

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101374.D
 Acq On : 13 Dec 2017 20:07
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 14 01:19:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	190623	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	777603	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	360022	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	686174	20.00	ng	0.00
75) Chrysene-d12	14.01	240	541828	20.00	ng	0.00
86) Perylene-d12	15.47	264	535919	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	995642	86.31	ng	0.00
7) Phenol-d6	6.46	99	1178394	84.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	967107	74.19	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	251258	58.10	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1670385	63.48	ng	0.00
78) Terphenyl-d14	12.94	244	1688823	68.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	250880	52.593	ng	93
3) Pyridine	3.31	79	693943	56.117	ng	95
4) n-Nitrosodimethylamine	3.28	42	326730	54.097	ng	96
6) Aniline	6.49	93	819757	45.010	ng	93
8) 2-Chlorophenol	6.61	128	506830	40.295	ng	98
9) Benzaldehyde	6.37	77	401215	46.805	ng	97
10) Phenol	6.47	94	660933	42.440	ng	79
11) bis(2-Chloroethyl)ether	6.56	93	547538	46.874	ng	93
12) 1,3-Dichlorobenzene	6.76	146	573649	39.168	ng	97
13) 1,4-Dichlorobenzene	6.83	146	574708	37.901	ng	100
14) 1,2-Dichlorobenzene	6.99	146	516866	36.544	ng	98
15) Benzyl Alcohol	6.97	79	414546	38.323	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	829429	52.237	ng	85
17) 2-Methylphenol	7.08	107	461995	45.488	ng	94
18) Hexachloroethane	7.32	117	199102	40.870	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	363622	38.551	ng	94
20) 3+4-Methylphenols	7.23	107	486032	36.694	ng	# 63
22) Acetophenone	7.23	105	688829	36.666	ng	# 87
24) Nitrobenzene	7.41	77	543982	42.579	ng	97
25) Isophorone	7.65	82	1032173	46.357	ng	97
26) 2-Nitrophenol	7.72	139	214298	30.556	ng	96
27) 2,4-Dimethylphenol	7.76	122	421383	41.535	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	664506	44.404	ng	99
29) 2,4-Dichlorophenol	7.97	162	417495	37.806	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	439926	36.229	ng	96
31) Naphthalene	8.13	128	1415282	36.929	ng	100
32) Benzoic acid	7.92	122	227908	28.883	ng	96
33) 4-Chloroaniline	8.18	127	635511	41.270	ng	99
34) Hexachlorobutadiene	8.23	225	249940	33.559	ng	99
35) Caprolactam	8.56	113	149625	43.476	ng	# 83
36) 4-Chloro-3-methylphenol	8.67	107	460910	40.292	ng	99
37) 2-Methylnaphthalene	8.82	142	922057	35.408	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	464185	35.491	ng	97
40) Hexachlorocyclopentadiene	8.96	237	90560	25.229	ng	96

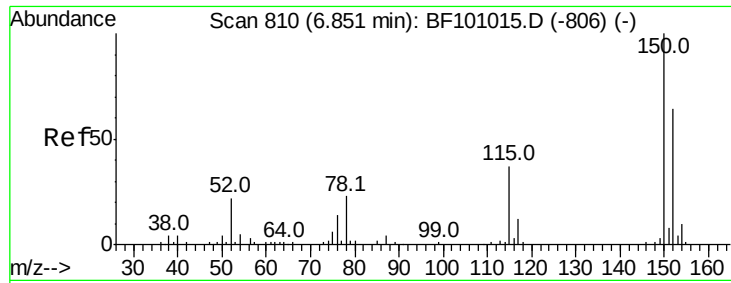
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101374.D
 Acq On : 13 Dec 2017 20:07
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 14 01:19:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	273696	35.698	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	297848	36.338	nq	95
45) 1,1'-Biphenyl	9.28	154	1175657	35.642	nq	99
46) 2-Chloronaphthalene	9.31	162	871183	37.190	nq	98
47) 2-Nitroaniline	9.41	65	273554	39.470	nq	84
48) Acenaphthylene	9.73	152	1357980	35.275	nq	99
49) Dimethylphthalate	9.58	163	1049709	36.153	nq	99
50) 2,6-Dinitrotoluene	9.66	165	208994	34.175	nq	96
51) Acenaphthene	9.90	154	822136	35.665	nq	99
52) 3-Nitroaniline	9.83	138	258606	37.603	nq	94
53) 2,4-Dinitrophenol	9.95	184	41726	17.295	nq	# 18
54) Dibenzofuran	10.07	168	1092411	32.884	nq	98
55) 4-Nitrophenol	10.00	139	124967	26.944	nq	90
56) 2,4-Dinitrotoluene	10.07	165	229498	28.002	nq	# 79
57) Fluorene	10.42	166	923562	34.200	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	206636	31.486	nq	89
59) Diethylphthalate	10.28	149	1045238	36.498	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	449258	33.694	nq	94
61) 4-Nitroaniline	10.45	138	265555	37.198	nq	94
62) Azobenzene	10.56	77	1058394	43.548	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	101768	22.112	nq	87
65) n-Nitrosodiphenylamine	10.52	169	916689	37.868	nq	96
66) 4-Bromophenyl-phenylether	10.89	248	278459	36.255	nq	# 87
67) Hexachlorobenzene	10.96	284	294225	35.743	nq	94
68) Atrazine	11.05	200	267744	36.057	nq	97
69) Pentachlorophenol	11.17	266	131430	29.038	nq	98
70) Phenanthrene	11.38	178	1343026	35.542	nq	99
71) Anthracene	11.43	178	1364684	35.684	nq	100
72) Carbazole	11.59	167	1283628	36.735	nq	99
73) Di-n-butylphthalate	11.90	149	1605863	36.666	nq	99
74) Fluoranthene	12.57	202	1416706	33.822	nq	98
76) Benzidine	12.69	184	744948	42.280	nq	99
77) Pyrene	12.80	202	1461629	39.094	nq	98
79) Butylbenzylphthalate	13.40	149	694163	42.112	nq	97
80) Benzo(a)anthracene	14.00	228	1336461	39.066	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	431993	36.462	nq	99
82) Chrysene	14.03	228	1227430	38.633	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	845562	35.976	nq	99
84) Di-n-octyl phthalate	14.57	149	1571581	40.160	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1086663	38.471	nq	97
87) Benzo(b)fluoranthene	15.05	252	1210940	37.724	nq	99
88) Benzo(k)fluoranthene	15.08	252	1117557	35.337	nq	98
89) Benzo(a)pyrene	15.42	252	1094274	37.497	nq	100
90) Dibenzo(a,h)anthracene	16.98	278	910801	35.402	nq	97
91) Benzo(g,h,i)perylene	17.42	276	905977	37.366	nq	96

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

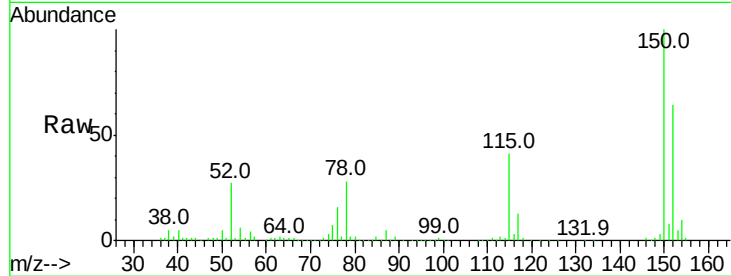


#1

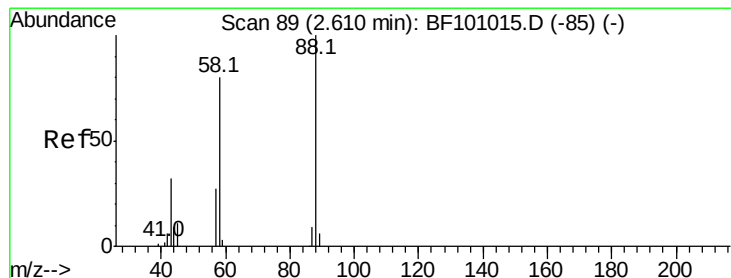
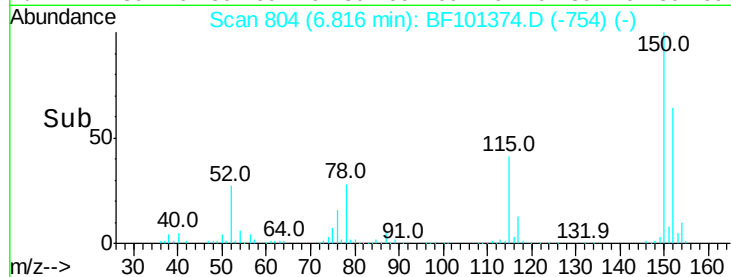
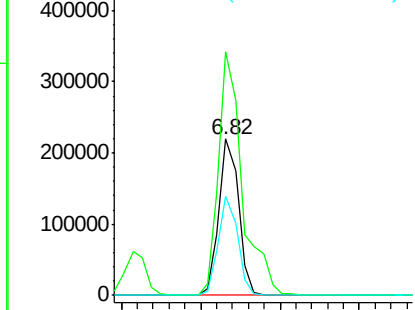
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 190623
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 63.5 50.1 75.1



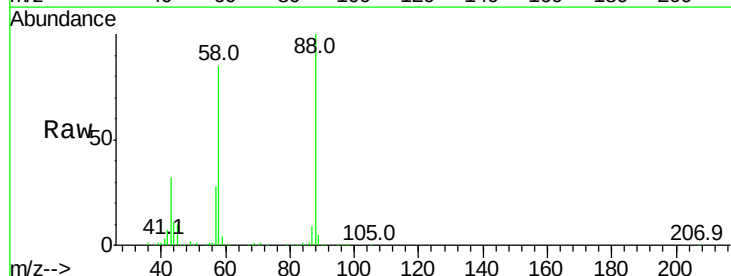
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



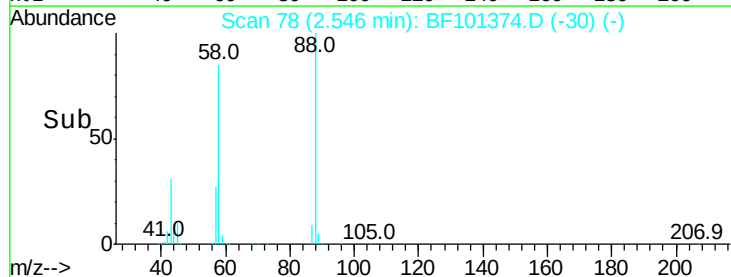
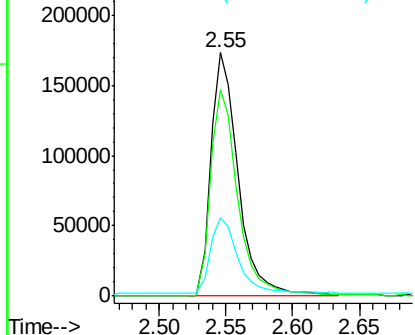
#2

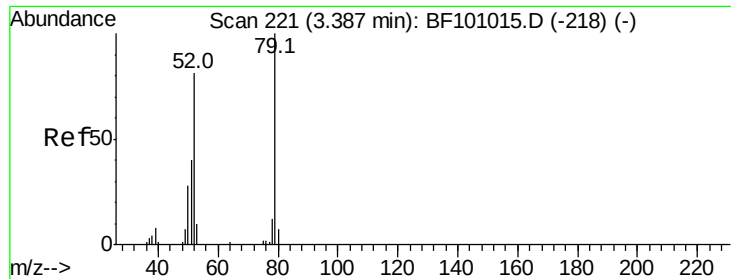
1,4-Dioxane
Concen: 52.593 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion: 88 Resp: 250880
Ion Ratio Lower Upper
88 100
58 85.6 62.6 93.8
43 32.0 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

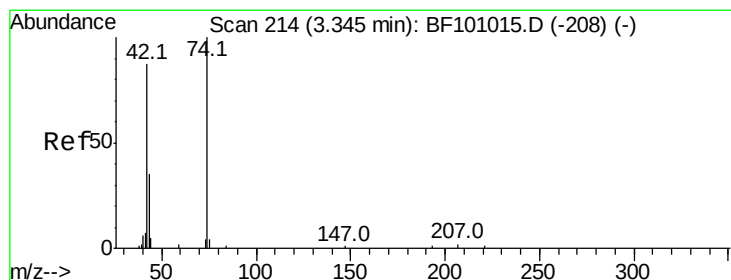
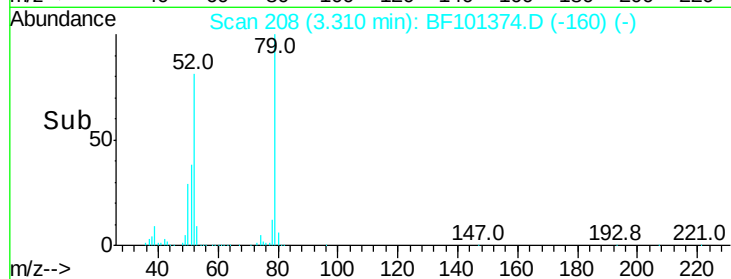
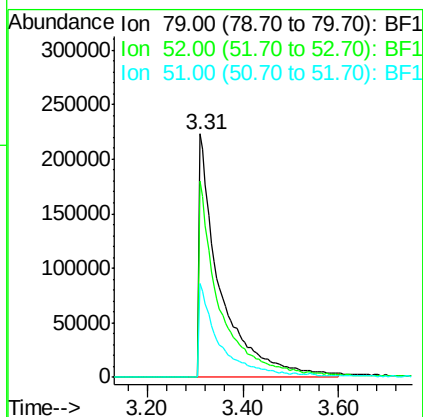
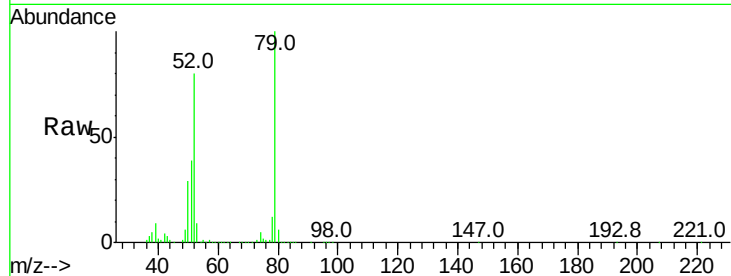




#3
 Pvridine
 Concen: 56.117 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.02 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

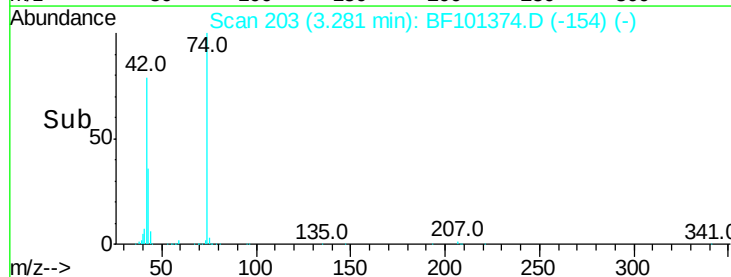
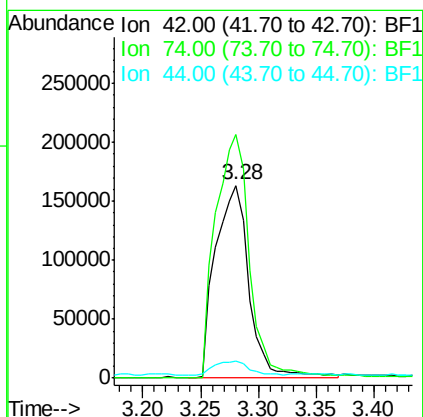
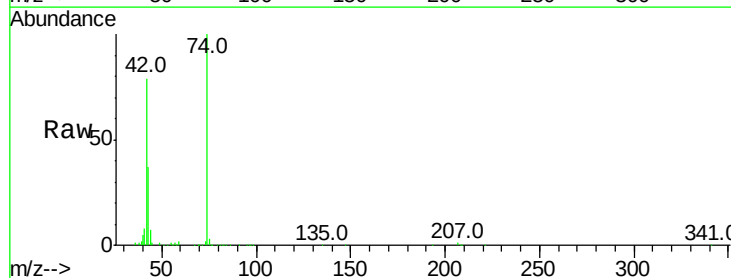
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

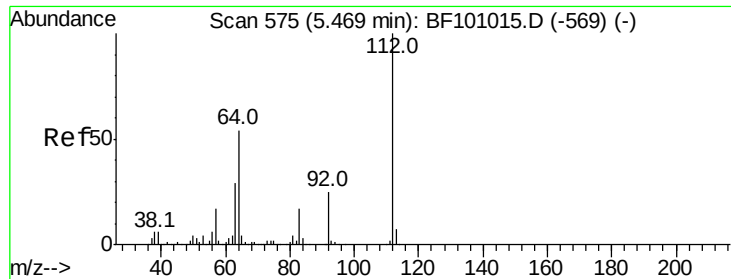
Tot Ion: 79 Resp: 693943
 Ion Ratio Lower Upper
 79 100
 52 80.4 59.8 89.6
 51 38.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 54.097 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion: 42 Resp: 326730
 Ion Ratio Lower Upper
 42 100
 74 126.5 104.9 157.3
 44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 86.309 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

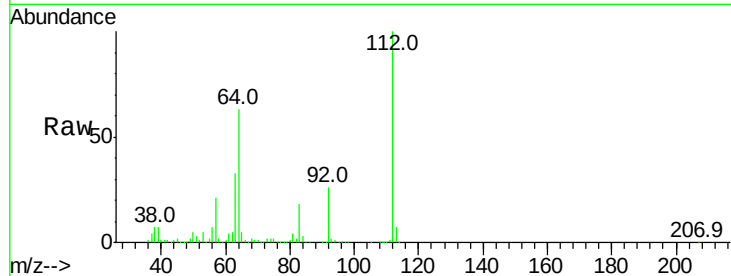
Tot Ion:112 Resp: 995642

Ion Ratio Lower Upper

112 100

64 63.2 47.9 71.9

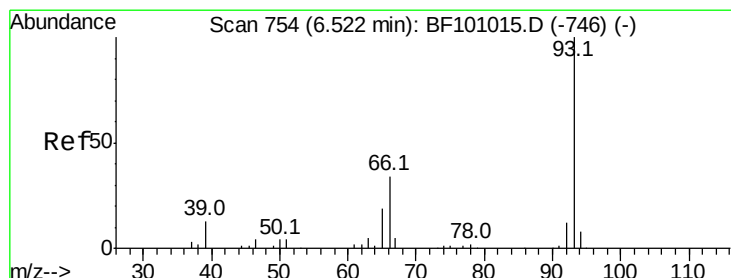
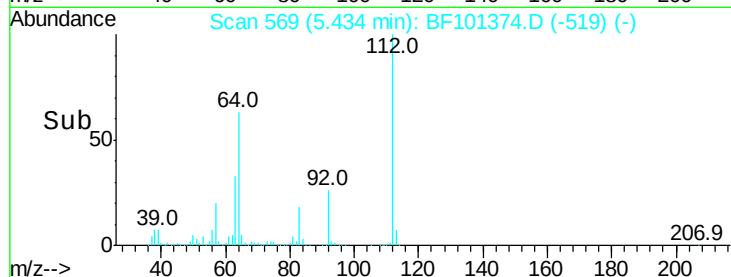
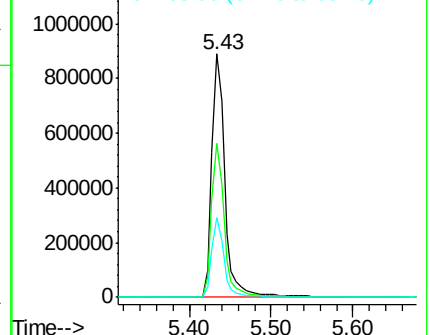
63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 45.010 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

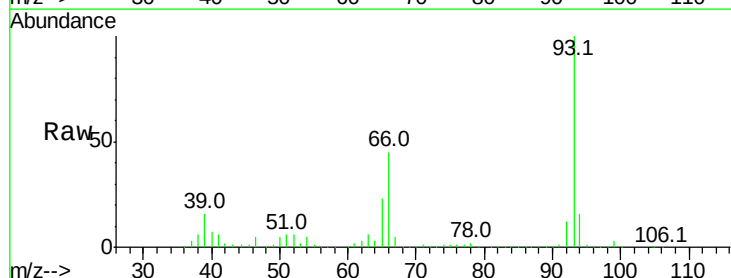
Tgt Ion: 93 Resp: 819757

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

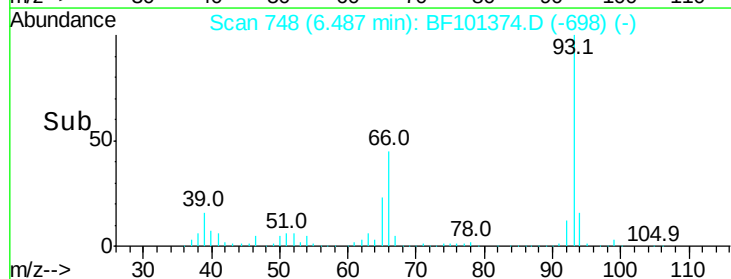
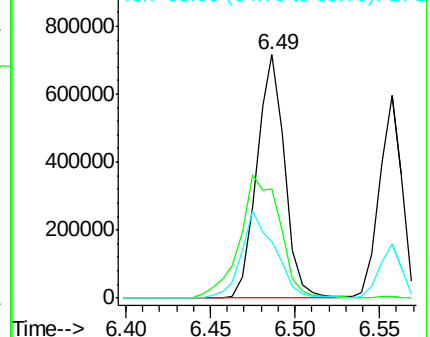
65 23.3 16.4 24.6

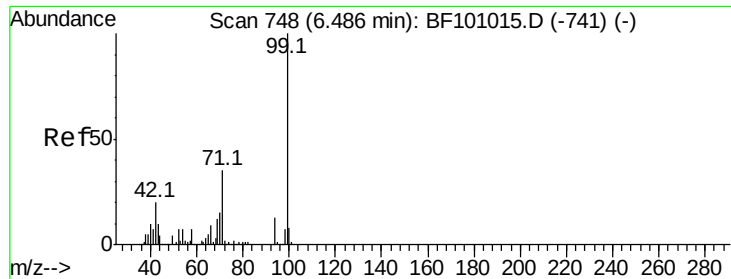


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.137 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

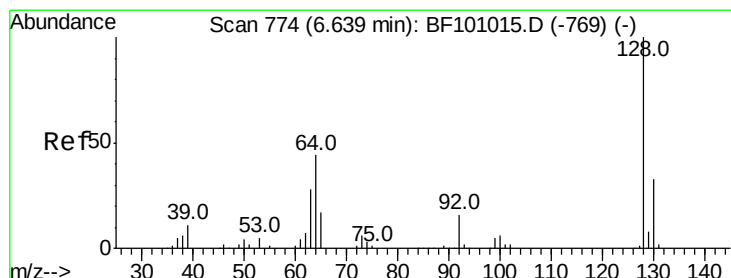
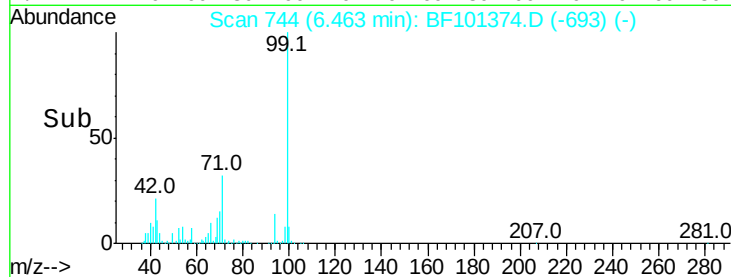
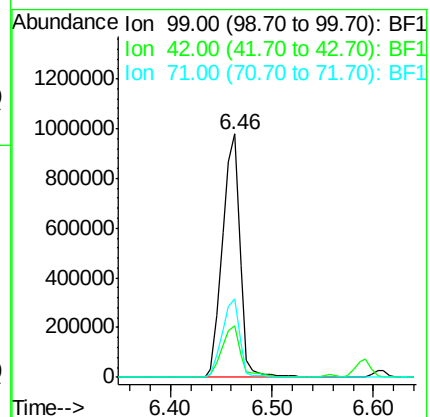
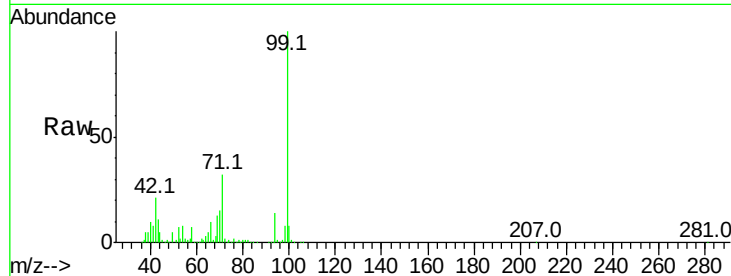
Tot Ion: 99 Resp: 1178394

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 40.295 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

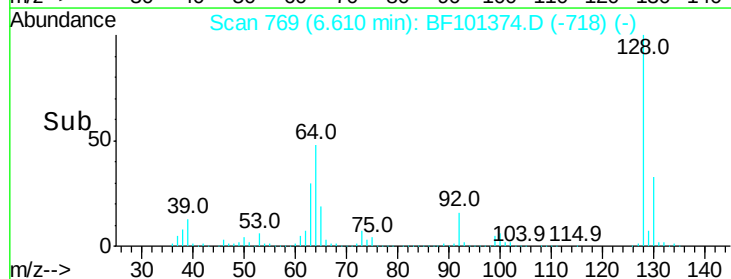
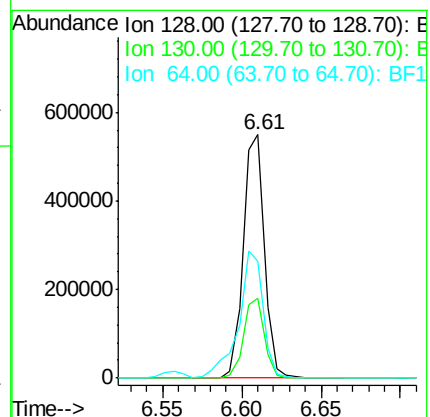
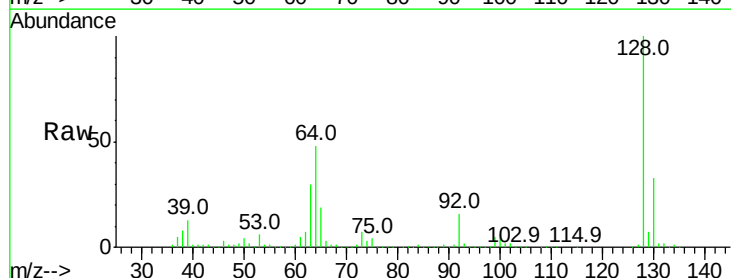
Tgt Ion: 128 Resp: 506830

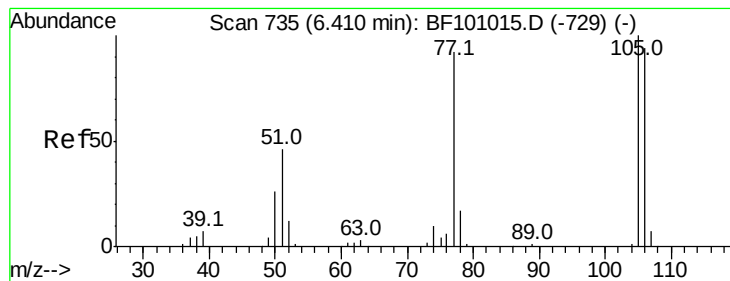
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 48.0 29.4 69.4





#9

Benzaldehyde

Concen: 46.805 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

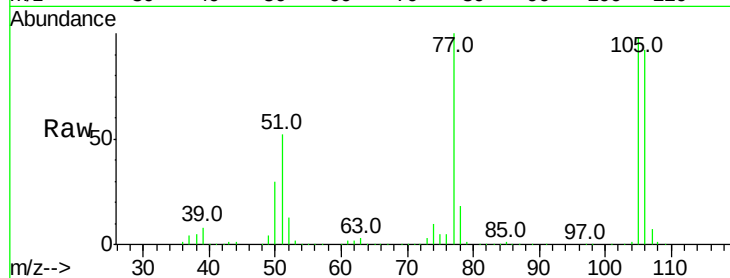
Tot Ion: 77 Resp: 401215

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

106 92.2 74.5 114.5



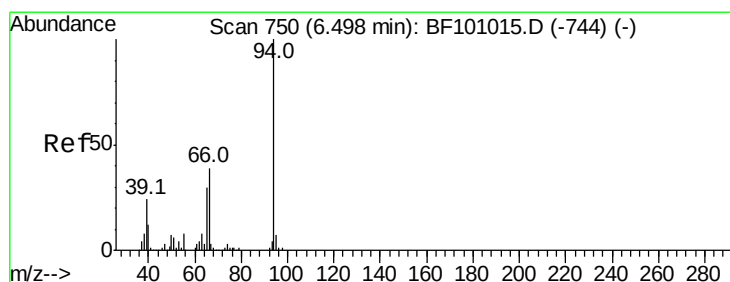
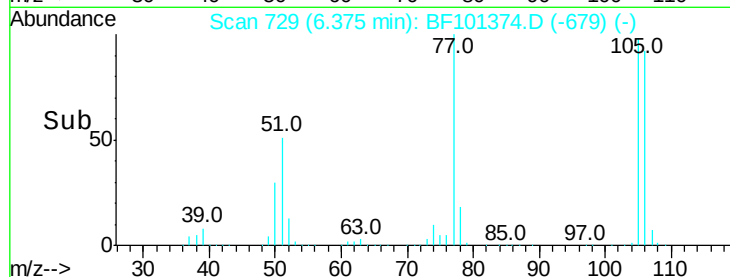
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.37

Time--> 6.30 6.35 6.40 6.45



#10

Phenol

Concen: 42.440 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

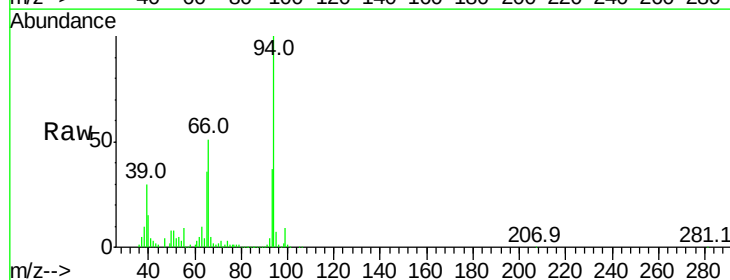
Tgt Ion: 94 Resp: 660933

Ion Ratio Lower Upper

94 100

65 36.0 7.9 47.9

66 50.7 16.2 56.2



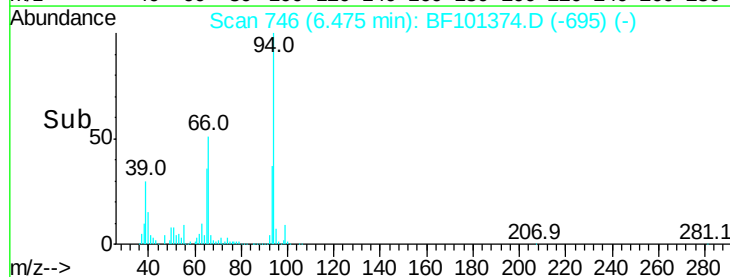
Abundance Ion 94.00 (93.70 to 94.70): BF1

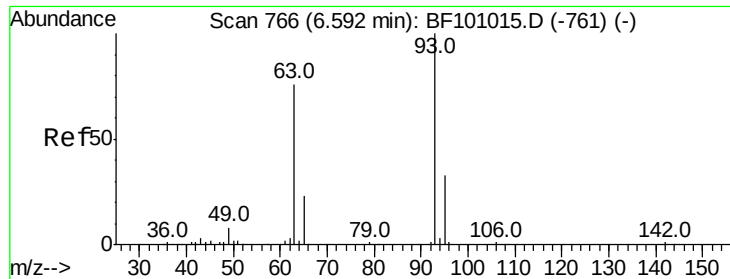
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.47

Time--> 6.40 6.45 6.50 6.55





#11

bis(2-Chloroethyl)ether

Concen: 46.874 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

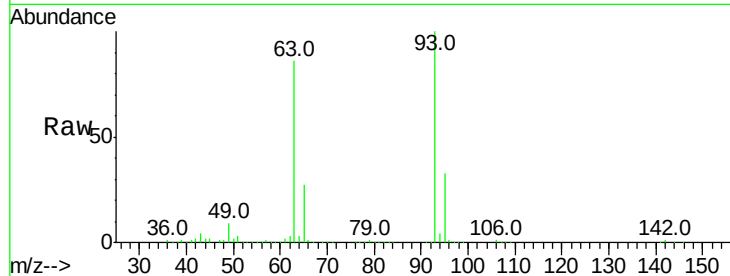
Tot Ion: 93 Resp: 547538

Ion Ratio Lower Upper

93 100

63 86.3 58.6 98.6

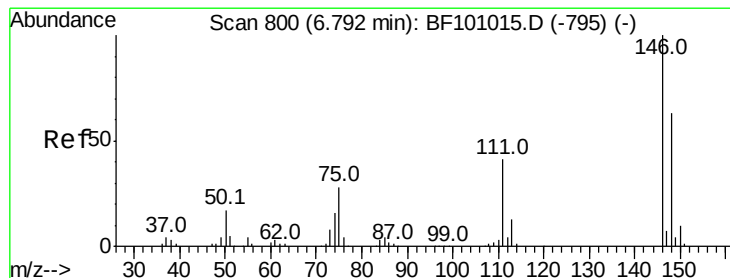
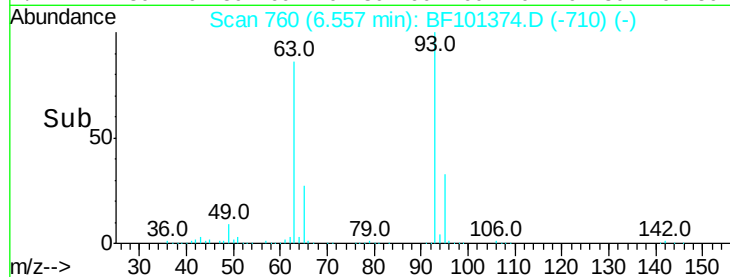
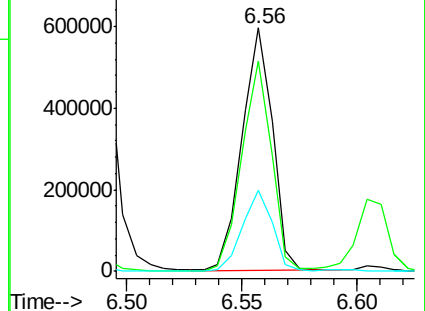
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.168 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

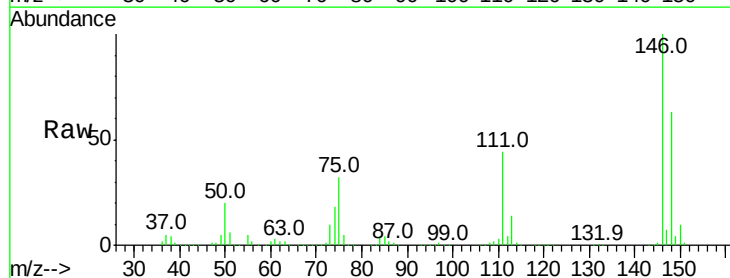
Tgt Ion: 146 Resp: 573649

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

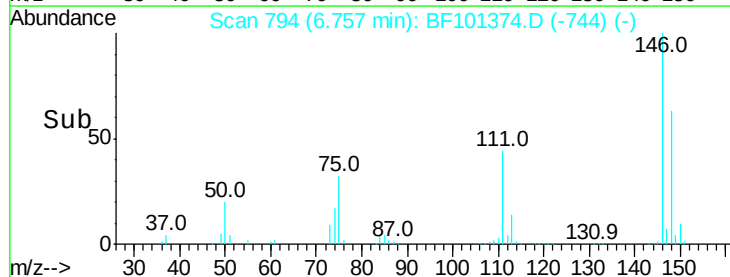
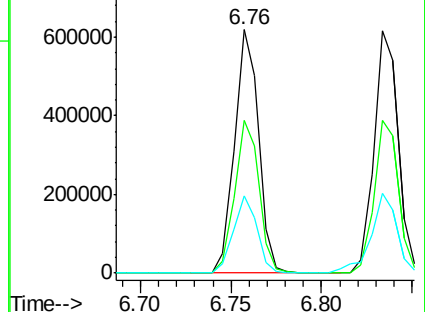
75 31.9 24.2 36.4

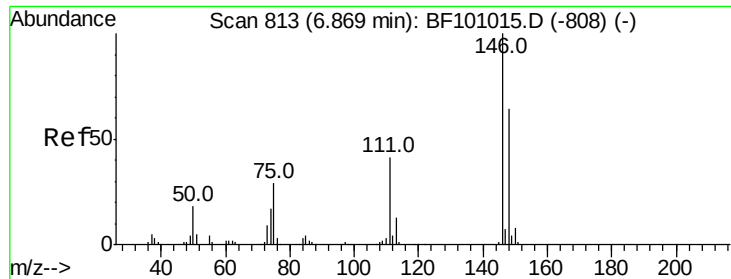


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

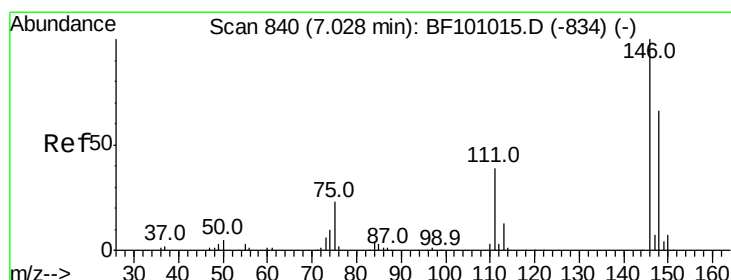
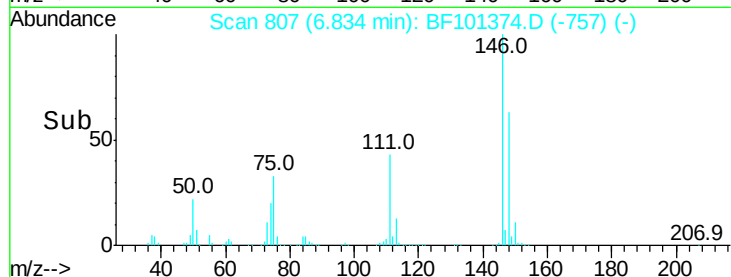
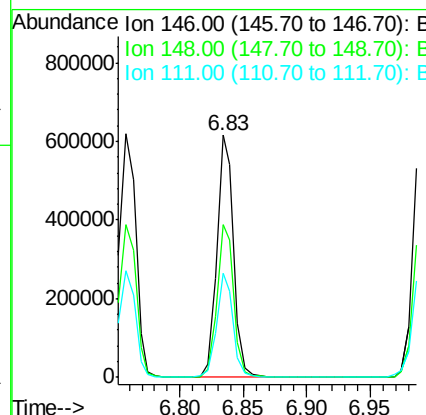
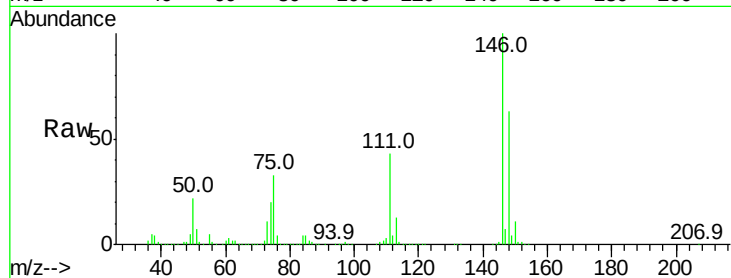




#13
 1,4-Dichlorobenzene
 Concen: 37.901 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

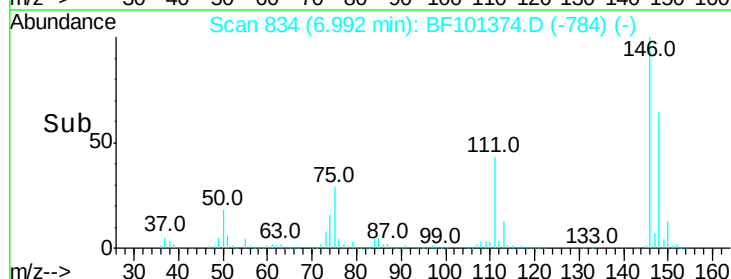
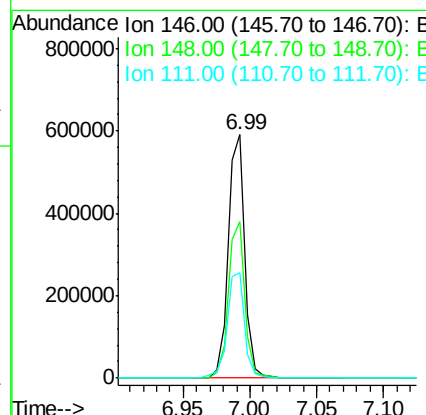
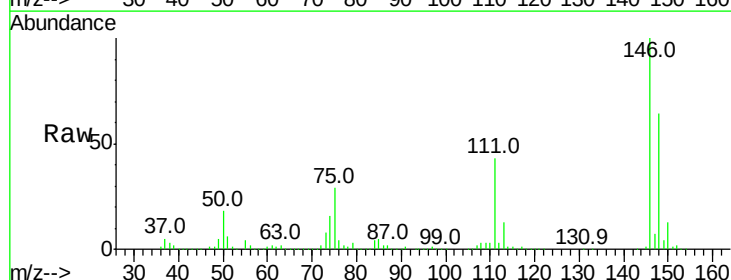
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

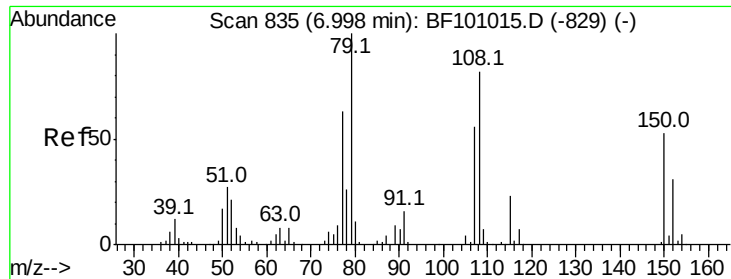
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.544 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	43.1	36.0	54.0

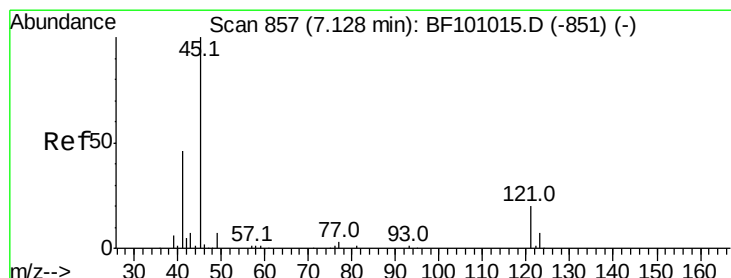
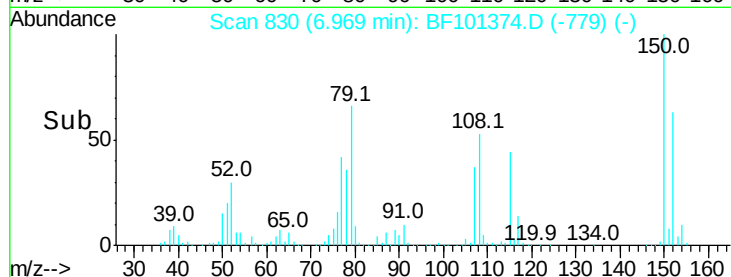
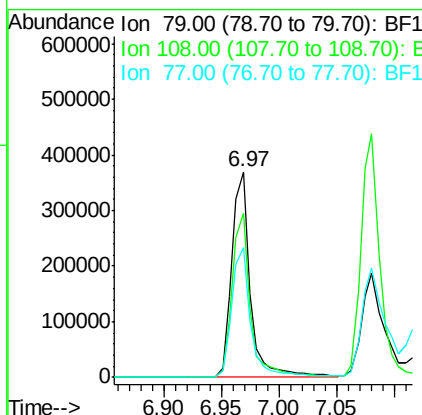
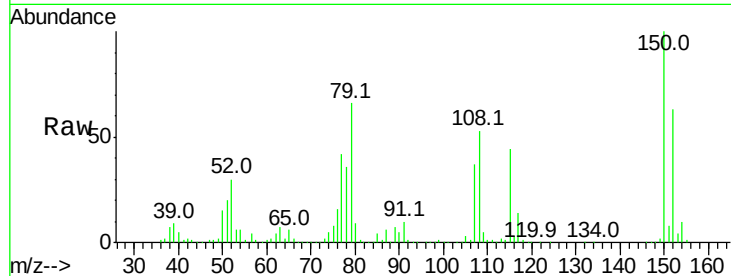




#15
Benzyl Alcohol
Concen: 38.323 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

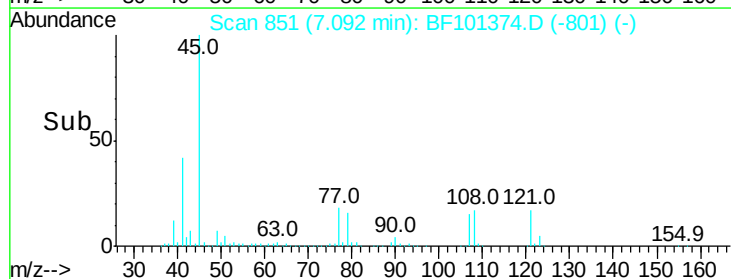
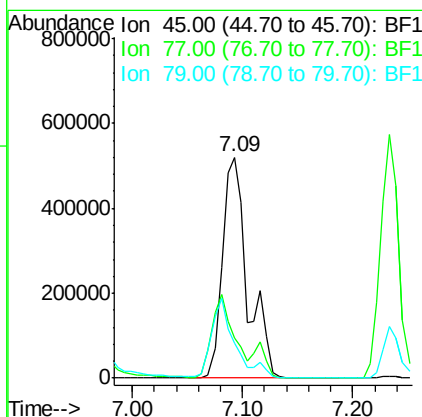
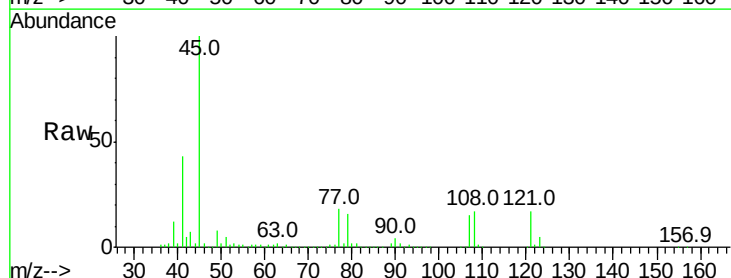
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

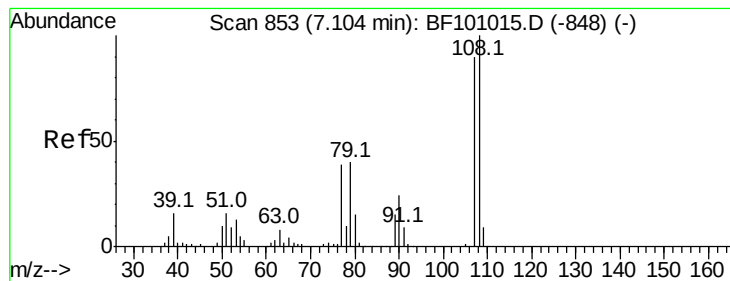
Tot Ion: 79 Resp: 414546
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.237 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion: 45 Resp: 829429
Ion Ratio Lower Upper
45 100
77 18.2 0.0 32.9
79 15.6 0.0 29.6





#17

2-Methylphenol

Concen: 45.488 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 461995

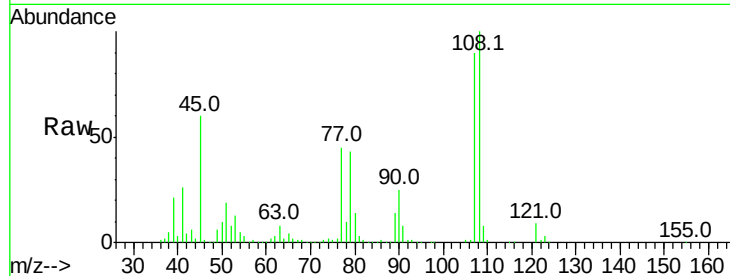
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 49.7 33.8 50.8

79 47.4 33.8 50.8

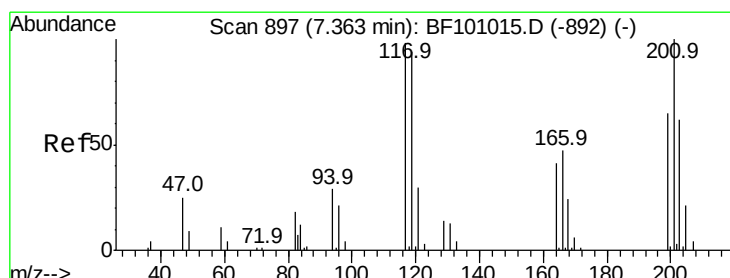
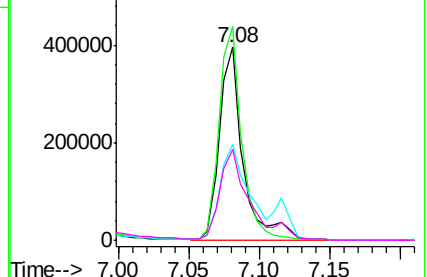
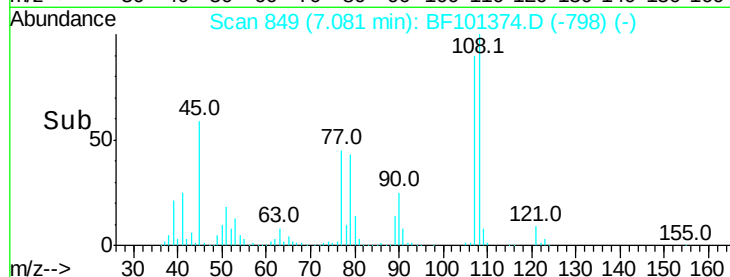


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.870 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

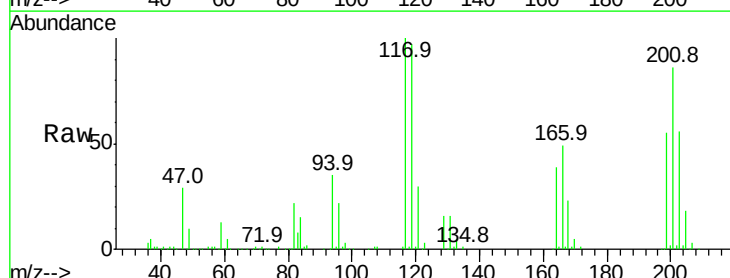
Tgt Ion:117 Resp: 199102

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

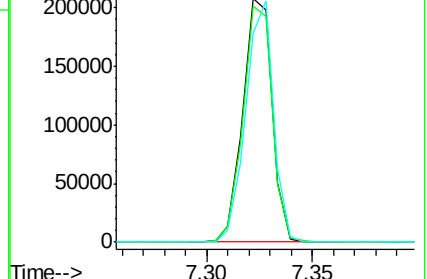
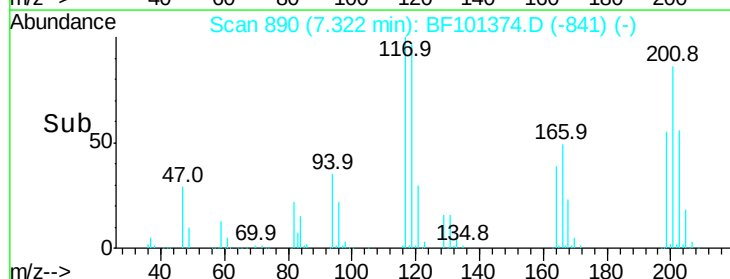
201 86.1 75.7 113.5

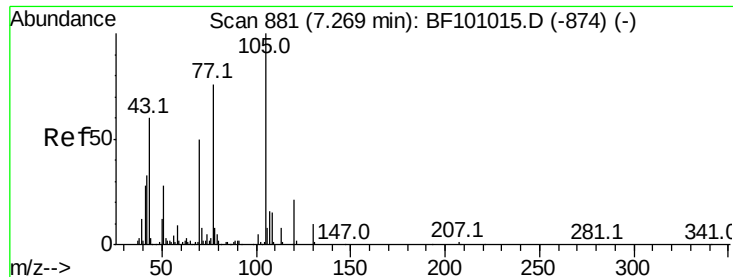


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

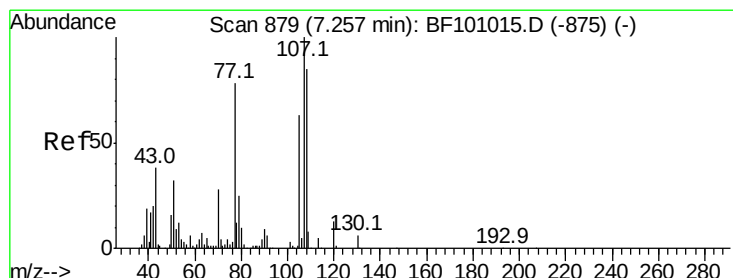
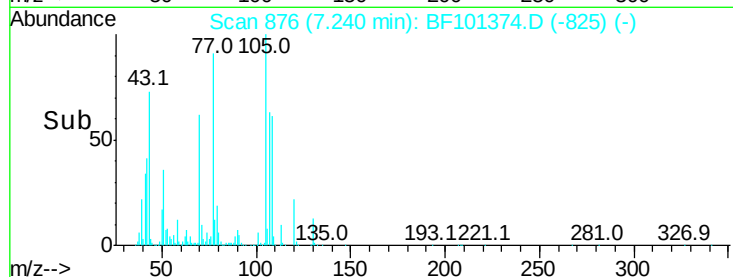
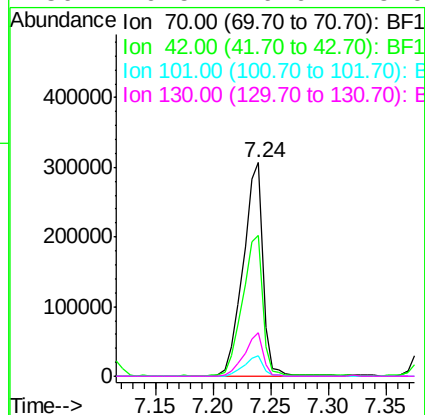
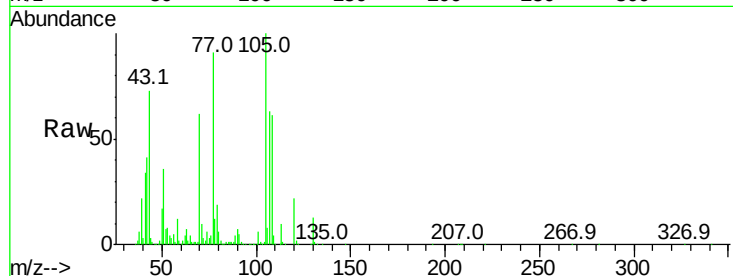




#19
n-Nitroso-di-n-propylamine
Concen: 38.551 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

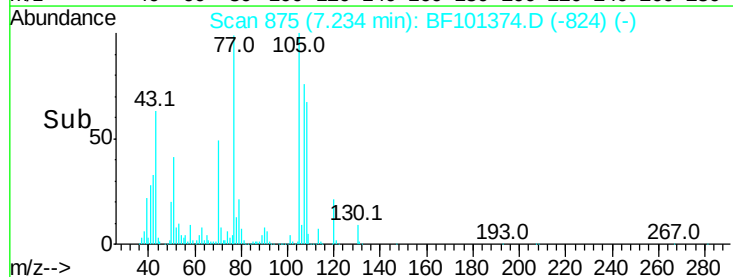
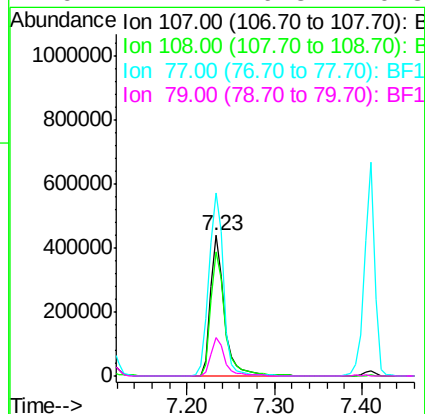
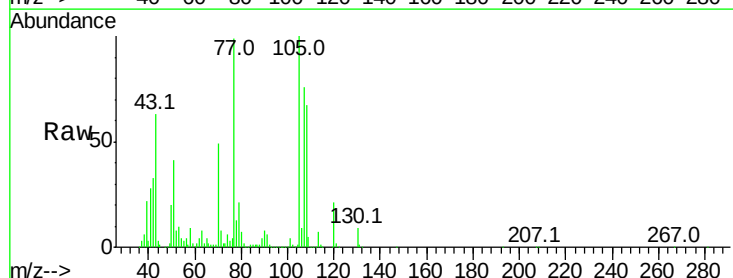
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

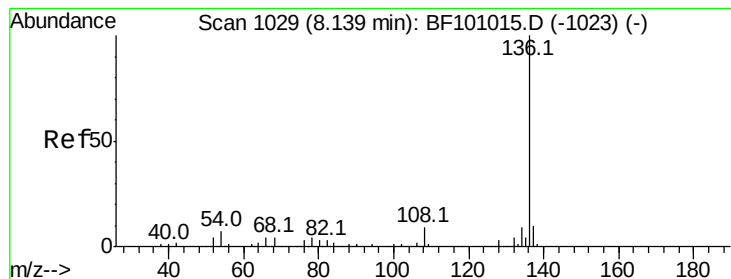
Tot Ion:	70	Resp:	363622
Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	9.9	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.694 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:	107	Resp:	486032
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	130.7	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 777603

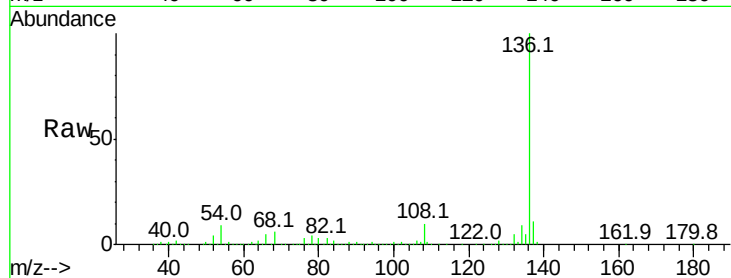
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

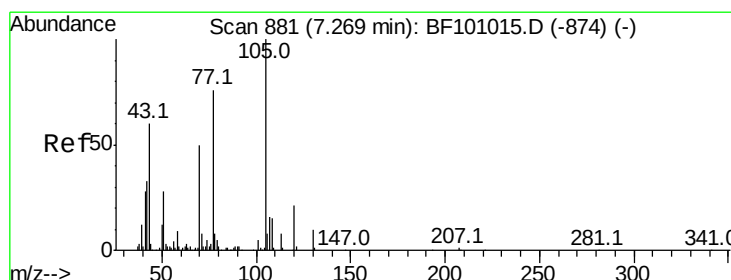
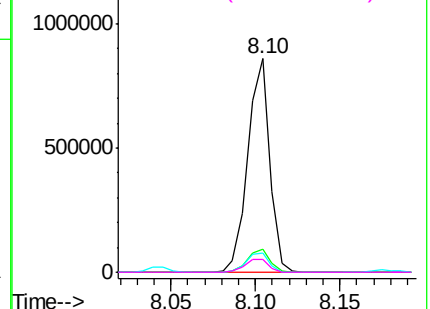
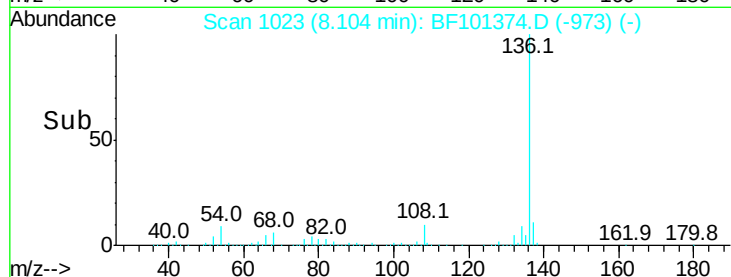


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.666 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Tgt Ion:105 Resp: 688829

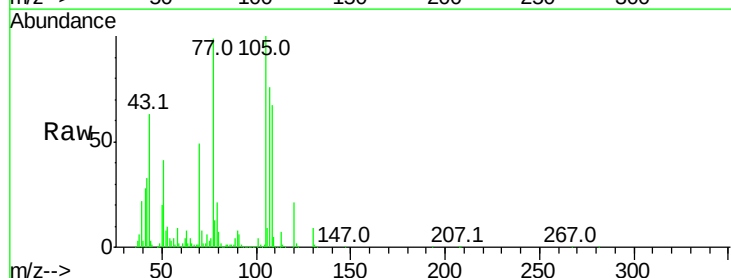
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 40.6 22.3 33.5#

120 21.2 16.9 25.3

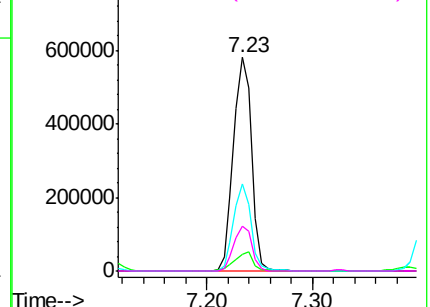
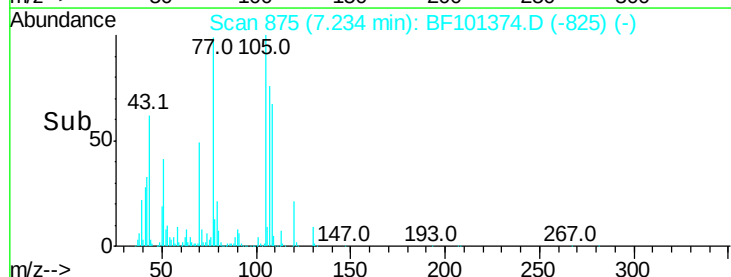


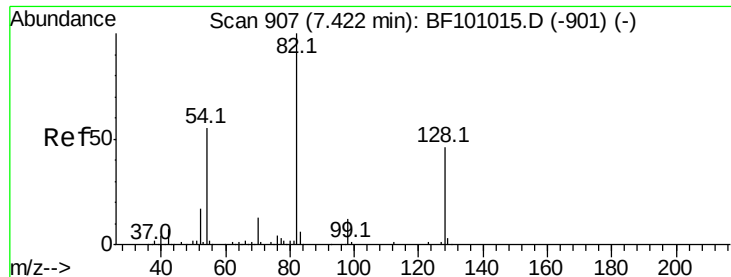
Abundance Ion 105.00 (104.70 to 105.70): E

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

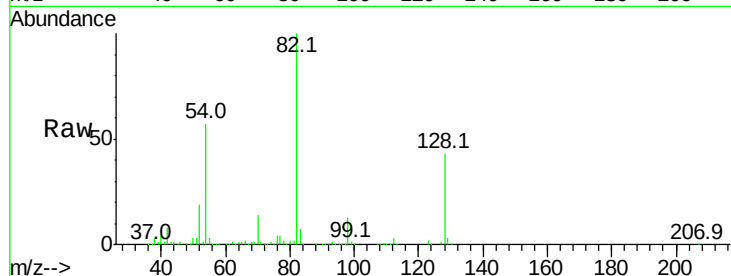




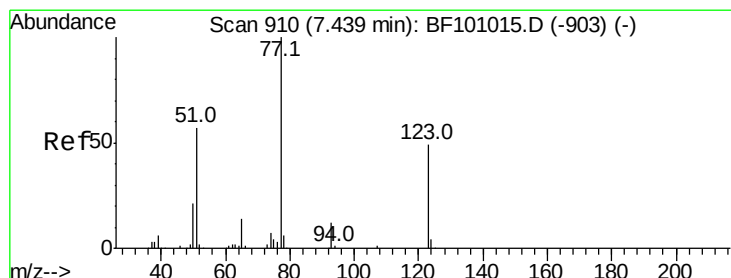
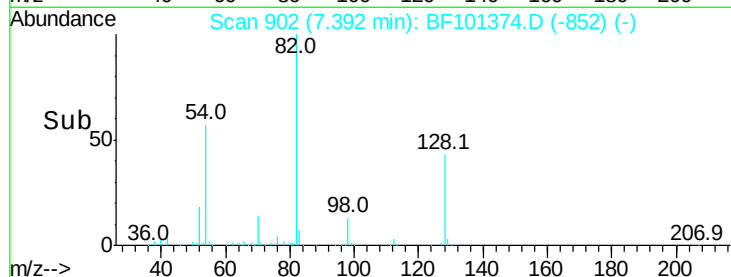
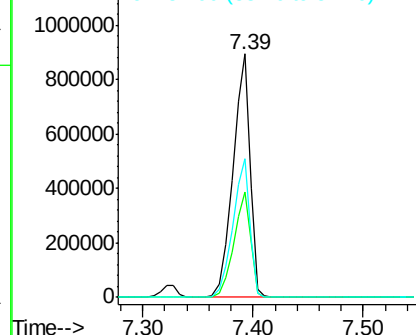
#23
 Nitrobenzene-d5
 Concen: 74.191 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 967107
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 56.8 41.4 62.2

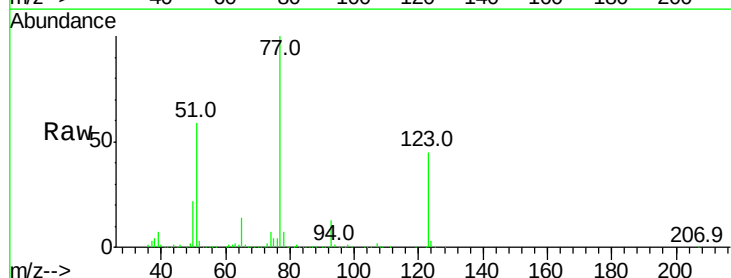


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

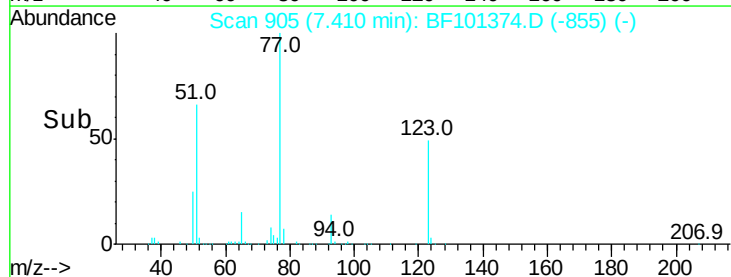
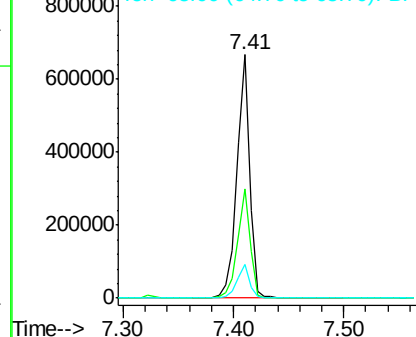


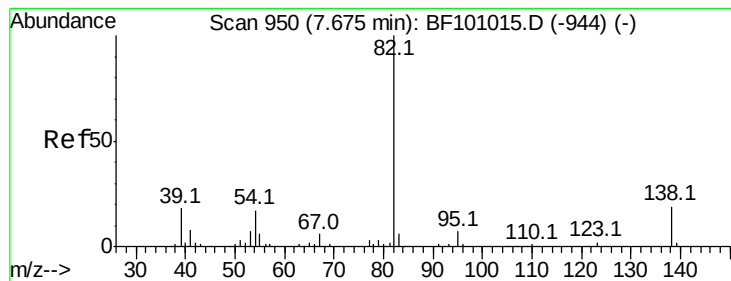
#24
 Nitrobenzene
 Concen: 42.579 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion: 77 Resp: 543982
 Ion Ratio Lower Upper
 77 100
 123 44.8 37.9 56.9
 65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 46.357 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

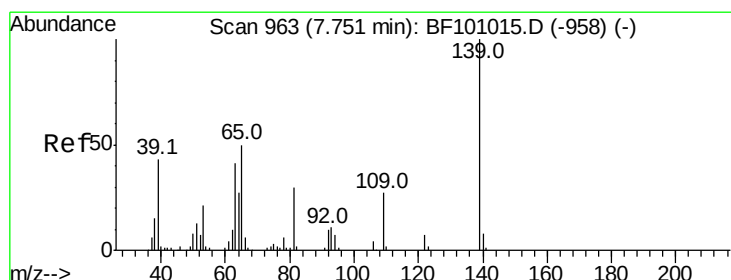
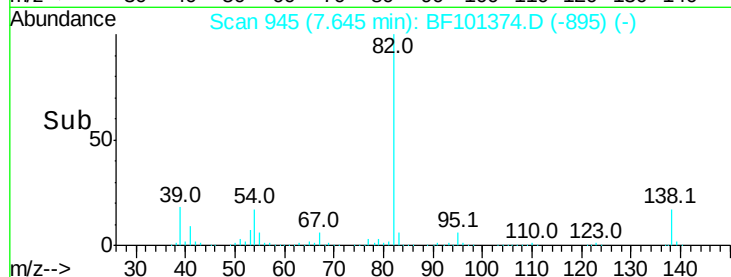
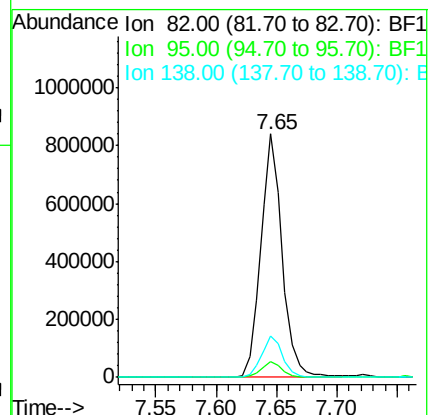
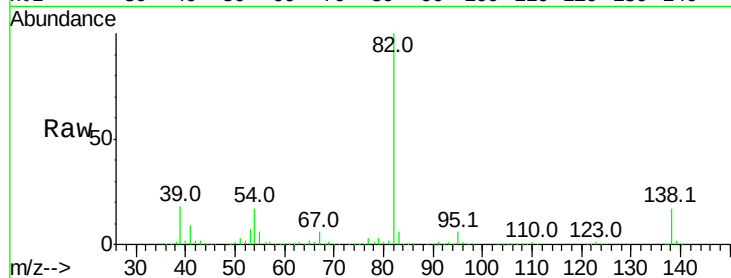
Tot Ion: 82 Resp: 1032173

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 30.556 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

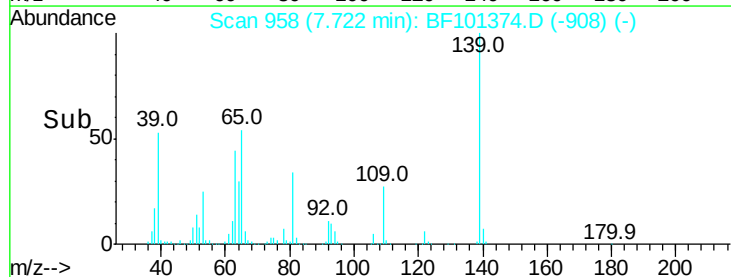
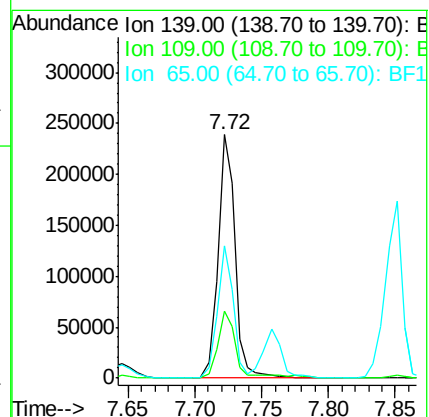
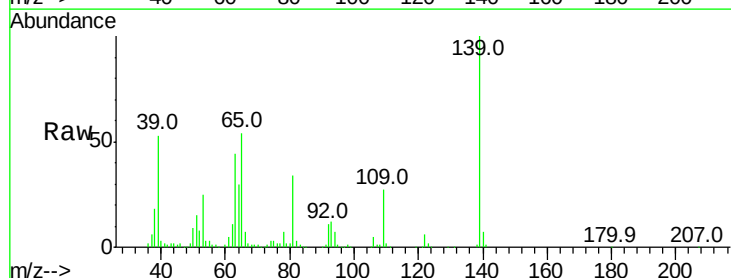
Tgt Ion:139 Resp: 214298

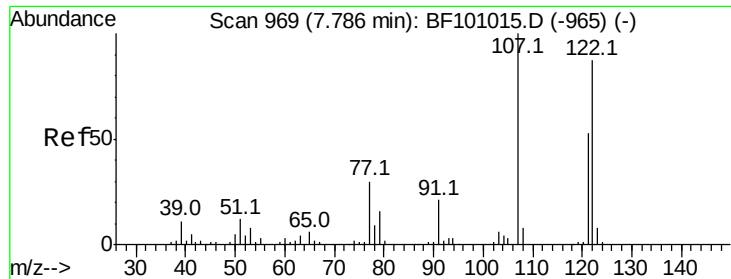
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 54.1 40.5 60.7

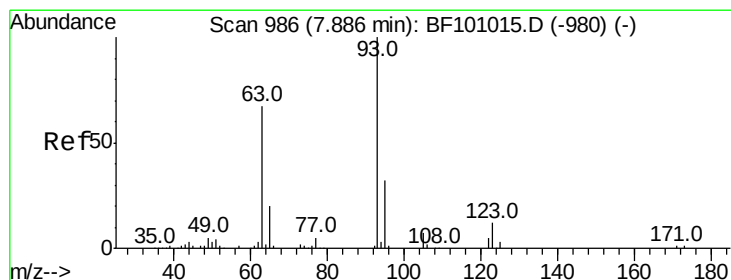
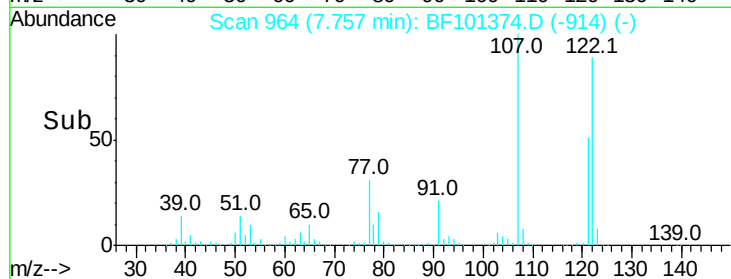
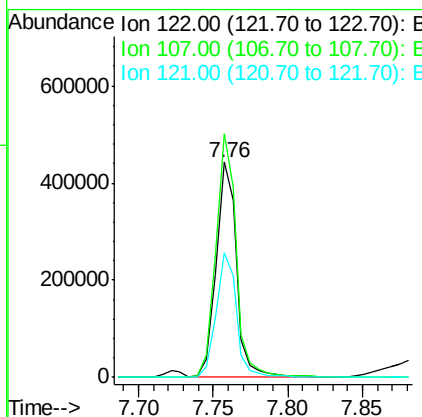
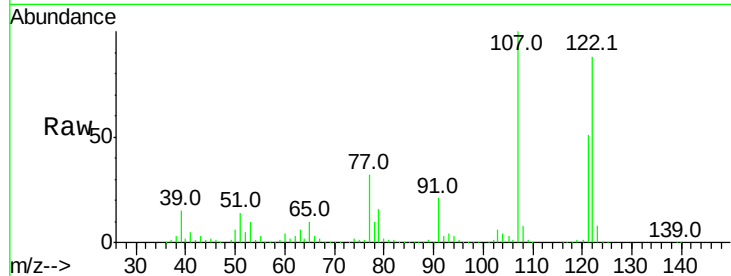




#27
 2,4-Dimethylphenol
 Concen: 41.535 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

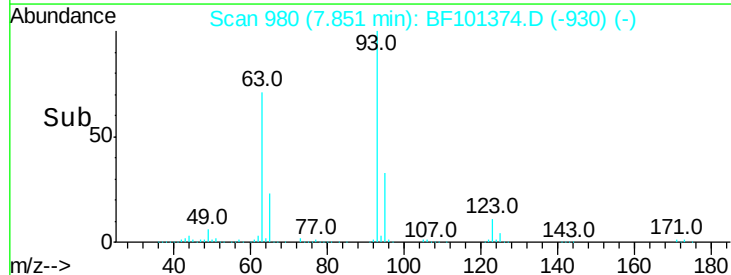
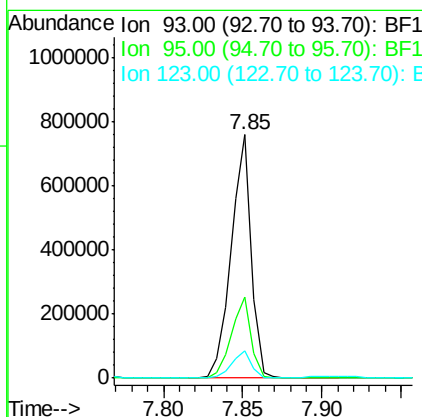
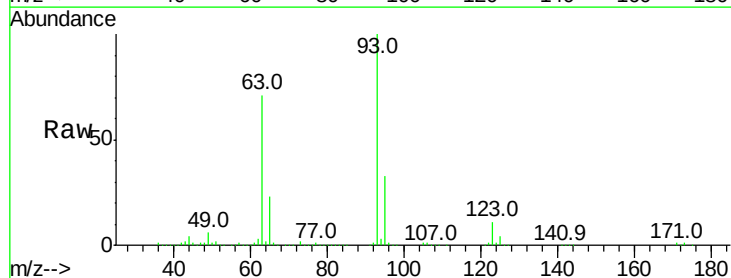
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

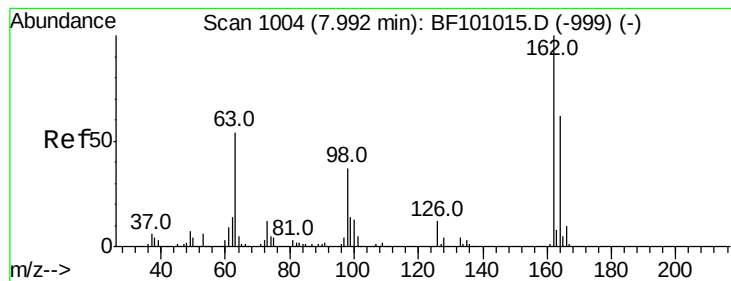
Tot Ion:122 Resp: 421383
 Ion Ratio Lower Upper
 122 100
 107 113.0 91.2 136.8
 121 57.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.404 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion: 93 Resp: 664506
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.3 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 37.806 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

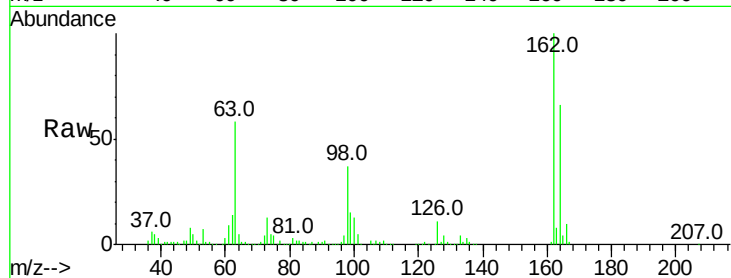
Tot Ion:162 Resp: 417495

Ion Ratio Lower Upper

162 100

164 65.5 42.7 82.7

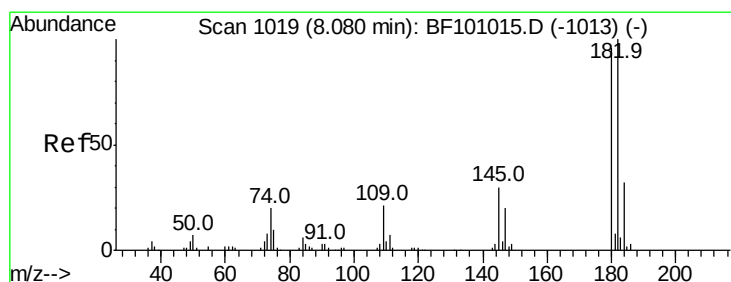
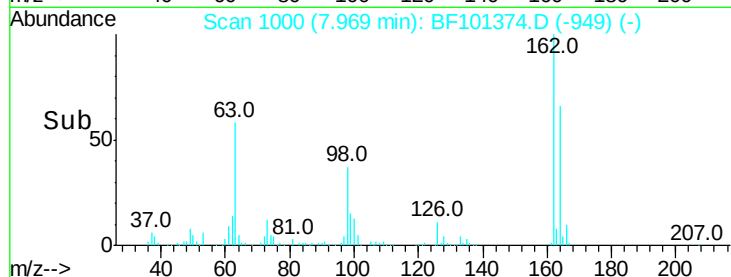
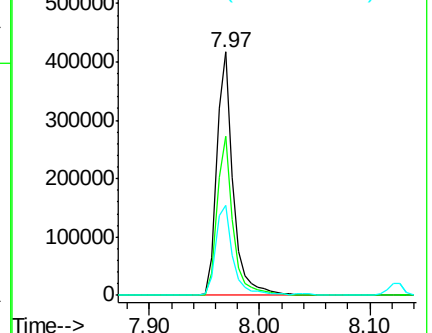
98 37.2 18.1 58.1



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: 36.229 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

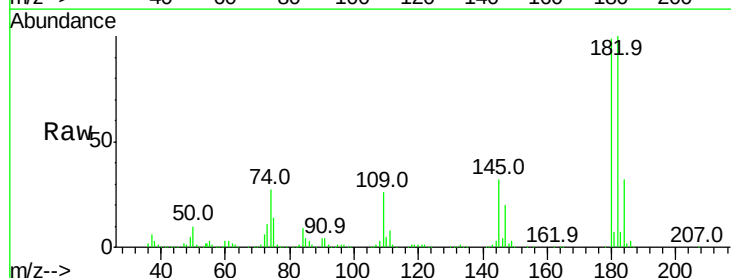
Tgt Ion:180 Resp: 439926

Ion Ratio Lower Upper

180 100

182 100.8 76.8 115.2

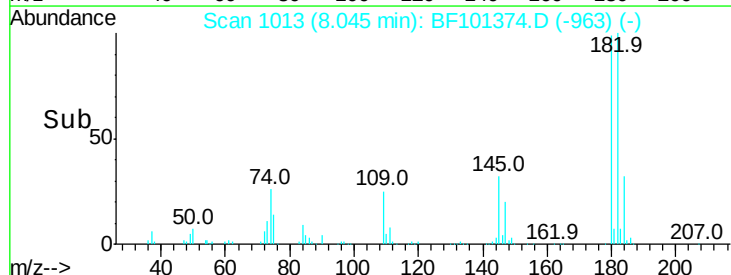
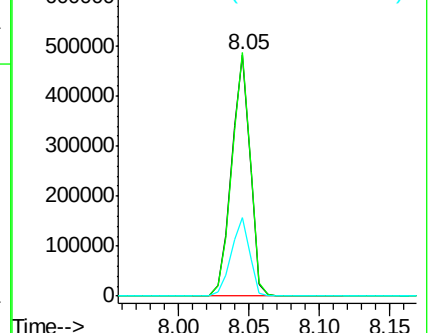
145 32.3 26.5 39.7

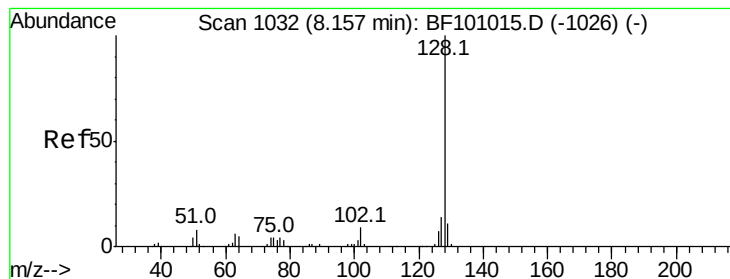


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.929 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

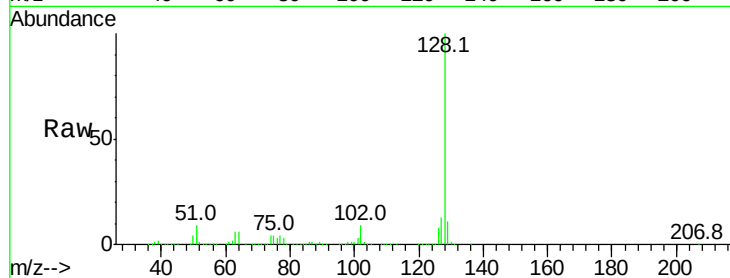
Tot Ion:128 Resp: 1415282

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

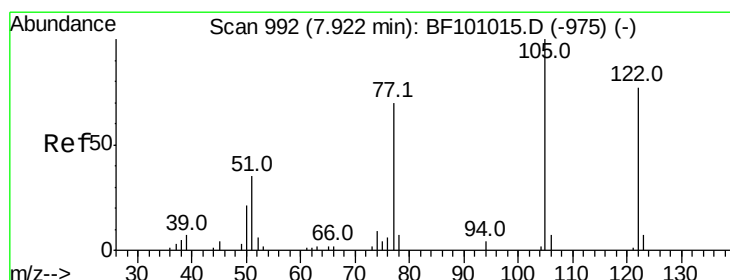
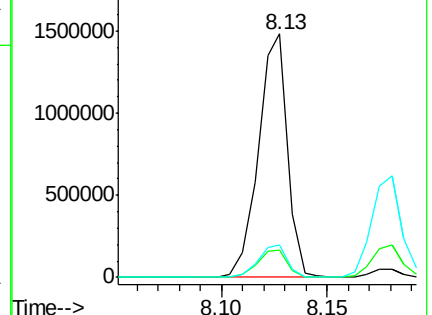
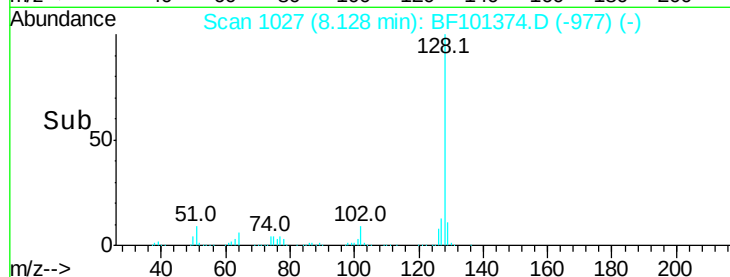
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.883 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

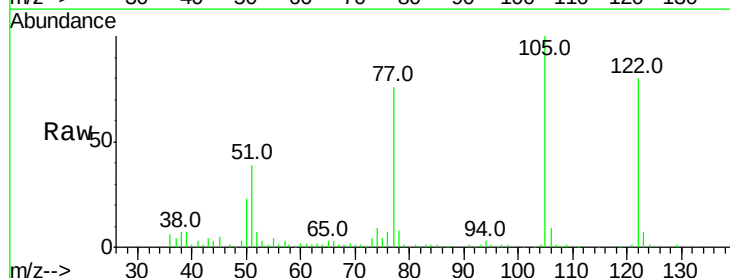
Tgt Ion:122 Resp: 227908

Ion Ratio Lower Upper

122 100

105 125.1 101.1 141.1

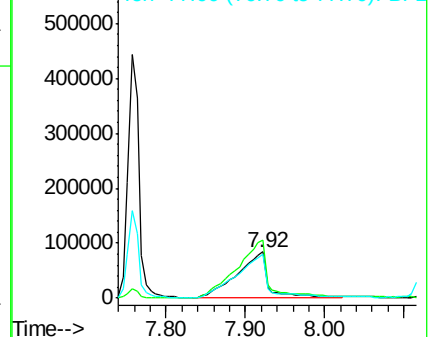
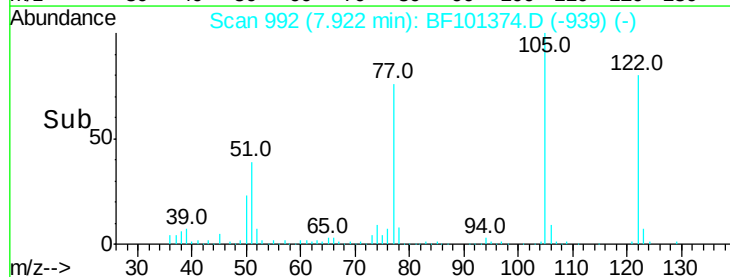
77 95.6 70.7 110.7

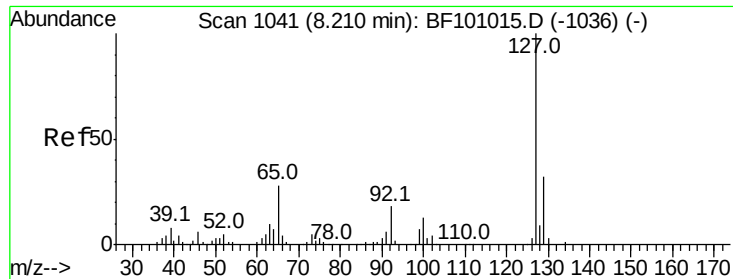


Abundance Ion 122.00 (121.70 to 122.70): E

600000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

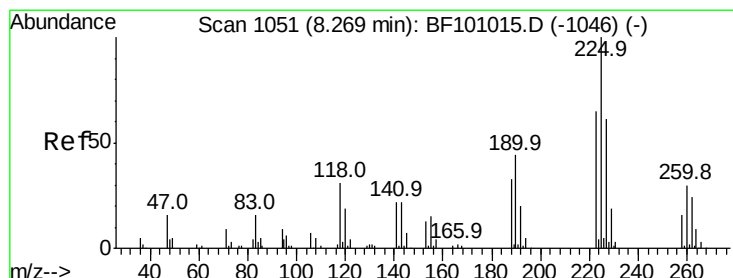
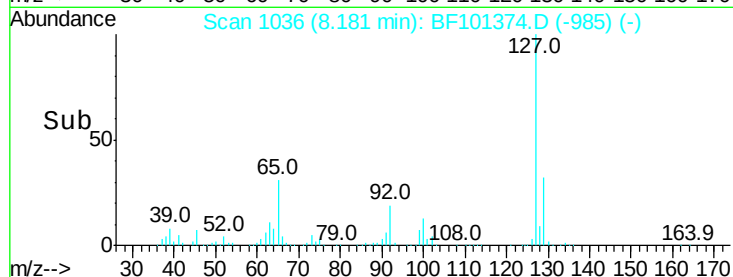
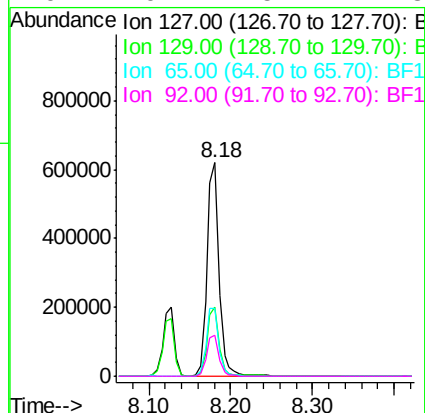
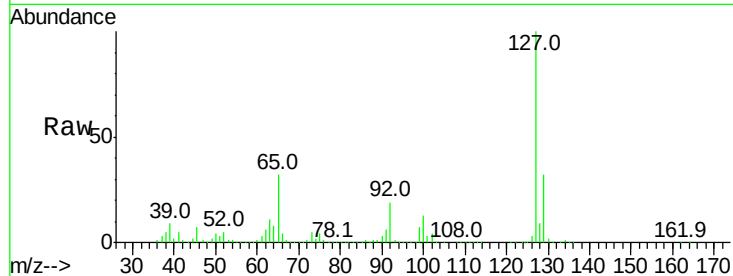




#33
 4-Chloroaniline
 Concen: 41.270 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

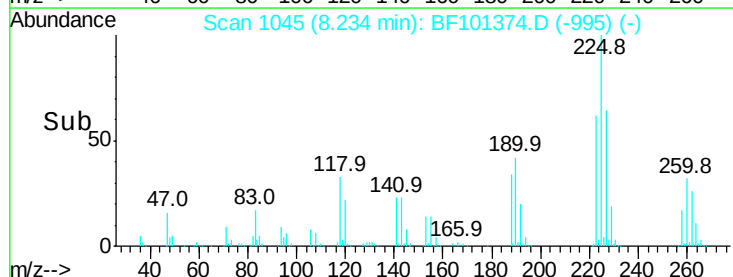
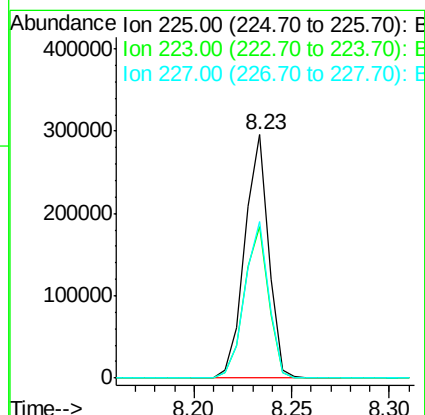
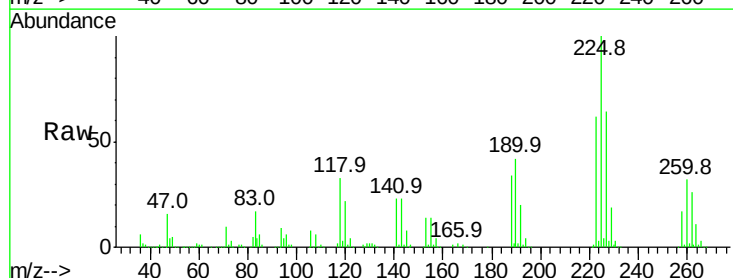
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

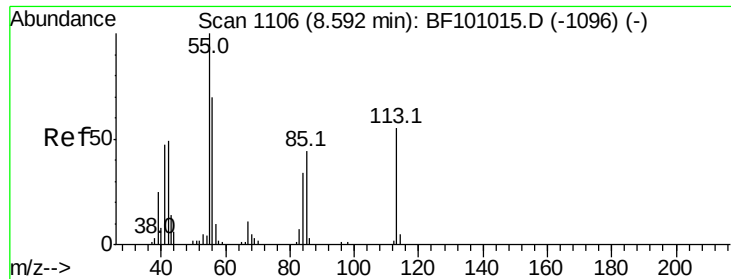
Tot Ion:	127	Resp:	635511
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.7	25.0	37.4
92	19.4	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 33.559 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:	225	Resp:	249940
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	64.1	51.9	77.9

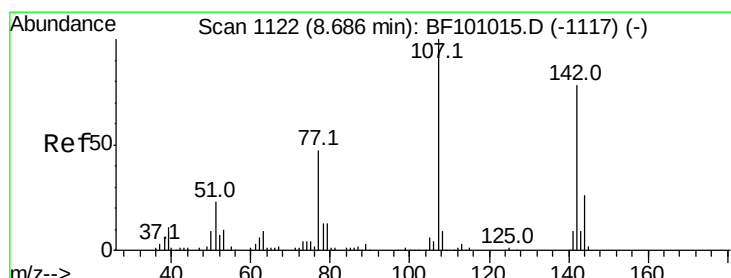
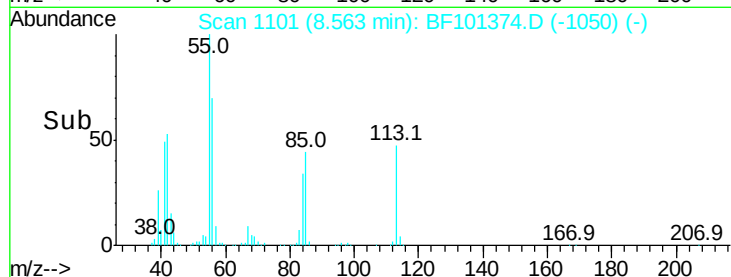
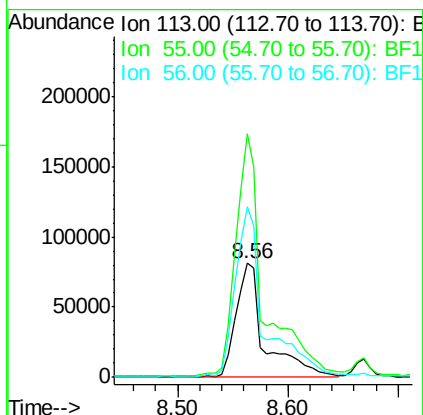
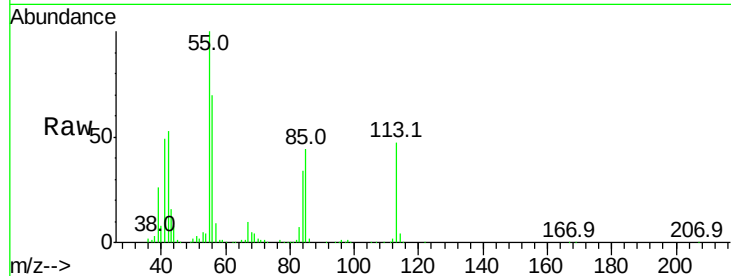




#35
 Caprolactam
 Concen: 43.476 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

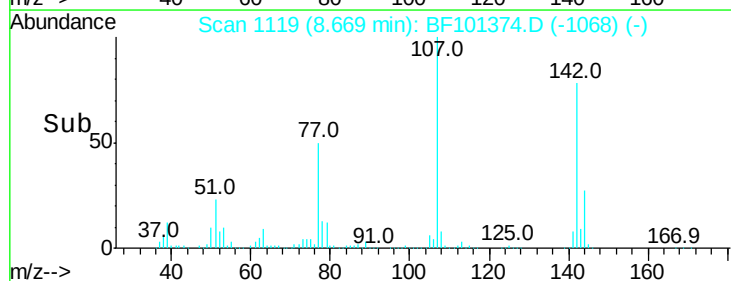
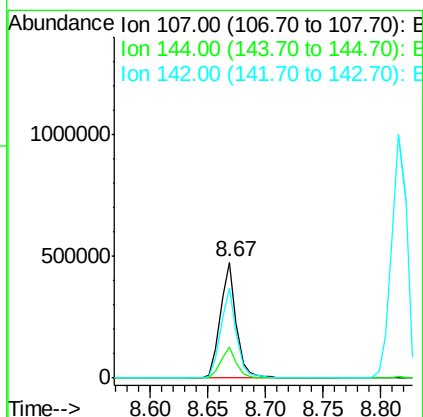
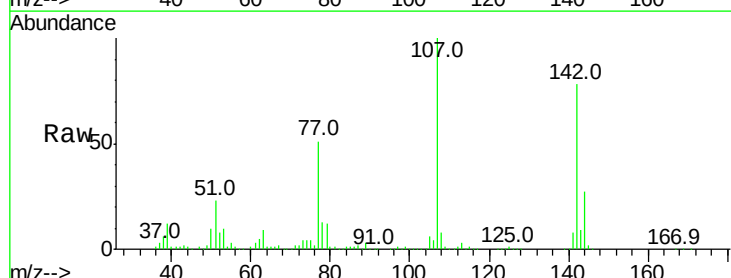
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

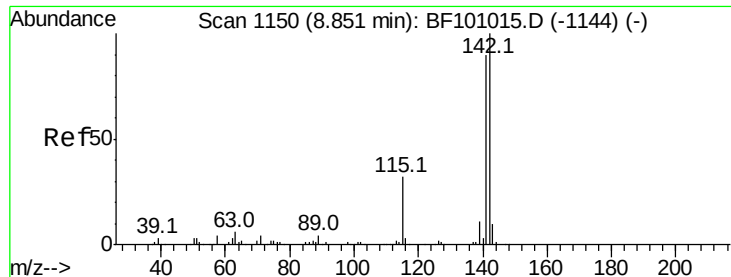
Tot Ion:113 Resp: 149625
 Ion Ratio Lower Upper
 113 100
 55 213.1 163.3 203.3#
 56 149.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.292 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:107 Resp: 460910
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 78.3 62.0 93.0

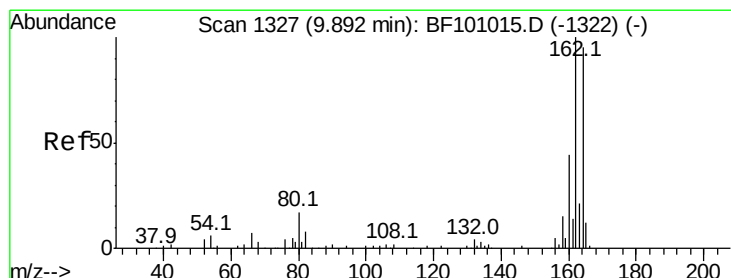
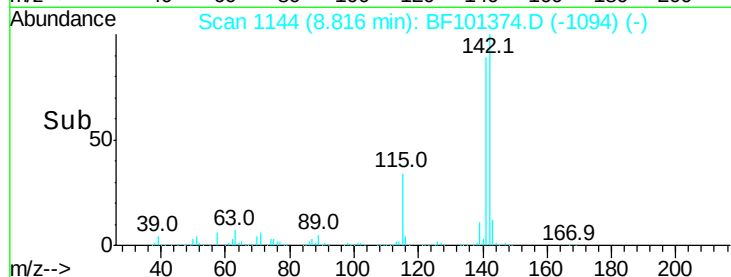
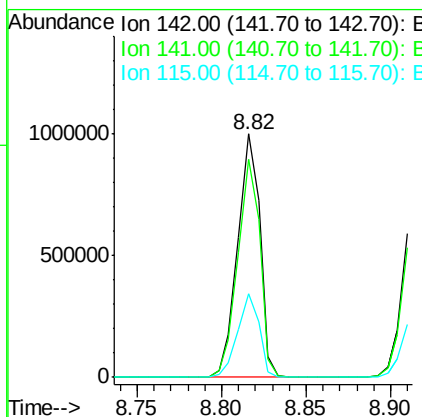
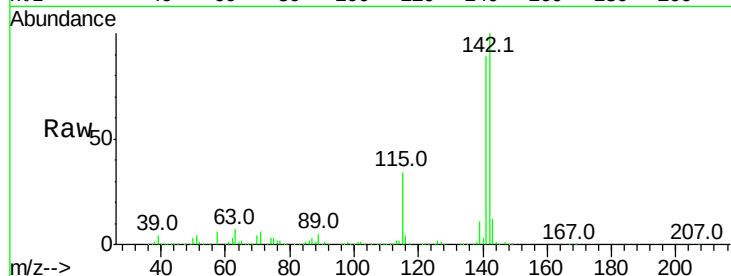




#37
2-Methylnaphthalene
Concen: 35.408 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

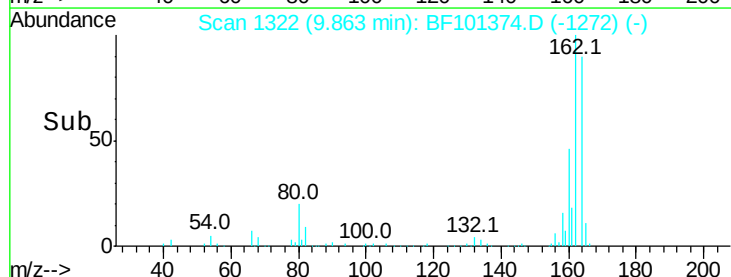
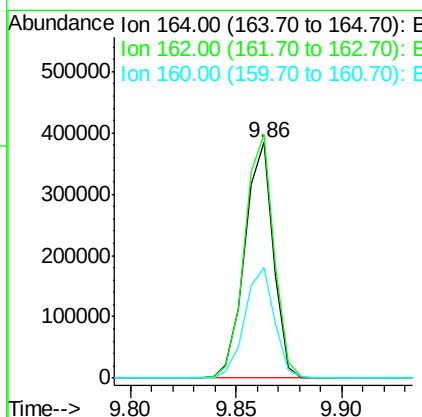
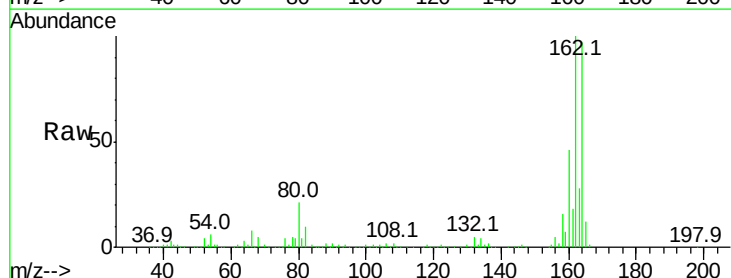
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

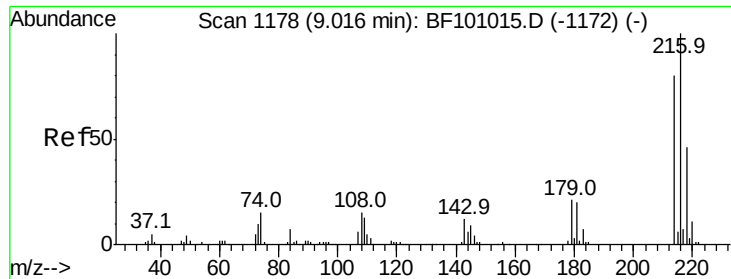
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	34.4	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	47.1	38.3	57.5

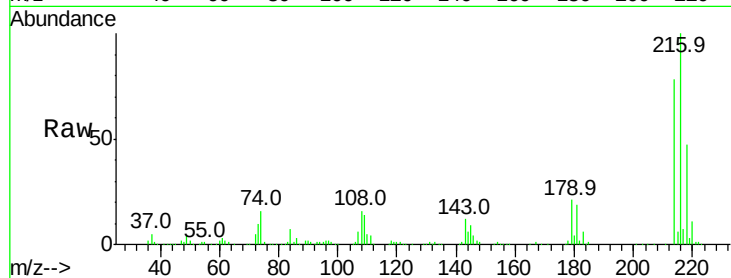




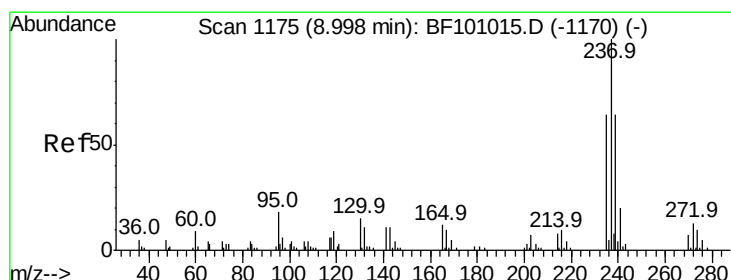
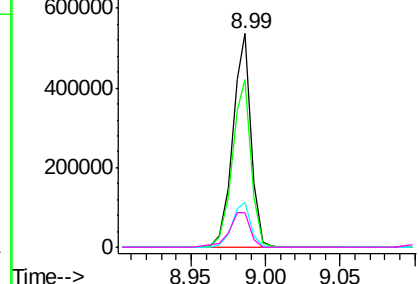
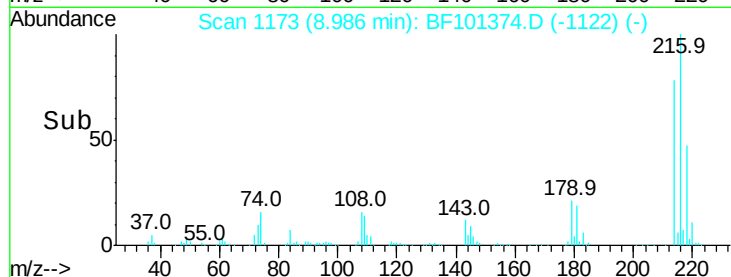
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.491 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	464185
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.0	94.4
179	21.3	18.1	27.1
108	18.9	17.2	25.8

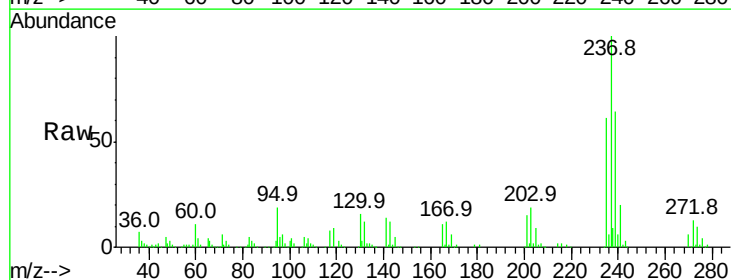


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

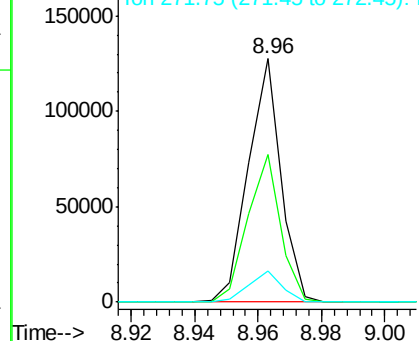
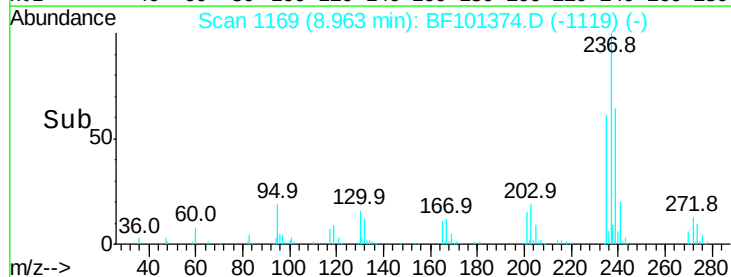


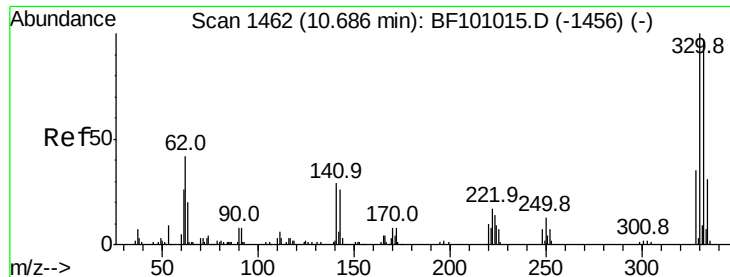
#40
 Hexachlorocyclopentadiene
 Concen: 25.229 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:	237	Resp:	90560
Ion Ratio	Lower	Upper	
237	100		
235	60.8	44.8	84.8
272	12.8	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 58.096 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

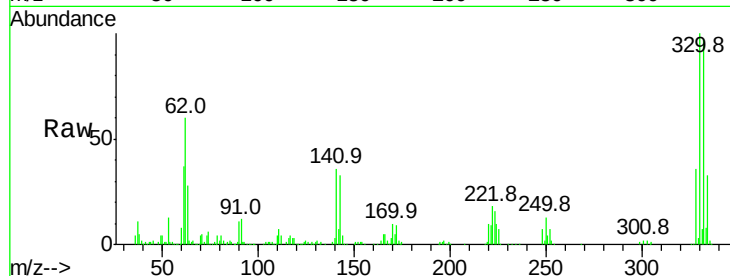
Tot Ion:330 Resp: 251258

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

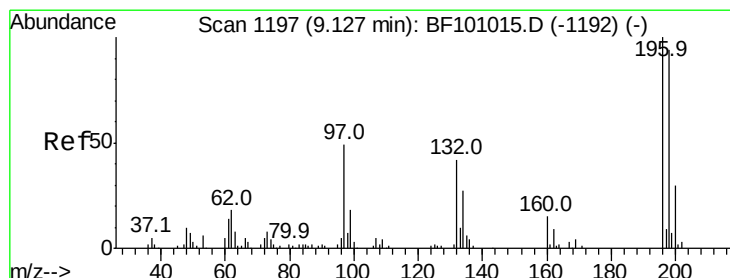
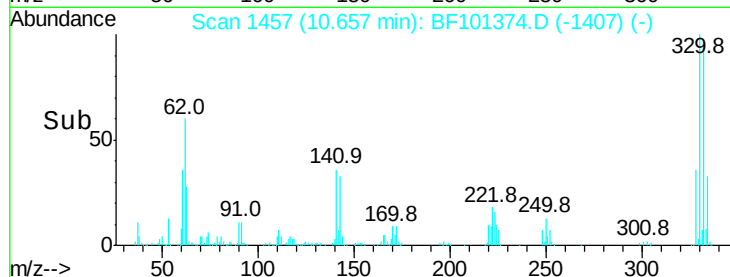
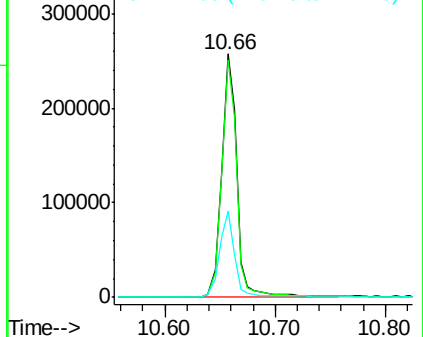
141 34.6 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.698 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

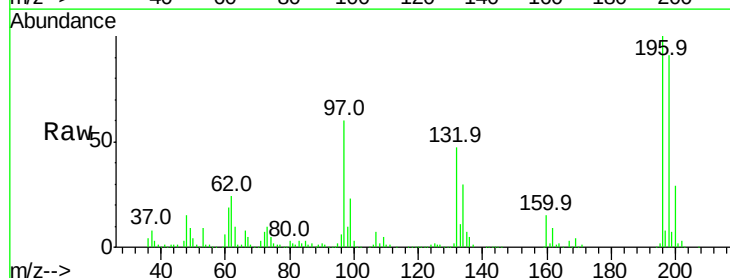
Tgt Ion:196 Resp: 273696

Ion Ratio Lower Upper

196 100

198 90.9 75.7 113.5

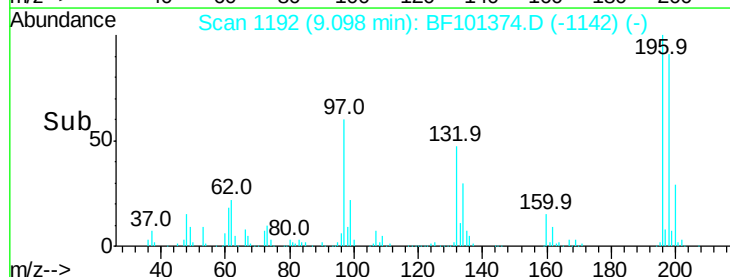
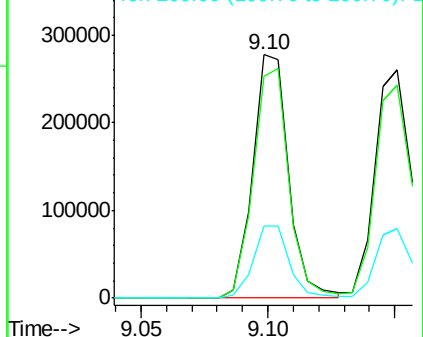
200 29.4 24.5 36.7

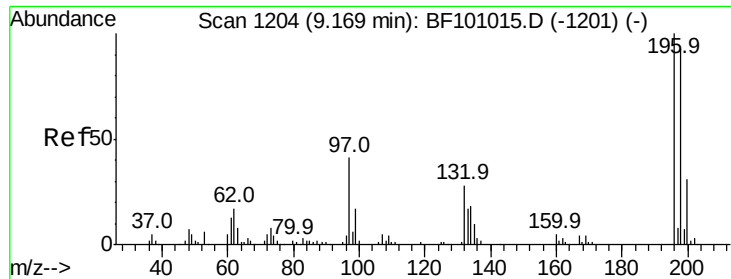


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

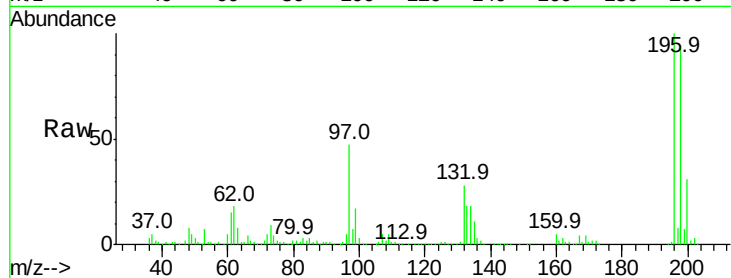




#43
 2,4,5-Trichlorophenol
 Concen: 36.338 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	46.7	42.9	64.3
132	27.6	26.3	39.5



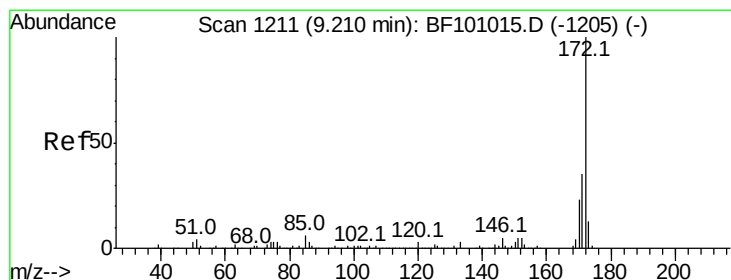
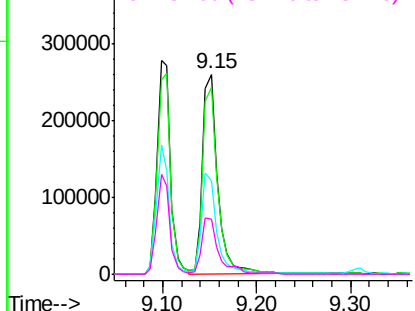
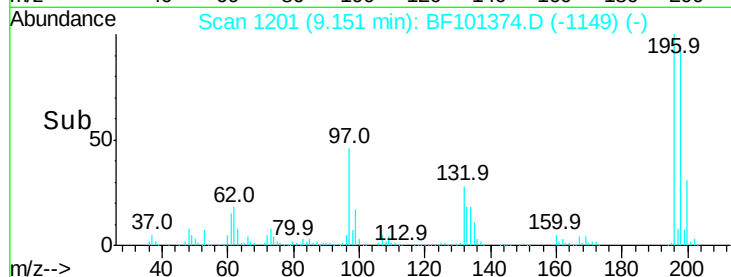
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

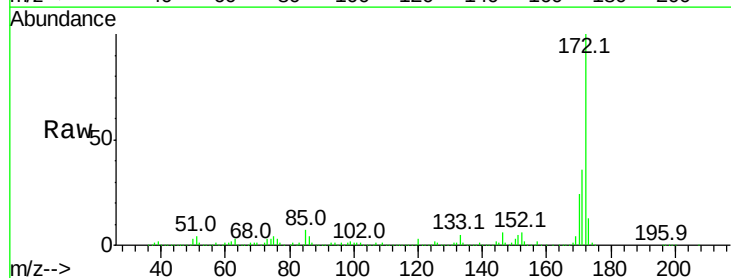
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.480 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

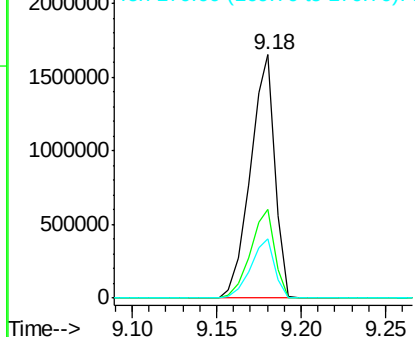
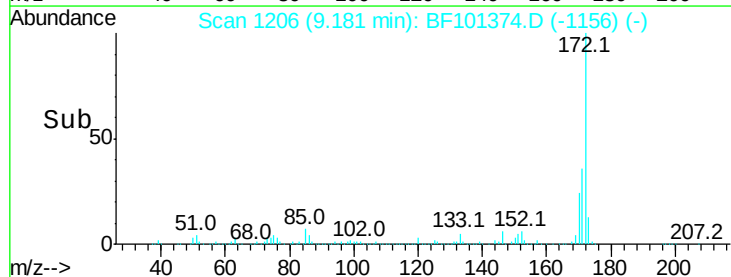


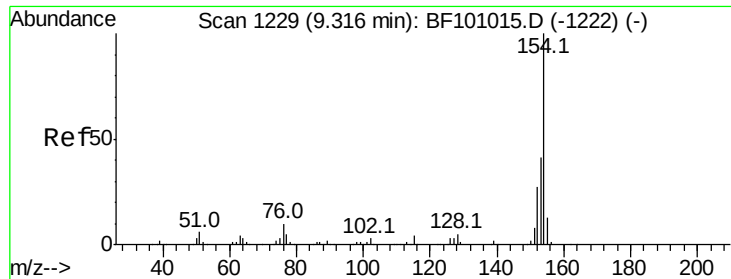
Abundance

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



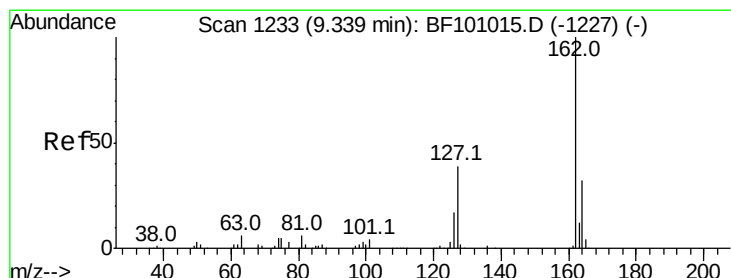
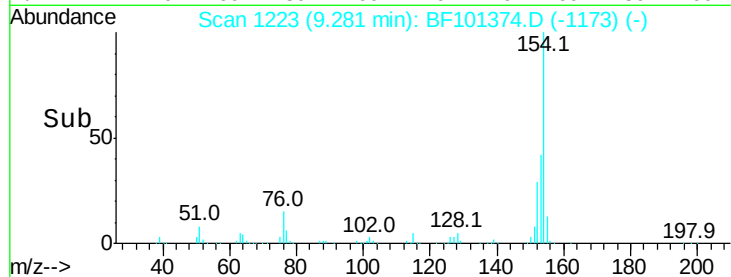
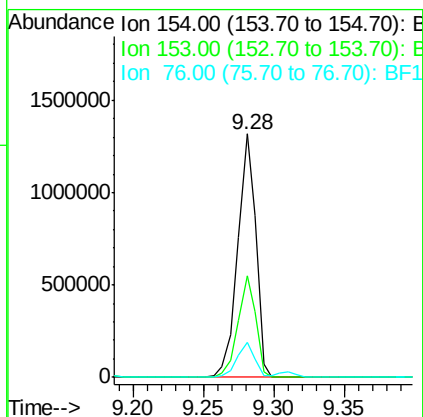
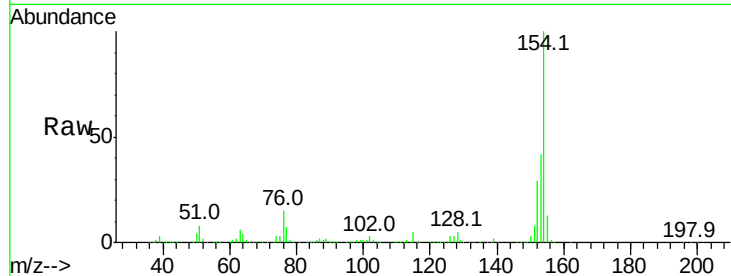


#45
 1,1'-Biphenyl
 Concen: 35.642 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1175657

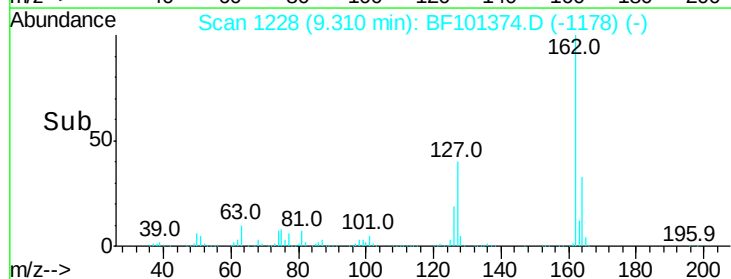
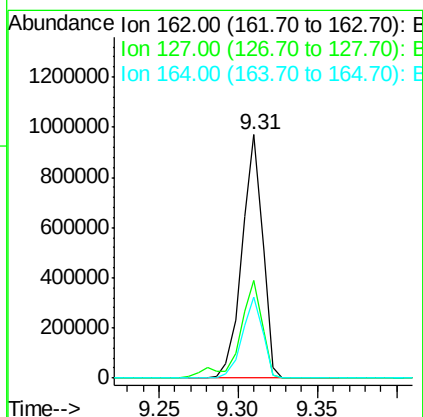
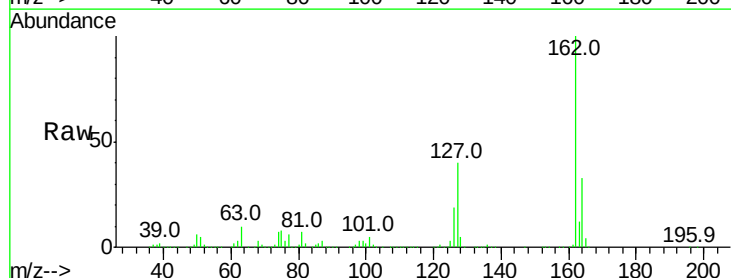
Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	14.6	0.0	34.0

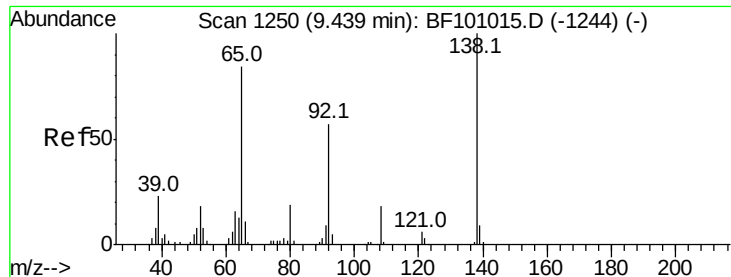


#46
 2-Chloronaphthalene
 Concen: 37.190 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:162 Resp: 871183

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.4	26.5	39.7





#47

2-Nitroaniline

Concen: 39.470 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

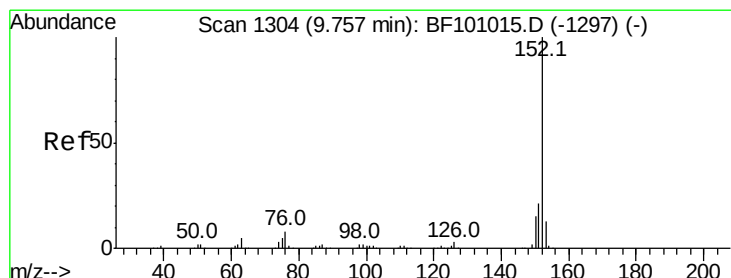
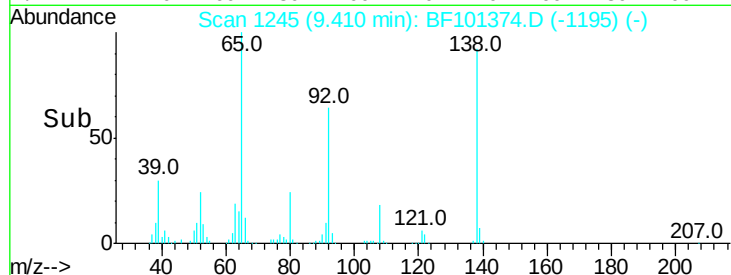
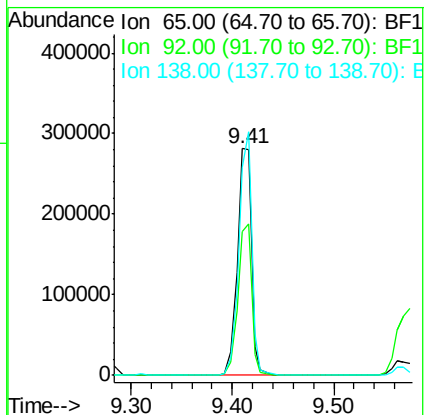
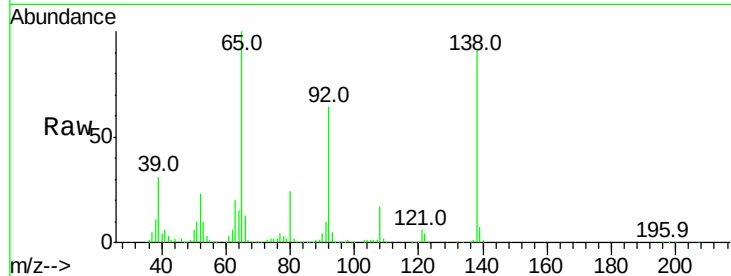
Tot Ion: 65 Resp: 273554

Ion Ratio Lower Upper

65 100

92 63.7 55.8 83.6

138 91.5 91.2 136.8



#48

Acenaphthylene

Concen: 35.275 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

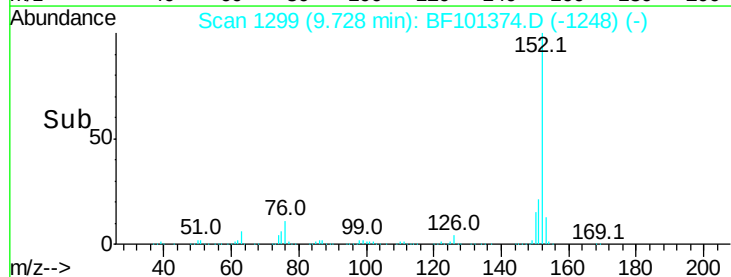
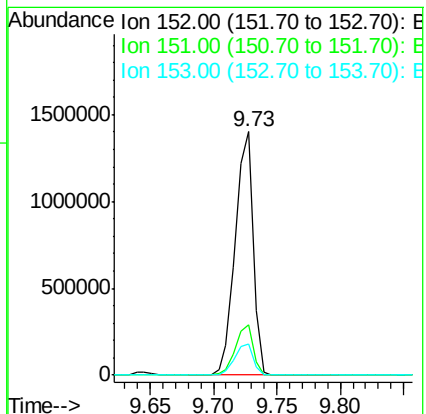
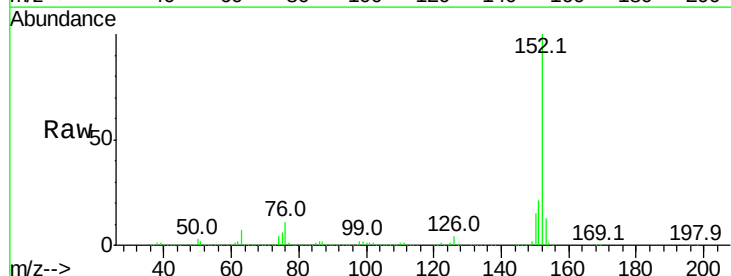
Tgt Ion: 152 Resp: 1357980

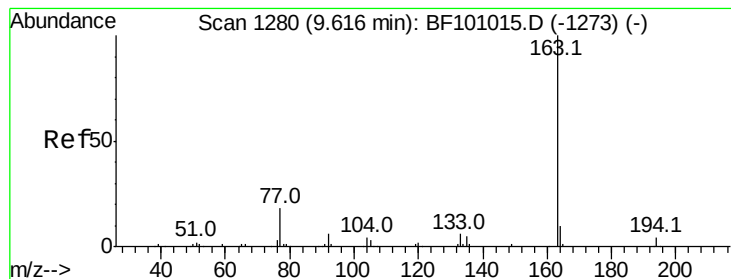
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 36.153 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

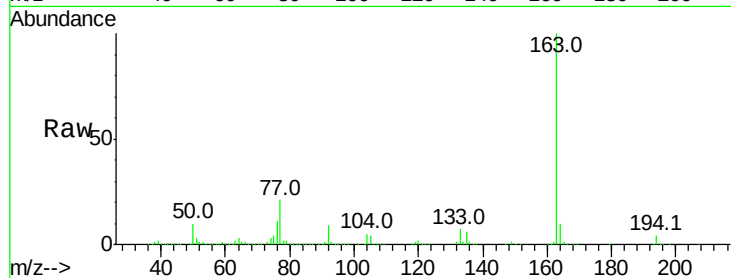
Tot Ion:163 Resp: 1049709

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

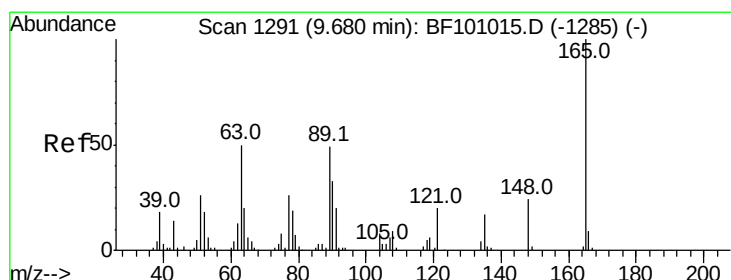
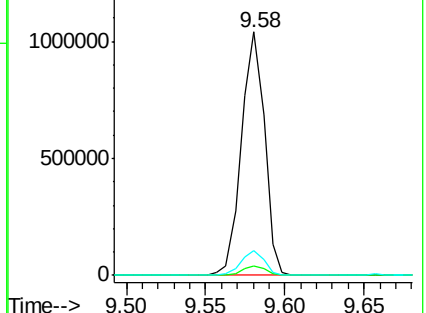
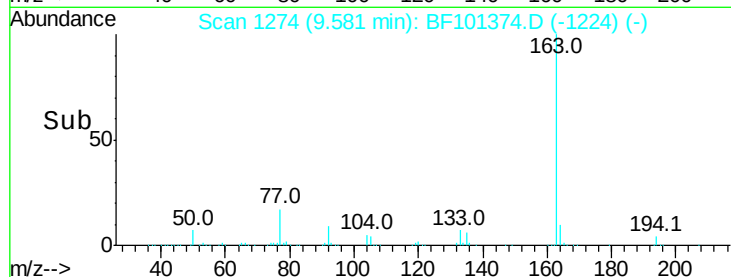
164 10.3 8.2 12.2



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: 34.175 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

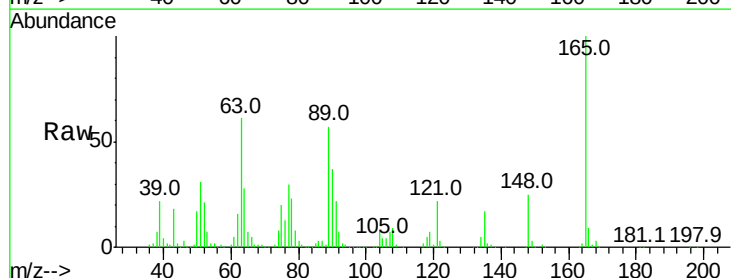
Tgt Ion:165 Resp: 208994

Ion Ratio Lower Upper

165 100

63 60.5 44.7 67.1

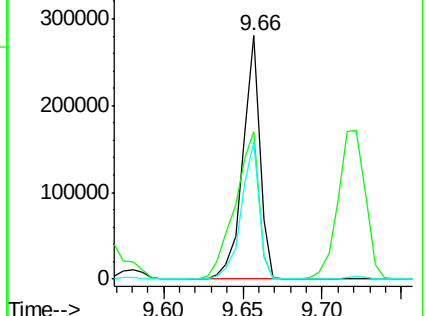
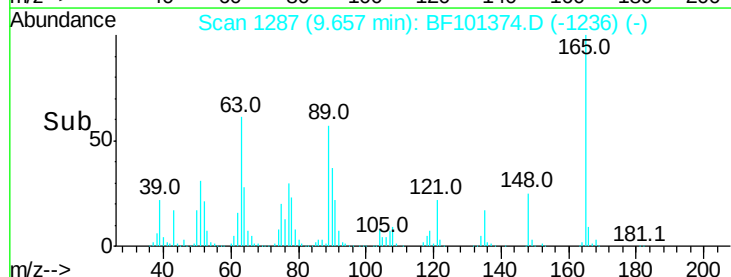
89 56.7 44.0 66.0

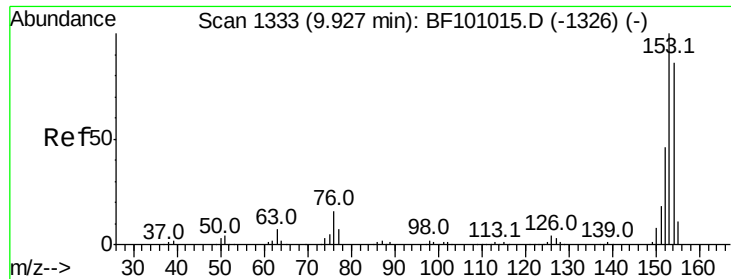


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.665 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

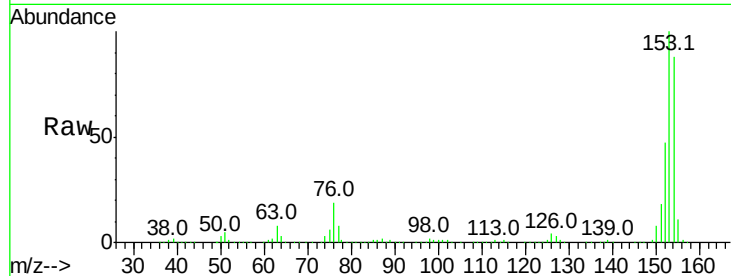
Tot Ion:154 Resp: 822136

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

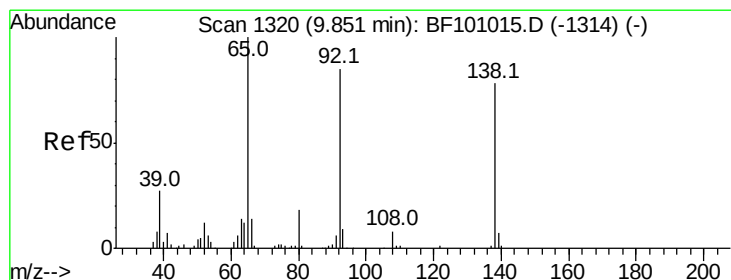
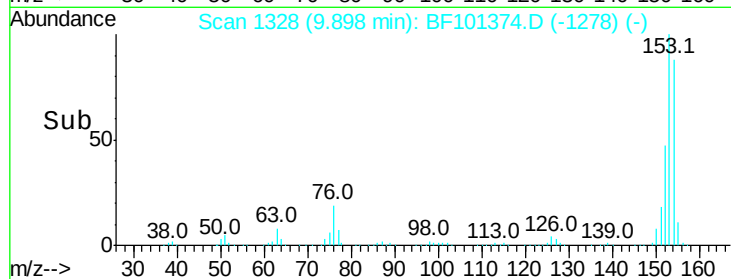
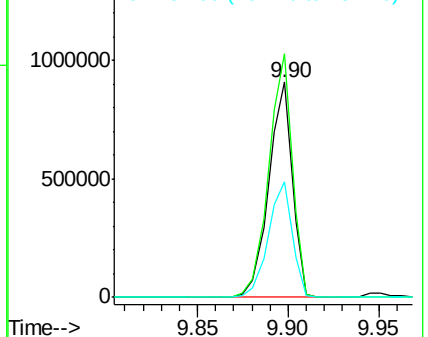
152 53.6 43.8 65.8



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: 37.603 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

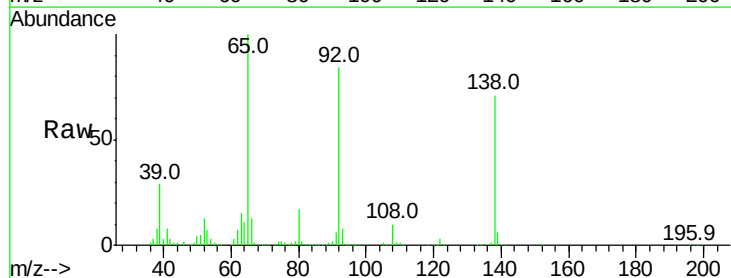
Tgt Ion:138 Resp: 258606

Ion Ratio Lower Upper

138 100

108 13.4 9.4 14.0

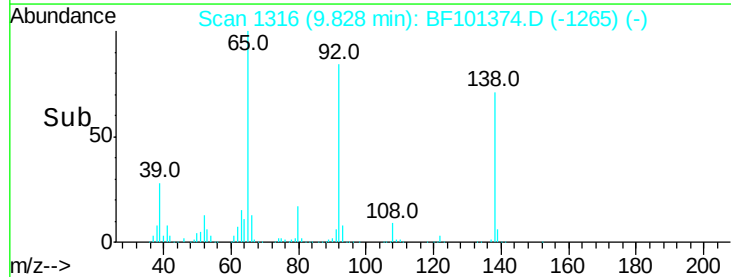
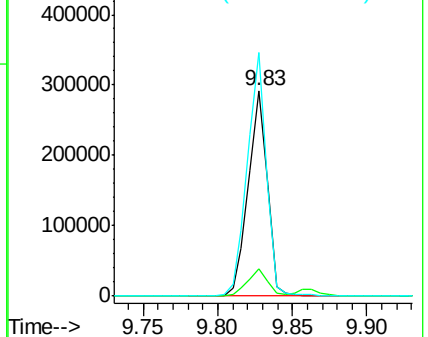
92 118.3 89.4 134.2

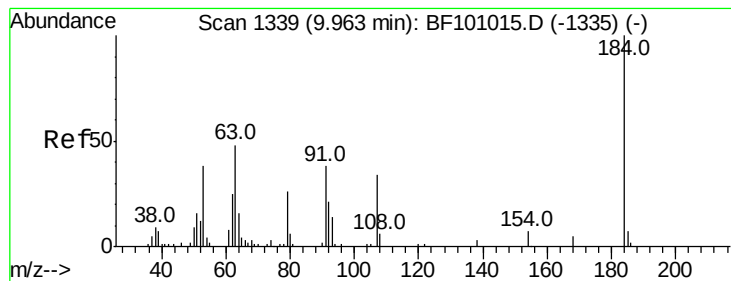


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 17.295 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

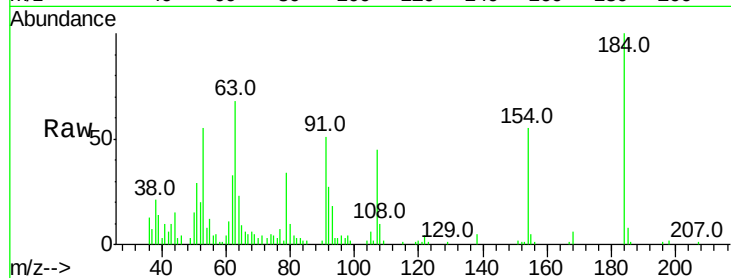
Tot Ion:184 Resp: 41726

Ion Ratio Lower Upper

184 100

63 67.7 54.2 81.2

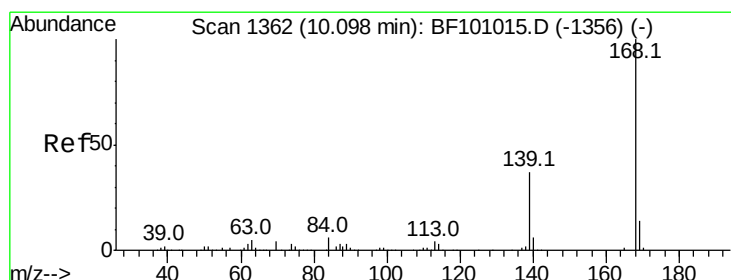
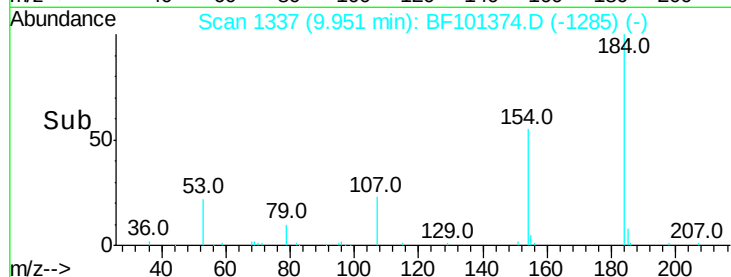
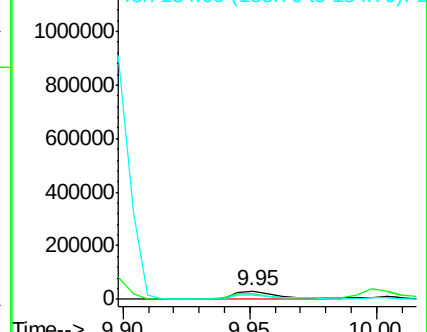
154 54.7 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 32.884 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

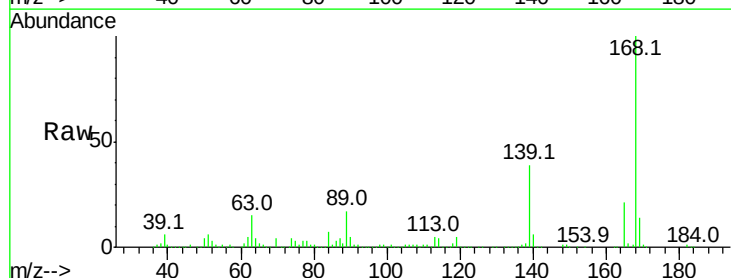
Tgt Ion:168 Resp: 1092411

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

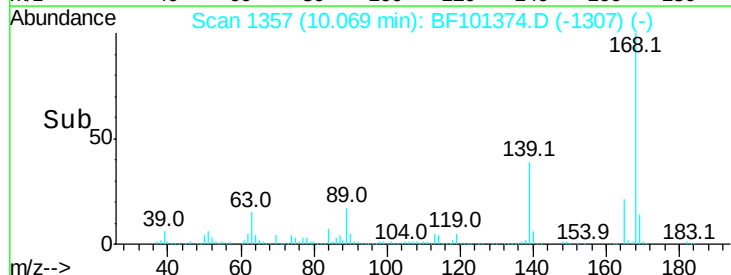
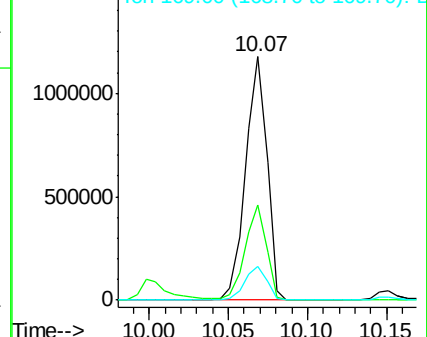
169 14.0 10.9 16.3

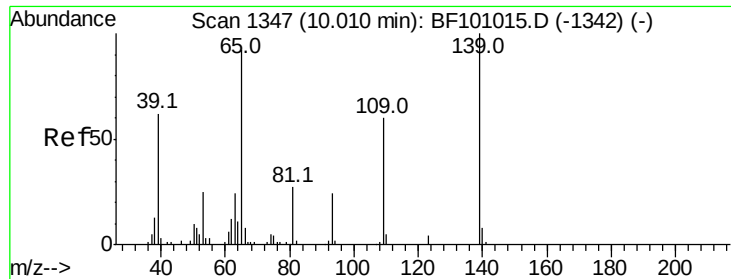


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

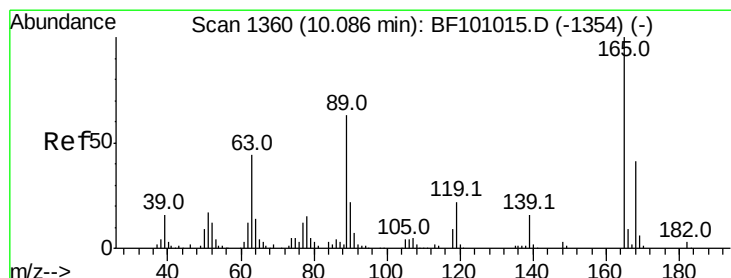
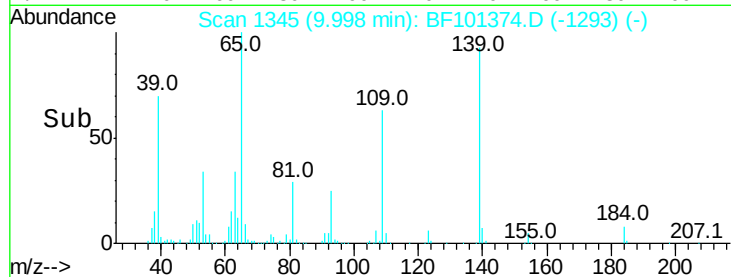
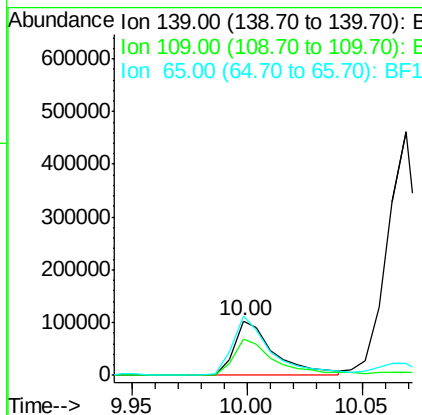
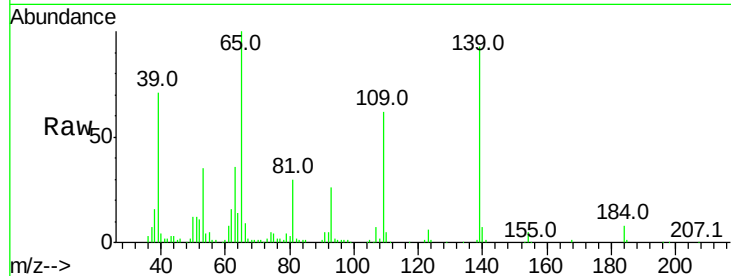




#55
4-Nitrophenol
Concen: 26.944 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

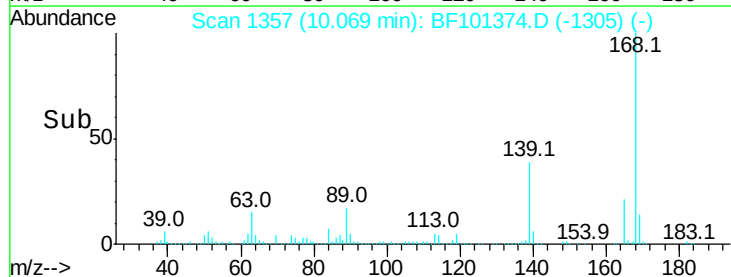
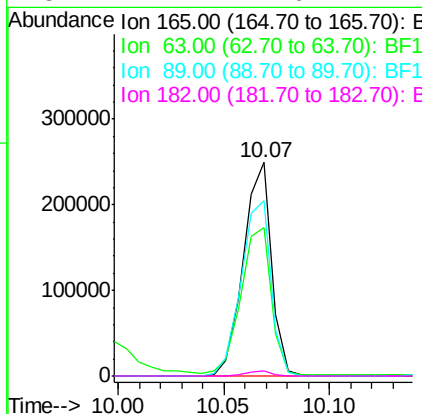
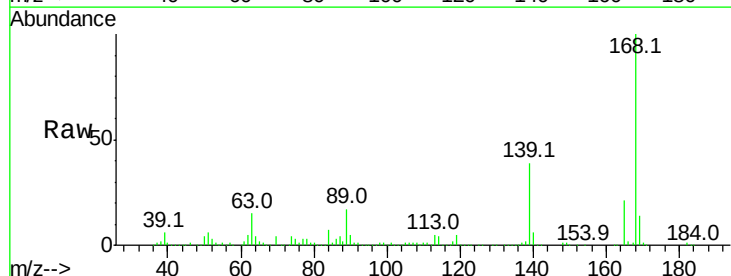
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

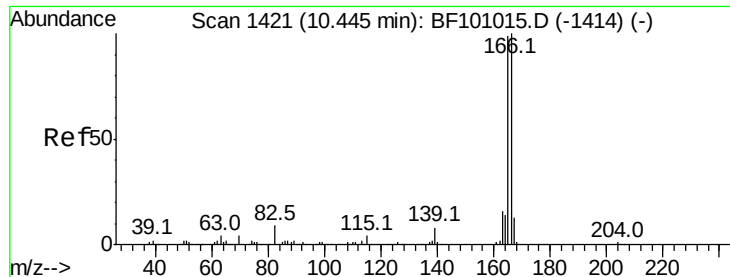
Tot Ion:139 Resp: 124967
Ion Ratio Lower Upper
139 100
109 67.4 48.4 88.4
65 108.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 28.002 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:165 Resp: 229498
Ion Ratio Lower Upper
165 100
63 69.4 36.4 54.6#
89 82.1 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 34.200 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

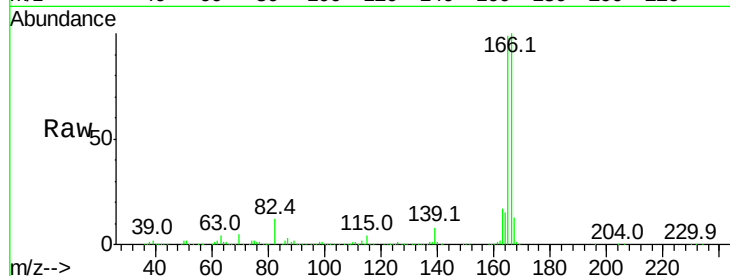
Tot Ion:166 Resp: 923562

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

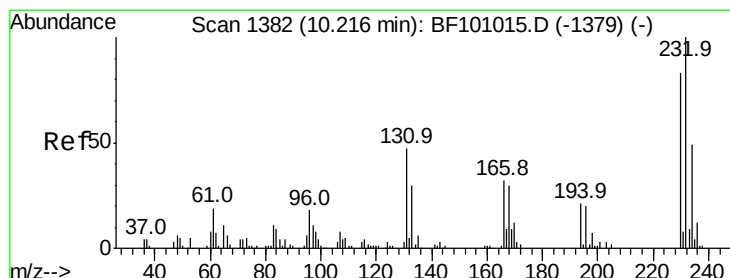
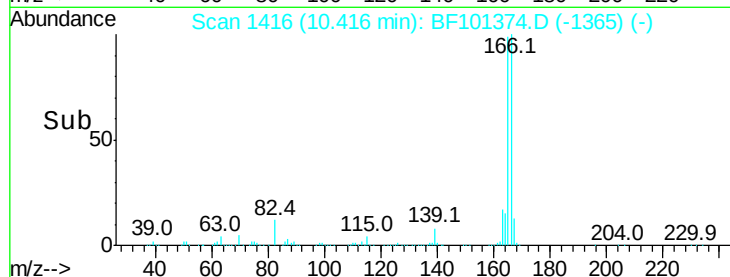
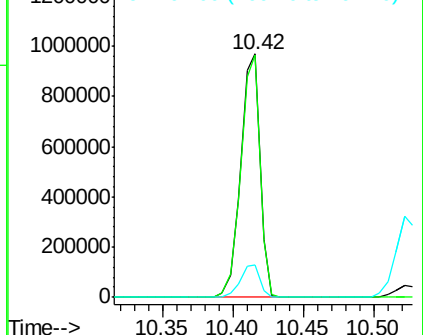
167 13.4 10.6 16.0



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: 31.486 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Tgt Ion:232 Resp: 206636

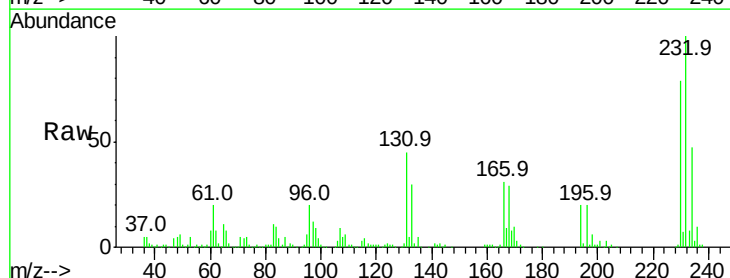
Ion Ratio Lower Upper

232 100

131 45.4 43.8 65.8

130 2.2 2.1 3.1

166 29.7 27.8 41.6

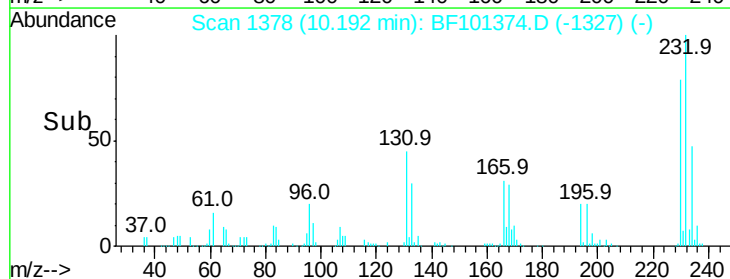
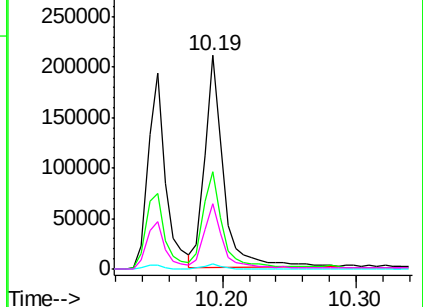


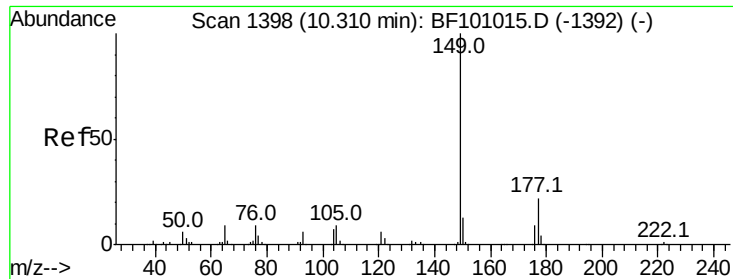
Abundance Ion 232.00 (231.70 to 232.70): E

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

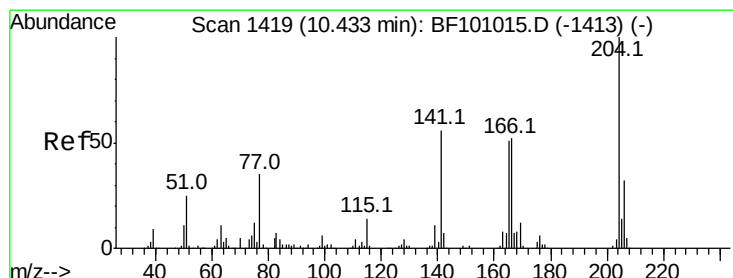
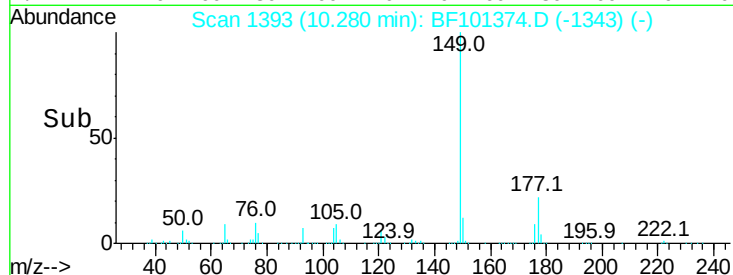
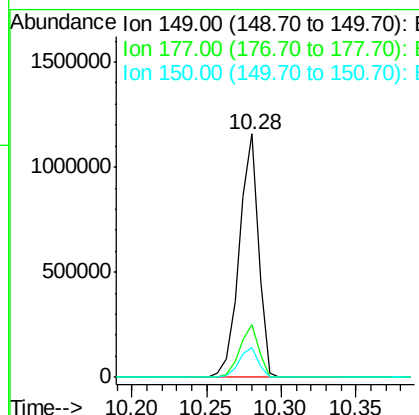
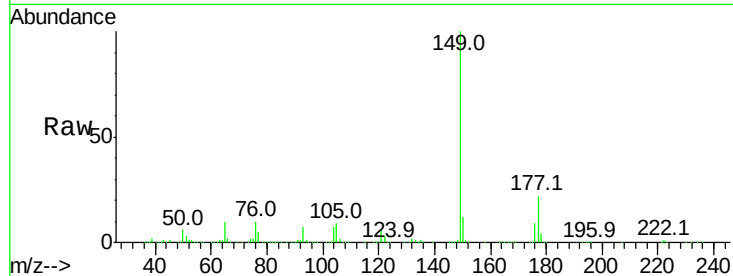




#59
 Diethylphthalate
 Concen: 36.498 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

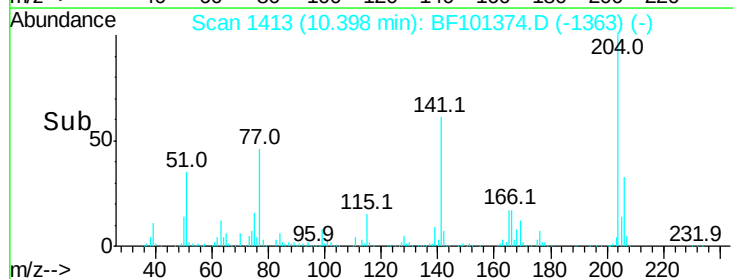
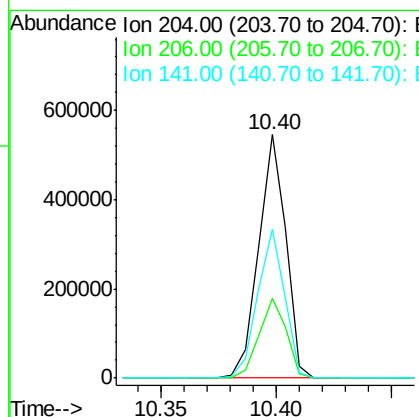
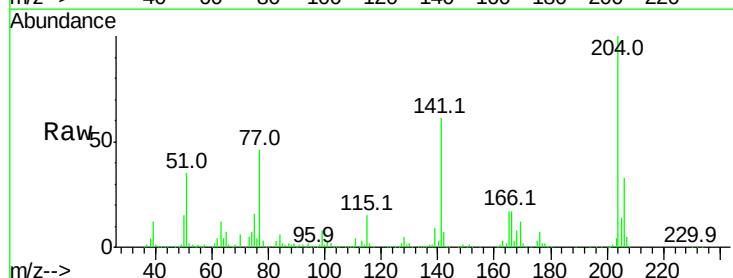
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

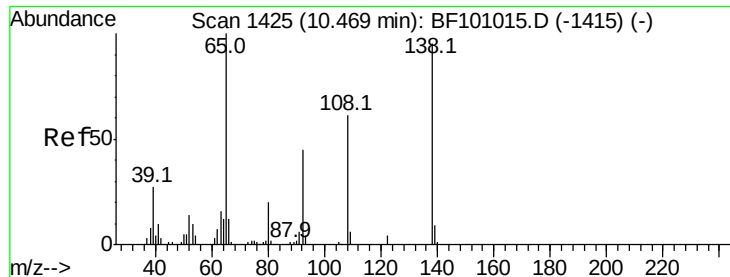
Tot Ion:	149	Resp:	1045238
Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.4	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 33.694 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:	204	Resp:	449258
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	61.0	54.6	81.8





#61

4-Nitroaniline

Concen: 37.198 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

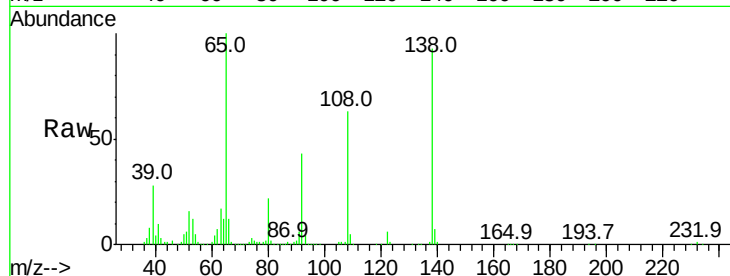
Tot Ion:138 Resp: 265555

Ion Ratio Lower Upper

138 100

92 46.5 30.2 70.2

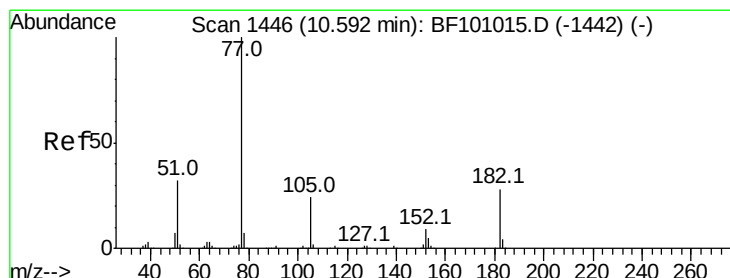
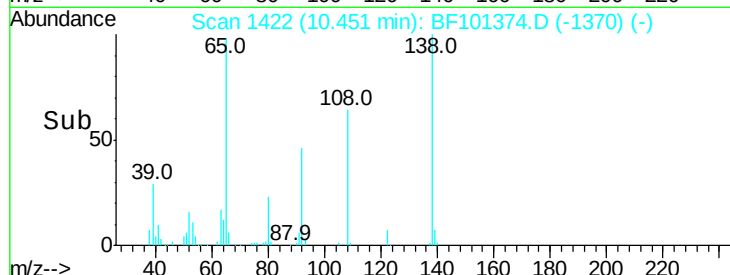
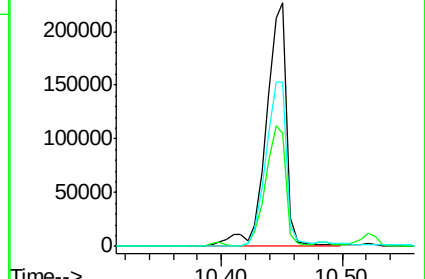
108 67.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.548 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Tgt Ion: 77 Resp: 1058394

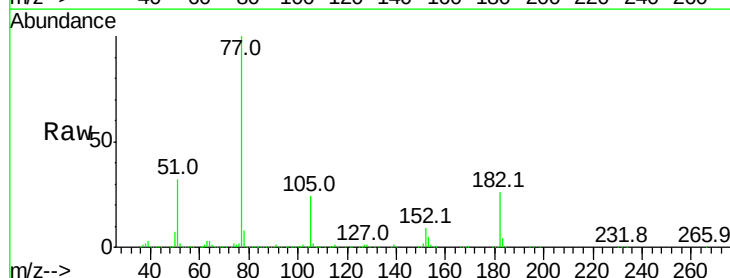
Ion Ratio Lower Upper

77 100

182 25.9 1.7 41.7

105 24.2 3.0 43.0

51 32.4 9.9 49.9

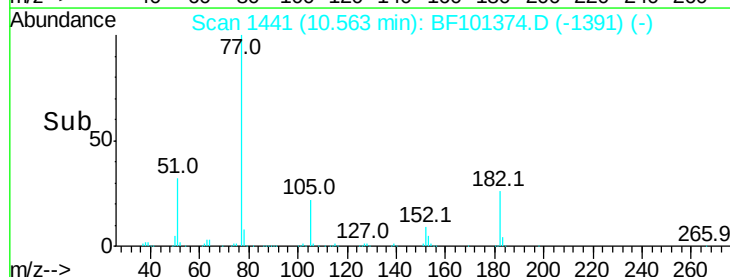
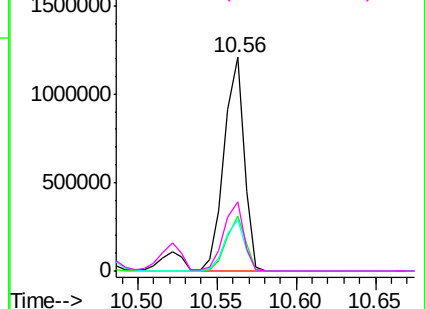


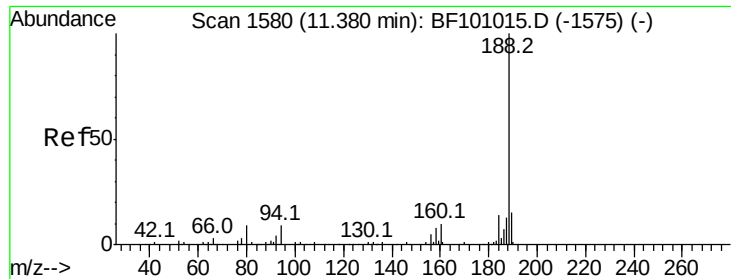
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

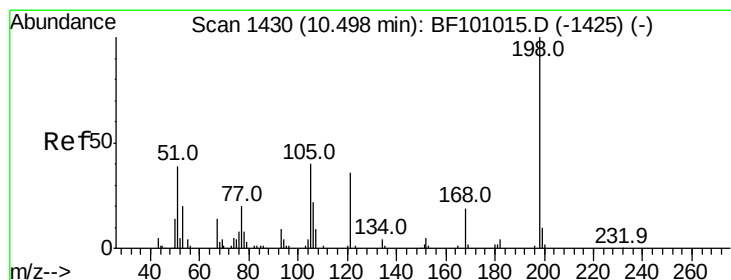
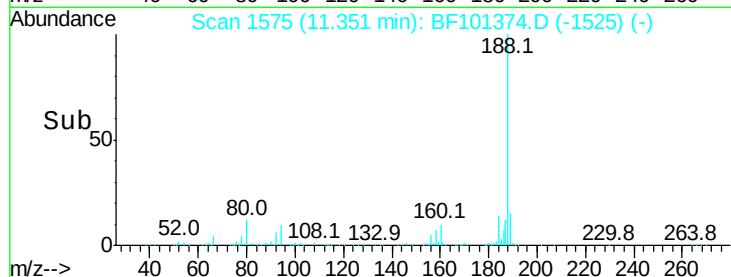
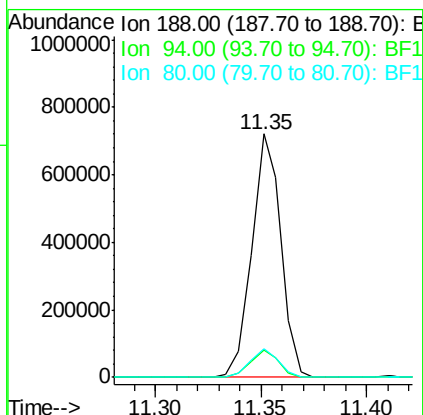
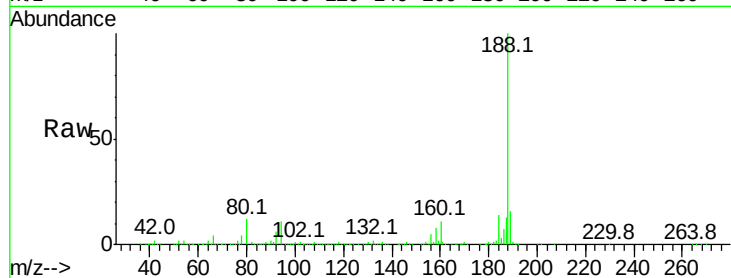




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

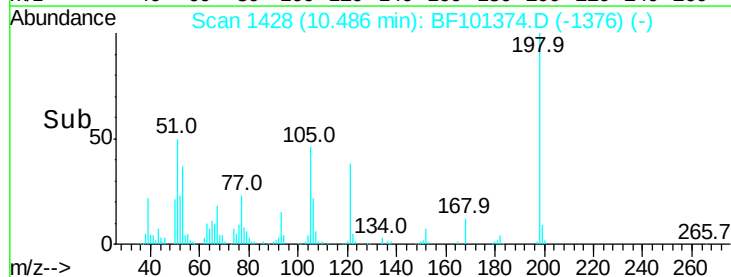
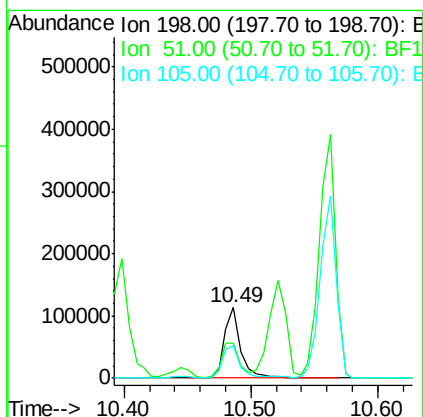
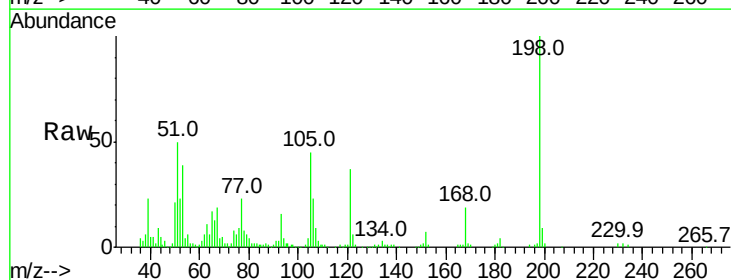
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

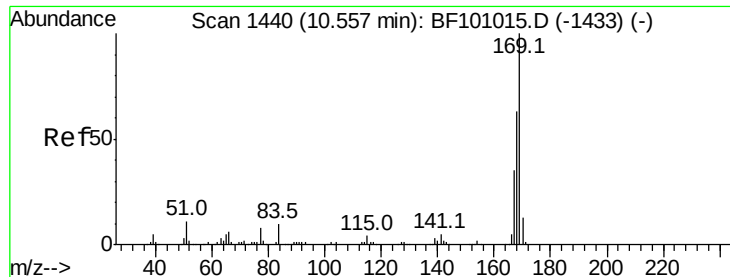
Tot Ion:188 Resp: 686174
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 22.112 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:198 Resp: 101768
Ion Ratio Lower Upper
198 100
51 49.7 37.7 77.7
105 45.3 36.3 76.3

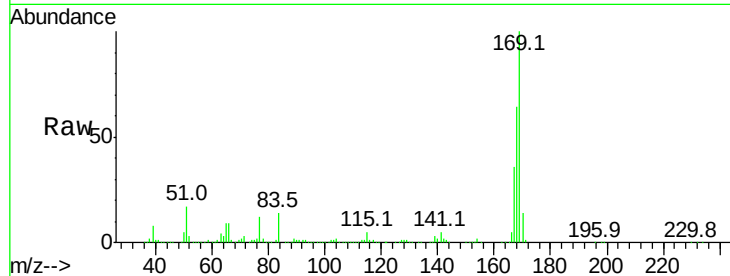




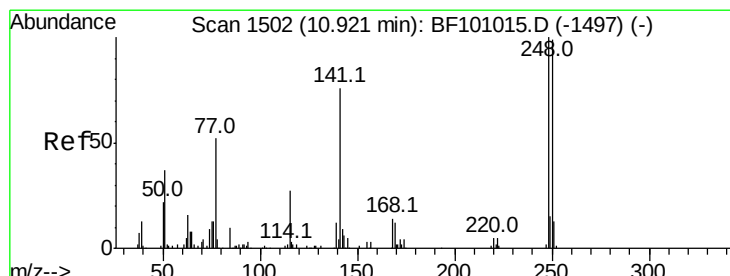
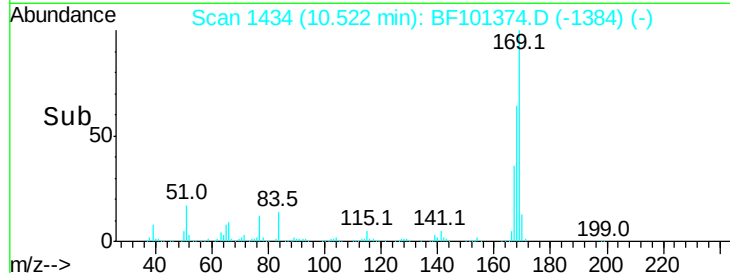
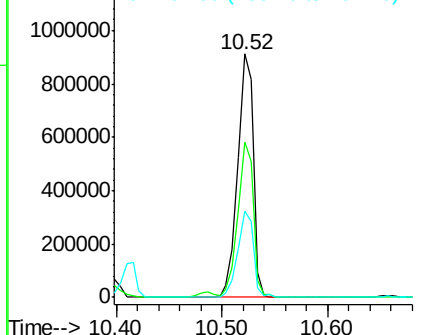
#65
n-Nitrosodiphenylamine
Concen: 37.868 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 916689
Ion Ratio Lower Upper
169 100
168 63.8 54.4 81.6
167 35.6 29.8 44.6

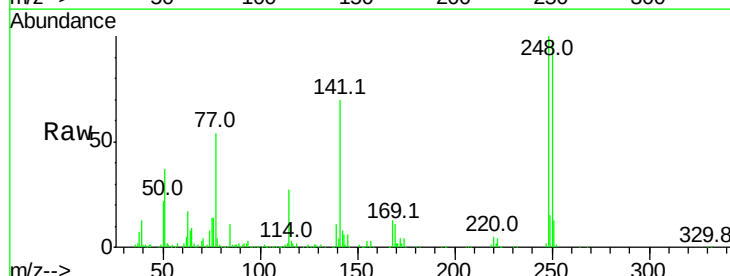


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

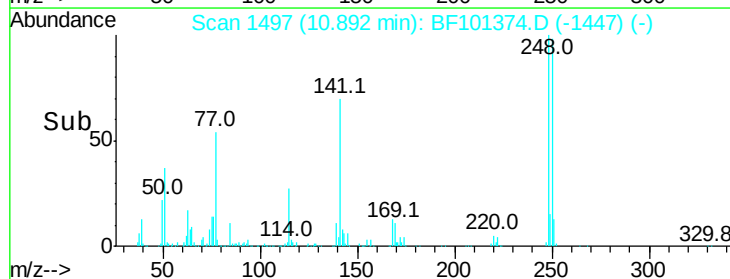
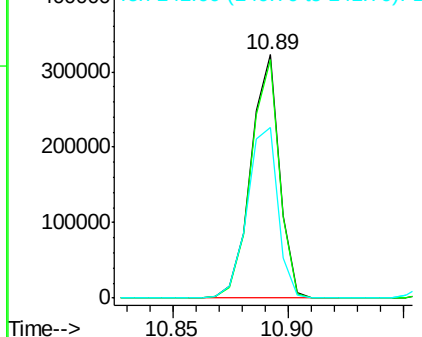


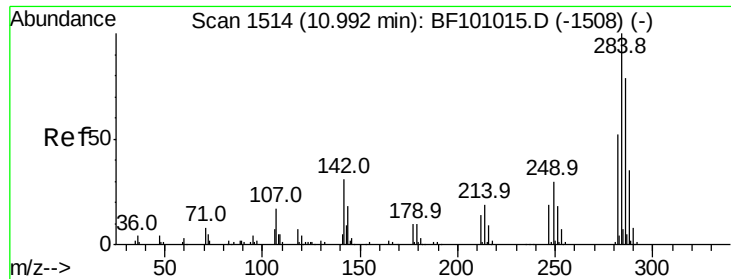
#66
4-Bromophenyl-phenylether
Concen: 36.255 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:248 Resp: 278459
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 69.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

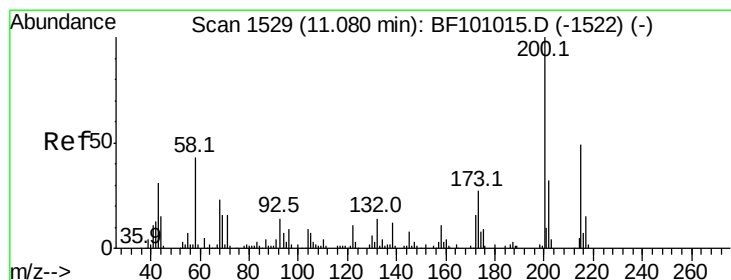
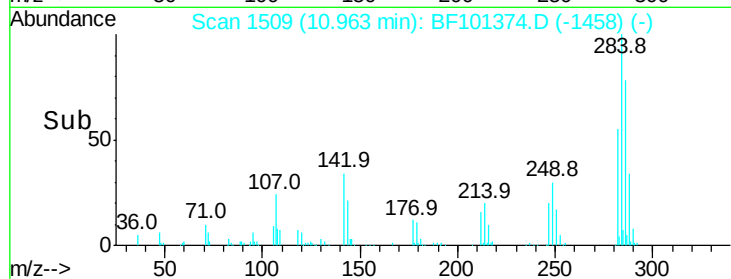
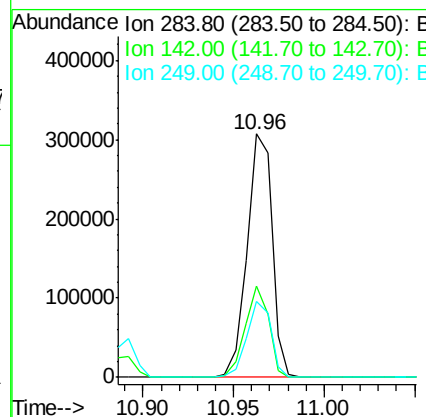
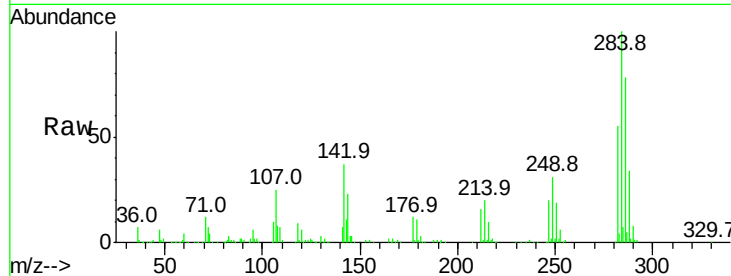




#67
Hexachlorobenzene
Concen: 35.743 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

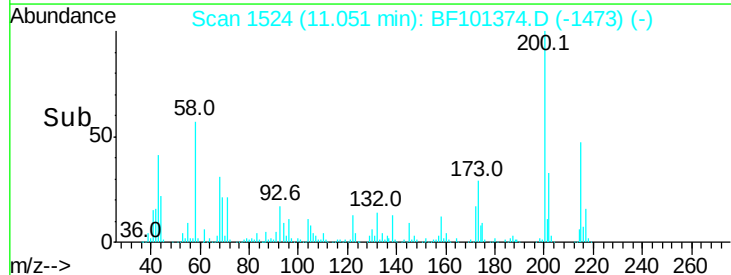
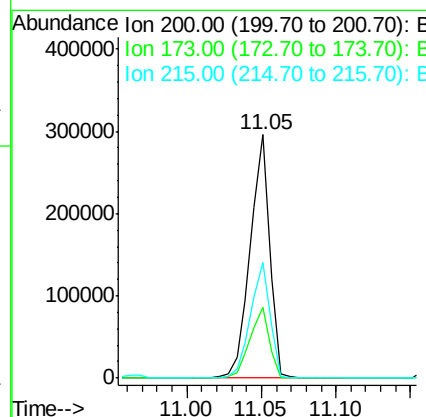
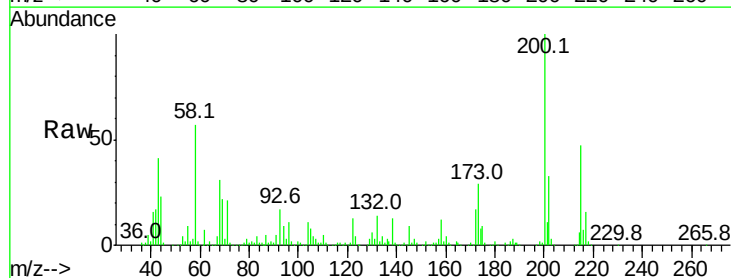
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

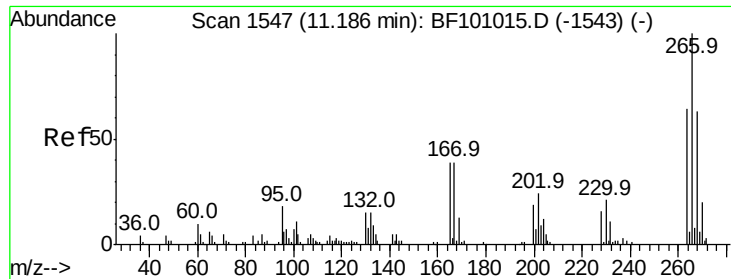
Tot Ion:	284	Resp:	294225
Ion	Ratio	Lower	Upper
284	100		
142	37.3	34.6	52.0
249	31.1	24.8	37.2



#68
Atrazine
Concen: 36.057 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:	200	Resp:	267744
Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	47.3	25.1	65.1

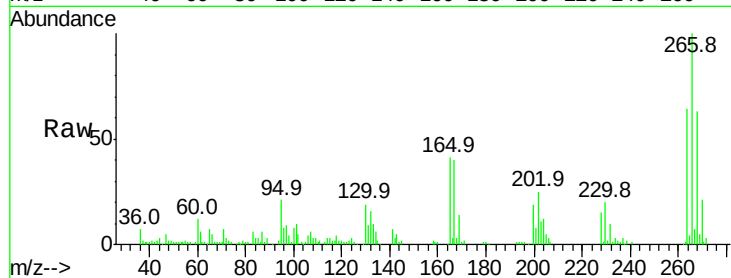




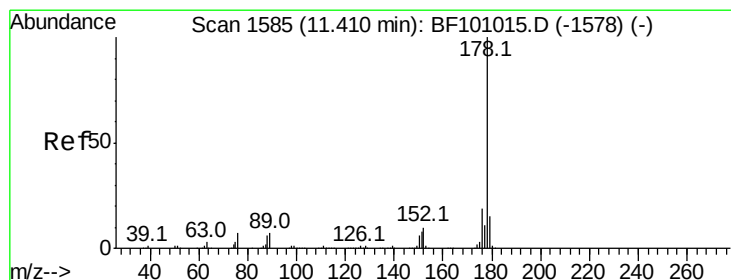
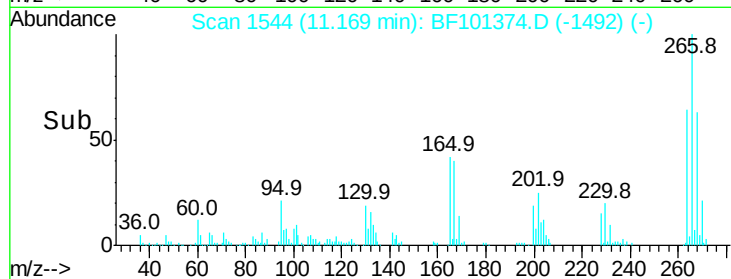
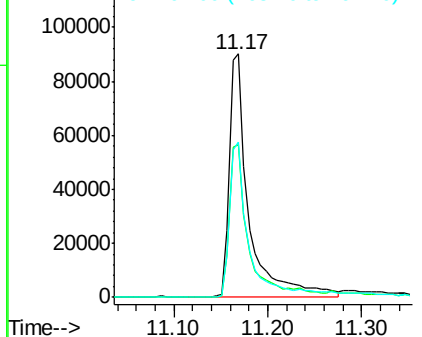
#69
 Pentachlorophenol
 Concen: 29.038 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	63.8	49.5	74.3

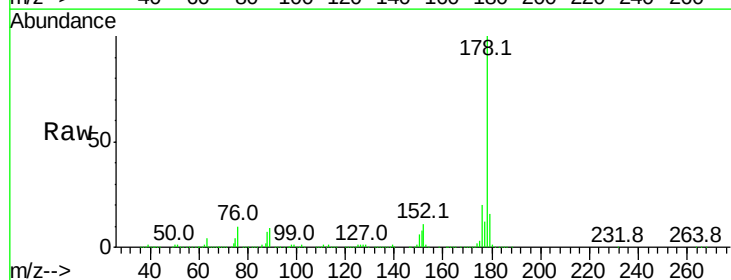


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

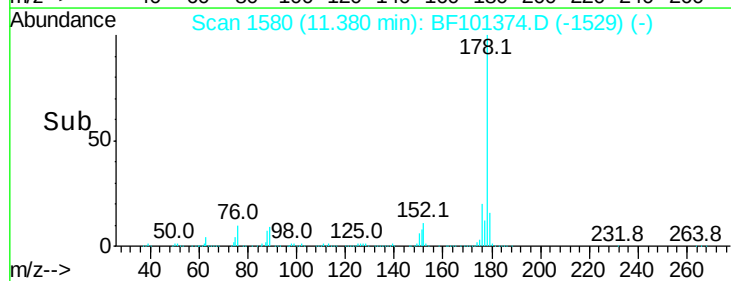
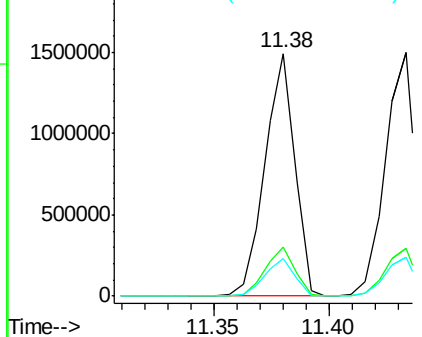


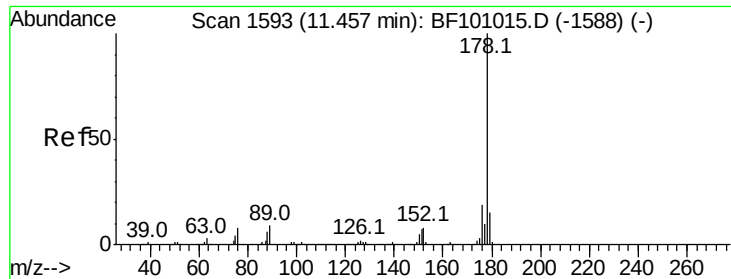
#70
 Phenanthrene
 Concen: 35.542 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.6	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

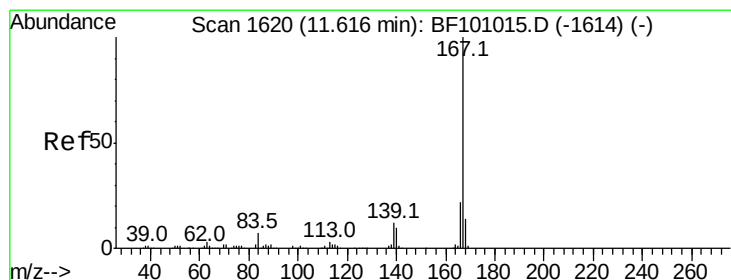
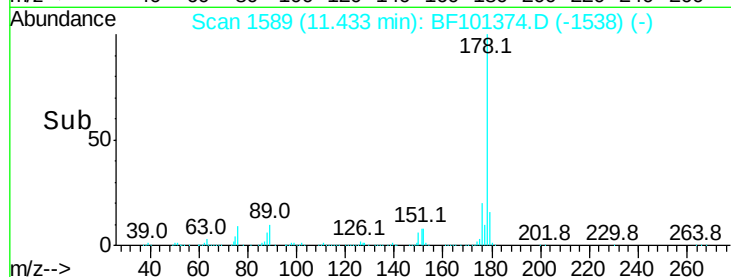
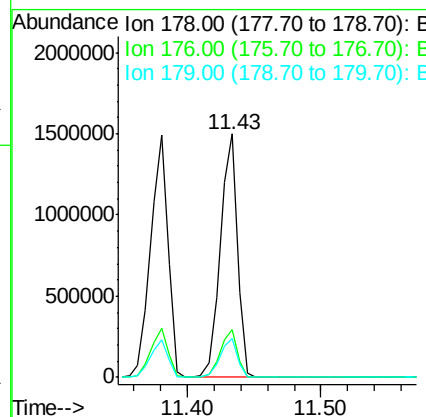
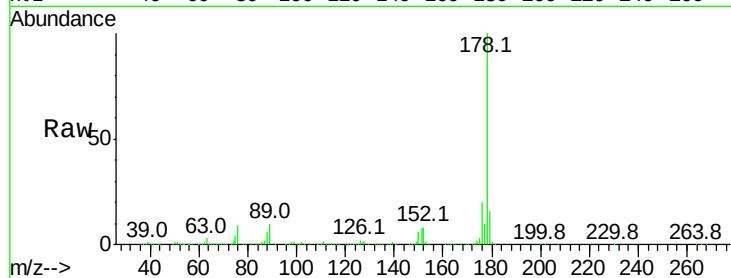




#71
 Anthracene
 Concen: 35.684 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

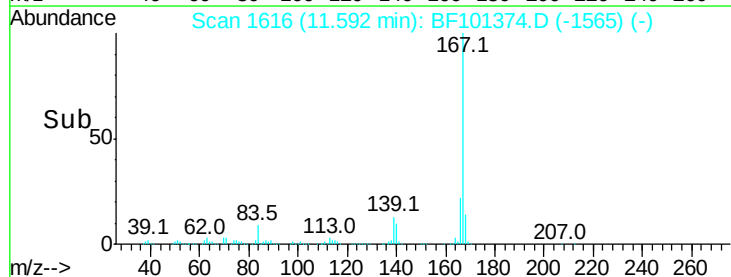
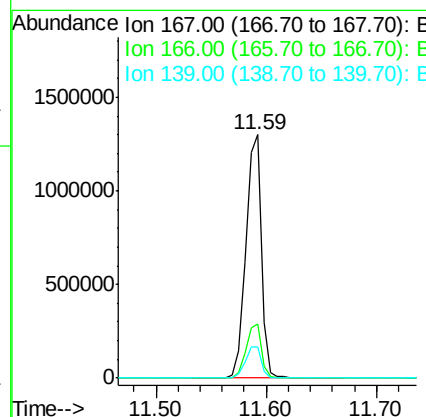
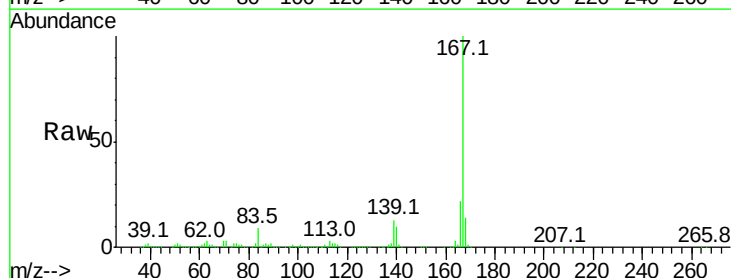
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

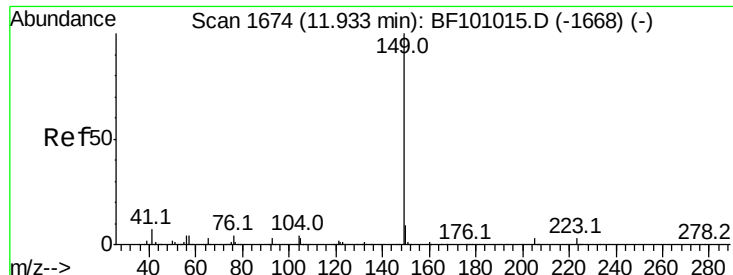
Tot Ion:178 Resp: 1364684
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 36.735 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:167 Resp: 1283628
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.666 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

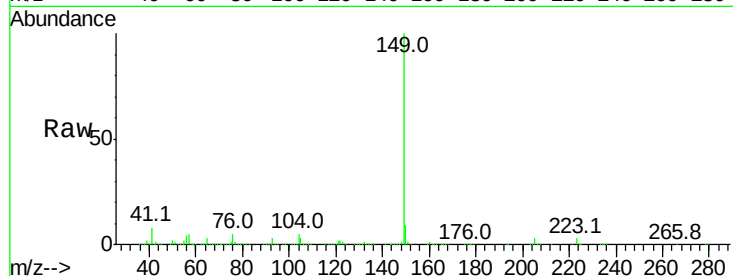
Tot Ion:149 Resp: 1605863

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

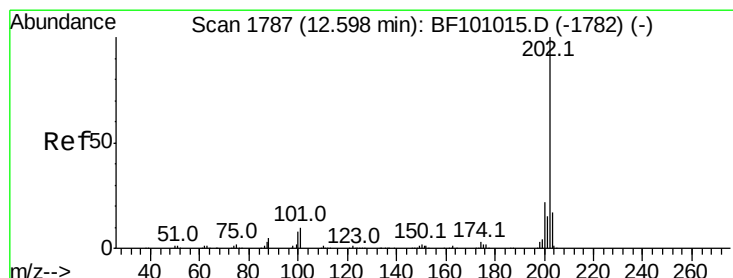
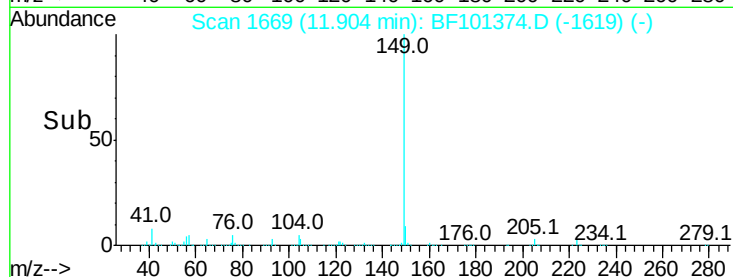
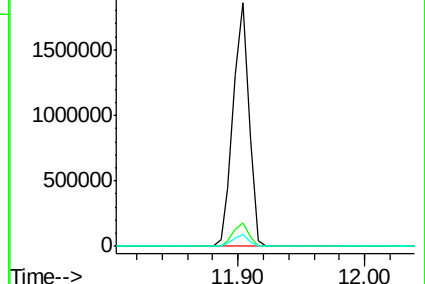
104 4.9 3.8 5.8



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: 33.822 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

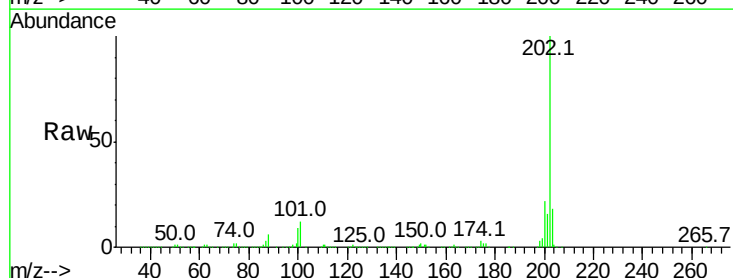
Tgt Ion:202 Resp: 1416706

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

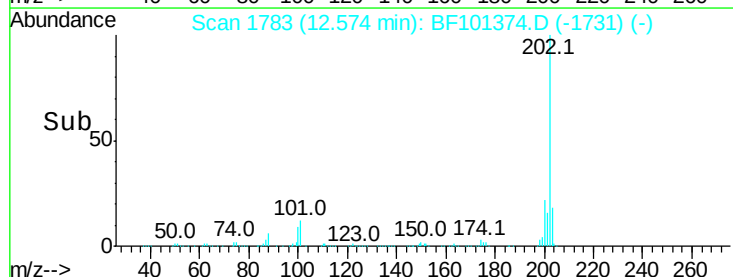
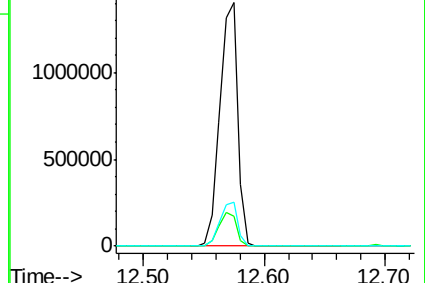
203 18.0 0.0 38.1

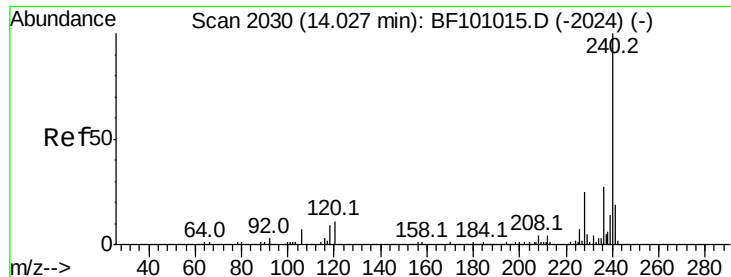


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

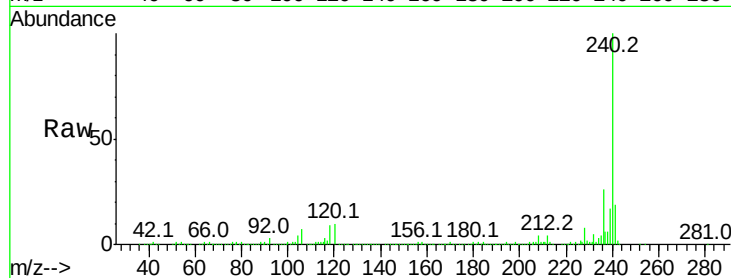
Tot Ion:240 Resp: 541828

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

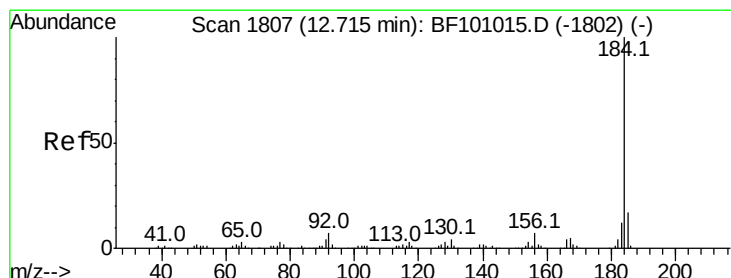
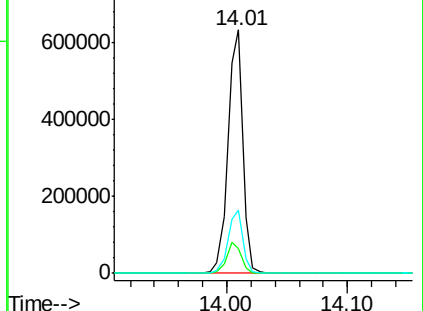
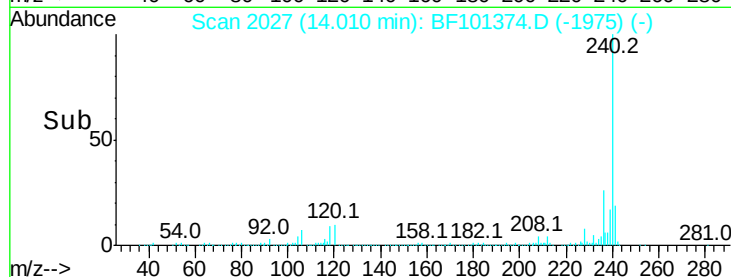
236 26.2 20.7 31.1



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: 42.280 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

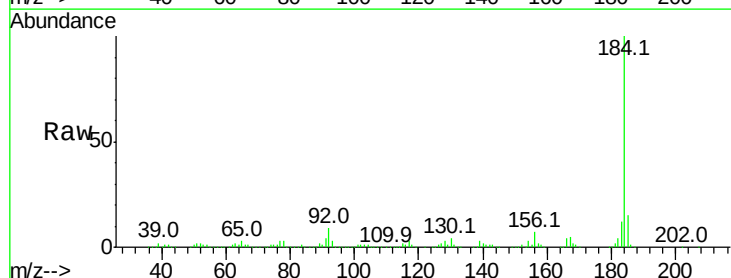
Tgt Ion:184 Resp: 744948

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

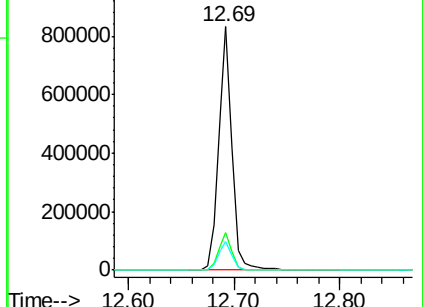
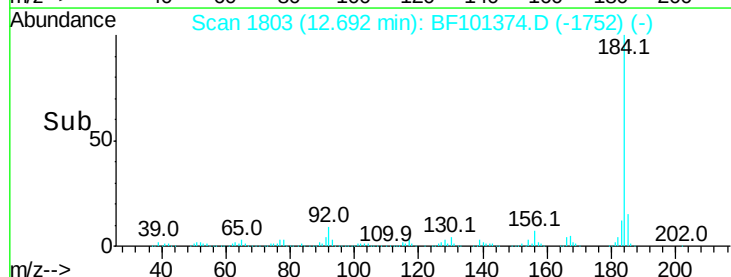
183 12.0 9.3 13.9

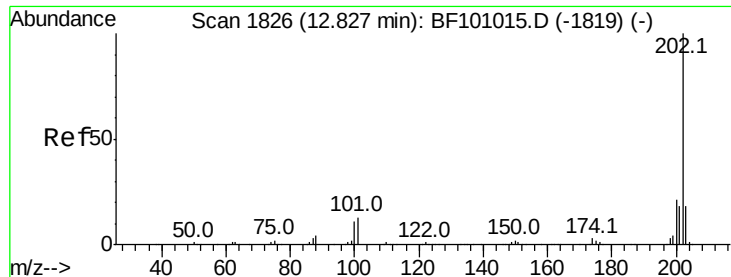


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

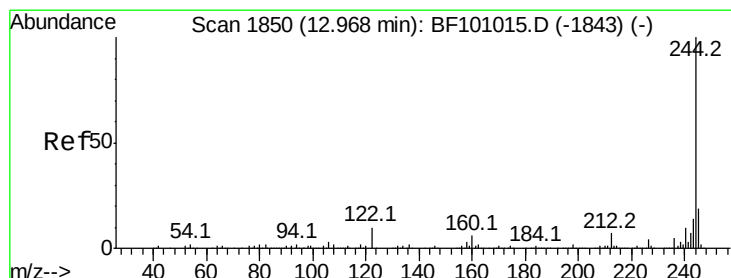
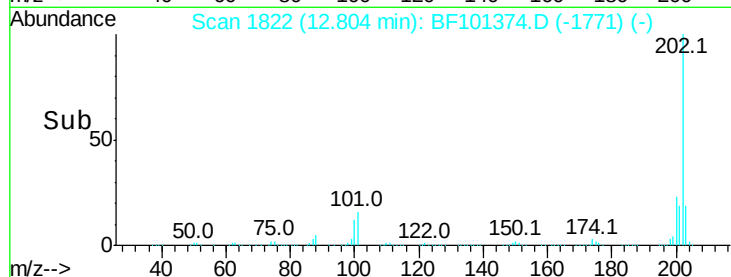
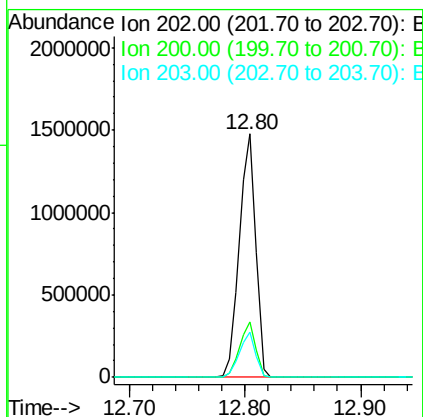
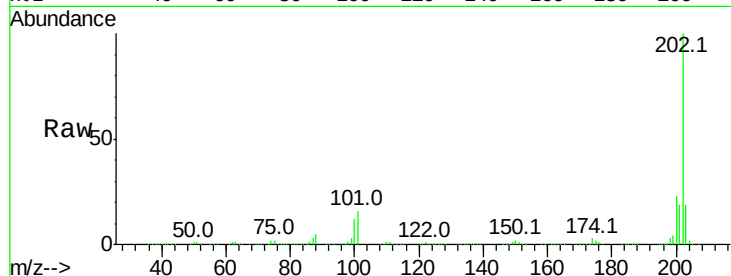




#77
Pvrene
Concen: 39.094 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

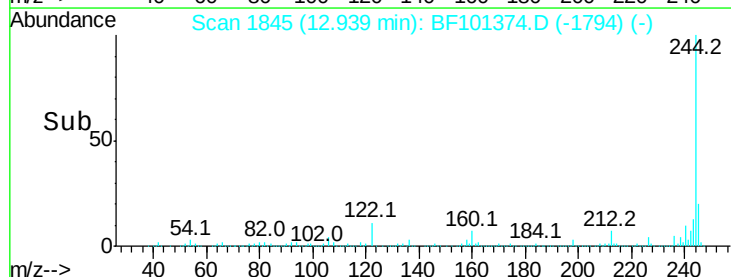
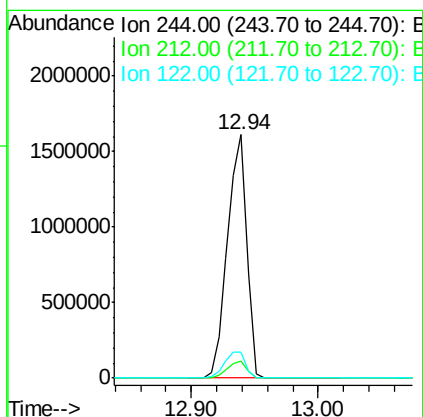
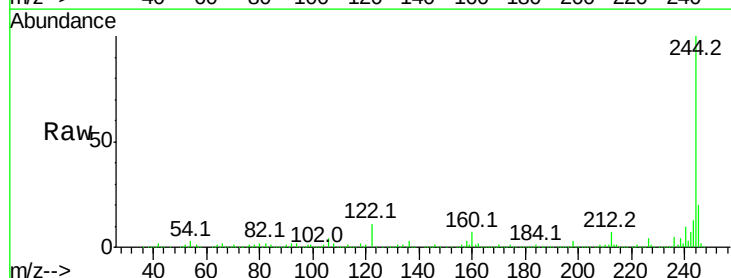
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

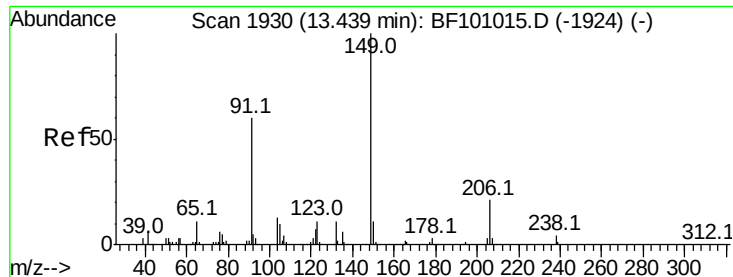
Tot Ion:202 Resp: 1461629
Ion Ratio Lower Upper
202 100
200 22.9 17.4 26.2
203 18.6 14.3 21.5



#78
Terphenyl-d14
Concen: 68.175 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:244 Resp: 1688823
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.9 11.0 16.4#

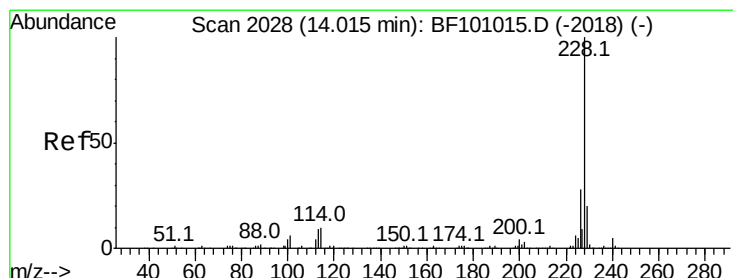
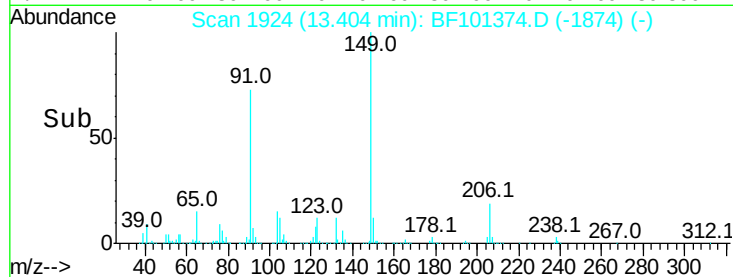
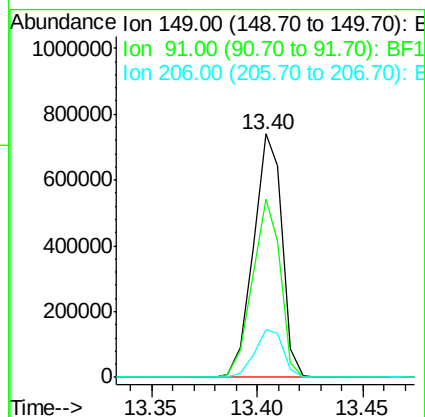
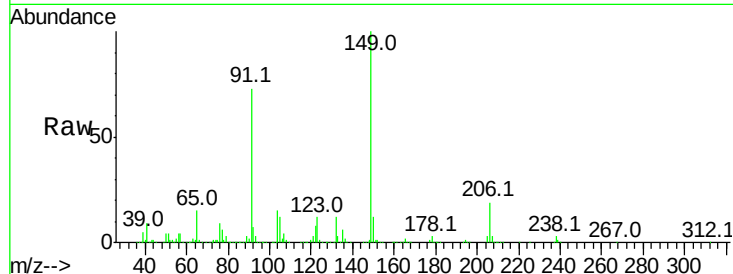




#79
Butylbenzylphthalate
Concen: 42.112 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

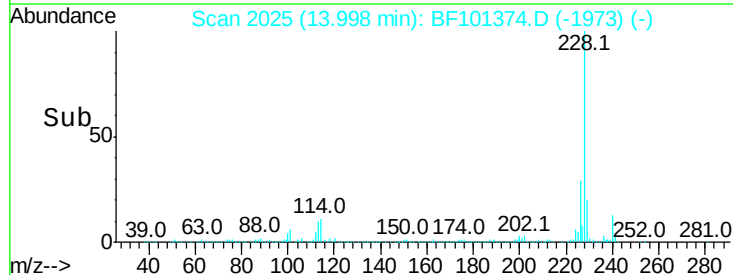
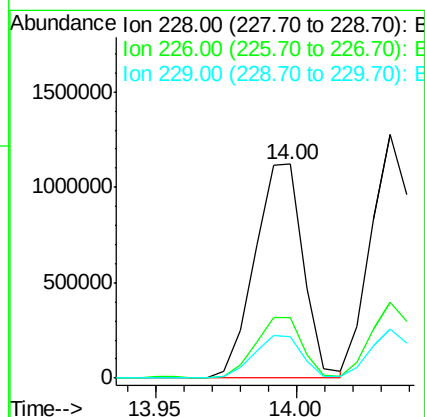
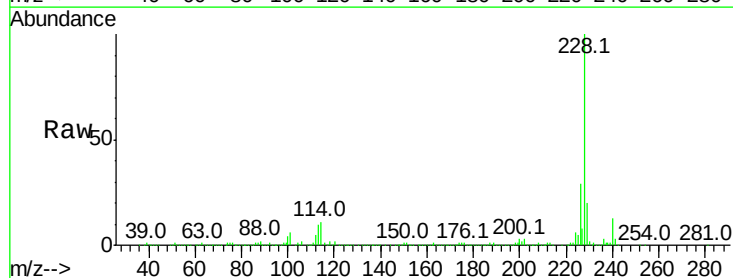
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

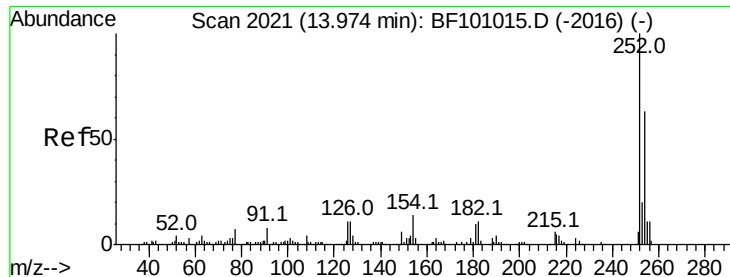
Tot Ion:149 Resp: 694163
Ion Ratio Lower Upper
149 100
91 73.2 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.066 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:228 Resp: 1336461
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.6 15.8 23.6

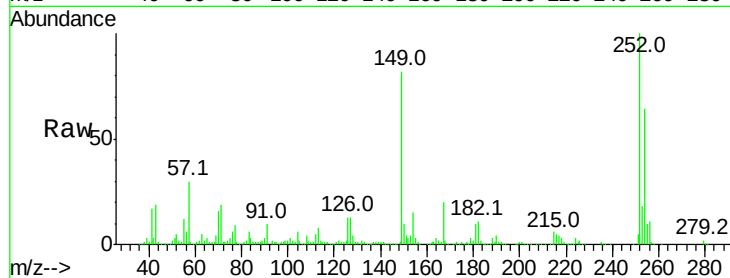




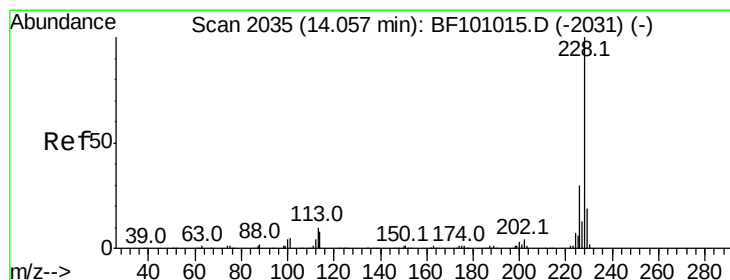
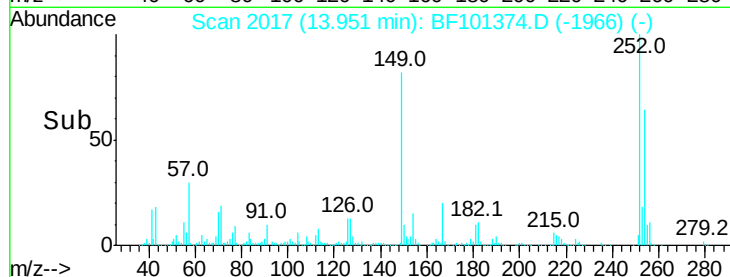
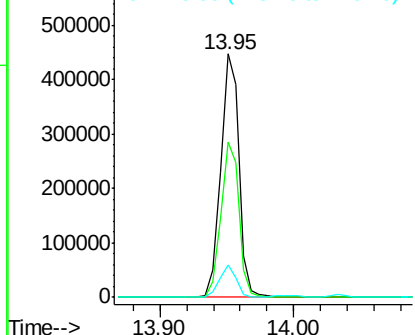
#81
 3,3'-Dichlorobenzidine
 Concen: 36.462 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 431993
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 13.3 11.3 16.9

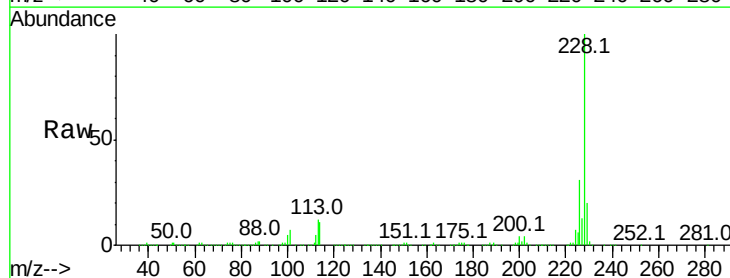


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

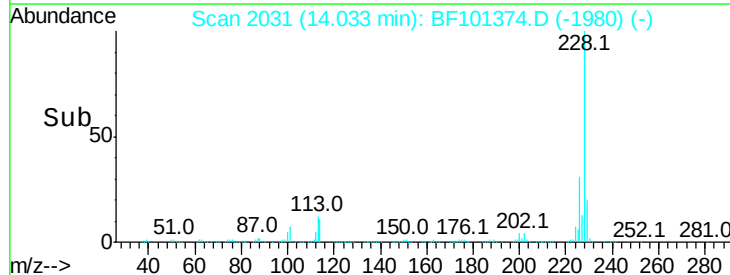
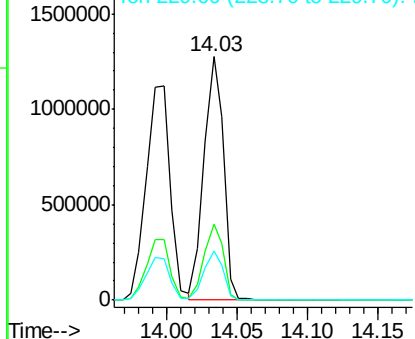


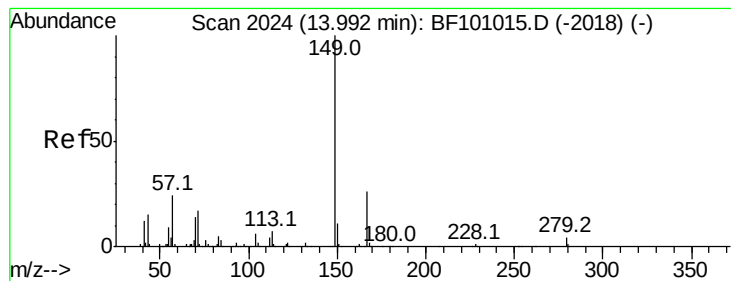
#82
 Chrysene
 Concen: 38.633 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:228 Resp: 1227430
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.976 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

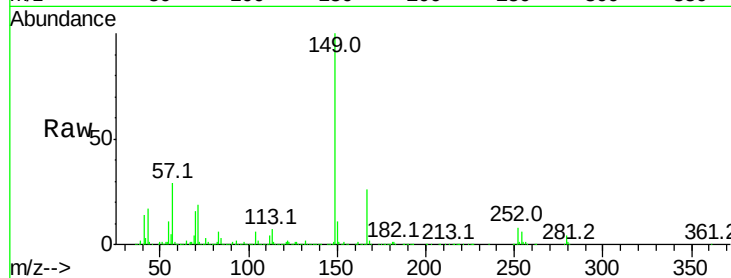
Tot Ion:149 Resp: 845562

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

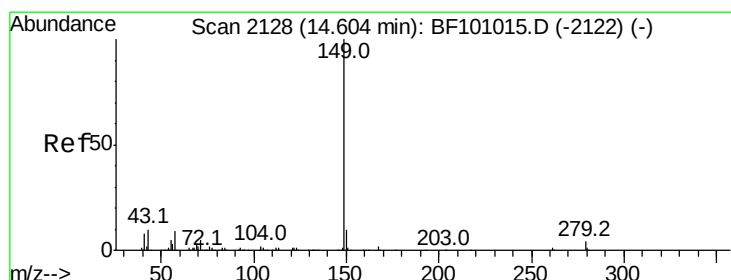
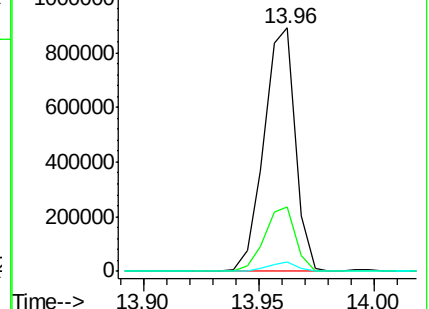
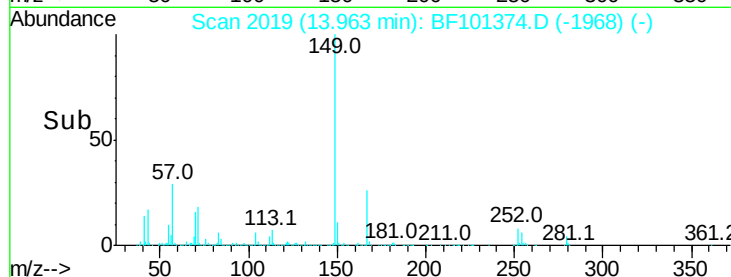
279 3.8 3.0 4.4



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: 40.160 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

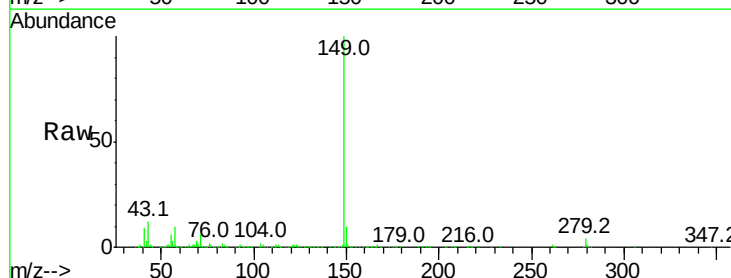
Tgt Ion:149 Resp: 1571581

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

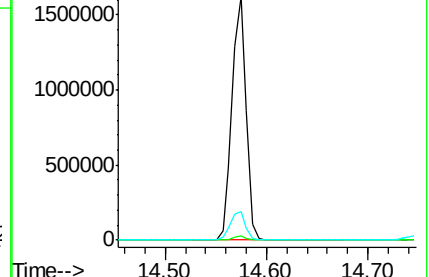
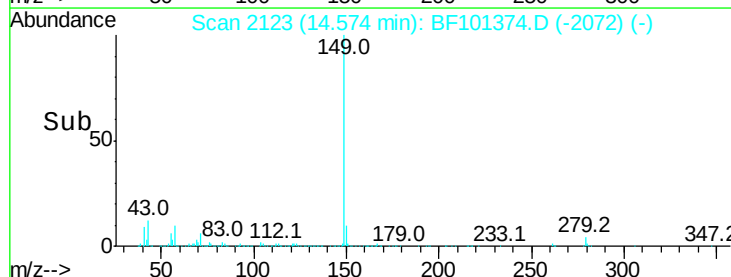
43 11.8 8.4 12.6

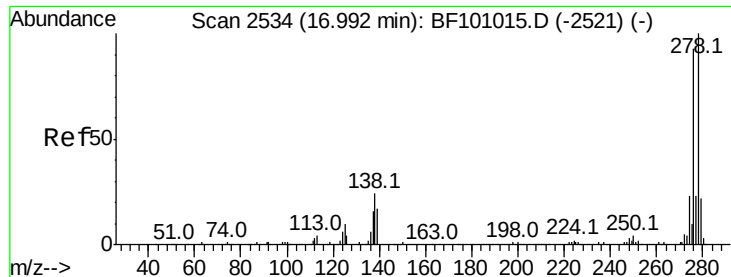


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



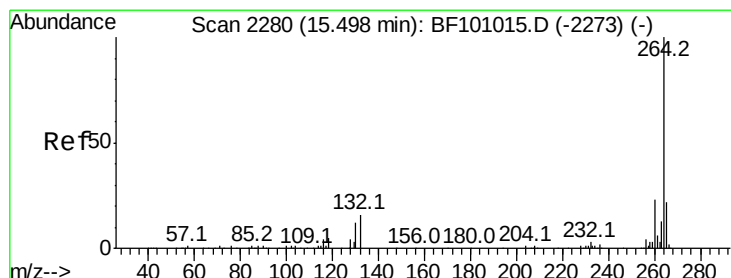
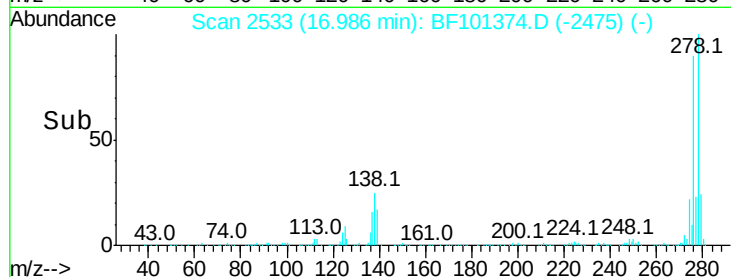
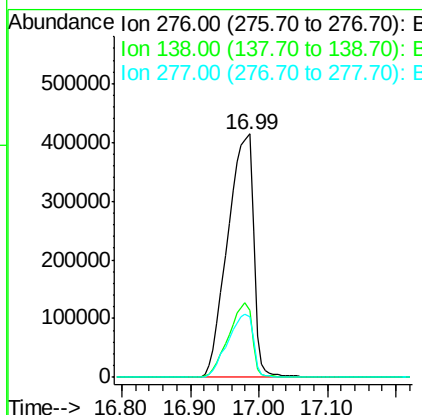
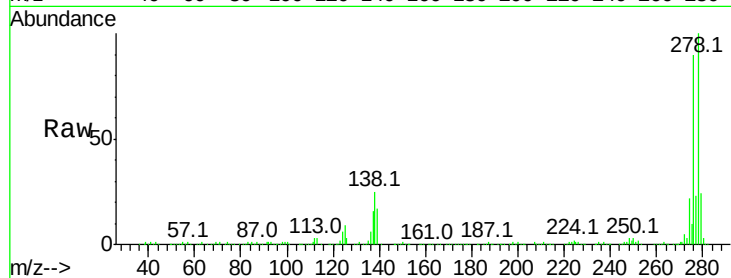


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.471 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.04 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1086663

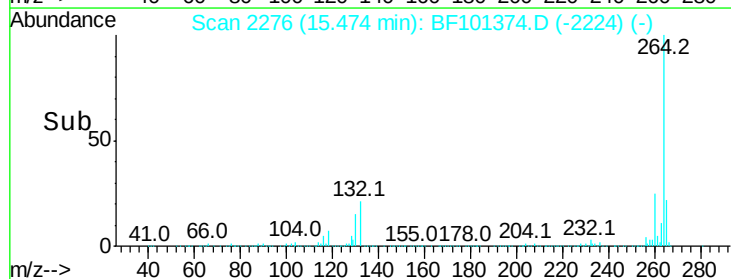
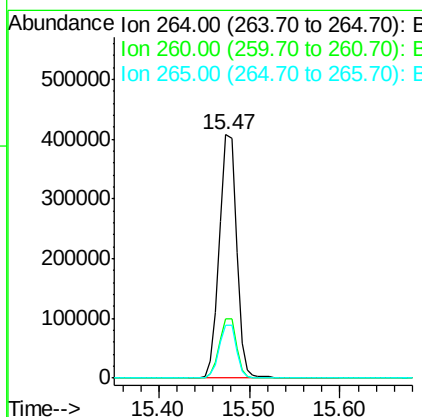
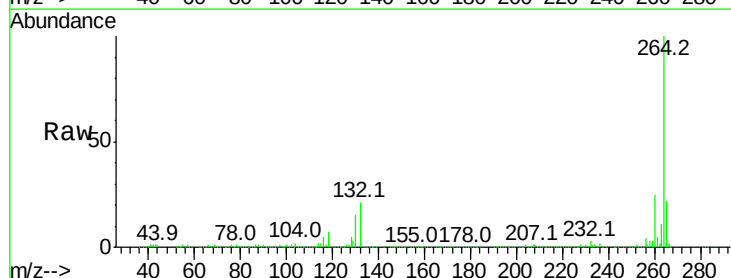
Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	25.3	20.1	30.1

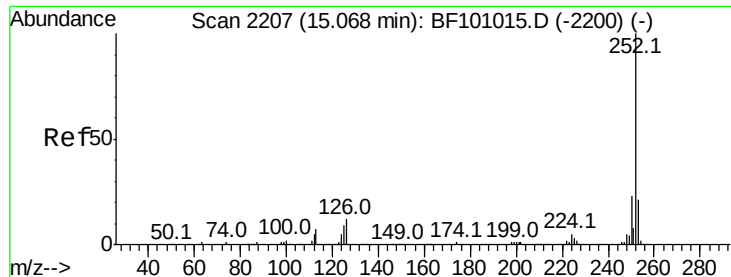


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BF101374.D
 Acq: 13 Dec 2017 20:07

Tgt Ion:264 Resp: 535919

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3

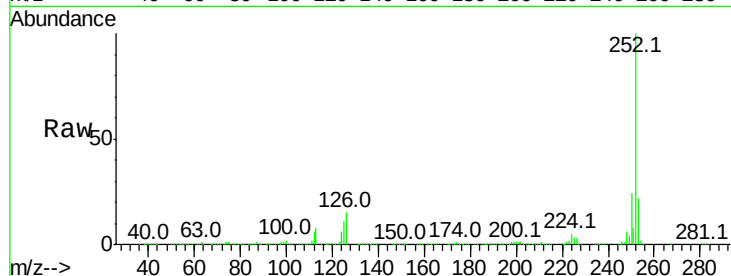




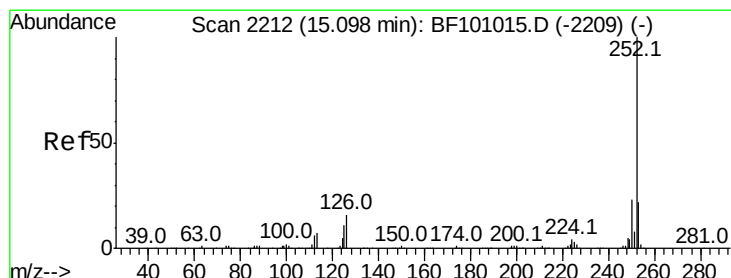
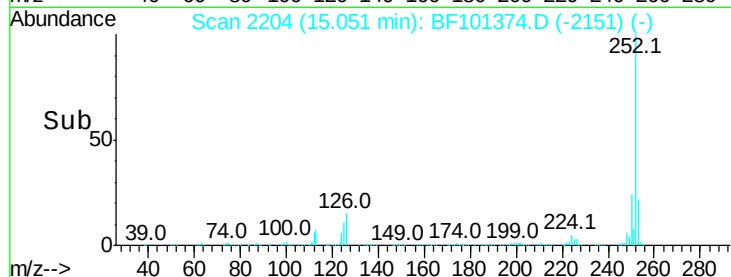
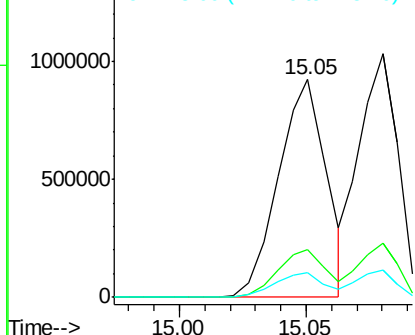
#87
Benzo(b)fluoranthene
Concen: 37.724 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1210940
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.1 9.0 13.6

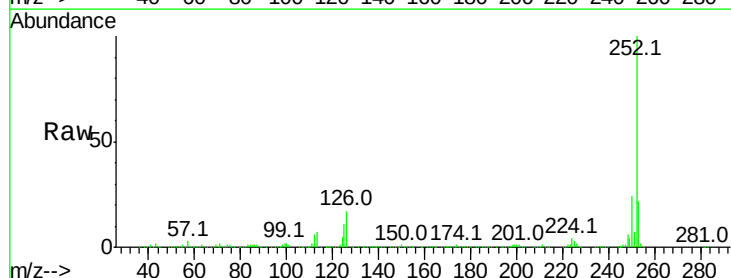


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

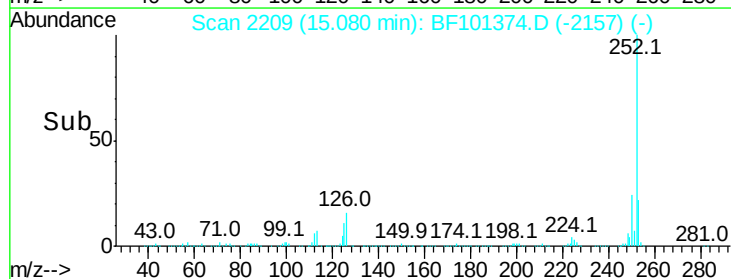
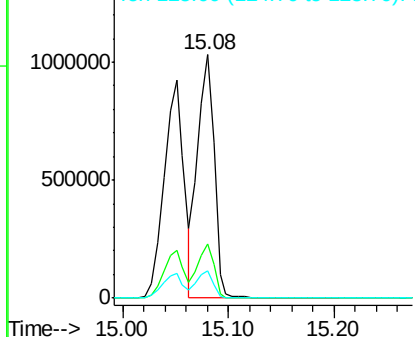


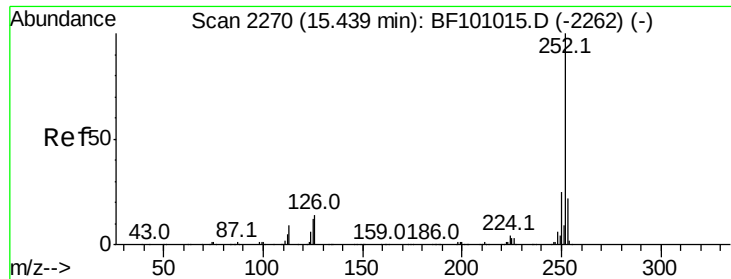
#88
Benzo(k)fluoranthene
Concen: 35.337 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101374.D
Acq: 13 Dec 2017 20:07

Tgt Ion:252 Resp: 1117557
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.497 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

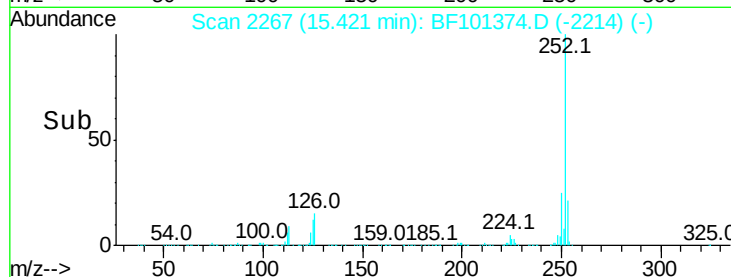
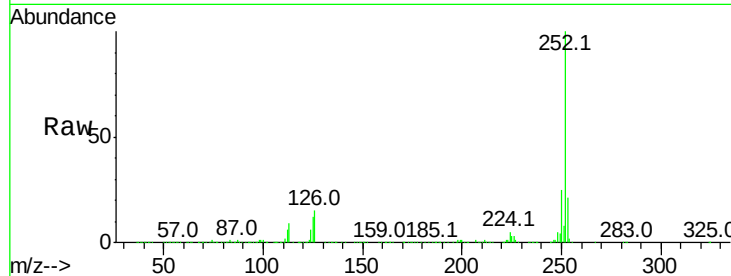
Tot Ion:252 Resp: 1094274

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	12.0	9.8	14.6

252 100

253 21.4 17.1 25.7

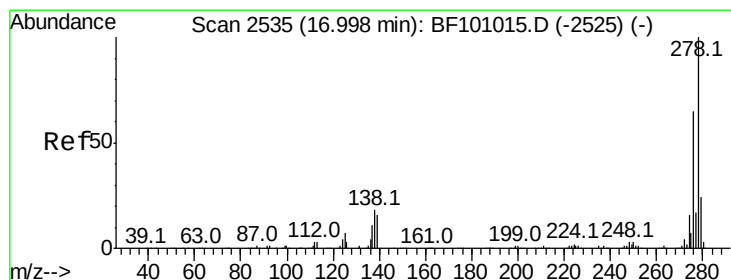
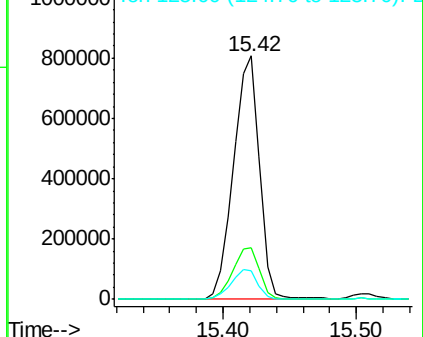
125 12.0 9.8 14.6



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: 35.402 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

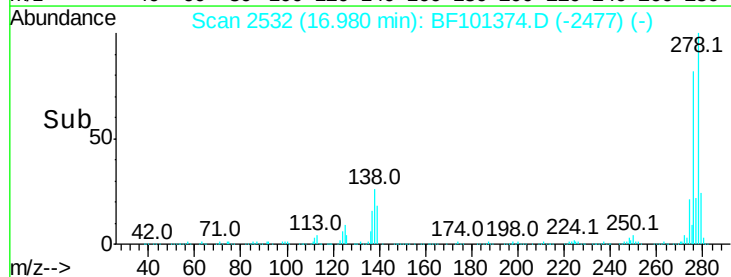
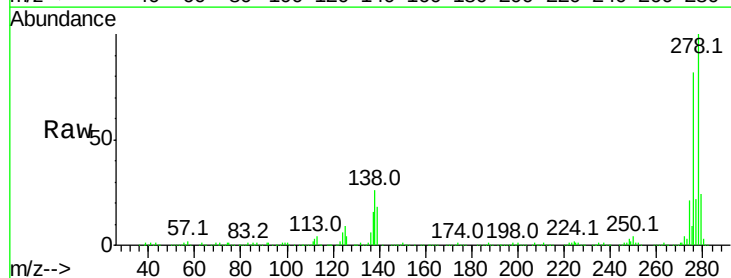
Tgt Ion:278 Resp: 910801

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	24.0	19.0	28.4

278 100

139 17.8 15.9 23.9

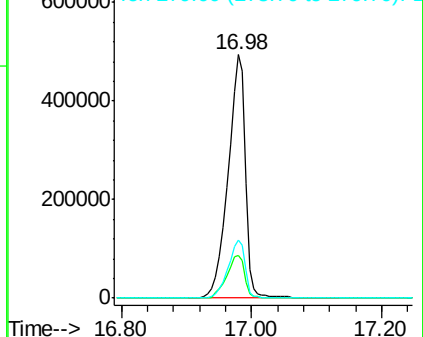
279 24.0 19.0 28.4

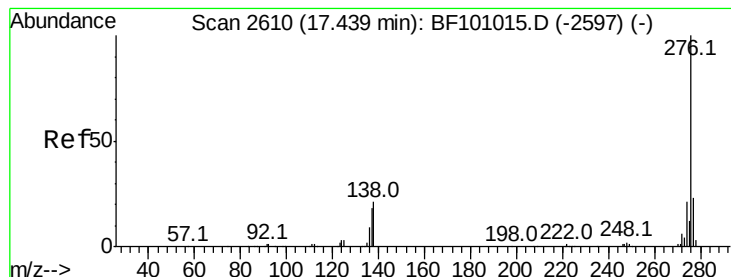


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.366 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.03 min

Lab File: BF101374.D

Acq: 13 Dec 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

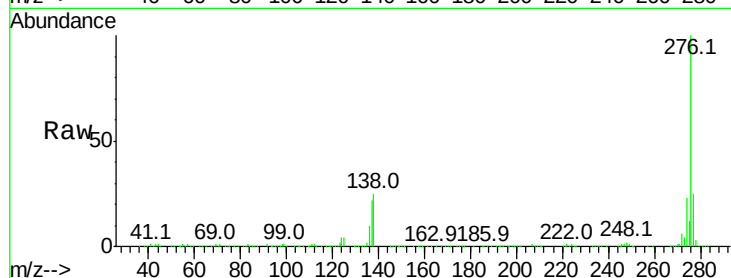
Tot Ion:276 Resp: 905977

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 25.2 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

