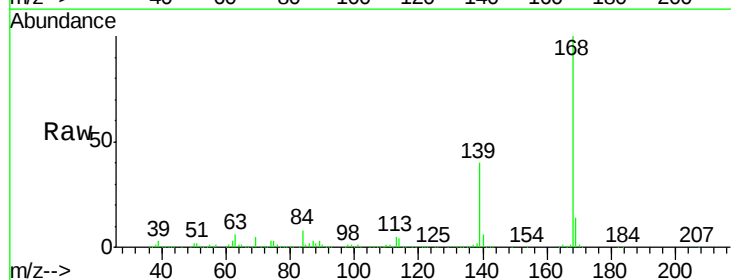
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

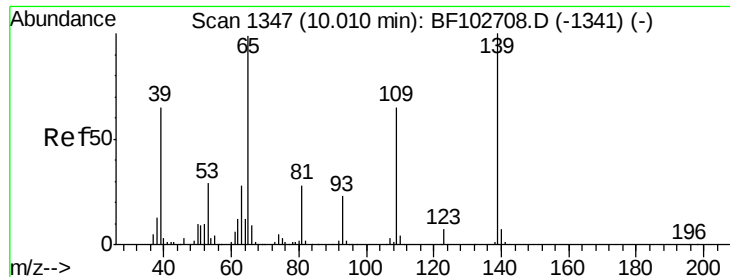
Tot Ion:184 Resp: 84375
 Ion Ratio Lower Upper
 184 100
 63 72.8 54.2 81.2
 154 67.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.966 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:168 Resp: 1134591
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 14.0 10.9 16.3

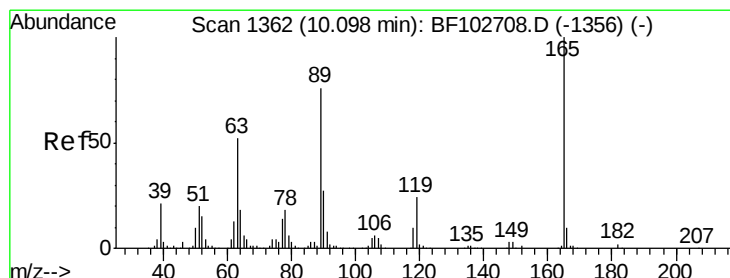
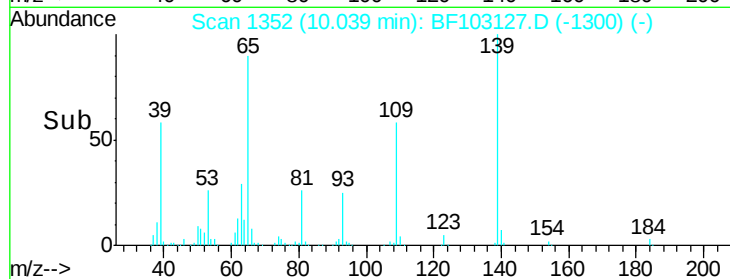
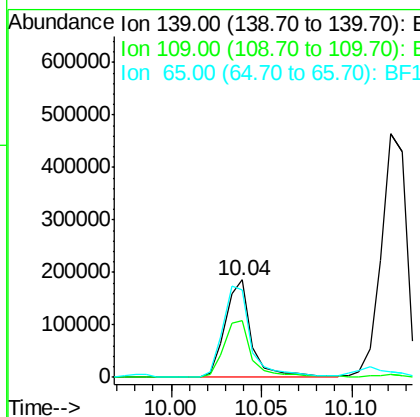
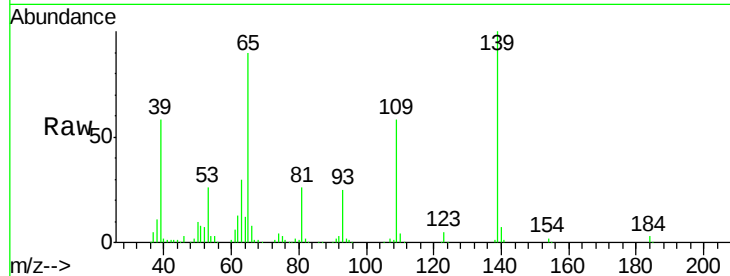




#55
4-Nitrophenol
Concen: 37.079 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

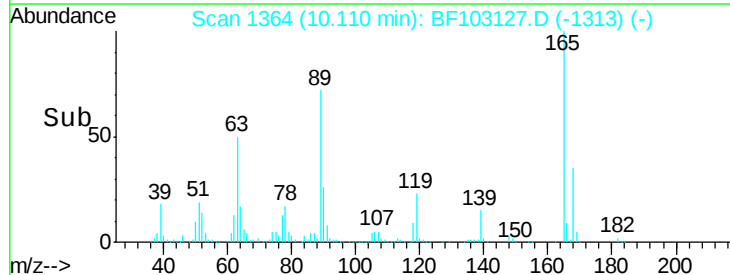
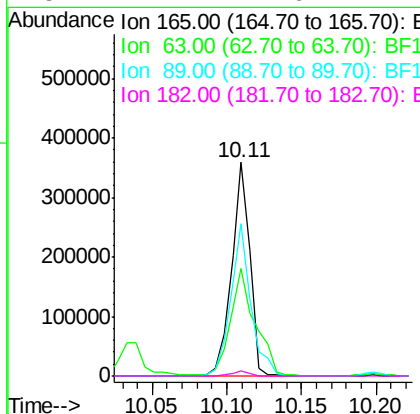
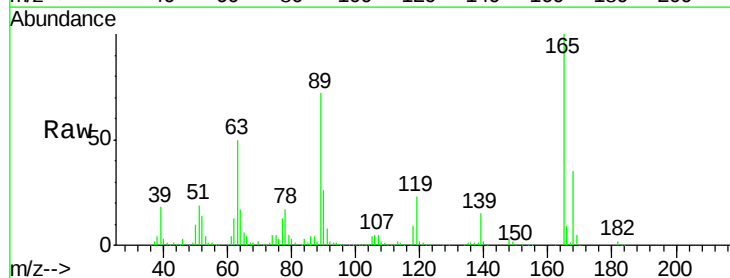
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

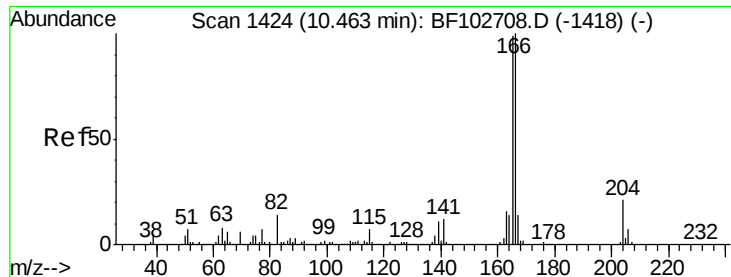
Tot Ion:139 Resp: 189745
Ion Ratio Lower Upper
139 100
109 58.4 48.4 88.4
65 89.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.200 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:165 Resp: 309991
Ion Ratio Lower Upper
165 100
63 50.4 36.4 54.6
89 71.5 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 38.703 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

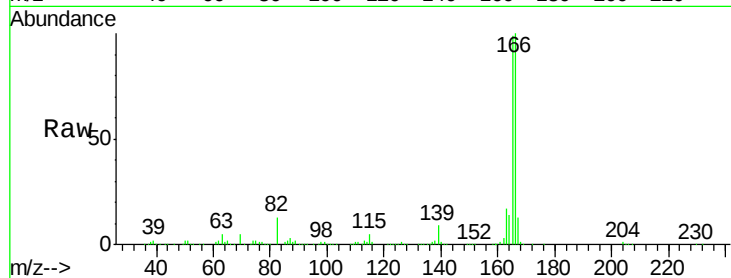
Tot Ion:166 Resp: 888324

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

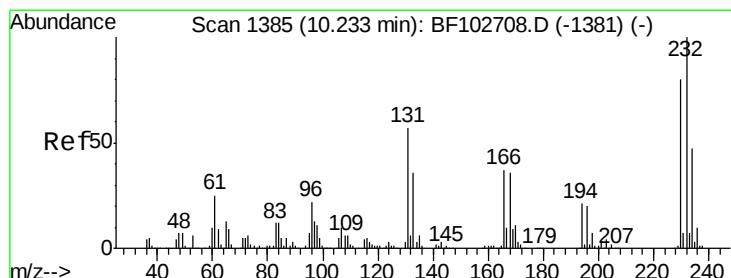
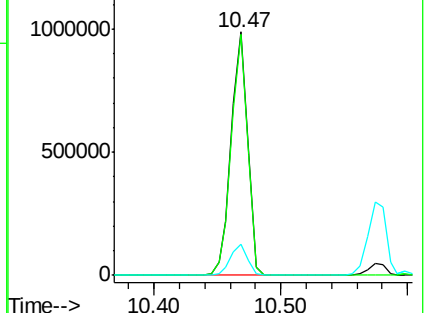
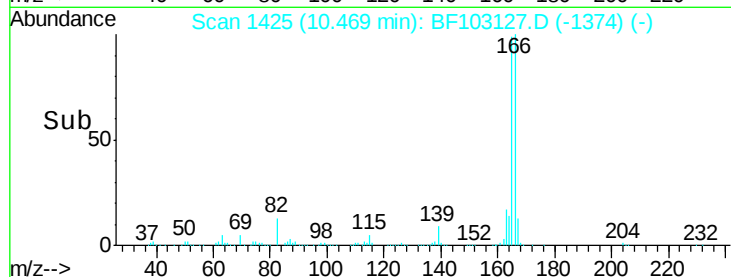
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.095 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Tgt Ion:232 Resp: 203585

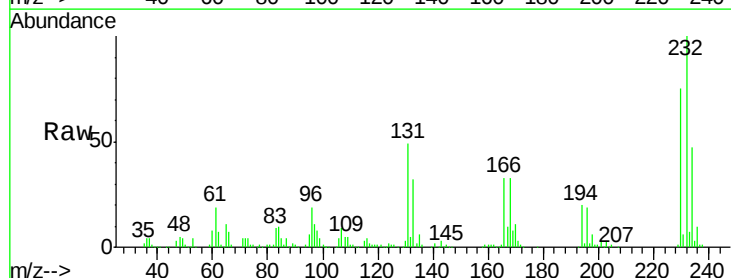
Ion Ratio Lower Upper

232 100

131 54.8 43.8 65.8

130 2.8 2.1 3.1

166 35.7 27.8 41.6

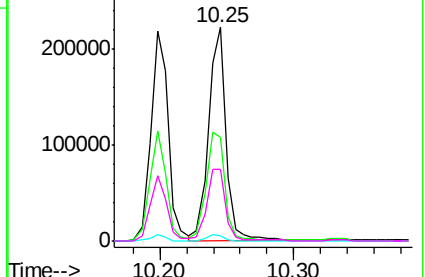
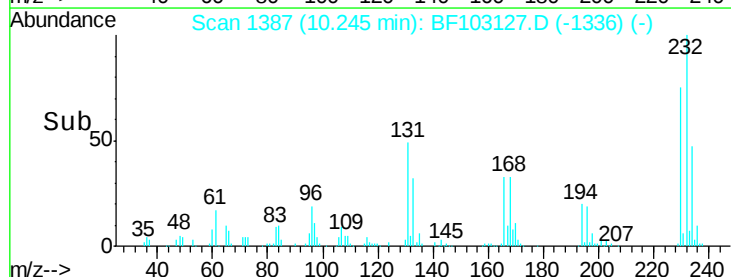


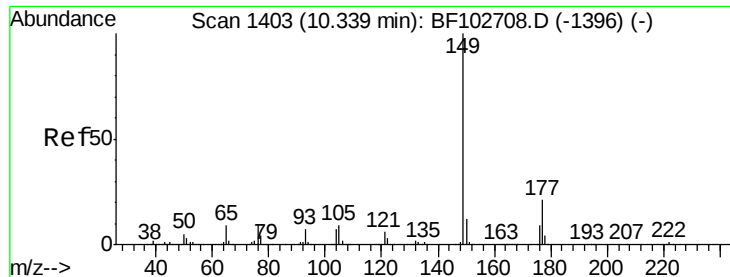
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

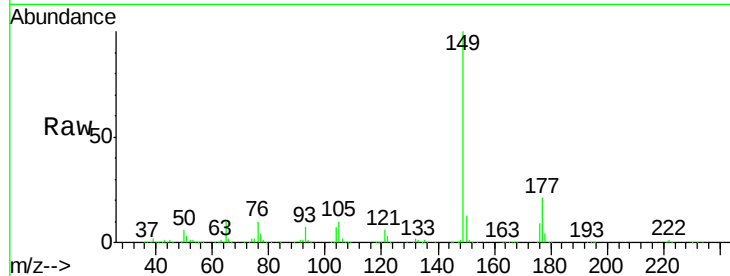




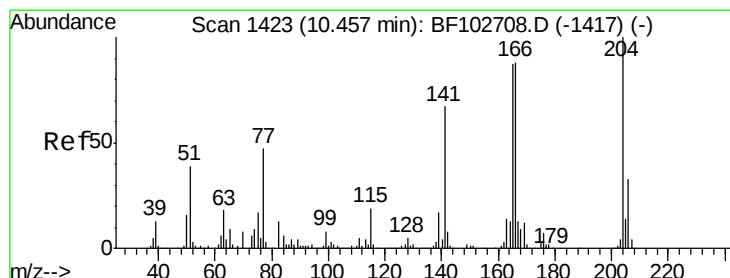
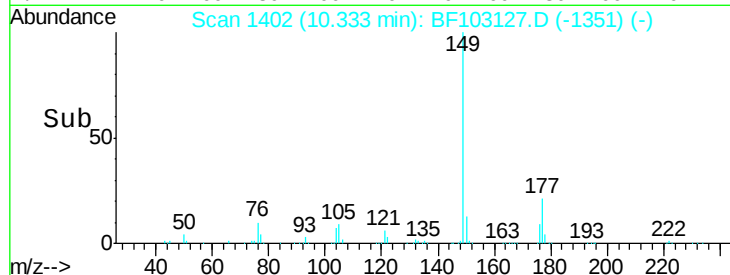
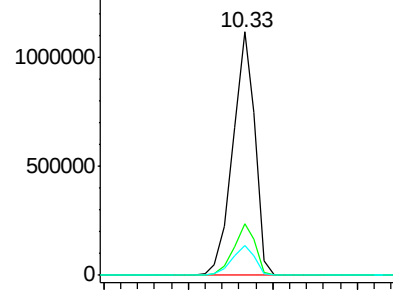
#59
Diethylphthalate
Concen: 36.612 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1024462
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1

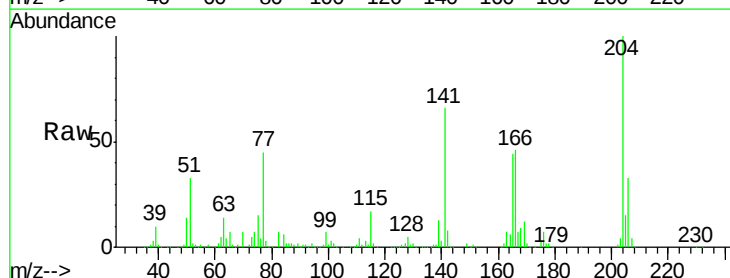


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

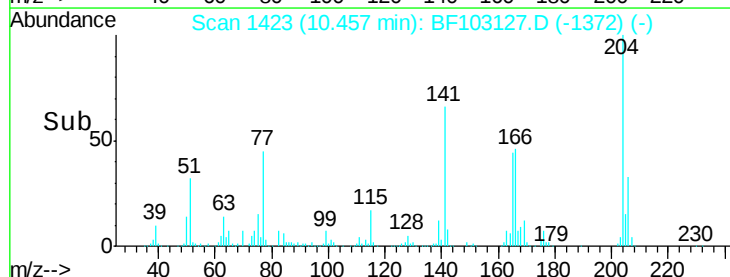
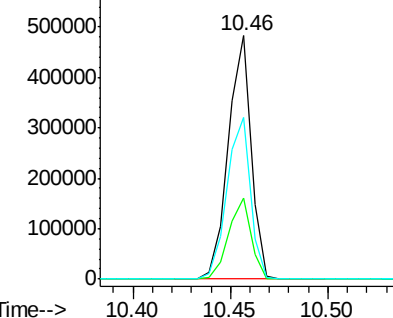


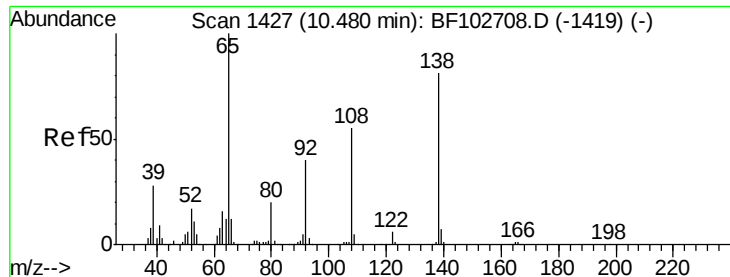
#60
4-Chlorophenyl-phenylether
Concen: 38.584 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:204 Resp: 391759
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.5 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

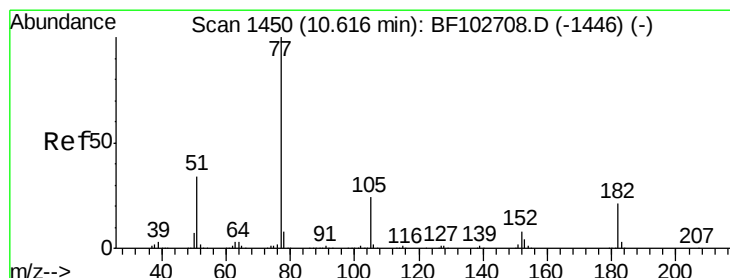
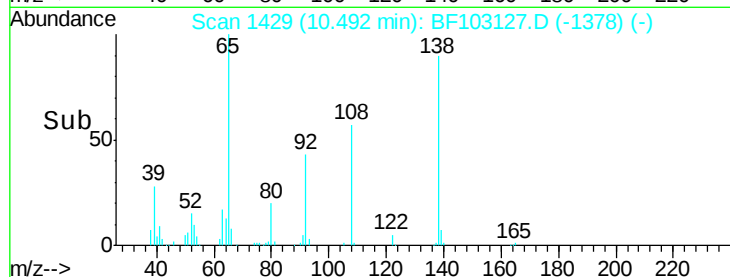
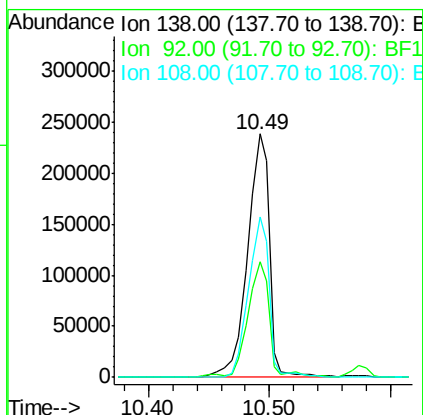
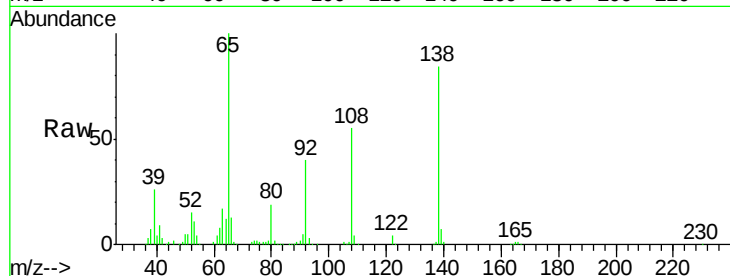




#61
4-Nitroaniline
Concen: 47.918 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

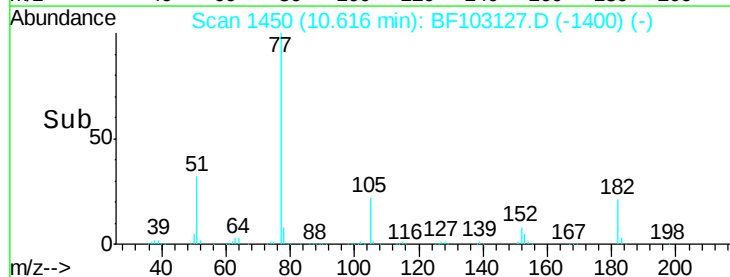
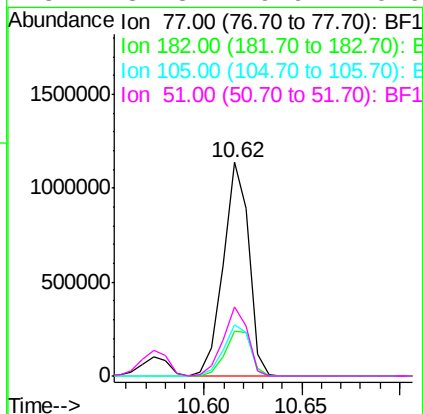
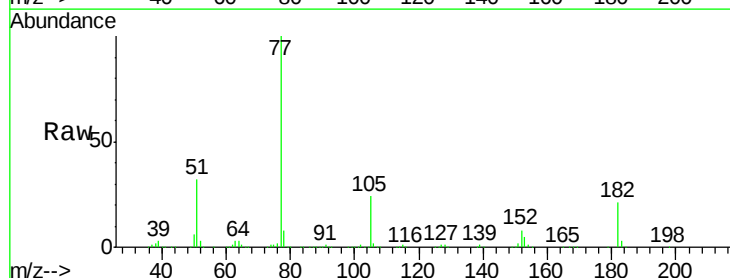
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

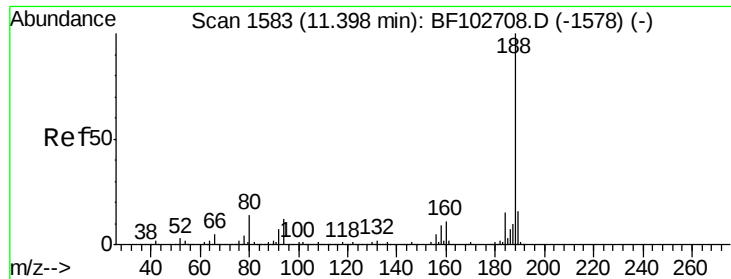
Tot Ion:138 Resp: 302575
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 65.7 52.5 92.5



#62
Azobenzene
Concen: 36.669 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion: 77 Resp: 1025025
Ion Ratio Lower Upper
77 100
182 21.0 1.7 41.7
105 24.2 3.0 43.0
51 32.3 9.9 49.9

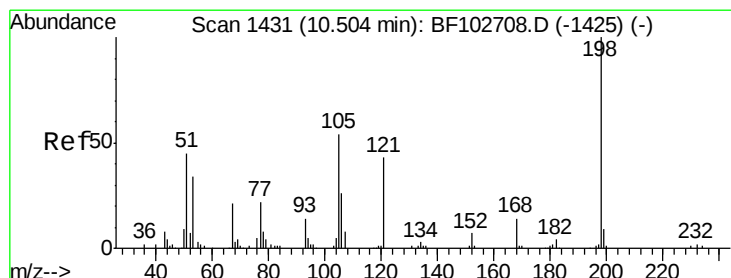
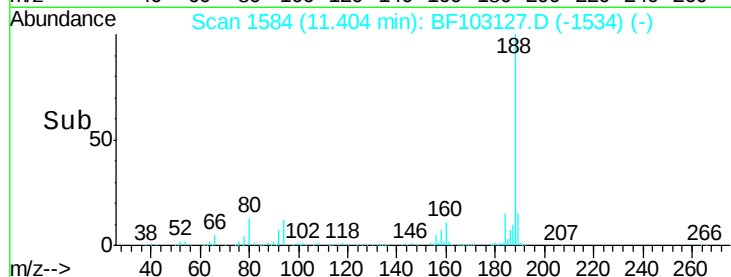
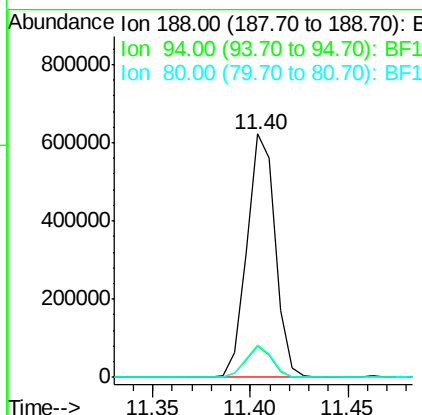
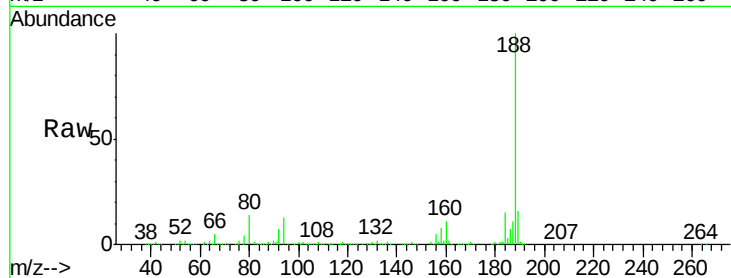




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

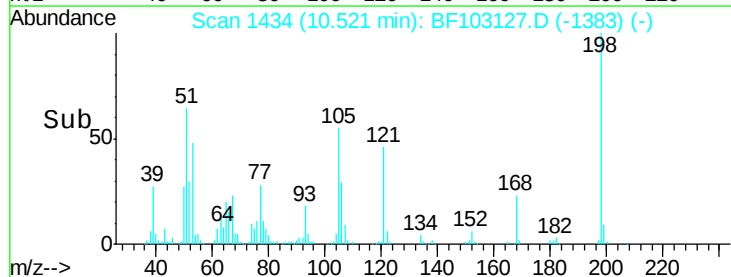
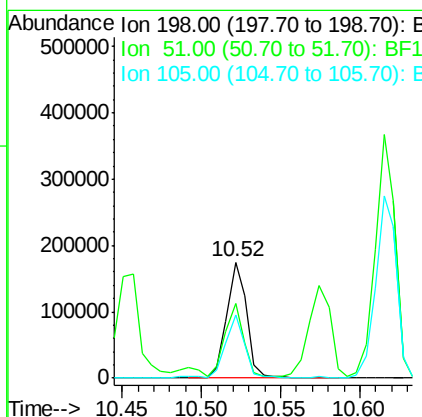
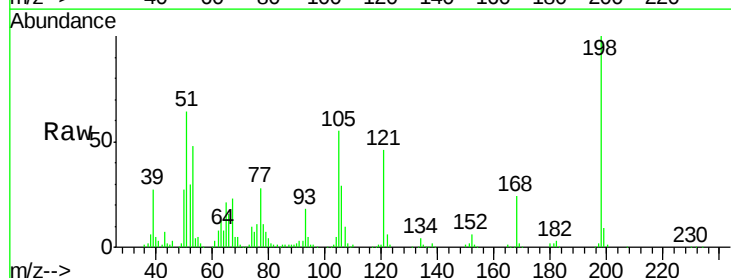
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

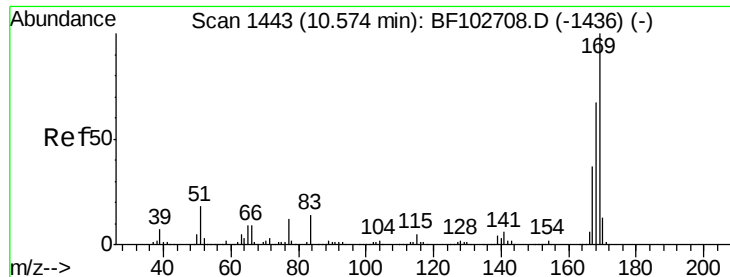
Tot Ion:188 Resp: 624315
Ion Ratio Lower Upper
188 100
94 12.8 8.5 12.7#
80 13.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 55.854 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:198 Resp: 153242
Ion Ratio Lower Upper
198 100
51 64.0 37.7 77.7
105 55.1 36.3 76.3

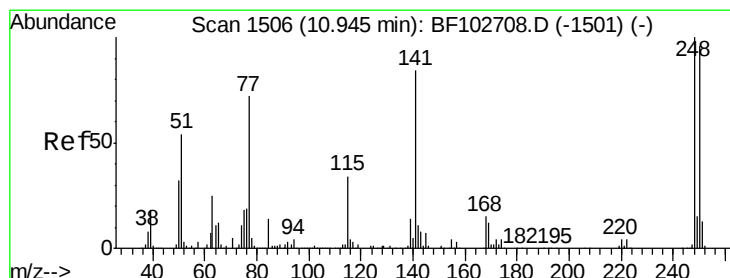
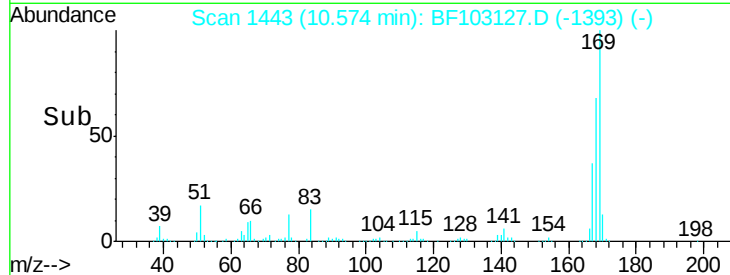
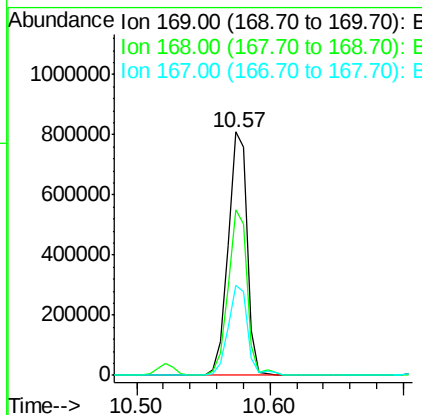
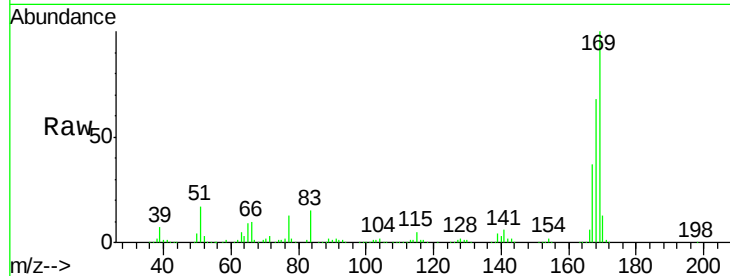




#65
 n-Nitrosodiphenylamine
 Concen: 36.957 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

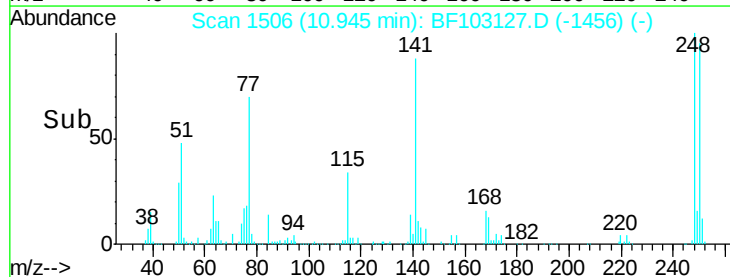
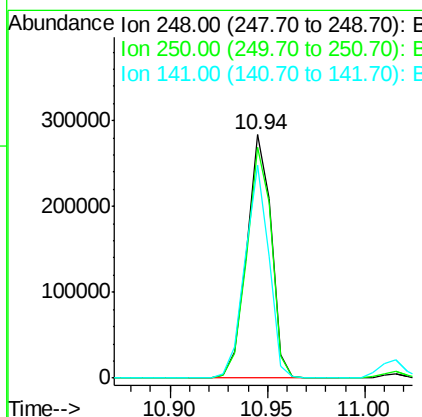
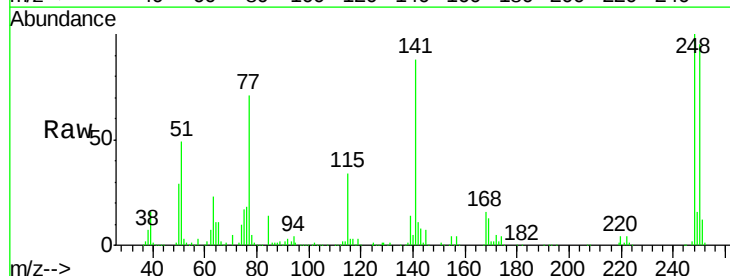
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

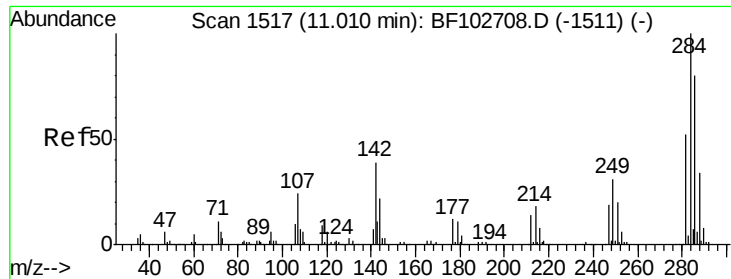
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.474 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.9	115.3
141	87.6	74.4	111.6

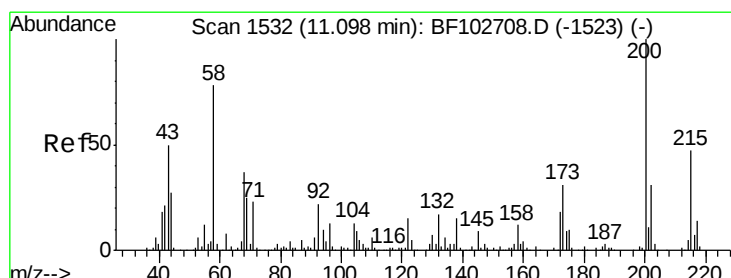
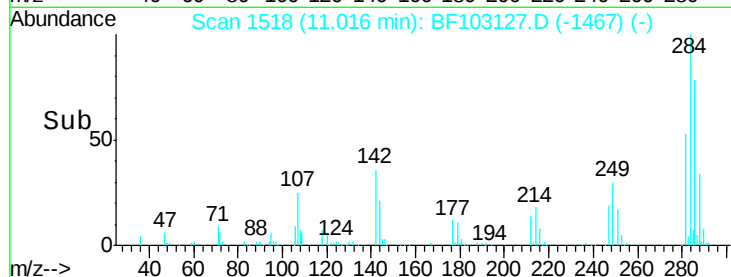
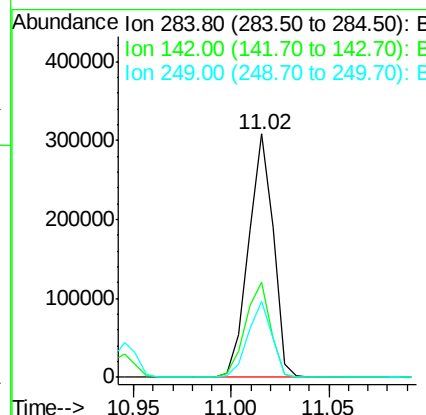
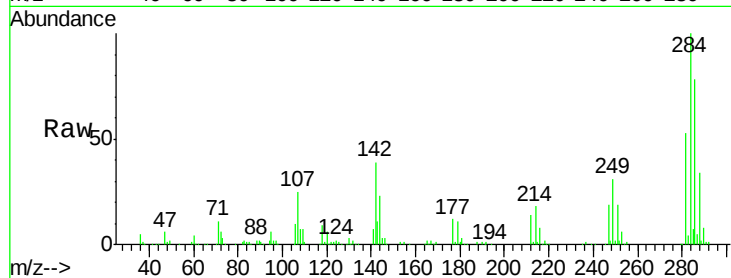




#67
Hexachlorobenzene
Concen: 37.175 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

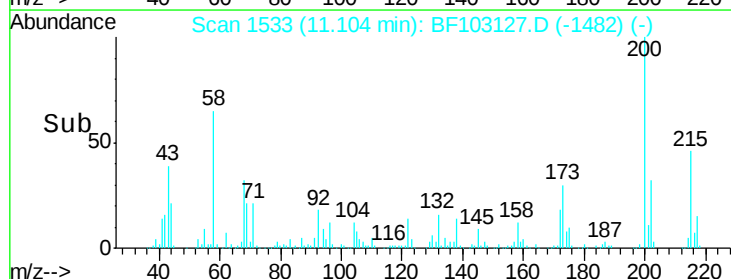
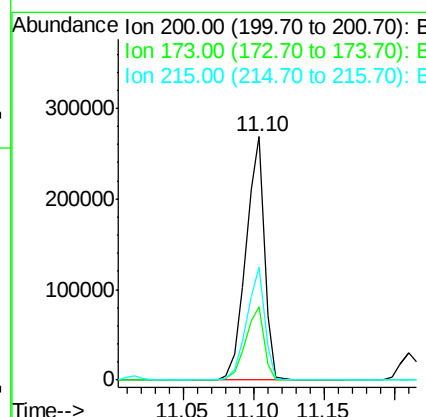
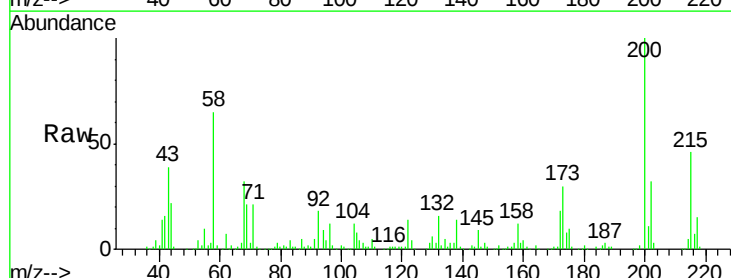
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

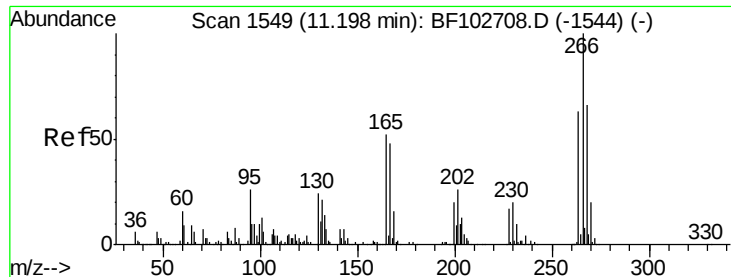
Tot Ion:284 Resp: 270839
Ion Ratio Lower Upper
284 100
142 39.0 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 37.770 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:200 Resp: 245378
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 46.3 25.1 65.1

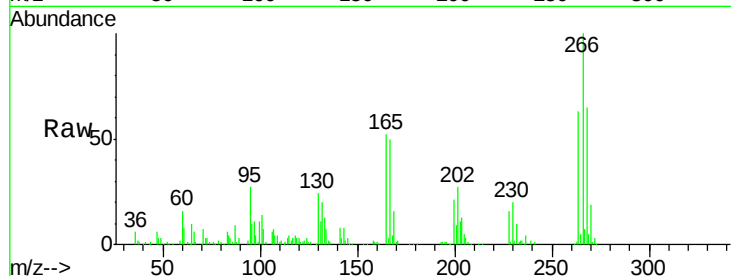




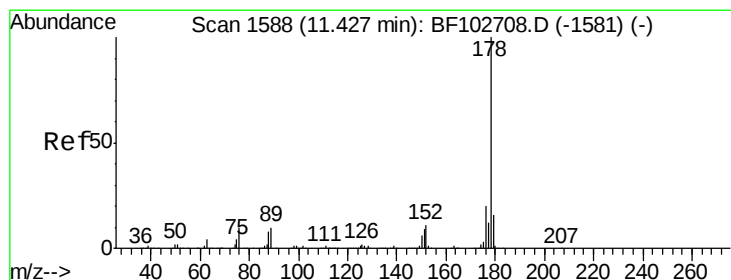
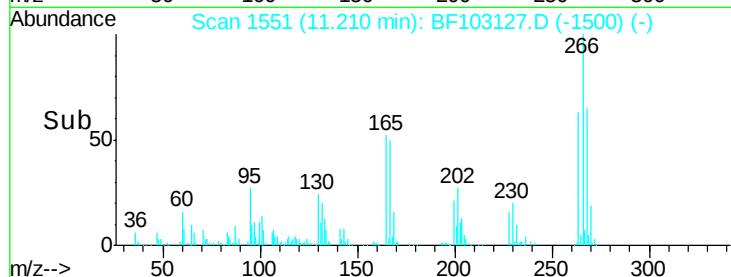
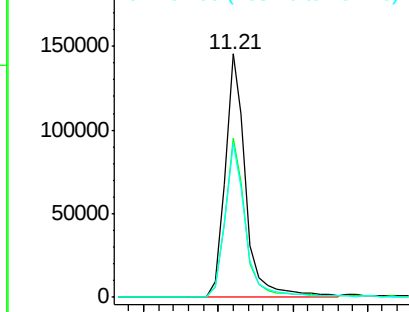
#69
 Pentachlorophenol
 Concen: 33.377 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 142744
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 63.1 49.5 74.3

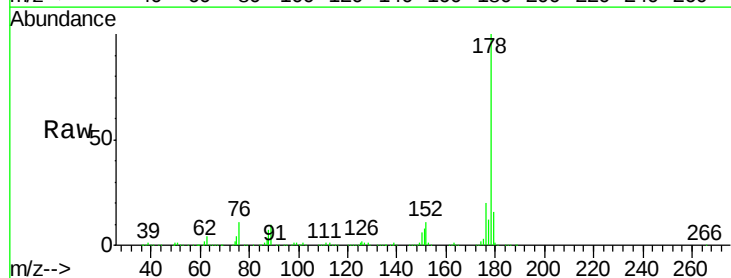


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

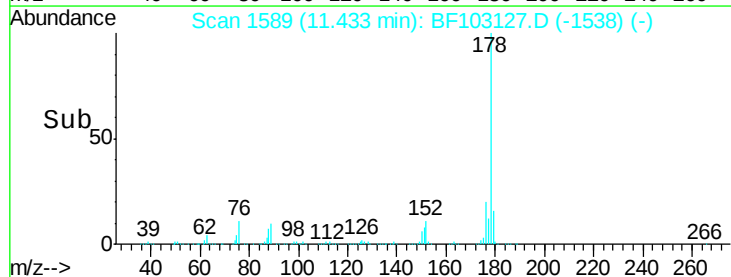
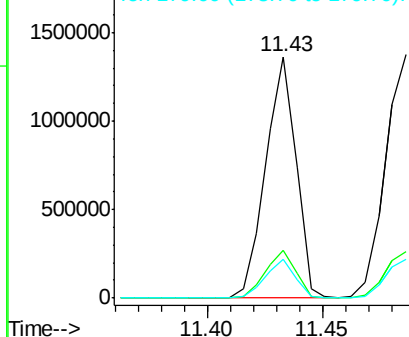


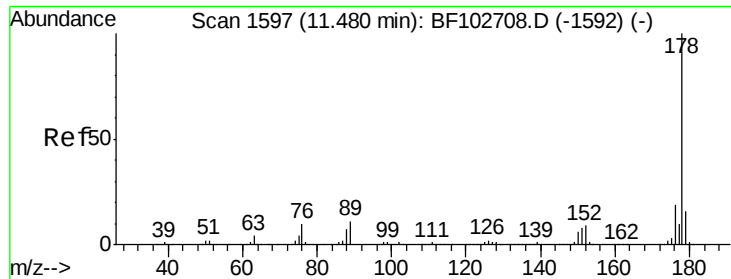
#70
 Phenanthrene
 Concen: 35.916 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:178 Resp: 1248805
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.0 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

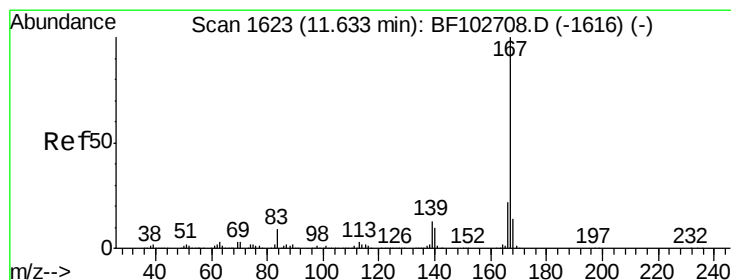
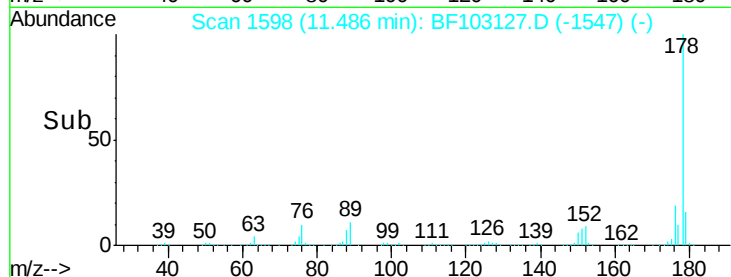
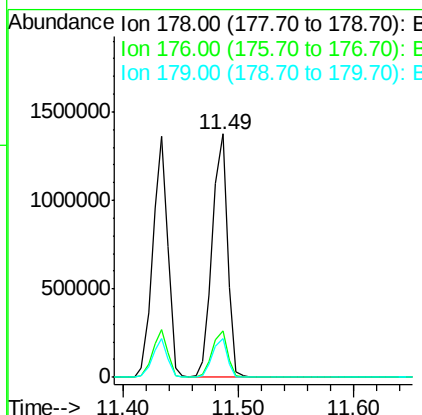
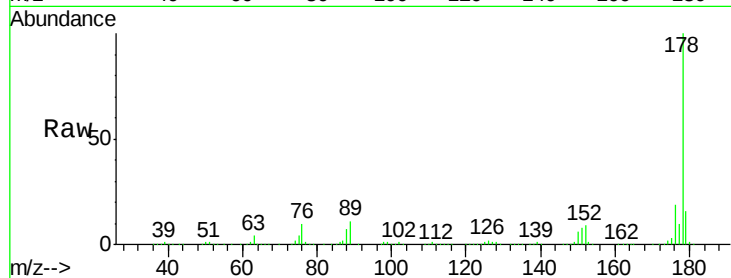




#71
 Anthracene
 Concen: 35.899 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

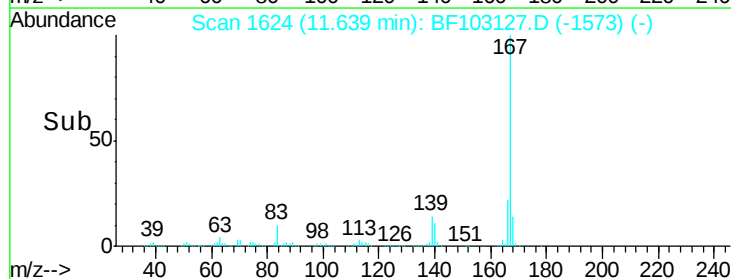
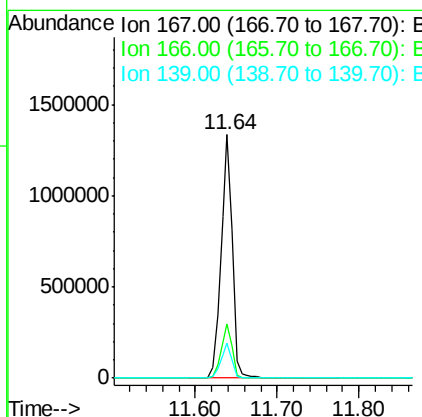
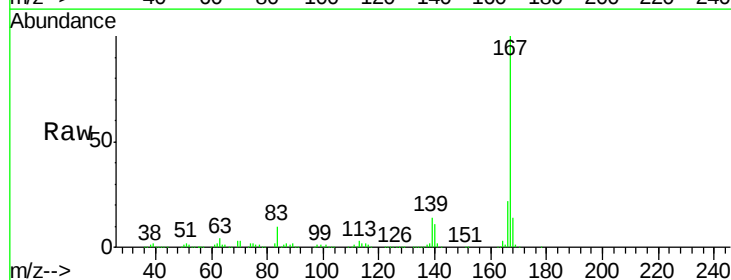
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

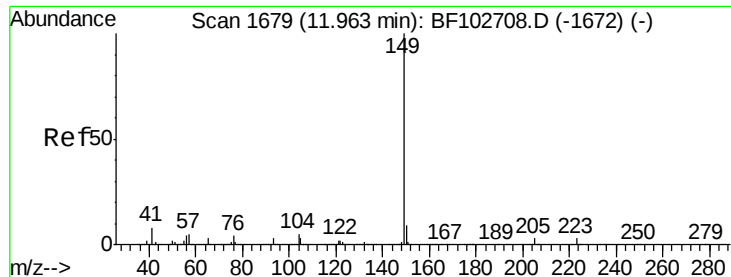
Tot Ion:178 Resp: 1269556
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 36.943 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:167 Resp: 1279953
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.553 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

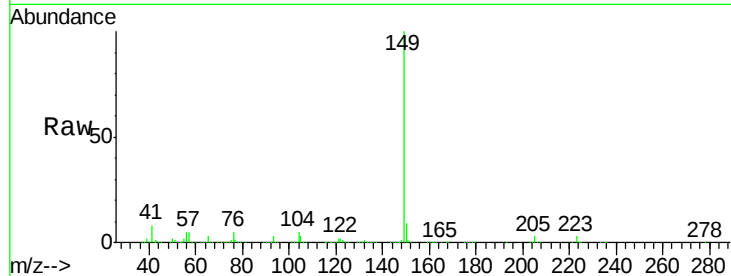
Tot Ion:149 Resp: 1622533

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

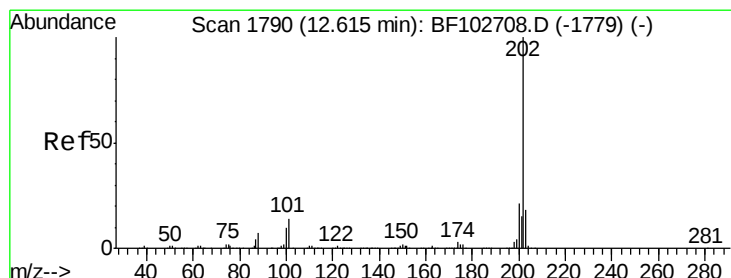
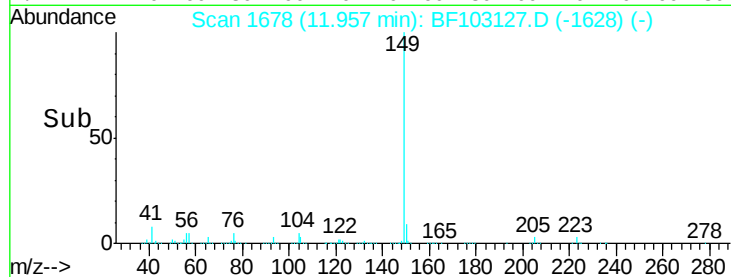
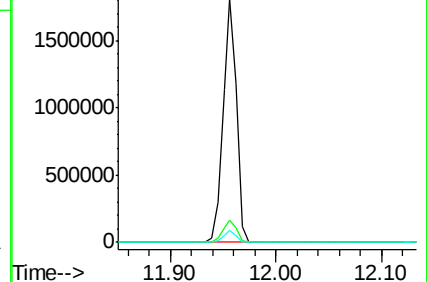
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.300 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

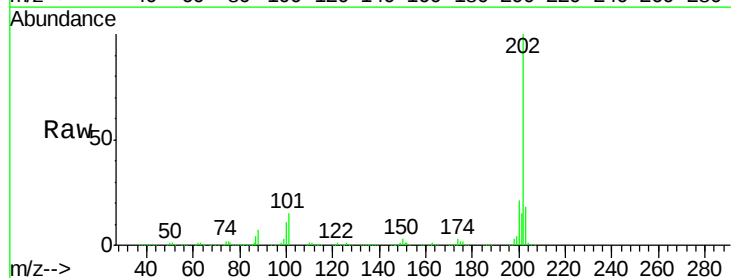
Tgt Ion:202 Resp: 1269890

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

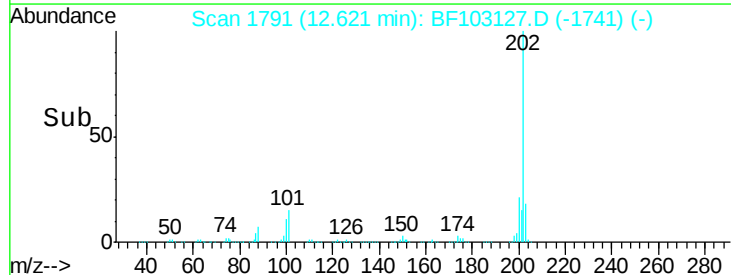
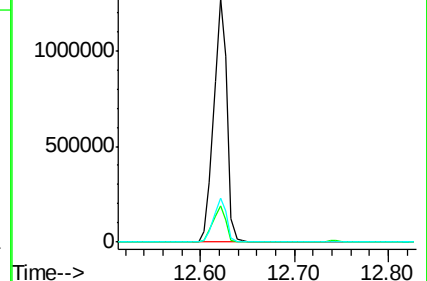
203 17.9 0.0 38.1

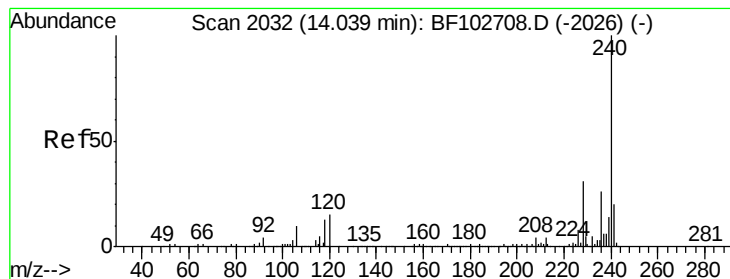


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

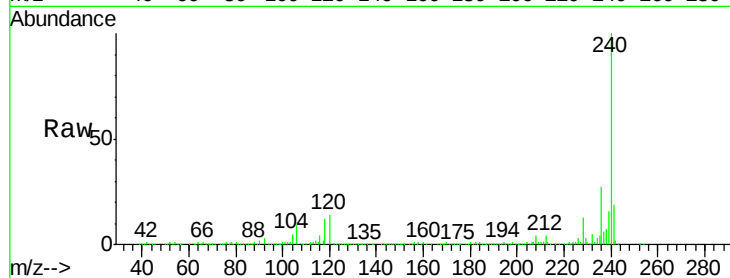
Tot Ion:240 Resp: 440717

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

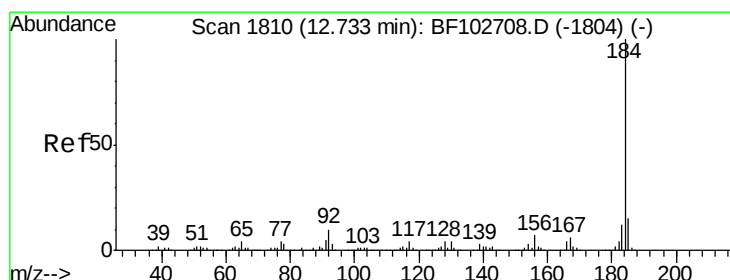
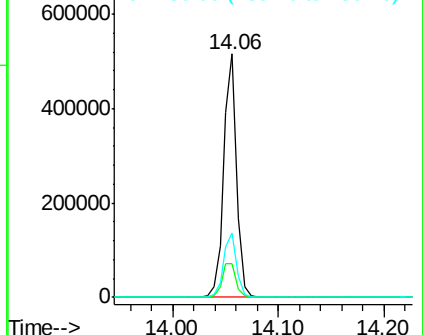
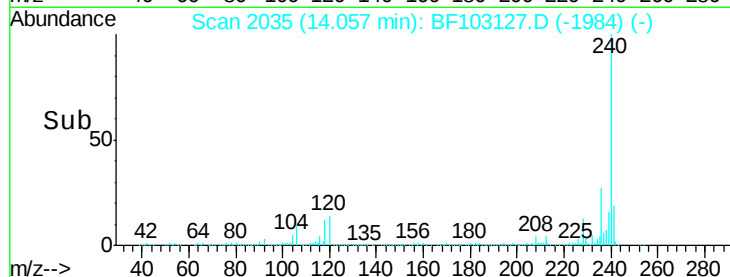
236 26.6 20.7 31.1



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: 41.069 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

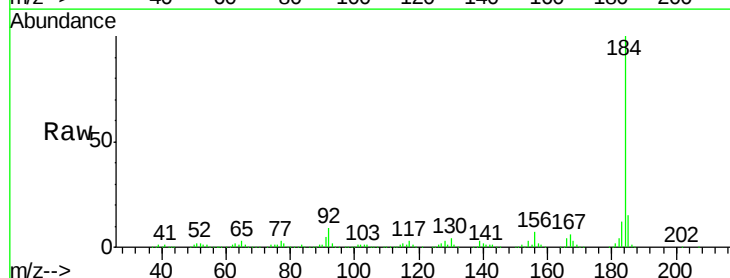
Tgt Ion:184 Resp: 831870

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

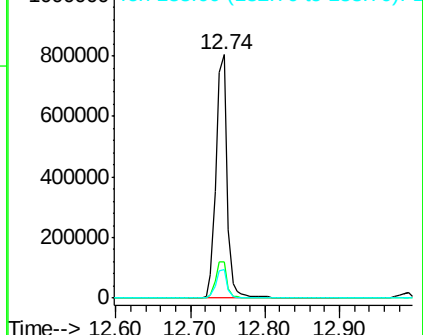
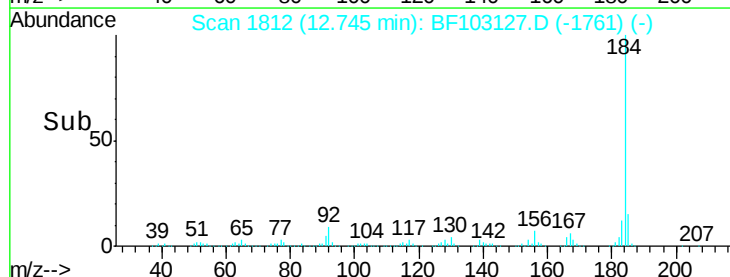
183 11.9 9.3 13.9

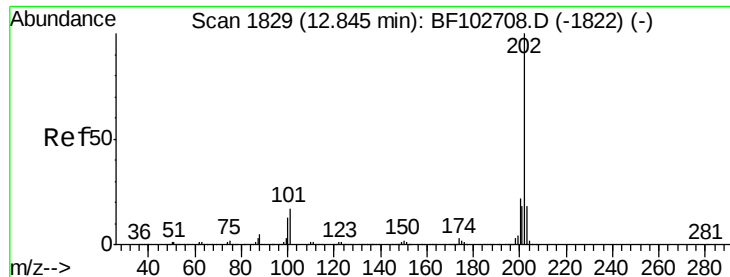


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.256 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

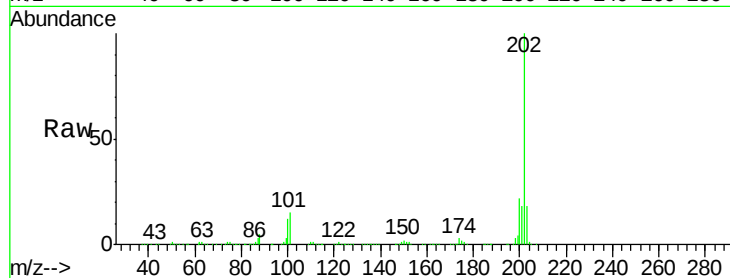
Tot Ion:202 Resp: 1287530

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

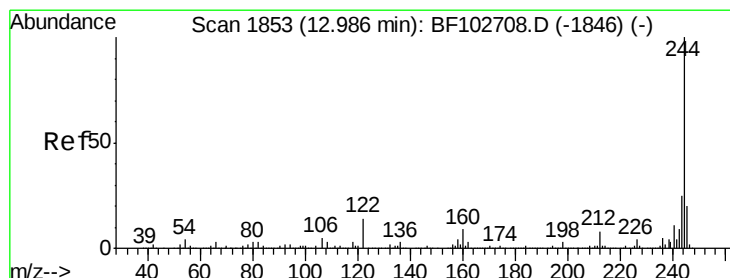
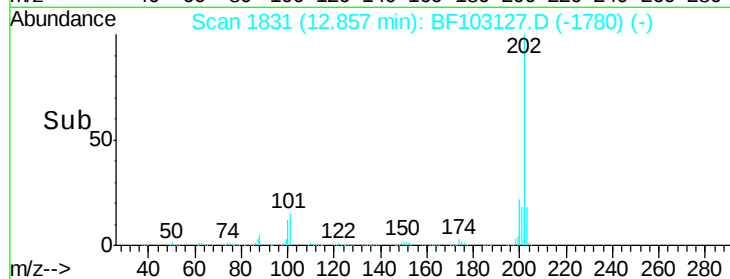
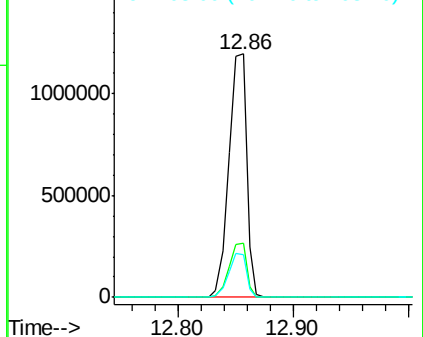
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.220 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

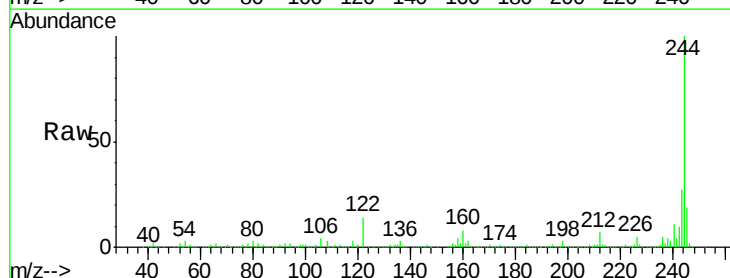
Tgt Ion:244 Resp: 1307011

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

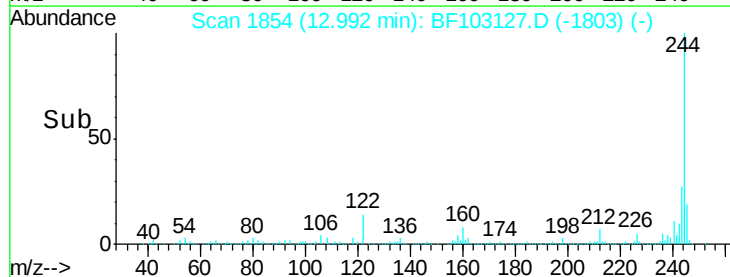
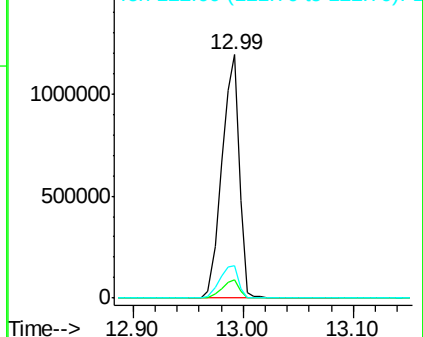
122 13.5 11.0 16.4

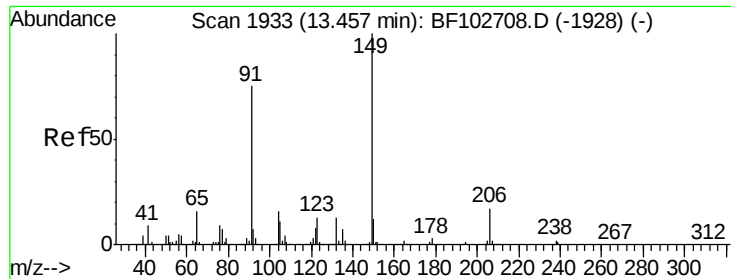


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

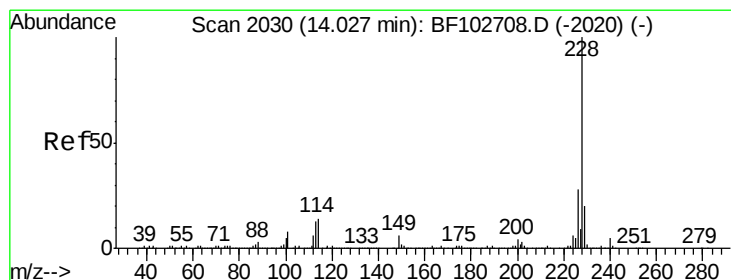
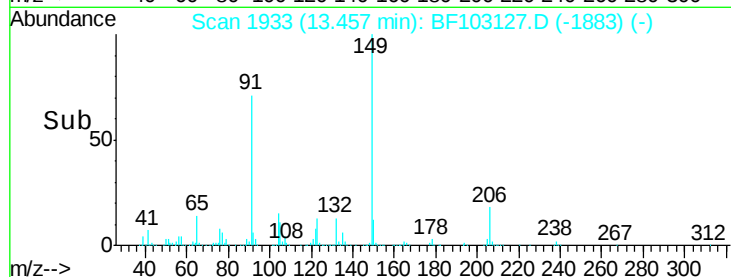
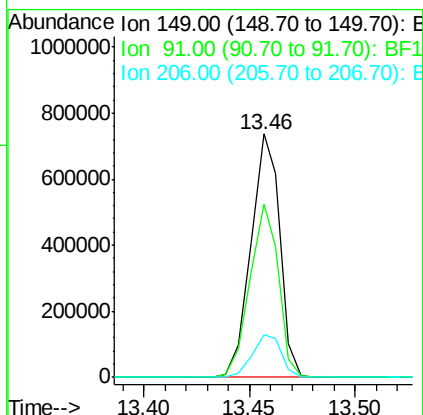
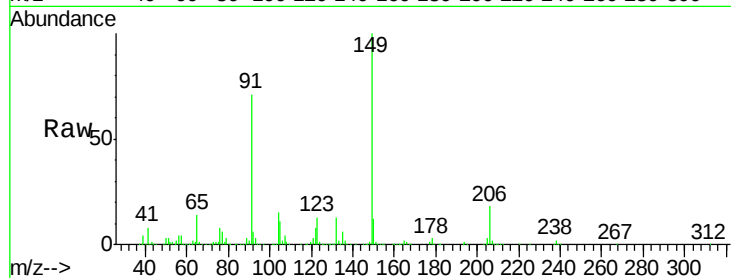




#79
Butylbenzylphthalate
Concen: 42.319 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

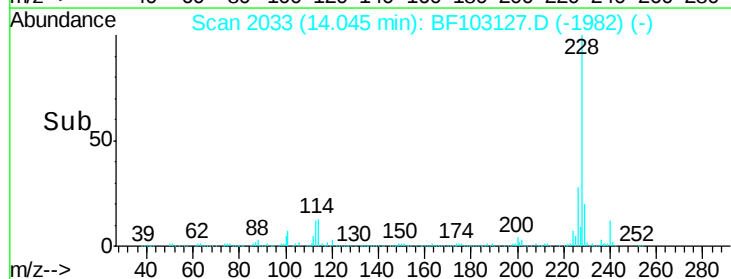
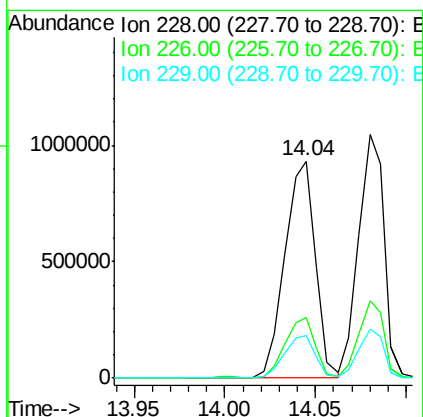
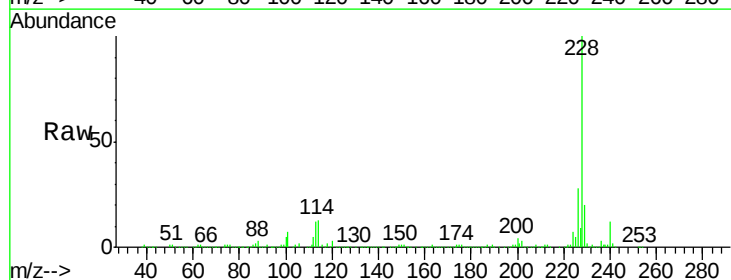
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

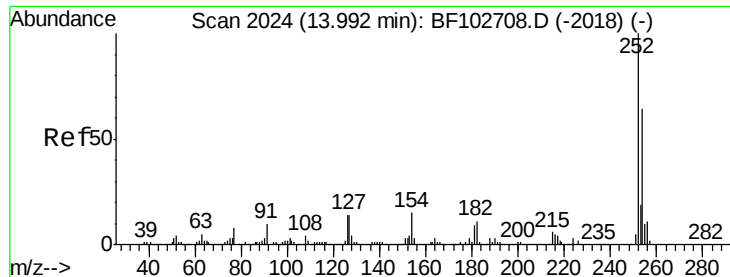
Tot Ion:149 Resp: 697518
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.666 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:228 Resp: 1099412
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.949 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

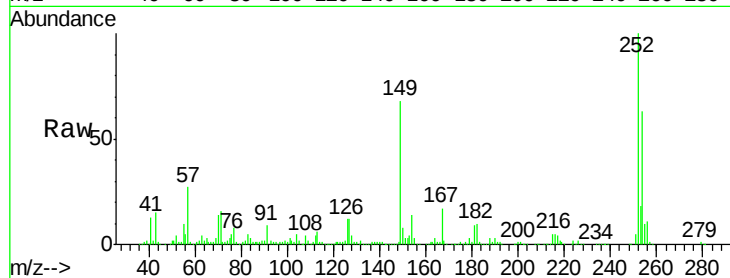
Tot Ion:252 Resp: 400269

Ion Ratio Lower Upper

252 100

254 62.8 50.4 75.6

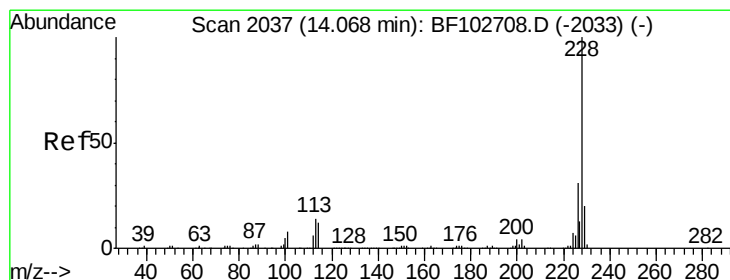
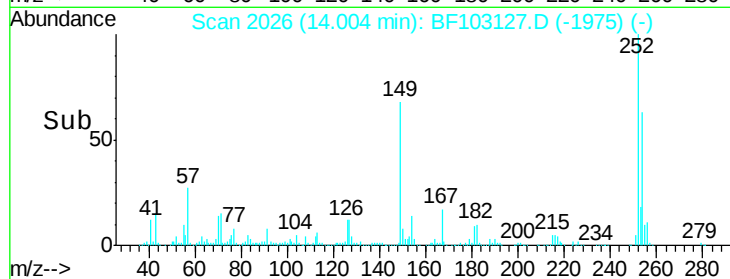
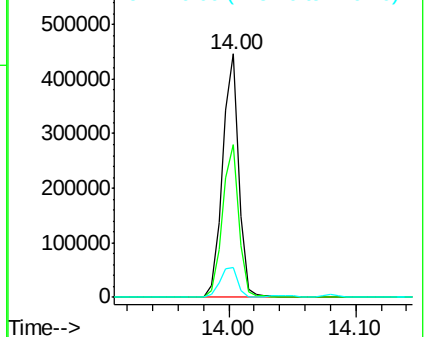
126 12.1 11.3 16.9



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: 36.918 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

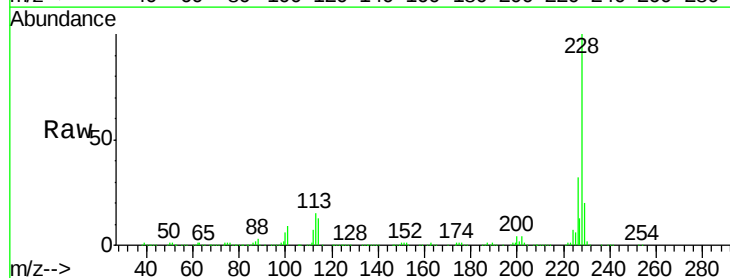
Tgt Ion:228 Resp: 1031484

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

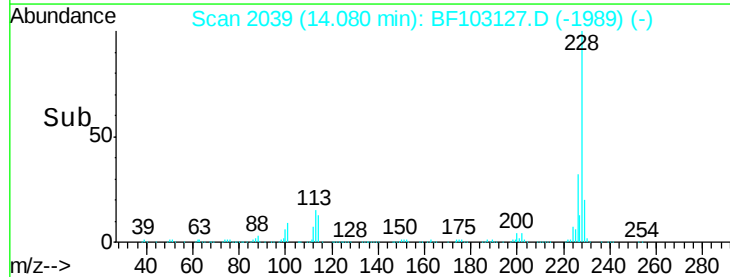
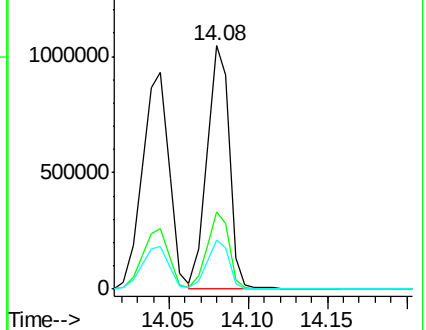
229 20.2 16.2 24.4

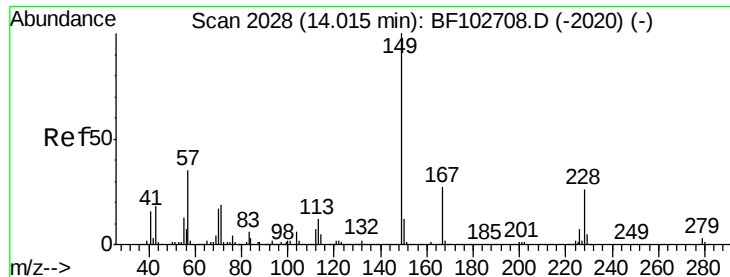


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.366 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

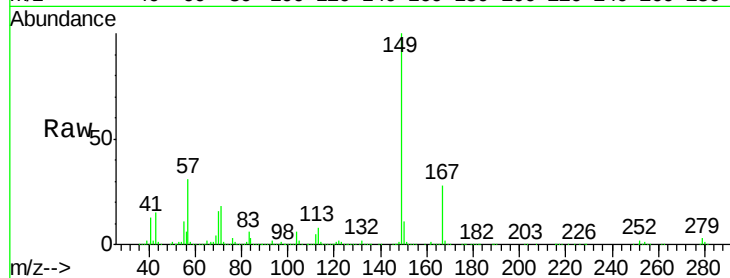
Tot Ion:149 Resp: 918081

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

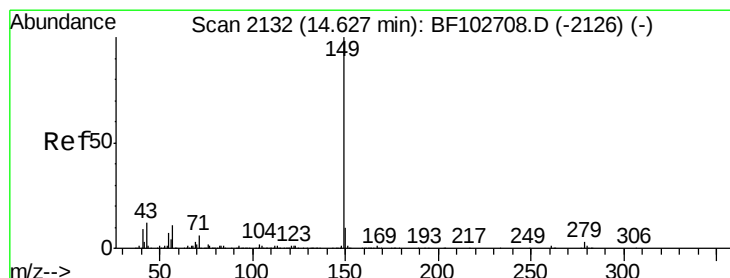
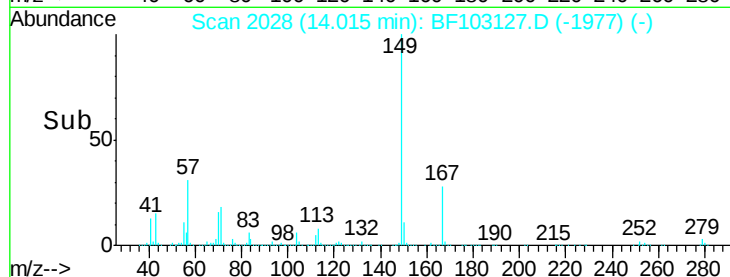
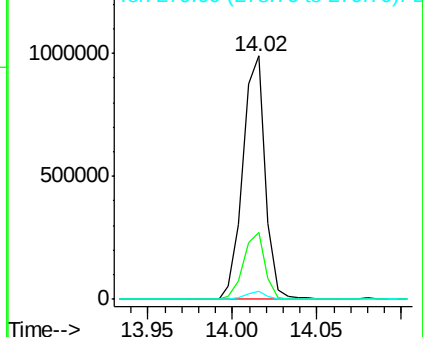
279 3.4 3.0 4.4



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: 47.282 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

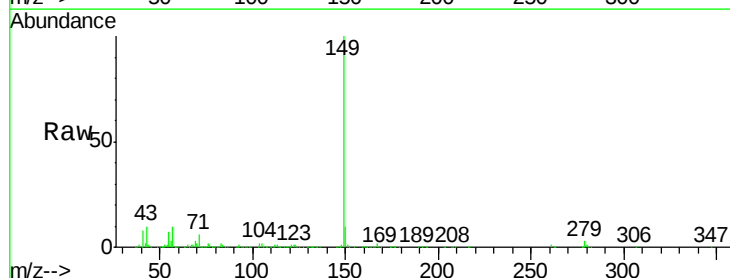
Tgt Ion:149 Resp: 1503011

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

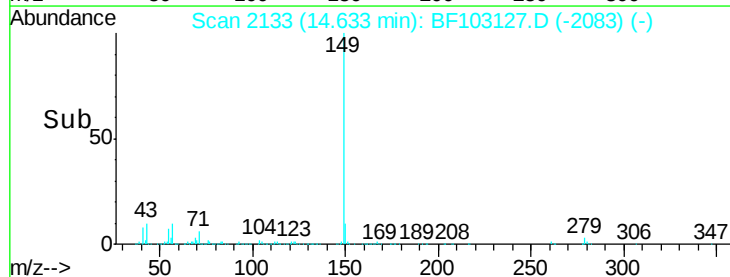
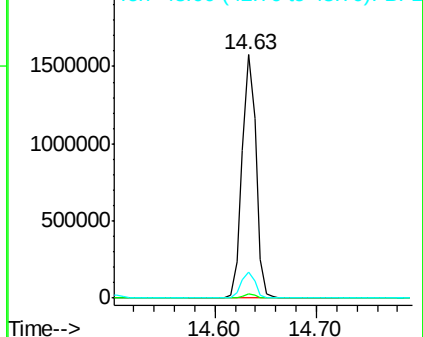
43 10.6 8.4 12.6

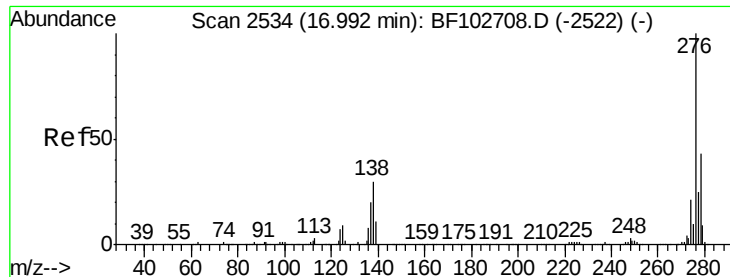


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

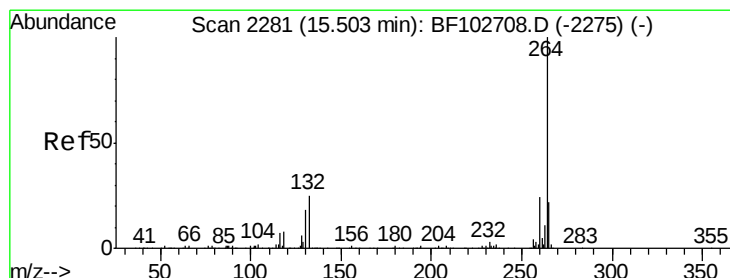
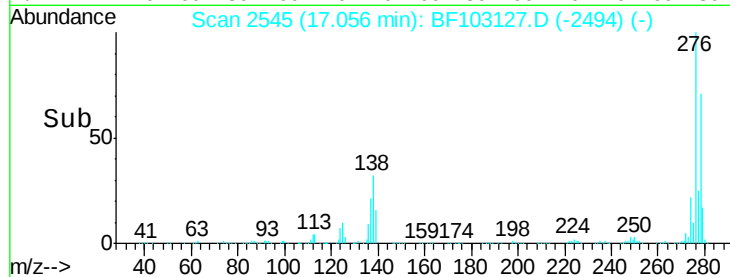
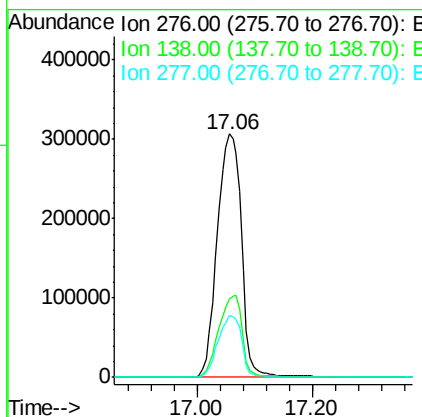
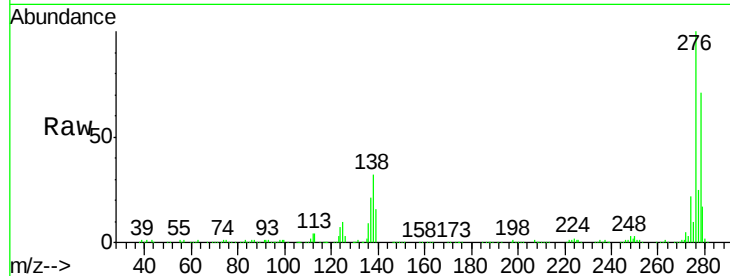




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.434 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

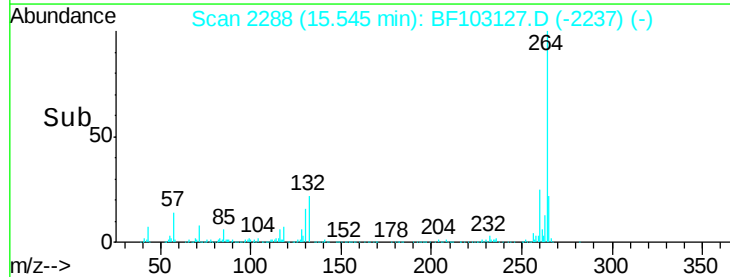
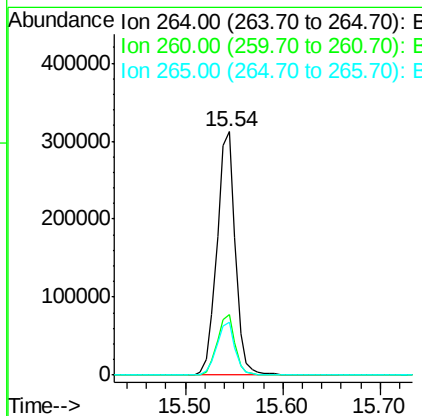
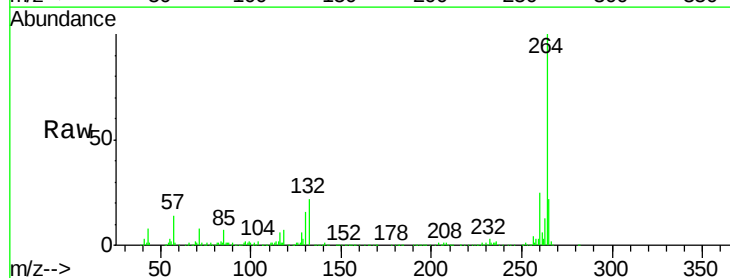
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

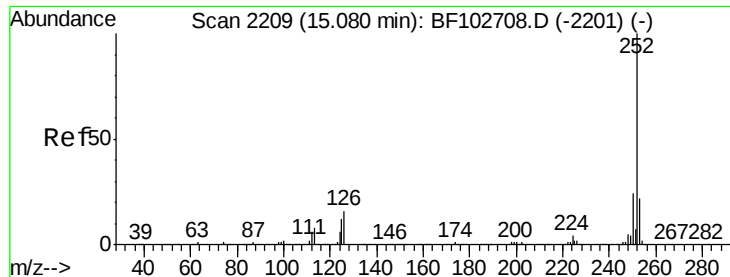
Tot Ion:276 Resp: 890618
 Ion Ratio Lower Upper
 276 100
 138 32.7 25.0 37.6
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Tgt Ion:264 Resp: 408057
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.8 17.5 26.3

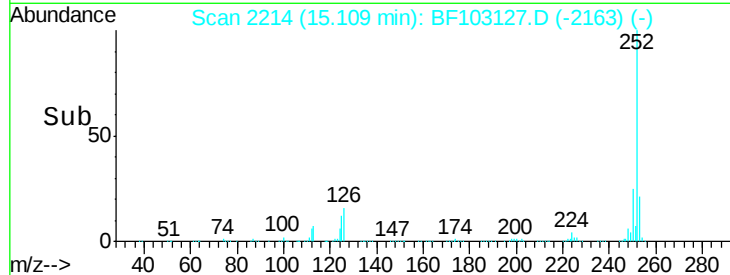
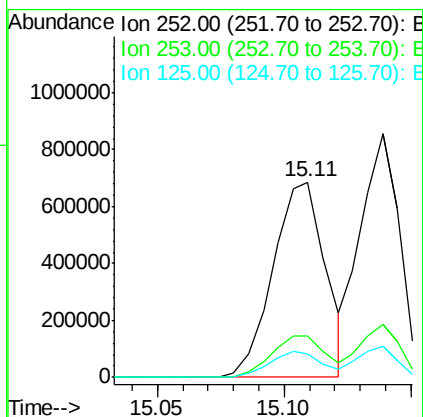
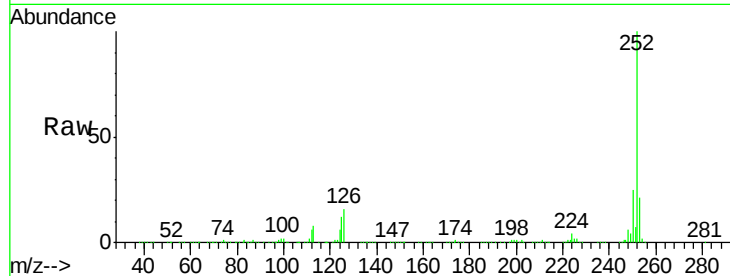




#87
Benzo(b)fluoranthene
Concen: 37.432 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

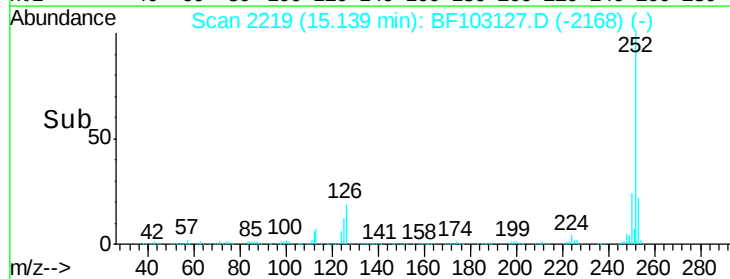
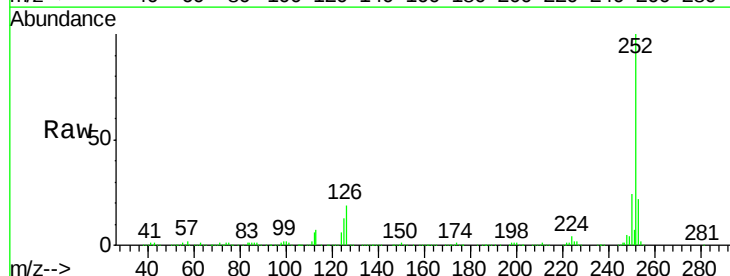
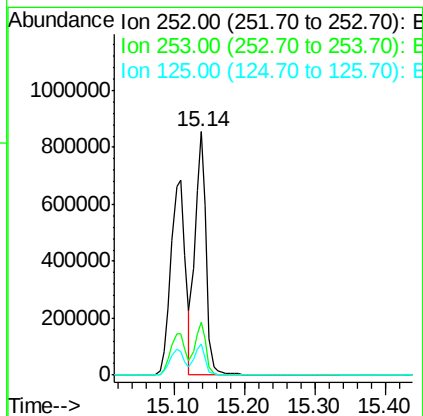
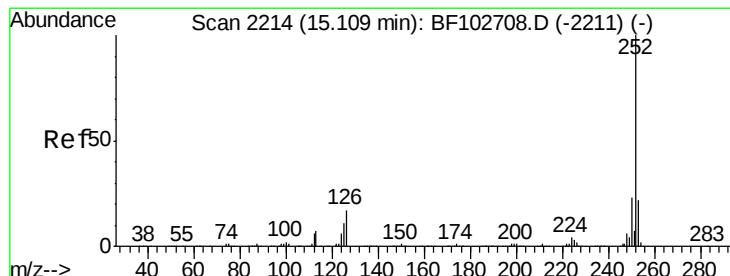
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

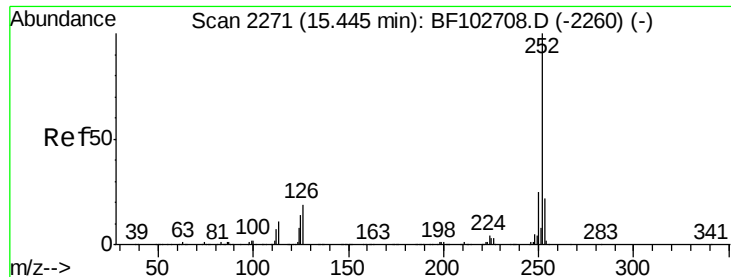
Tot Ion:252 Resp: 990283
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.703 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103127.D
Acq: 21 Feb 2018 11:03

Tgt Ion:252 Resp: 953060
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.618 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

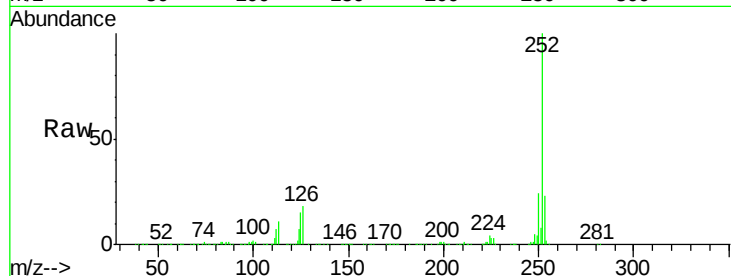
Tot Ion:252 Resp: 895823

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

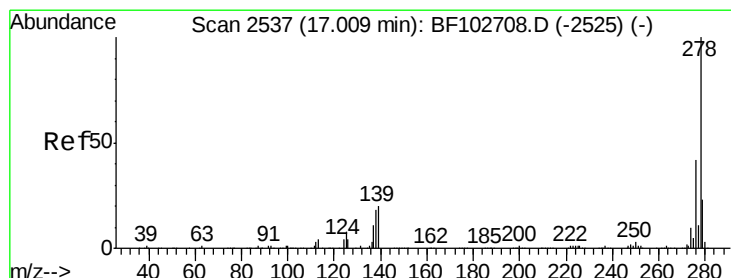
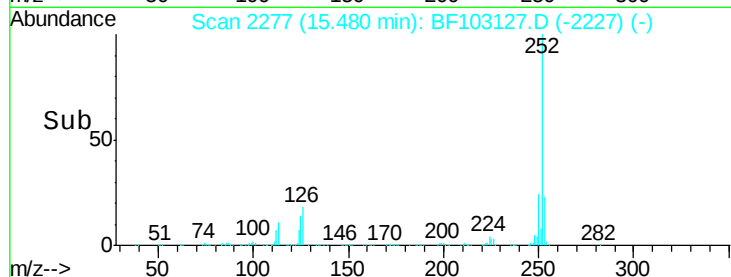
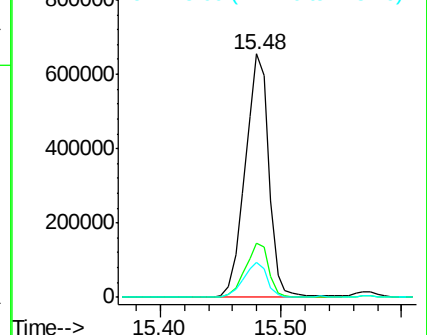
125 14.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.922 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BF103127.D

Acq: 21 Feb 2018 11:03

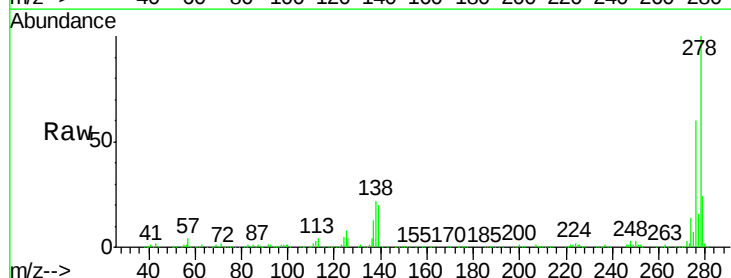
Tgt Ion:278 Resp: 732984

Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

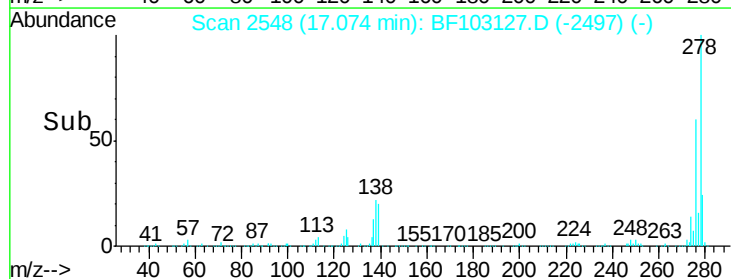
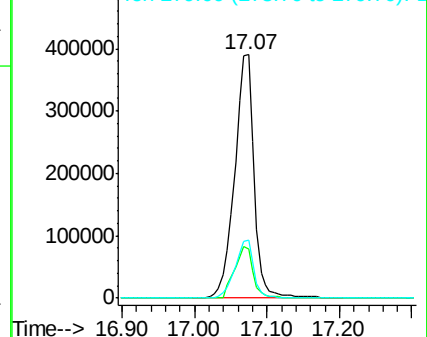
279 23.8 19.0 28.4

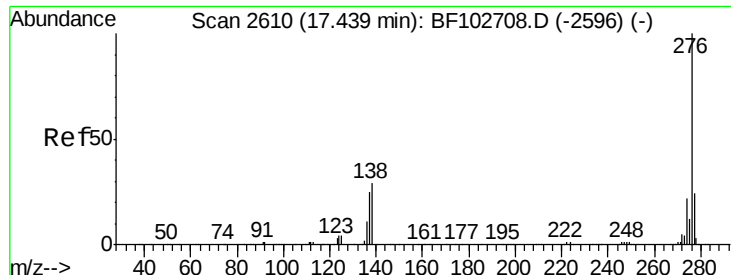


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

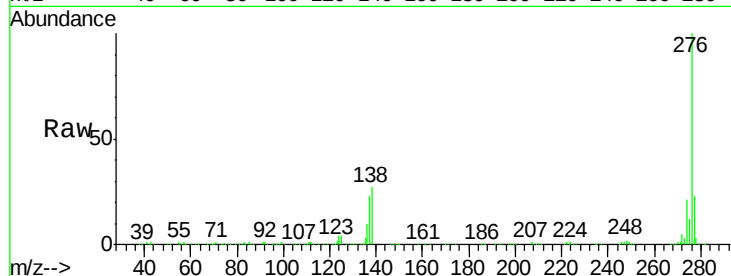




#91
 Benzo(a,h,i)perylene
 Concen: 39.535 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF103127.D
 Acq: 21 Feb 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	26.8	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

