

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101747.D
 Acq On : 27 Dec 2017 7:20
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 07:57:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114198	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	407834	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	148885	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	252093	20.00	ng	0.00
75) Chrysene-d12	13.97	240	263525	20.00	ng	0.00
86) Perylene-d12	15.44	264	231081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	654652	85.39	ng	0.00
7) Phenol-d6	6.44	99	694611	72.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	592926	80.93	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	113226	78.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	913664	95.20	ng	0.00
78) Terphenyl-d14	12.90	244	768372	70.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	157310	39.934	ng	96
3) Pyridine	3.26	79	396504	36.227	ng	94
4) n-Nitrosodimethylamine	3.22	42	169550	33.645	ng	100
6) Aniline	6.46	93	475288	35.846	ng	# 79
8) 2-Chlorophenol	6.58	128	312733	38.778	ng	97
9) Benzaldehyde	6.35	77	244710	34.728	ng	98
10) Phenol	6.45	94	386678	35.557	ng	73
11) bis(2-Chloroethyl)ether	6.53	93	322533	37.811	ng	97
12) 1,3-Dichlorobenzene	6.73	146	364468	40.043	ng	98
13) 1,4-Dichlorobenzene	6.80	146	372744	40.103	ng	99
14) 1,2-Dichlorobenzene	6.96	146	327394	39.132	ng	100
15) Benzyl Alcohol	6.95	79	236626	36.031	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	478786	36.675	ng	# 49
17) 2-Methylphenol	7.06	107	262173	35.341	ng	# 89
18) Hexachloroethane	7.29	117	104035	32.193	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	225884	36.050	ng	95
20) 3+4-Methylphenols	7.22	107	333615	42.439	ng	# 75
22) Acetophenone	7.21	105	407422	43.781	ng	# 93
24) Nitrobenzene	7.38	77	318547	39.285	ng	99
25) Isophorone	7.62	82	537637	36.580	ng	98
26) 2-Nitrophenol	7.70	139	132212	37.953	ng	98
27) 2,4-Dimethylphenol	7.73	122	235118	39.728	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	370050	39.636	ng	98
29) 2,4-Dichlorophenol	7.95	162	228188	39.027	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	244890	39.689	ng	96
31) Naphthalene	8.09	128	799097	38.920	ng	100
32) Benzoic acid	7.88	122	112639	31.523	ng	98
33) 4-Chloroaniline	8.16	127	329786	36.956	ng	99
34) Hexachlorobutadiene	8.20	225	150440	42.156	ng	97
35) Caprolactam	8.53	113	64120	31.583	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	219971	34.230	ng	98
37) 2-Methylnaphthalene	8.79	142	483416	36.138	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	233141	46.380	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	275	11.678	ng	# 26

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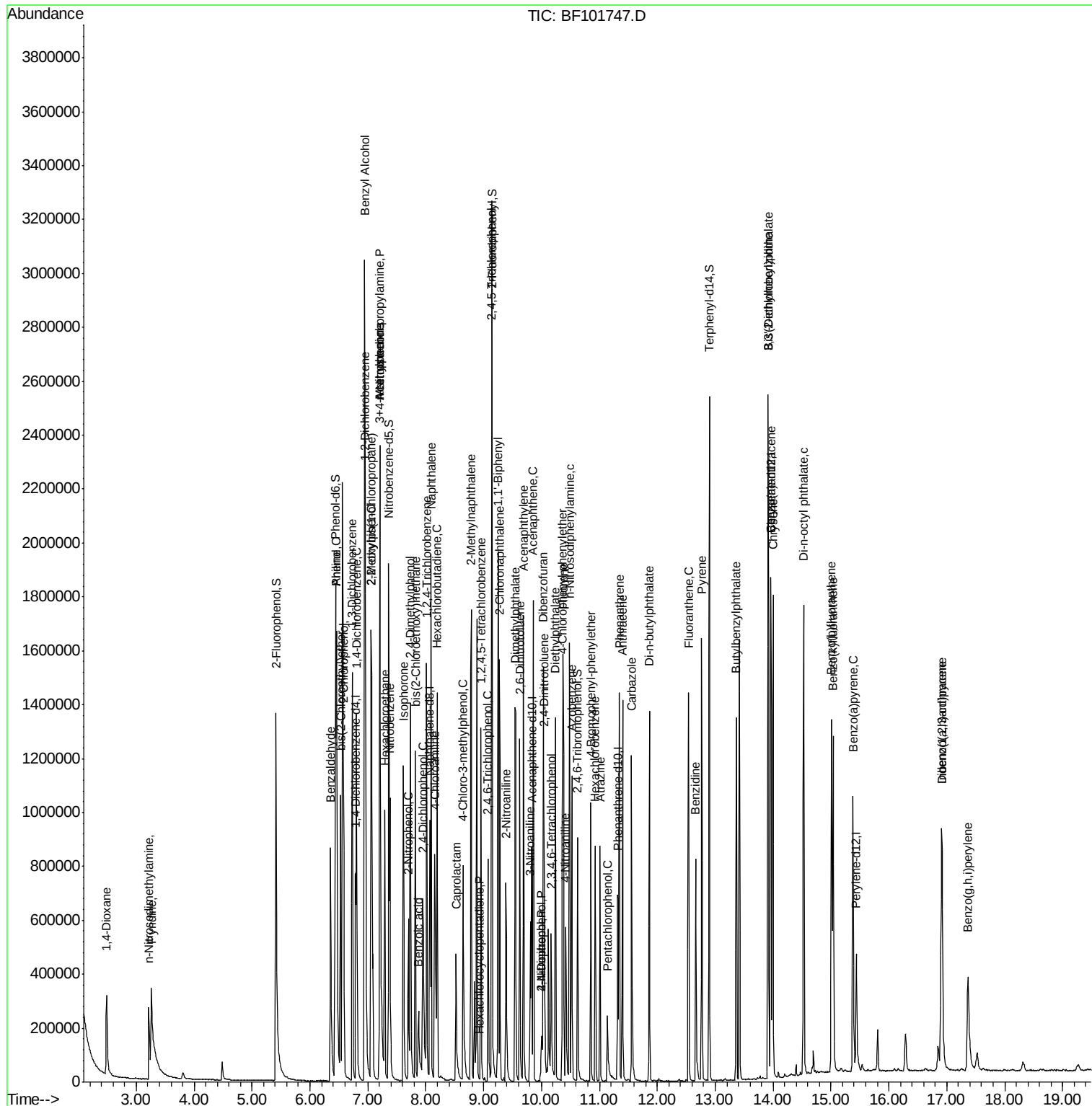
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42) 2,4,6-Trichlorophenol	9.07	196	131450	43.437	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	121379	36.631	nq	96
45) 1,1'-Biphenyl	9.25	154	582789	44.138	nq	99
46) 2-Chloronaphthalene	9.27	162	421256	41.696	nq	97
47) 2-Nitroaniline	9.39	65	142943	40.956	nq	92
48) Acenaphthylene	9.69	152	633095	39.674	nq	99
49) Dimethylphthalate	9.55	163	495822	41.402	nq	99
50) 2,6-Dinitrotoluene	9.62	165	90400	37.141	nq #	87
51) Acenaphthene	9.86	154	380652	39.704	nq	99
52) 3-Nitroaniline	9.80	138	122603	40.402	nq	98
53) 2,4-Dinitrophenol	10.00	184	143	10.467	nq #	1
54) Dibenzofuran	10.03	168	527844	43.324	nq	97
55) 4-Nitrophenol	10.00	139	36854	27.852	nq	94
56) 2,4-Dinitrotoluene	10.05	165	109578	39.958	nq #	98
57) Fluorene	10.37	166	410709	39.848	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	90337	37.947	nq #	86
59) Diethylphthalate	10.24	149	471103	39.724	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	209206	42.352	nq	91
61) 4-Nitroaniline	10.42	138	119699	39.243	nq	91
62) Azobenzene	10.52	77	425986	34.674	nq	98
65) n-Nitrosodiphenylamine	10.49	169	384654	41.323	nq	97
66) 4-Bromophenyl-phenylether	10.85	248	118253	41.747	nq	91
67) Hexachlorobenzene	10.93	284	120963	40.349	nq	94
68) Atrazine	11.01	200	91083	32.816	nq	98
69) Pentachlorophenol	11.14	266	48979	45.126	nq	99
70) Phenanthrene	11.35	178	564596	40.273	nq	99
71) Anthracene	11.40	178	584181	40.794	nq	99
72) Carbazole	11.56	167	550050	41.026	nq	100
73) Di-n-butylphthalate	11.86	149	691221	42.476	nq	99
74) Fluoranthene	12.54	202	645478	43.865	nq	97
76) Benzidine	12.66	184	359541	32.304	nq	99
77) Pyrene	12.77	202	685516	34.661	nq	99
79) Butylbenzylphthalate	13.36	149	311928	34.857	nq	97
80) Benzo(a)anthracene	13.96	228	660066	37.933	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	231471	40.796	nq	97
82) Chrysene	14.00	228	637449	38.799	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	412586	36.400	nq	100
84) Di-n-octyl phthalate	14.53	149	812355	40.187	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	466597	31.892	nq	97
87) Benzo(b)fluoranthene	15.01	252	558343	39.641	nq	99
88) Benzo(k)fluoranthene	15.04	252	603602	44.077	nq	98
89) Benzo(a)pyrene	15.38	252	510879	39.346	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	406850	36.495	nq	97
91) Benzo(g,h,i)perylene	17.37	276	379246	34.355	nq	96

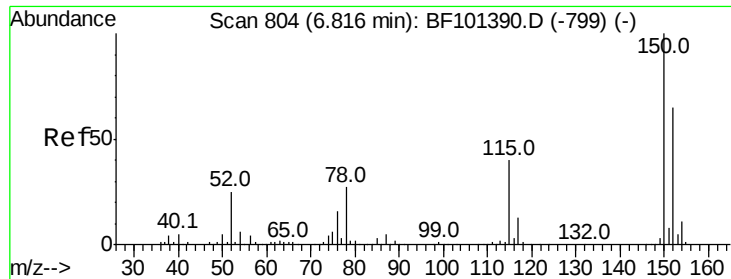
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2    Sample Multiplier: 1
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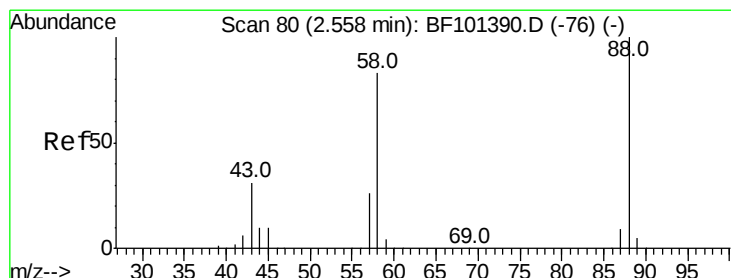
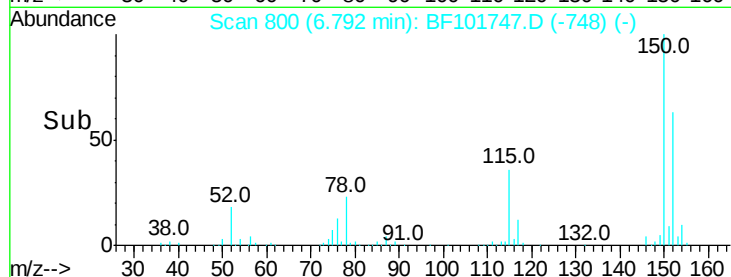
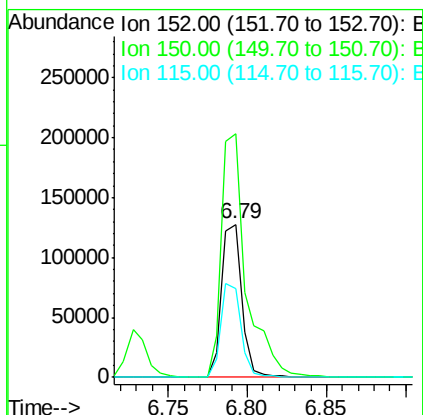
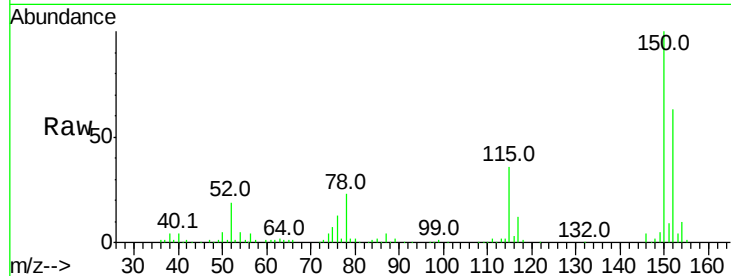


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

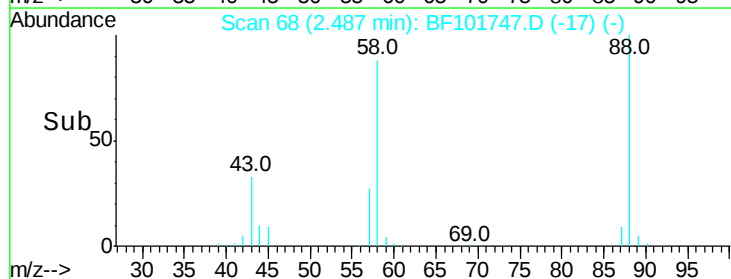
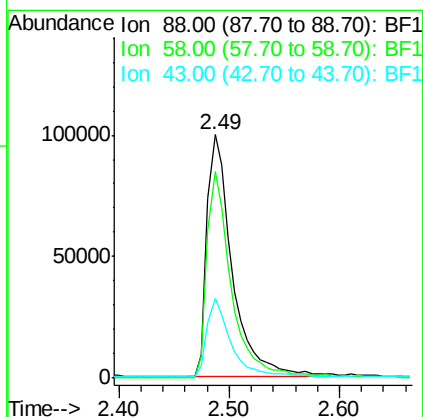
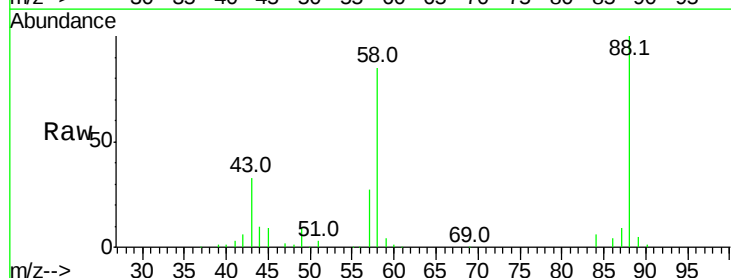
Tot Ion:152 Resp: 114198
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 57.7 50.1 75.1

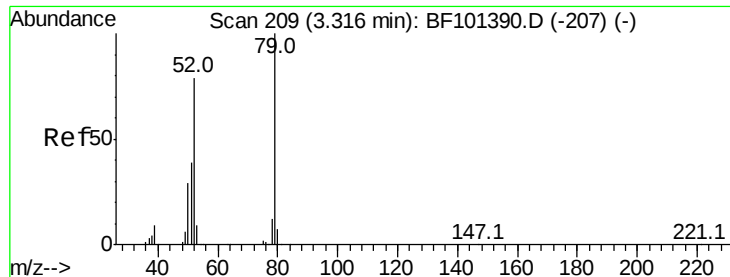


#2

1,4-Dioxane
Concen: 39.934 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion: 88 Resp: 157310
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 31.1 24.6 37.0





#3

Pvridine

Concen: 36.227 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

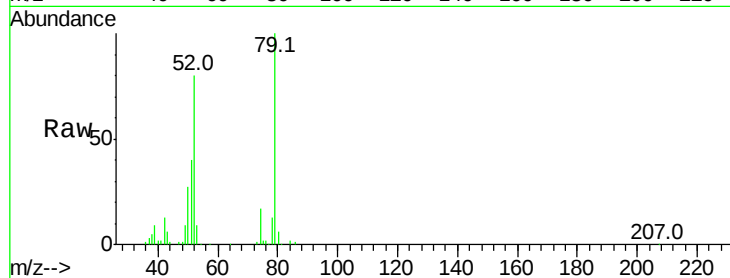
Tot Ion: 79 Resp: 396504

Ion Ratio Lower Upper

79 100

52 80.5 59.8 89.6

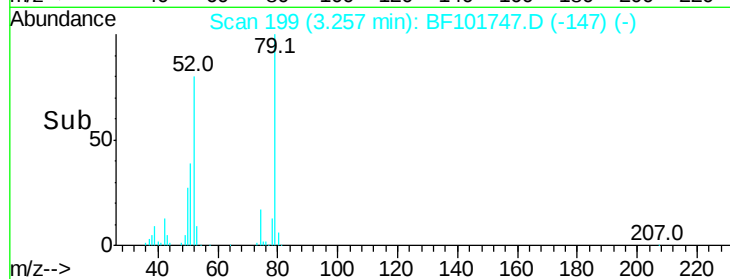
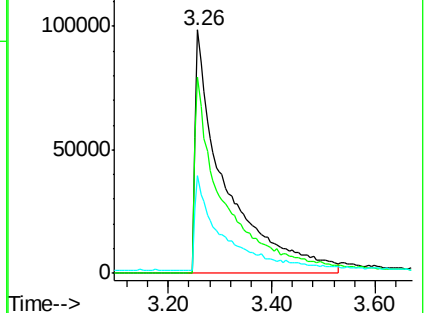
51 40.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.645 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

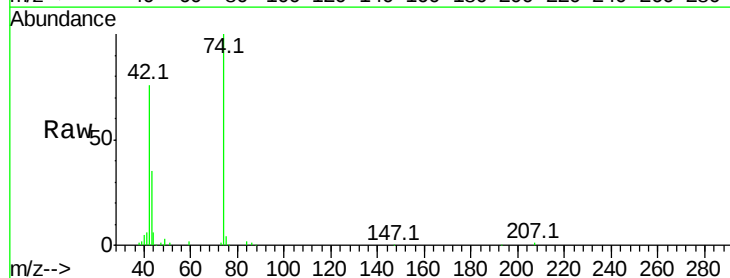
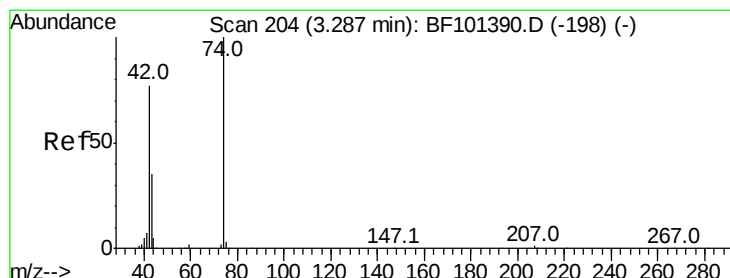
Tgt Ion: 42 Resp: 169550

Ion Ratio Lower Upper

42 100

74 130.9 104.9 157.3

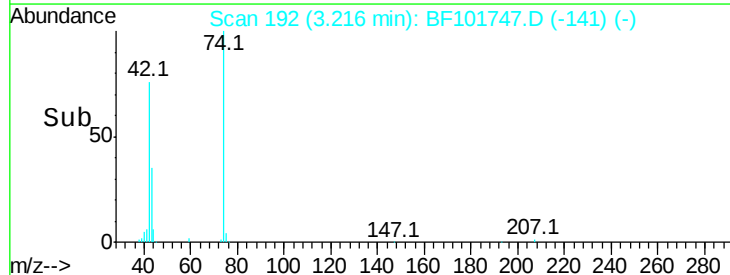
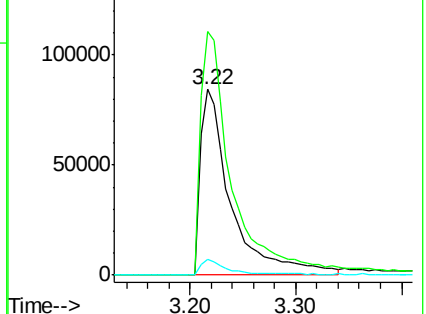
44 8.3 6.9 10.3

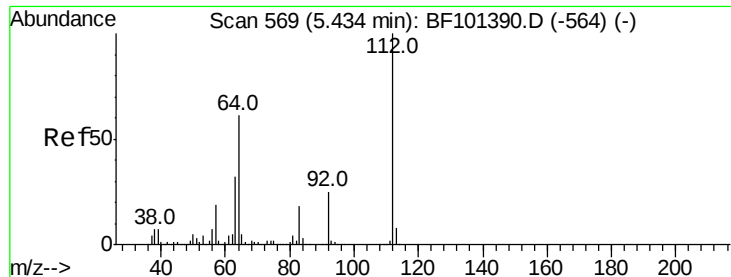


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.392 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

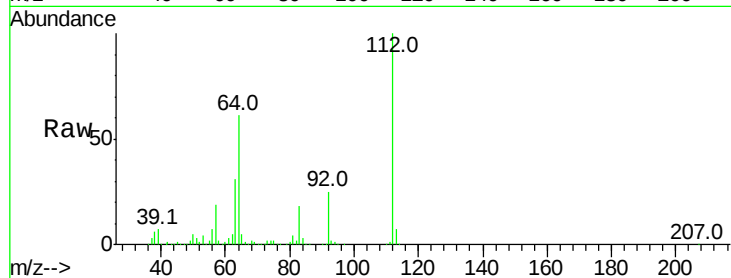
Tot Ion:112 Resp: 654652

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

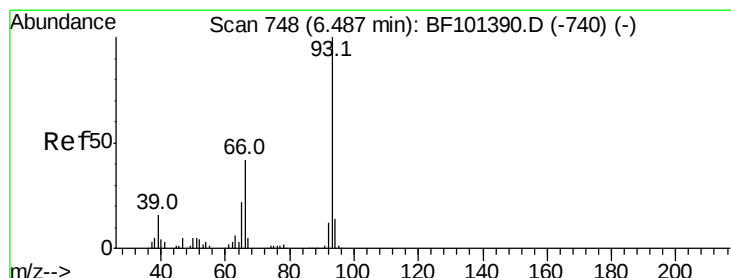
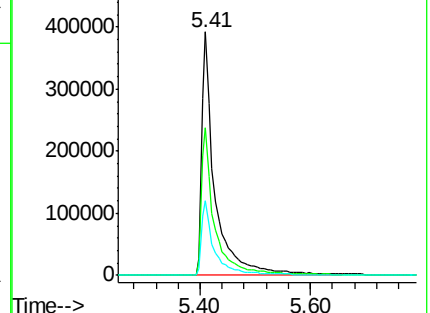
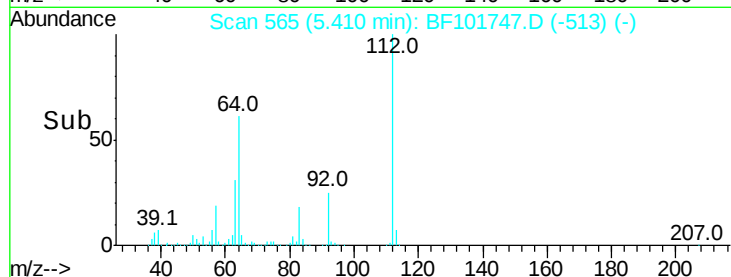
63 30.8 23.7 35.5



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: 35.846 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

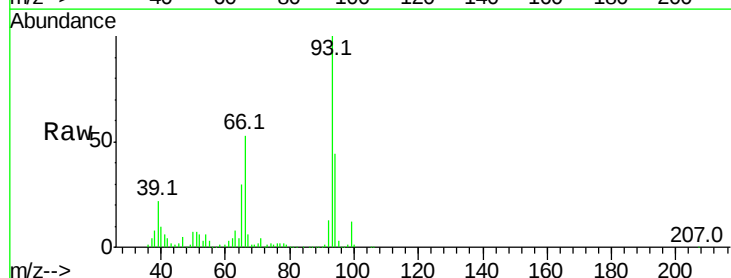
Tgt Ion: 93 Resp: 475288

Ion Ratio Lower Upper

93 100

66 53.4 32.2 48.2#

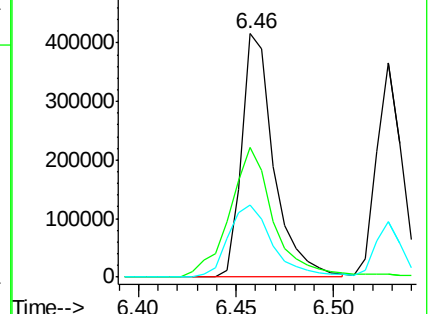
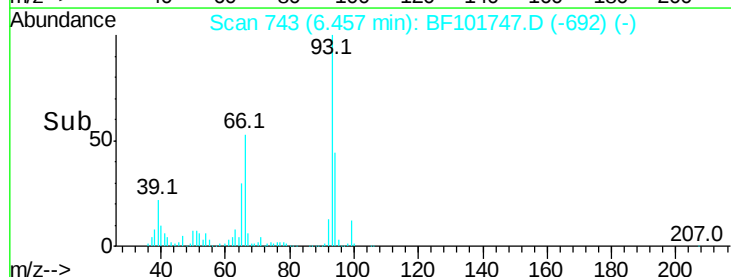
65 29.8 16.4 24.6#

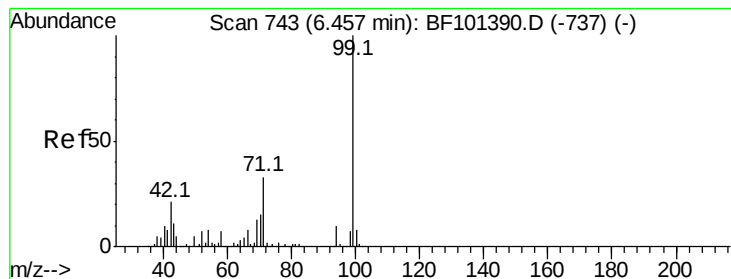


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.801 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101747.D

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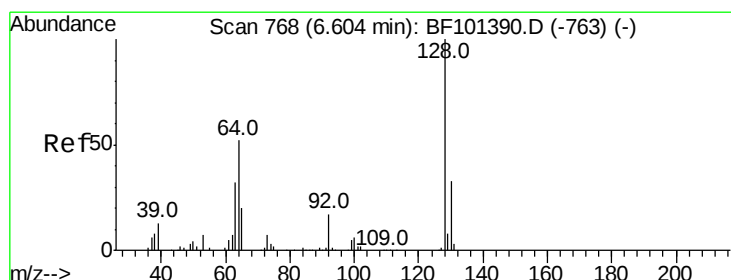
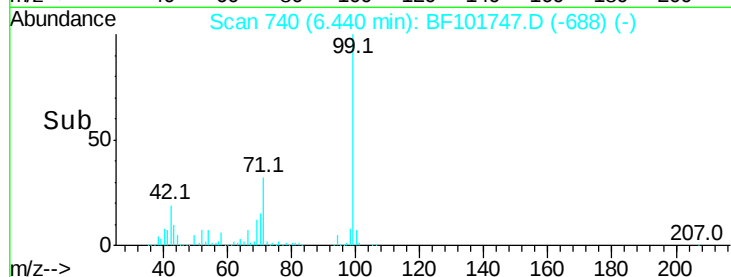
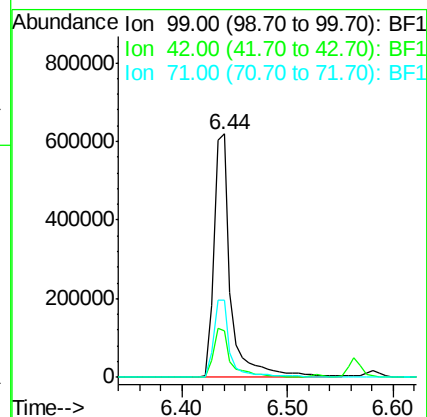
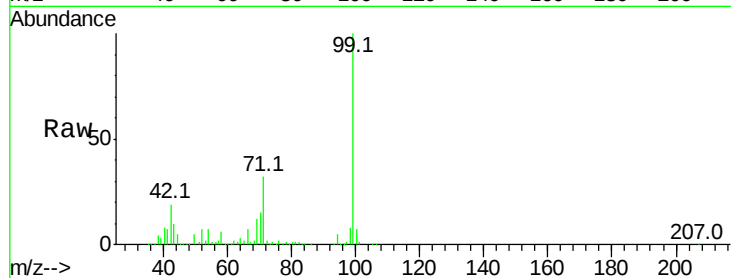
Tot Ion: 99 Resp: 694611

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 38.778 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

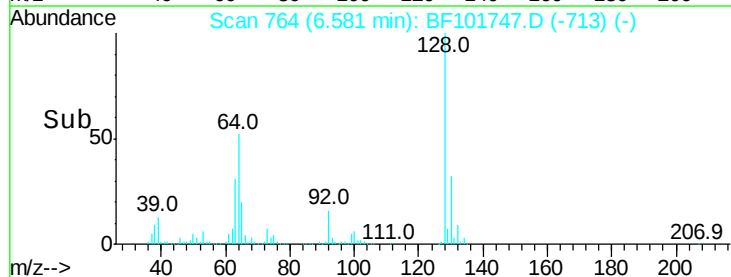
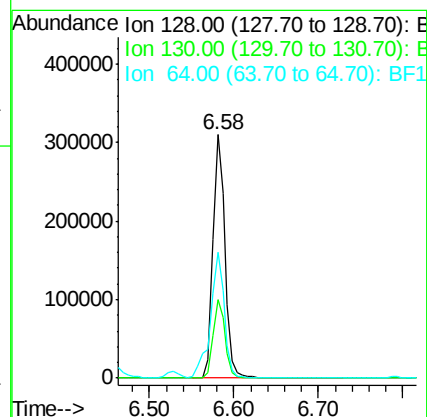
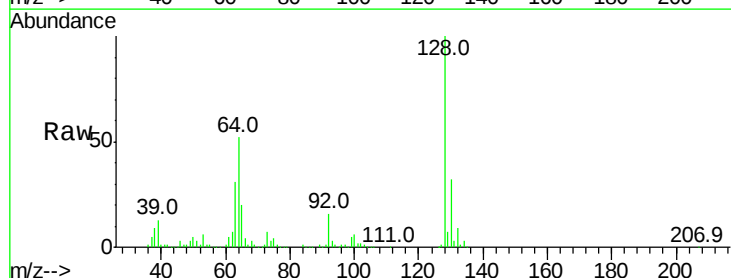
Tgt Ion:128 Resp: 312733

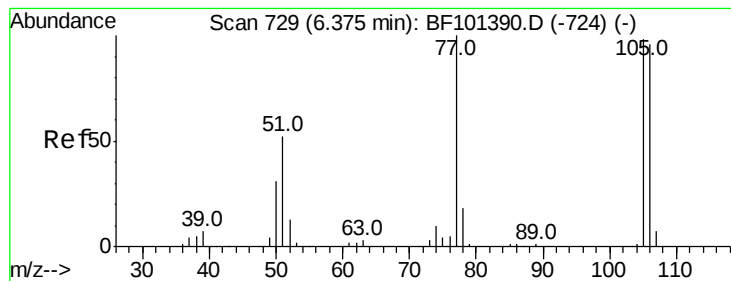
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 51.8 29.4 69.4





#9

Benzaldehyde

Concen: 34.728 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

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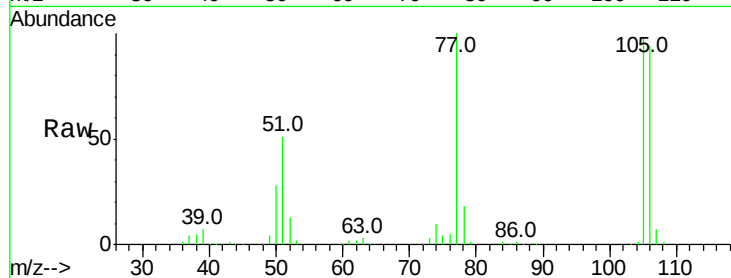
Tot Ion: 77 Resp: 244710

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

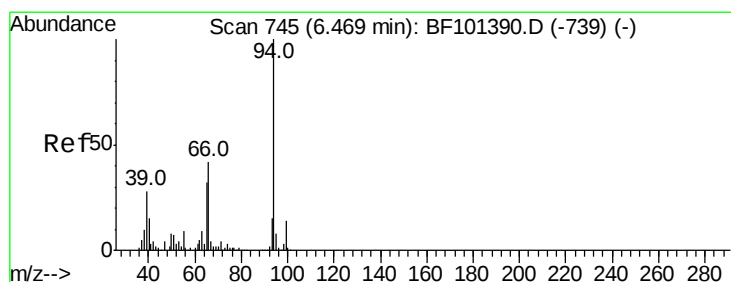
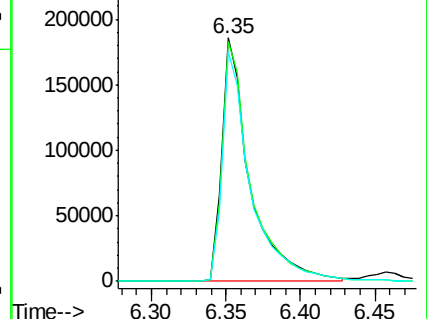
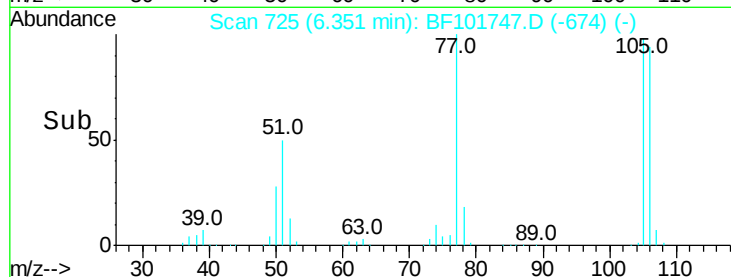
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.557 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

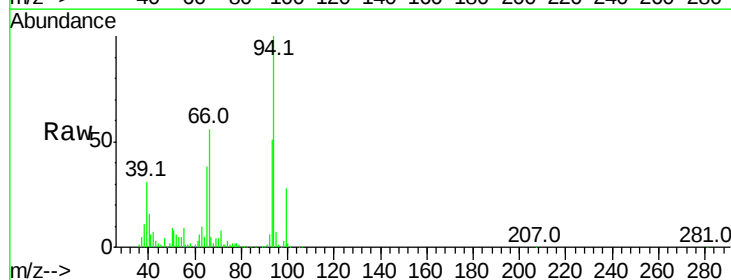
Tgt Ion: 94 Resp: 386678

Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

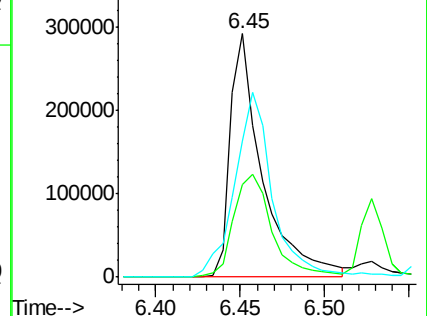
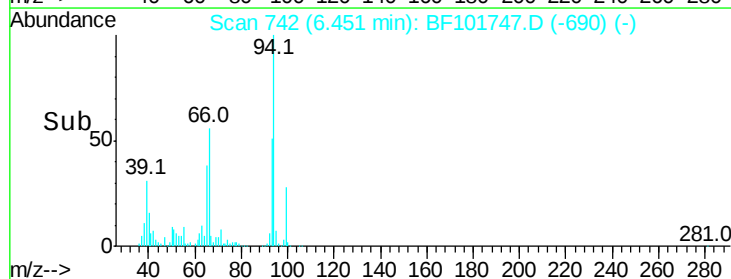
66 56.1 16.2 56.2

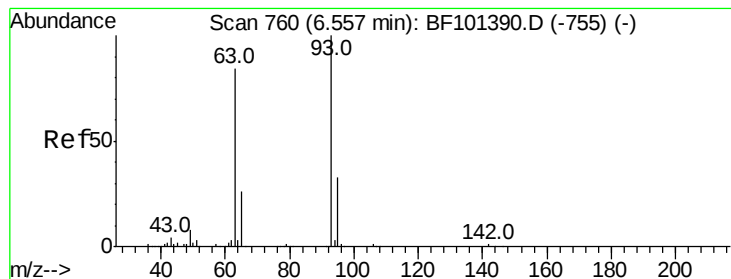


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.811 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

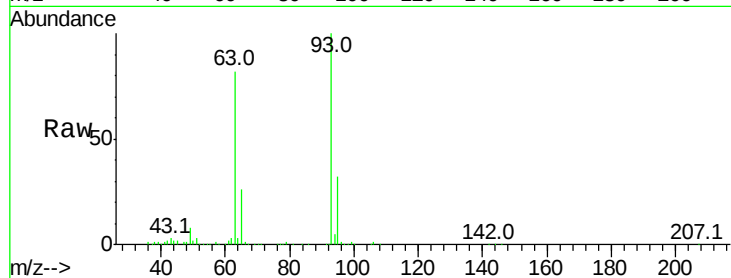
Tot Ion: 93 Resp: 322533

Ion Ratio Lower Upper

93 100

63 82.1 58.6 98.6

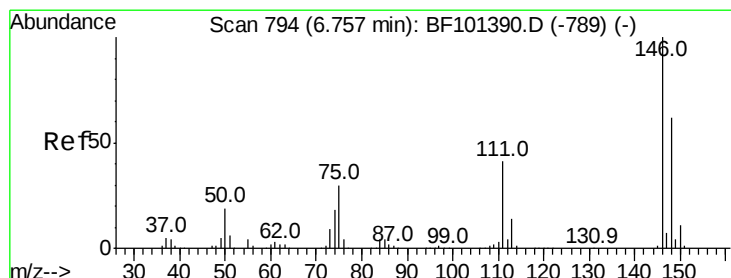
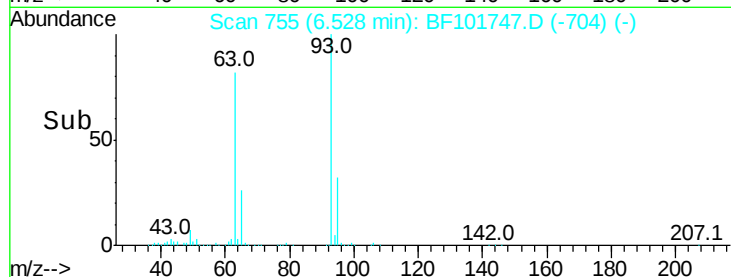
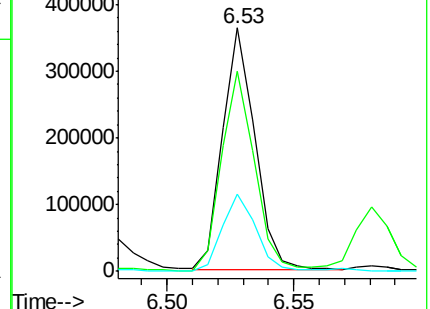
95 31.9 11.8 51.8



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: 40.043 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

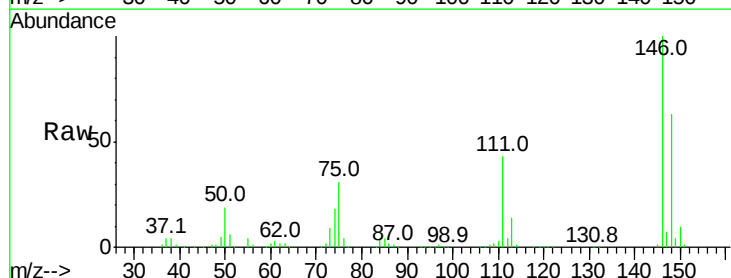
Tgt Ion: 146 Resp: 364468

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

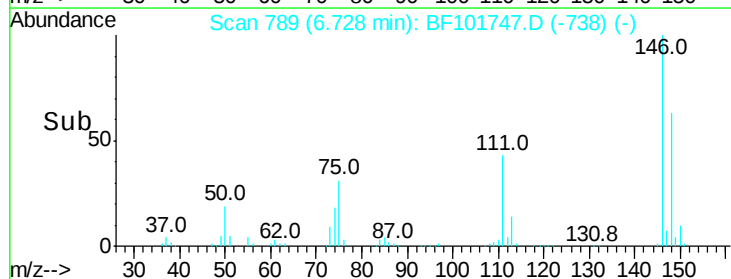
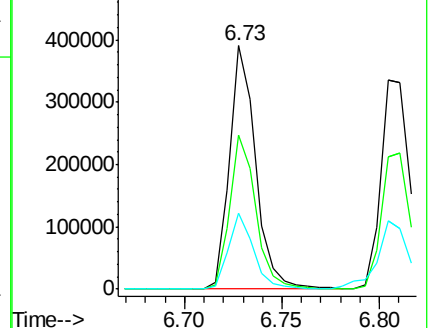
75 31.0 24.2 36.4

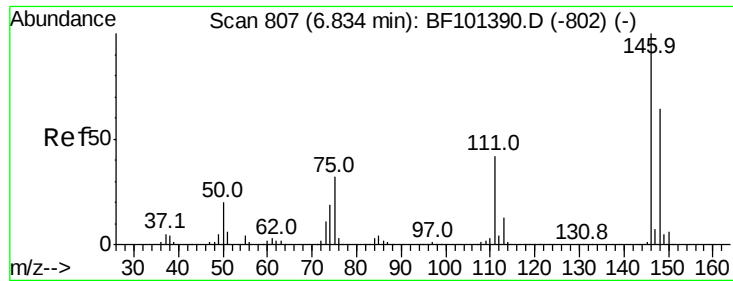


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

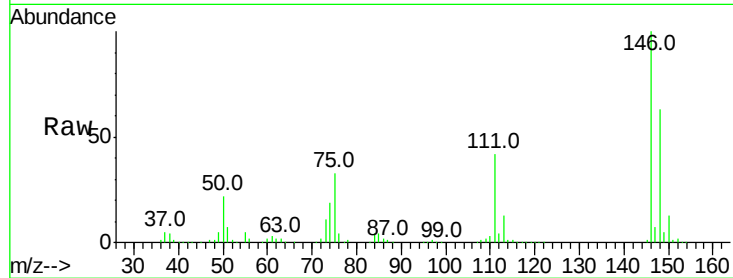




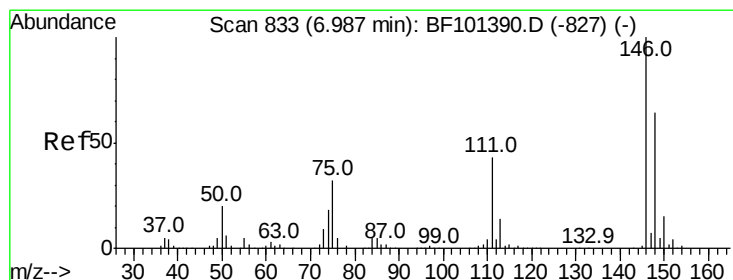
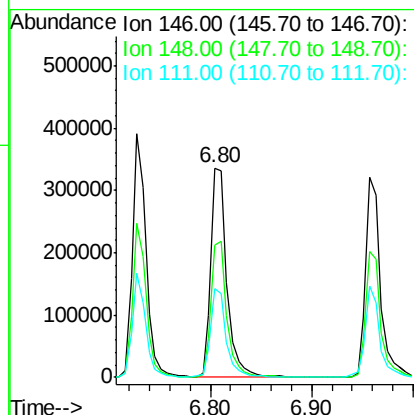
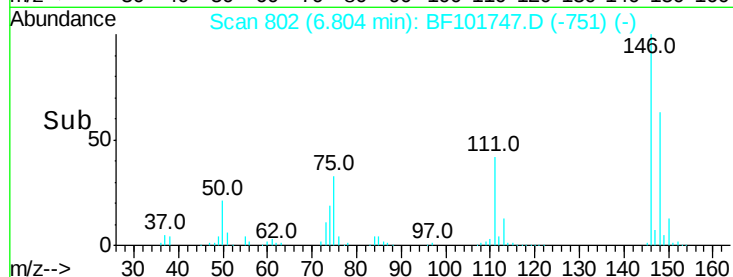
#13
 1,4-Dichlorobenzene
 Concen: 40.103 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 372744
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 42.3 34.2 51.2

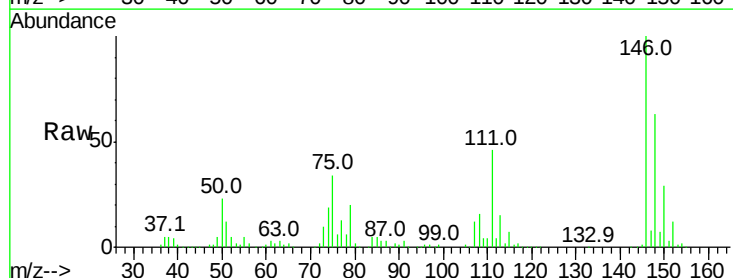


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

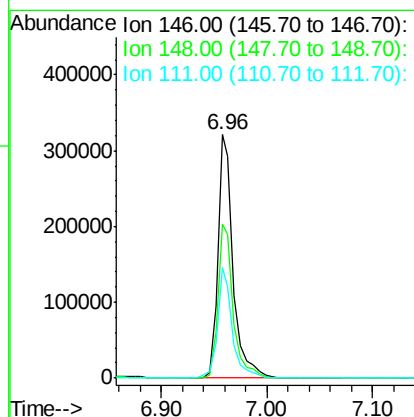
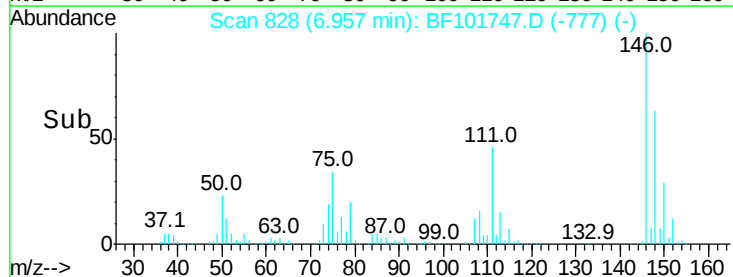


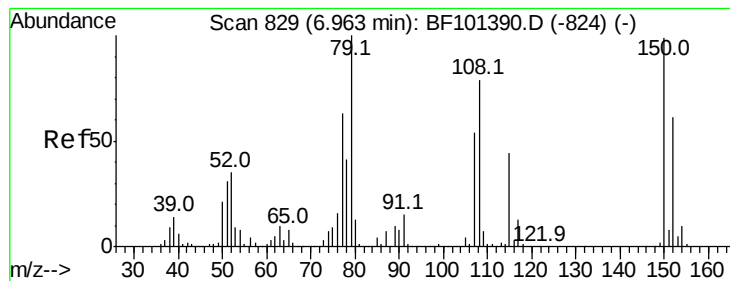
#14
 1,2-Dichlorobenzene
 Concen: 39.132 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion:146 Resp: 327394
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 45.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.031 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

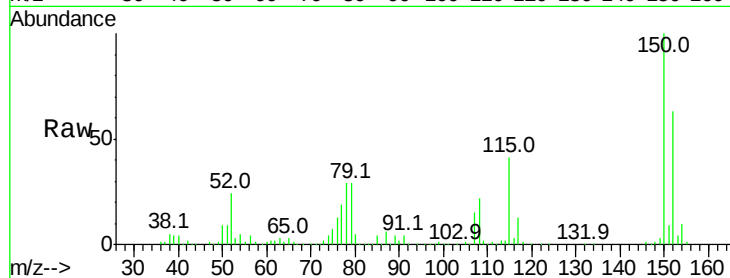
Tot Ion: 79 Resp: 236626

Ion Ratio Lower Upper

79 100

108 77.1 65.1 97.7

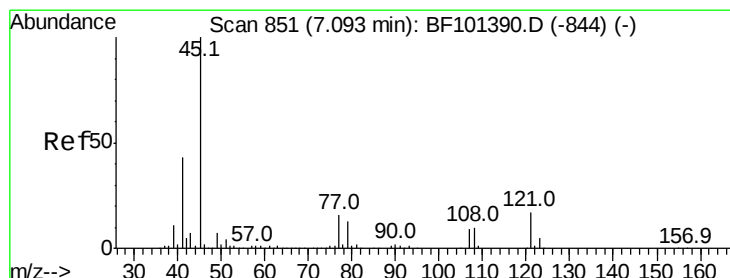
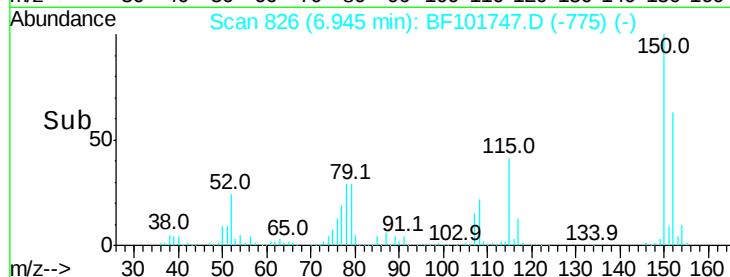
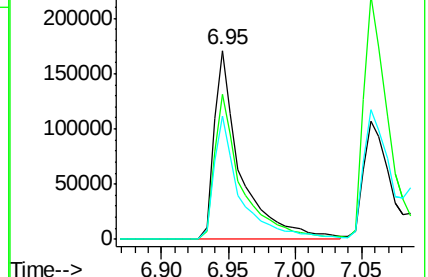
77 65.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.675 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

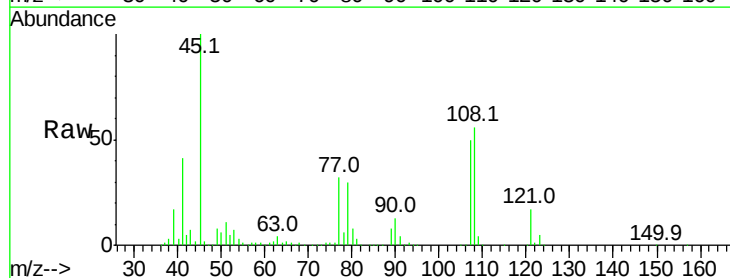
Tgt Ion: 45 Resp: 478786

Ion Ratio Lower Upper

45 100

77 31.7 0.0 32.9

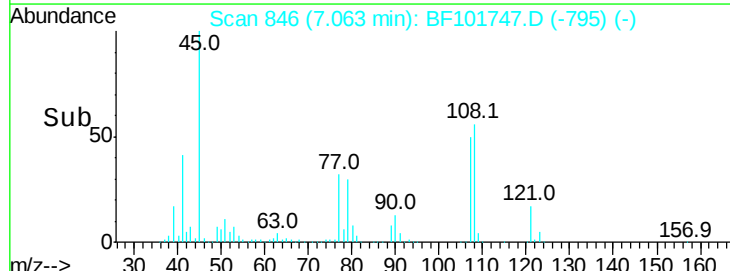
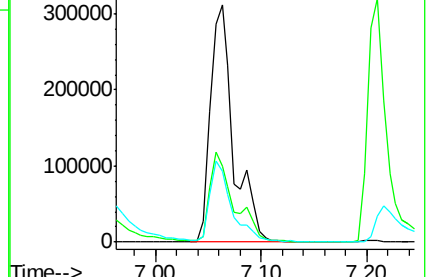
79 29.7 0.0 29.6#

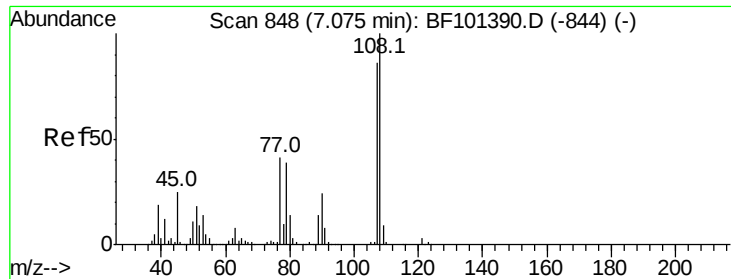


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.341 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 262173

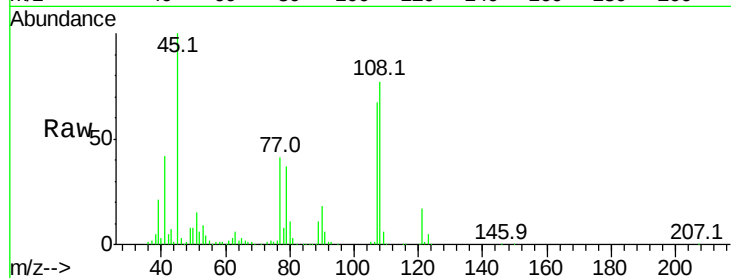
Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 61.6 33.8 50.8#

79 55.8 33.8 50.8#

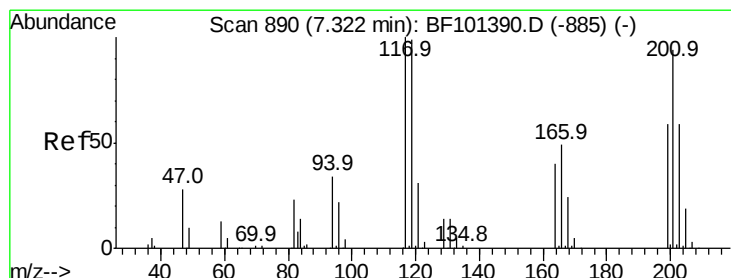
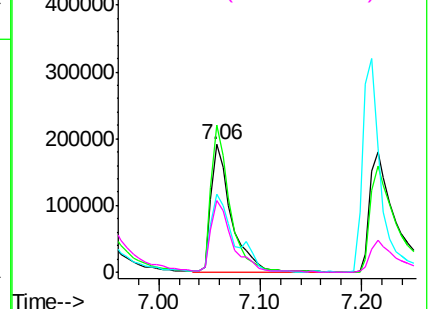
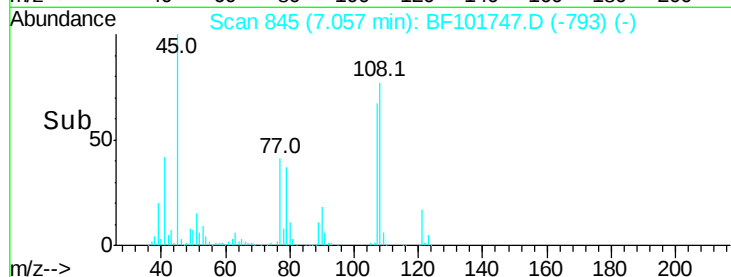


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.193 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

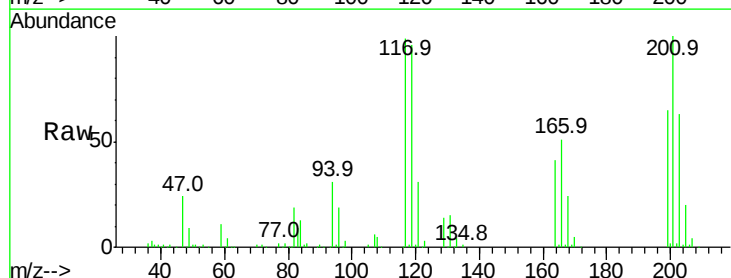
Tgt Ion:117 Resp: 104035

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

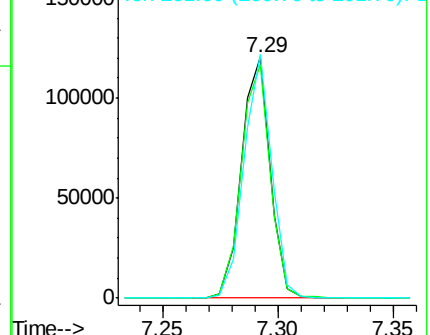
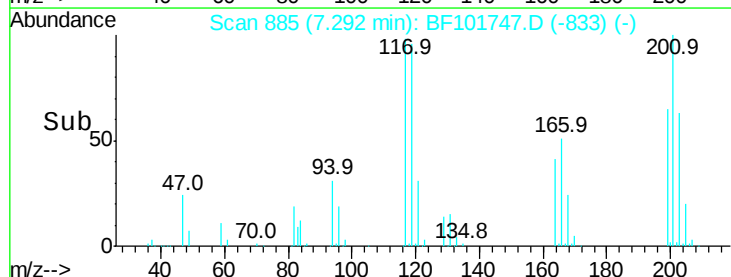
201 101.1 75.7 113.5



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

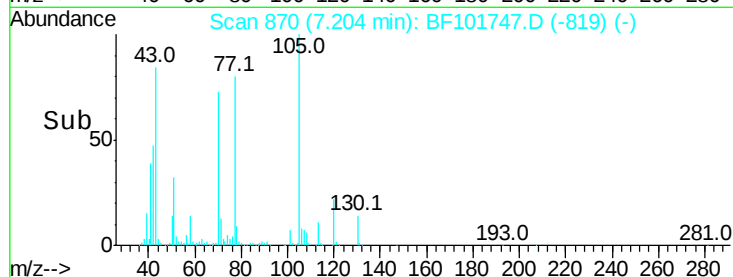
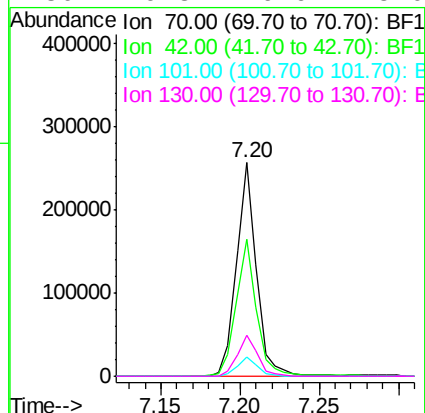
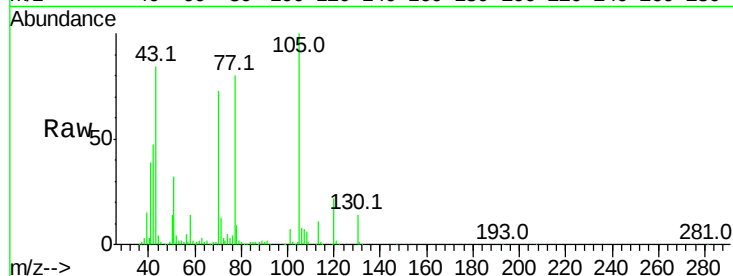




#19
n-Nitroso-di-n-propylamine
Concen: 36.050 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

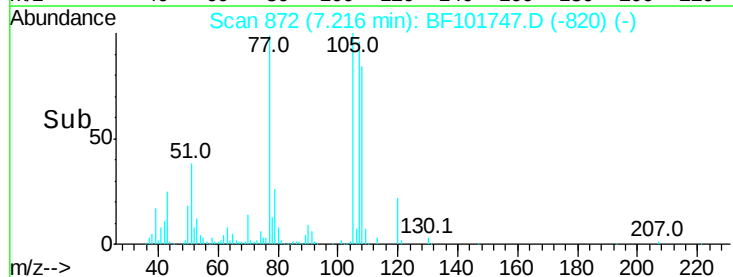
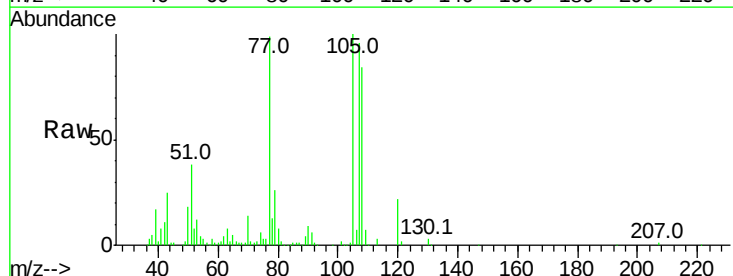
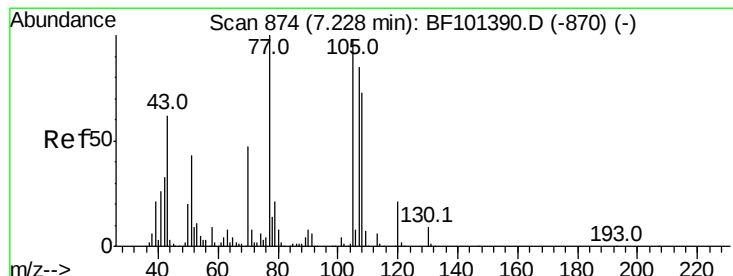
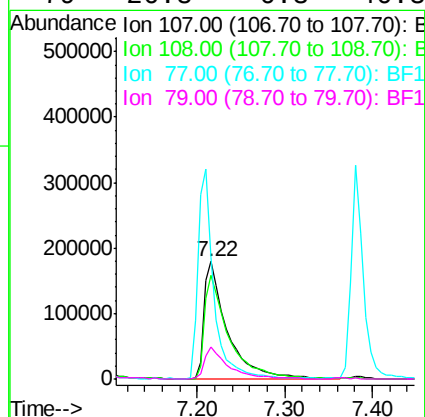
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

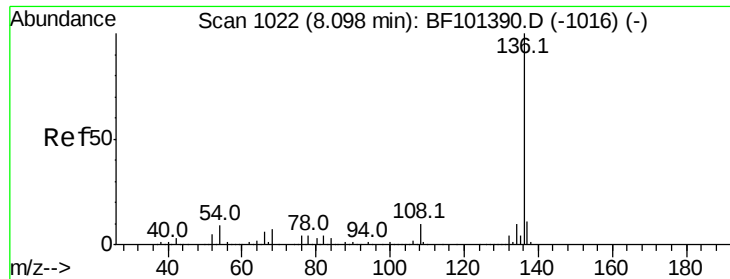
Tot Ion:	70	Resp:	225884
Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.5	71.3
101	9.0	7.4	11.2
130	19.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.439 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:	107	Resp:	333615
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	103.2	26.7	66.7#
79	26.8	6.3	46.3

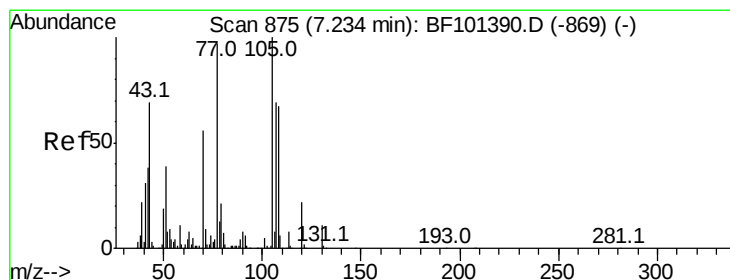
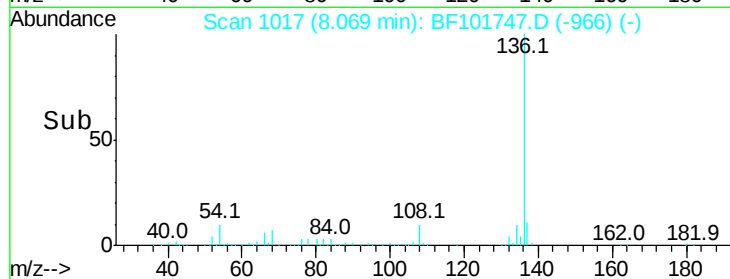
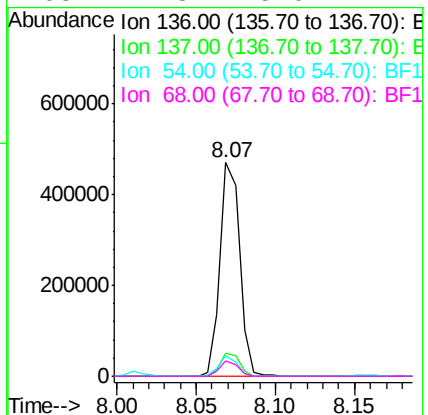
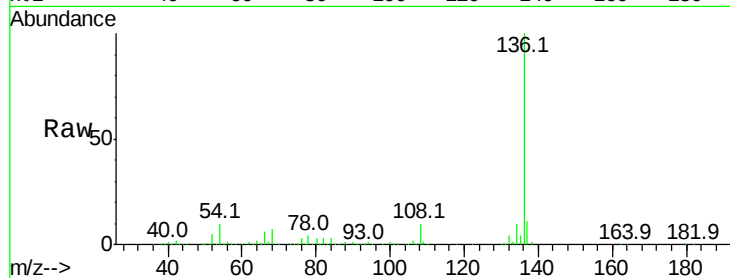




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

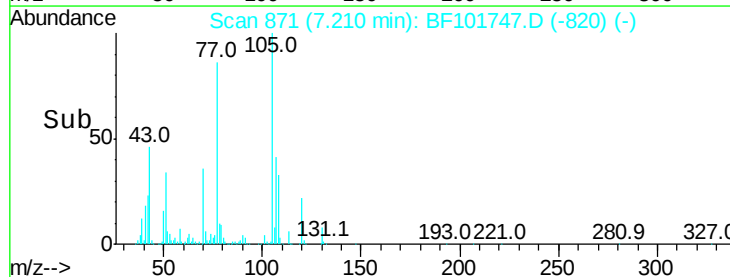
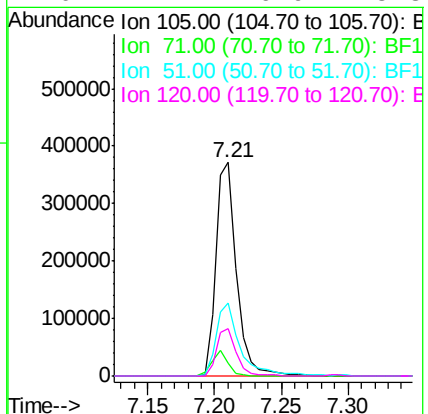
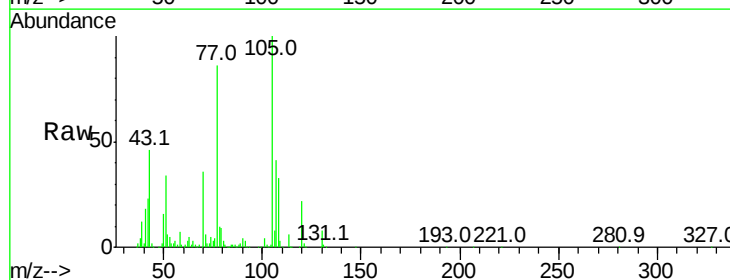
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

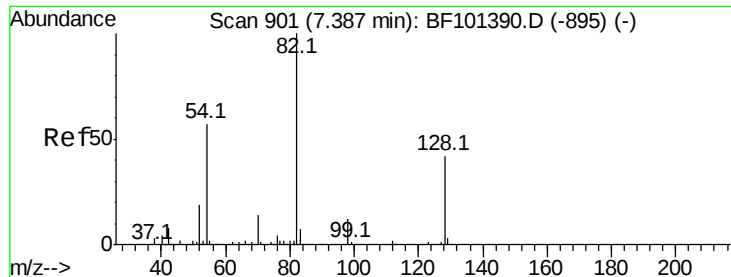
Tot Ion:136	Resp:	407834
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.9	6.6 9.8#
68	7.3	5.0 7.4



#22
Acetophenone
Concen: 43.781 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:105	Resp:	407422
Ion Ratio	Lower	Upper
105	100	
71	6.1	4.4 6.6
51	34.0	22.3 33.5#
120	22.2	16.9 25.3

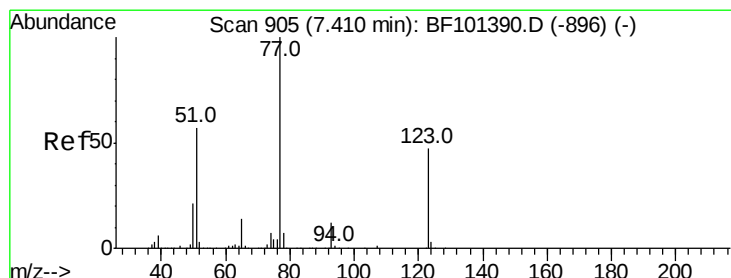
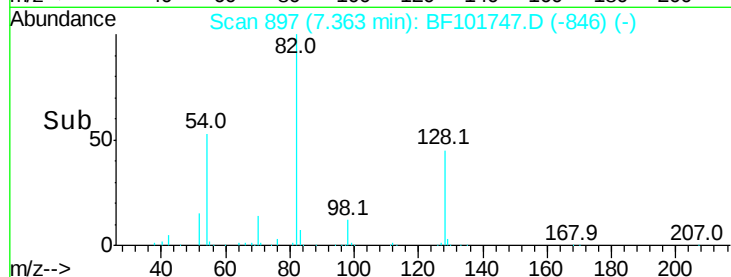
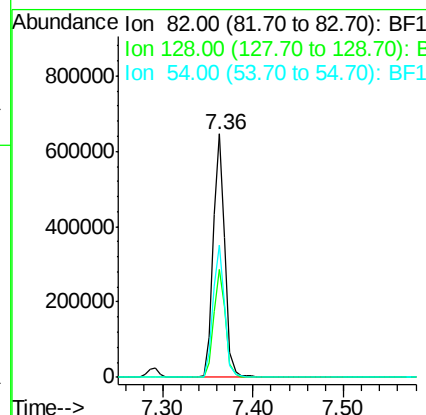
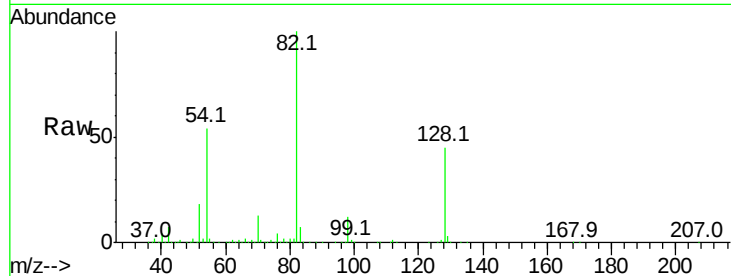




#23
Nitrobenzene-d5
Concen: 80.929 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

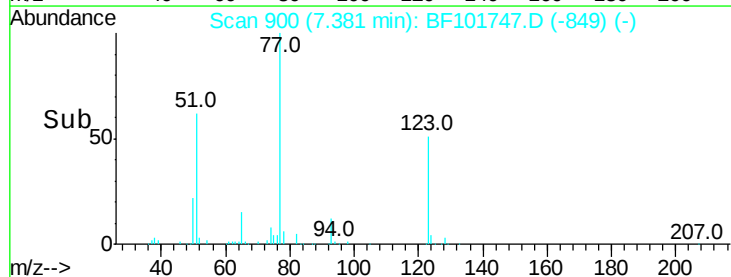
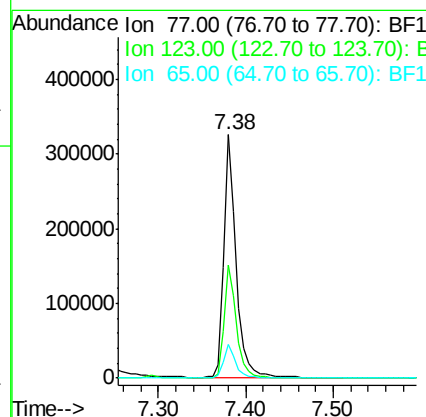
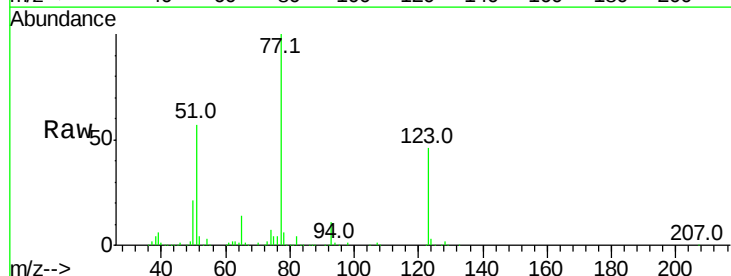
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

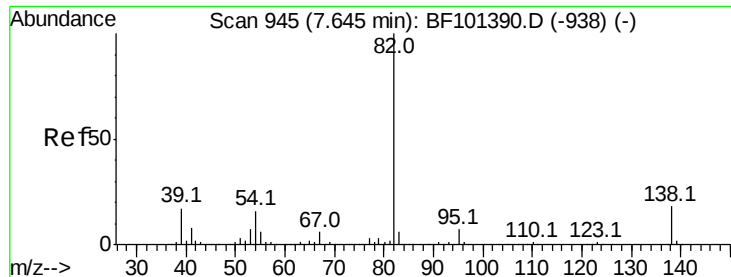
Tot Ion: 82 Resp: 592926
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 54.2 41.4 62.2



#24
Nitrobenzene
Concen: 39.285 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion: 77 Resp: 318547
Ion Ratio Lower Upper
77 100
123 46.4 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 36.580 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

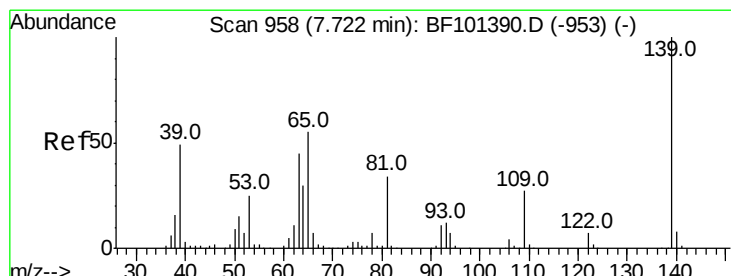
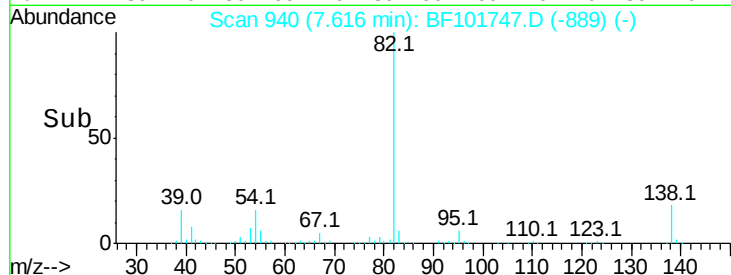
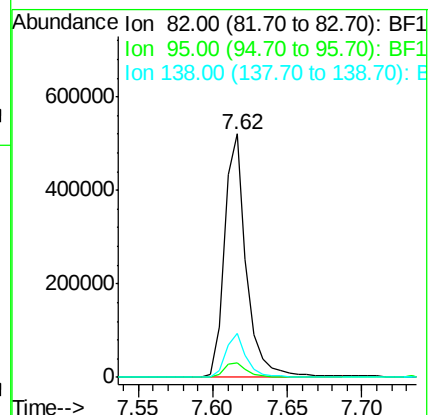
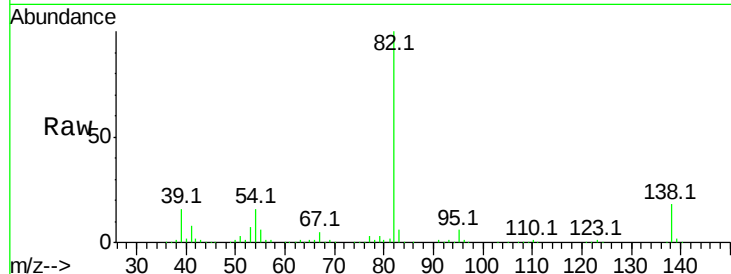
Tot Ion: 82 Resp: 537637

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 37.953 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

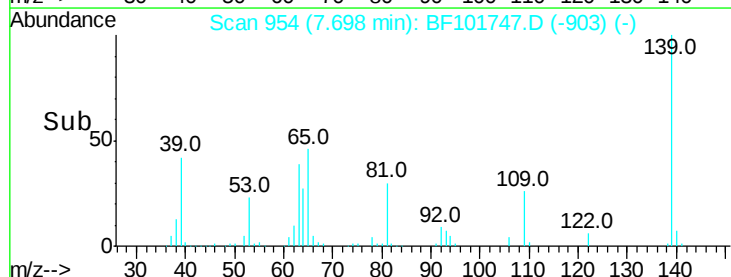
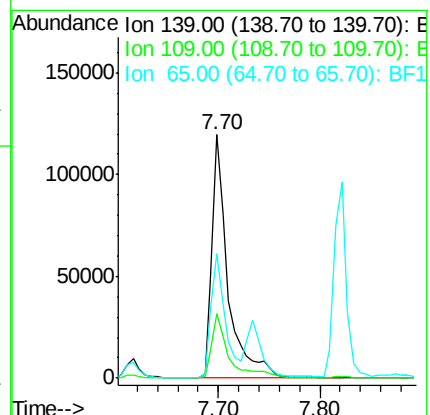
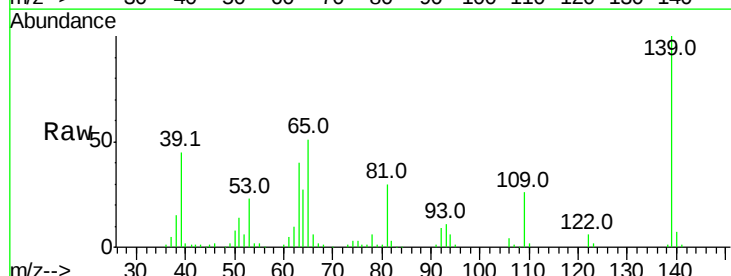
Tgt Ion: 139 Resp: 132212

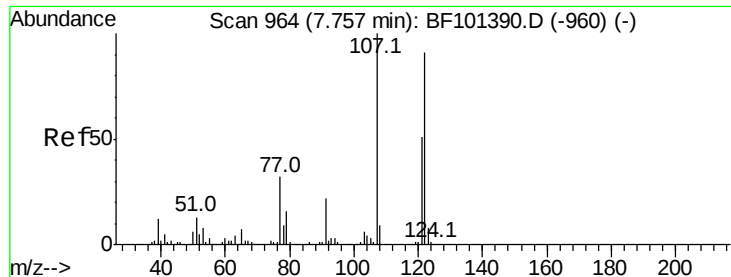
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 51.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.728 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

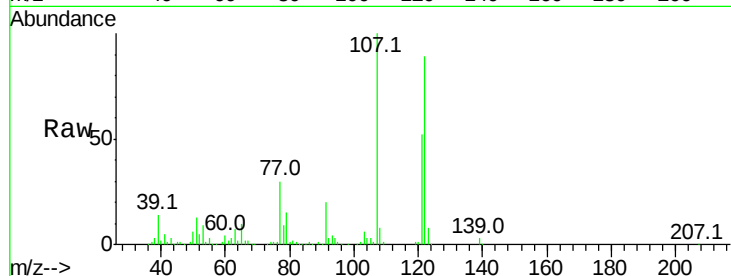
Tot Ion:122 Resp: 235118

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

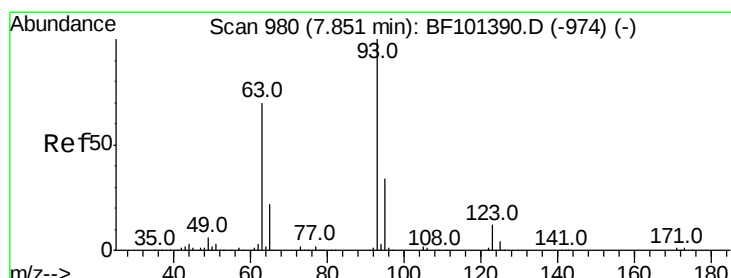
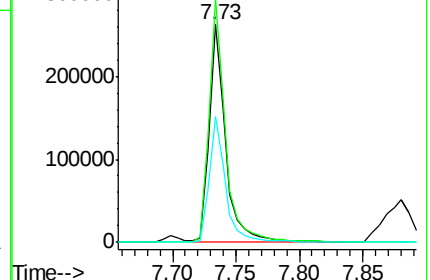
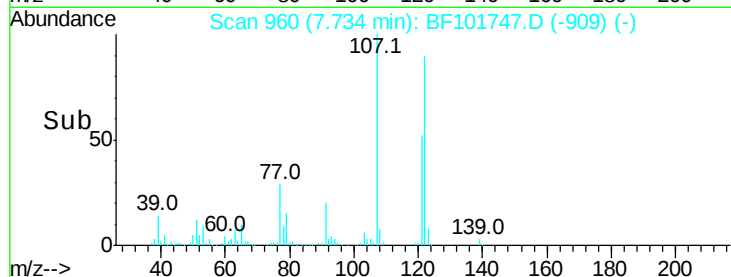
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.636 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

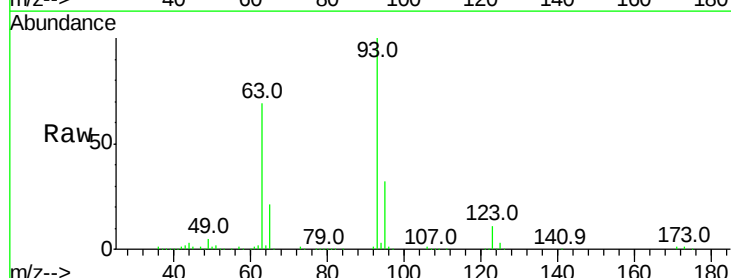
Tgt Ion: 93 Resp: 370050

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

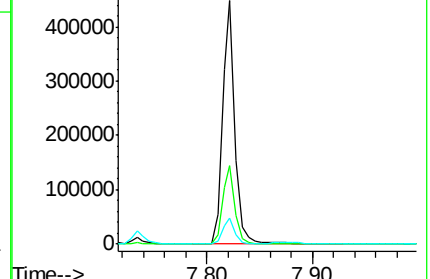
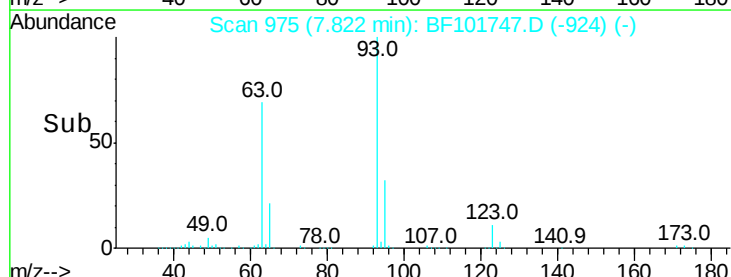
123 10.9 9.8 14.6

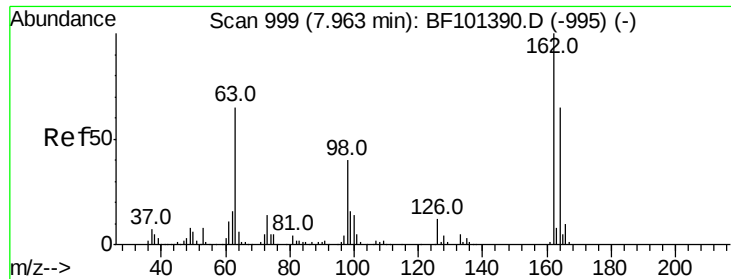


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

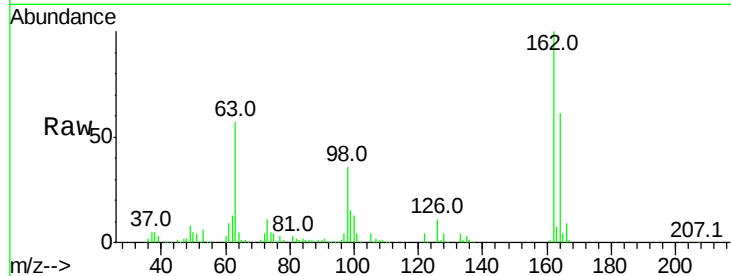




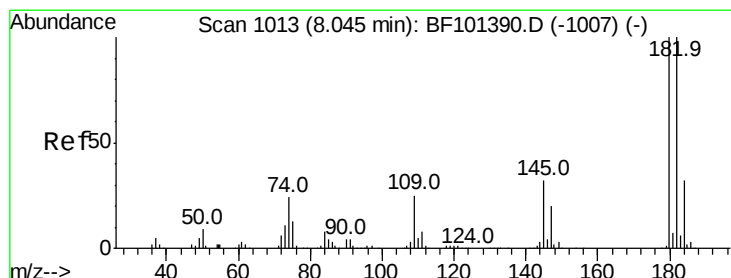
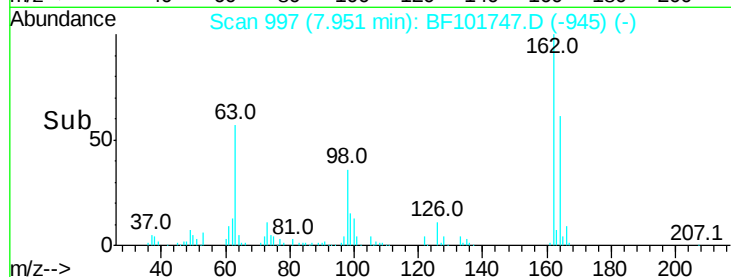
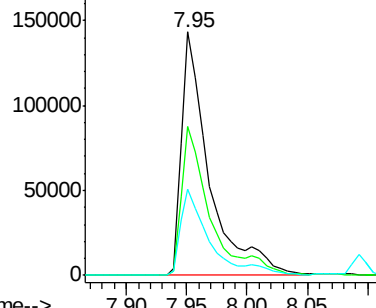
#29
2,4-Dichlorophenol
Concen: 39.027 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	42.7	82.7
98	35.5	18.1	58.1

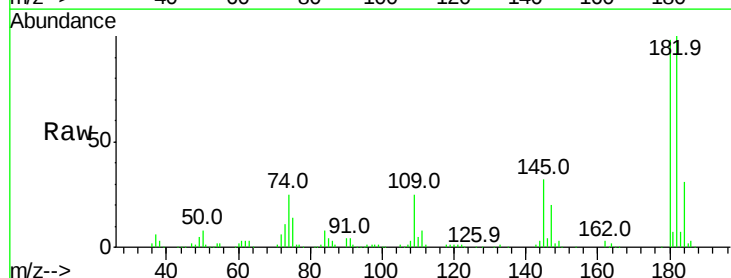


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

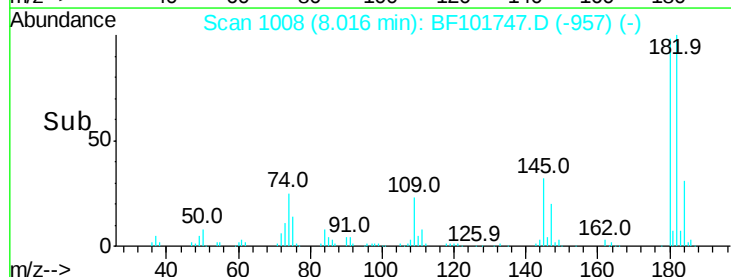
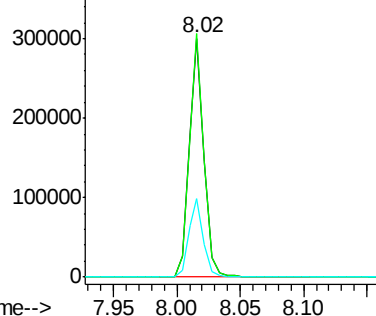


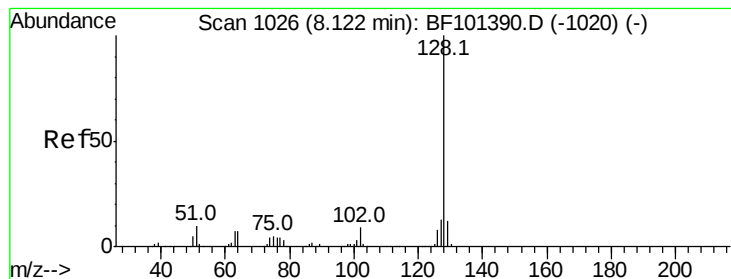
#30
1,2,4-Trichlorobenzene
Concen: 39.689 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	76.8	115.2
145	33.1	26.5	39.7



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





#31

Naphthalene

Concen: 38.920 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

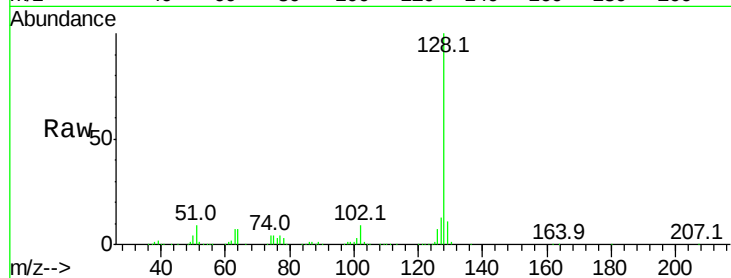
Tot Ion:128 Resp: 799097

Ion Ratio Lower Upper

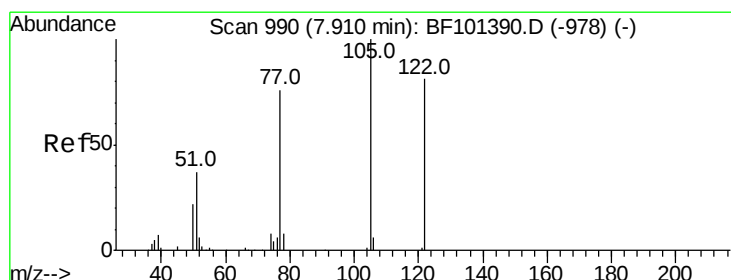
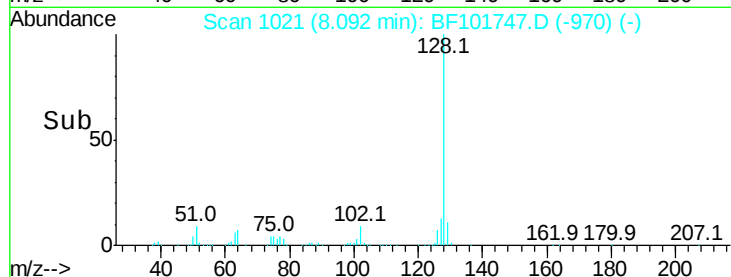
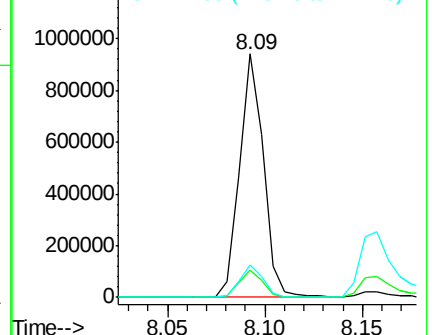
128 100

129 11.2 8.8 13.2

127 13.5 10.9 16.3



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



#32

Benzoic acid

Concen: 31.523 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

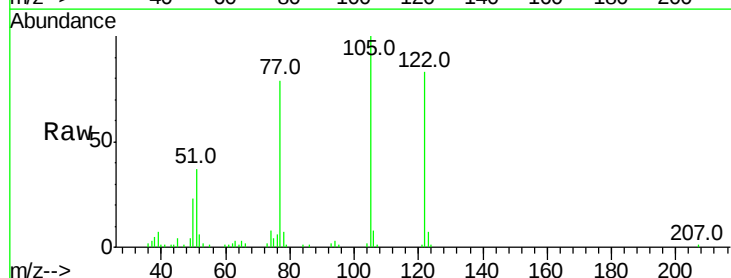
Tgt Ion:122 Resp: 112639

Ion Ratio Lower Upper

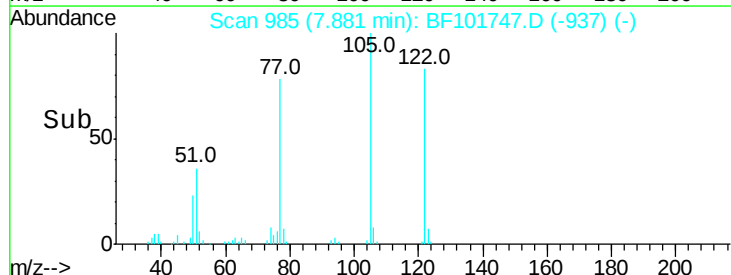
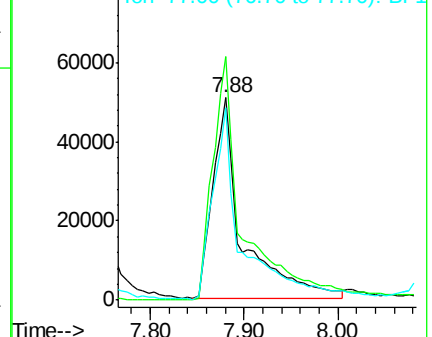
122 100

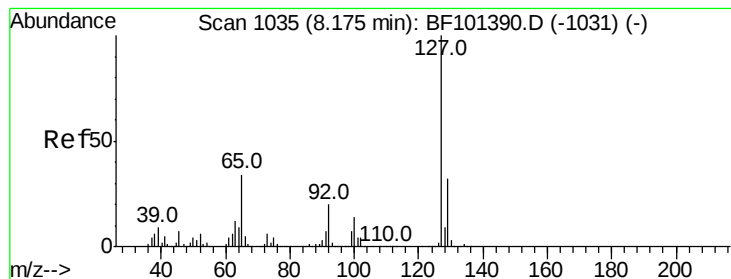
105 120.4 101.1 141.1

77 95.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

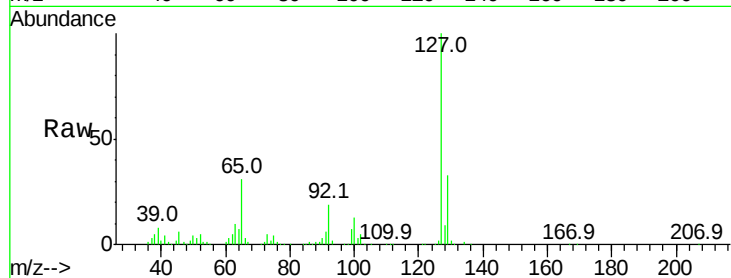




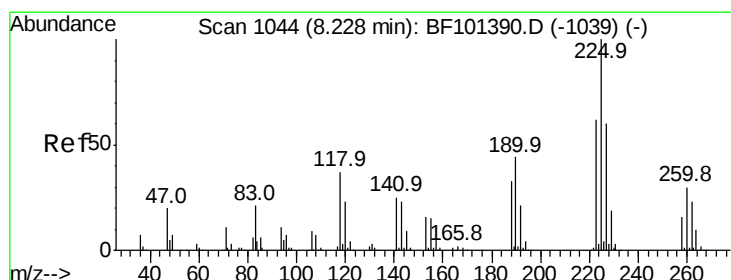
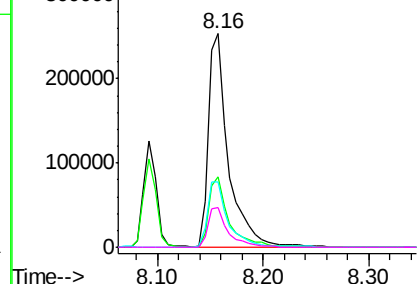
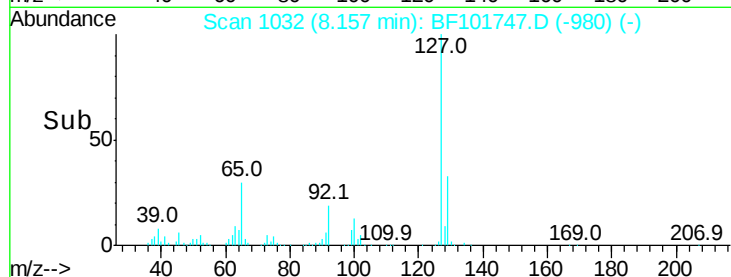
#33
4-Chloroaniline
Concen: 36.956 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	329786
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	30.6	25.0	37.4
92	18.8	15.2	22.8

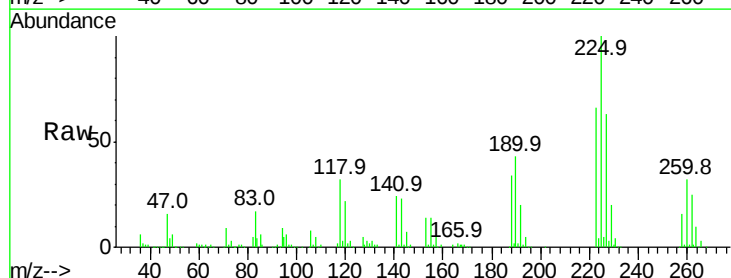


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

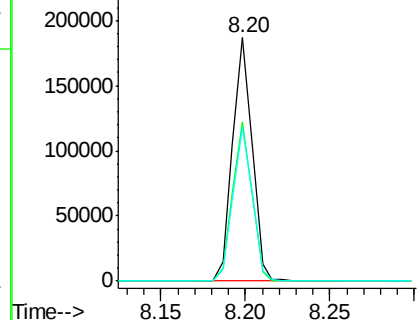
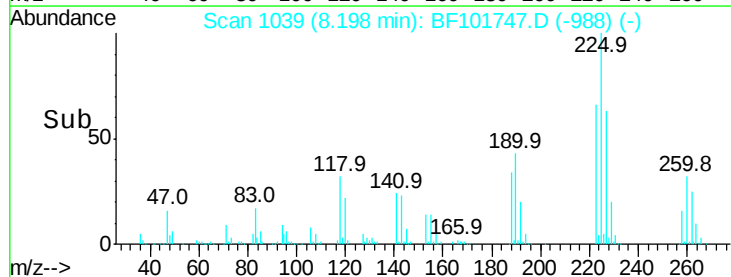


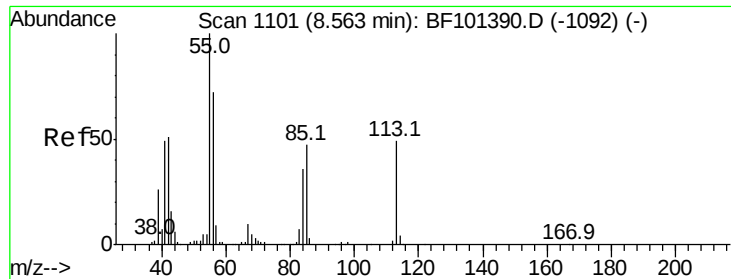
#34
Hexachlorobutadiene
Concen: 42.156 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:	225	Resp:	150440
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.6	76.0
227	63.0	51.9	77.9



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

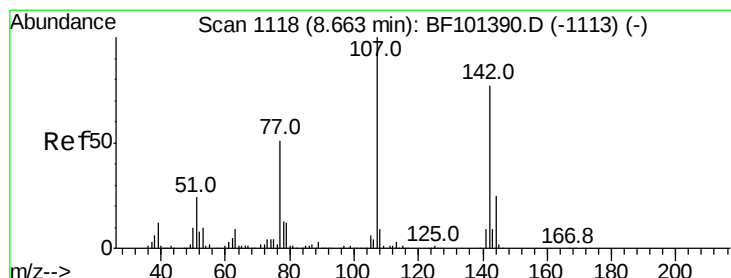
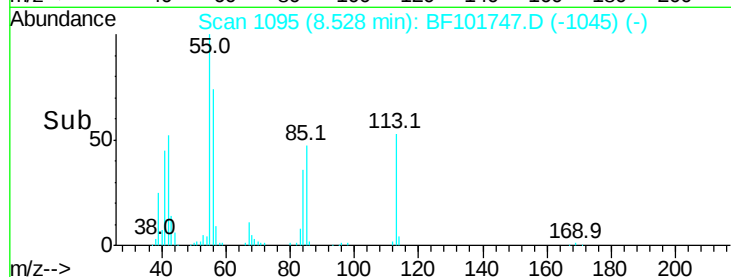
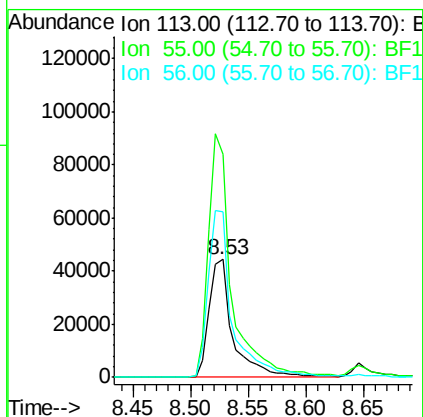
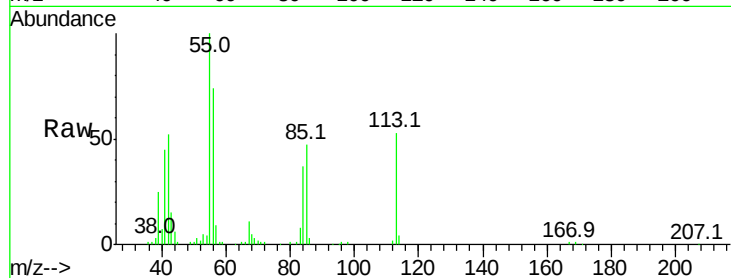




#35
 Caprolactam
 Concen: 31.583 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

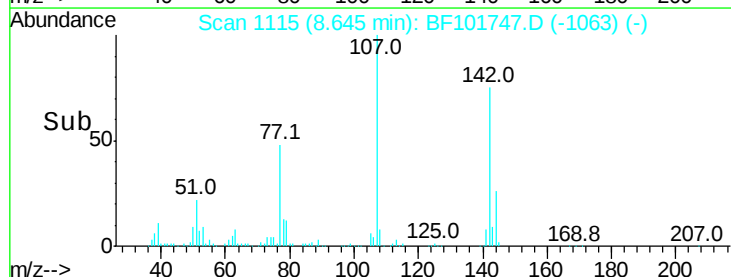
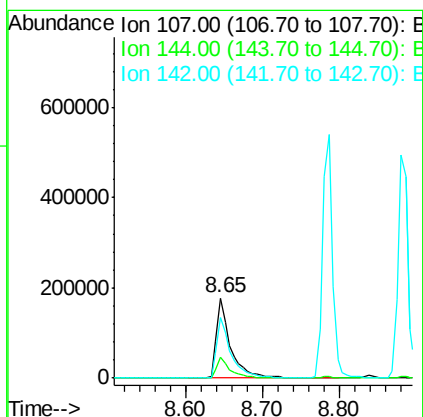
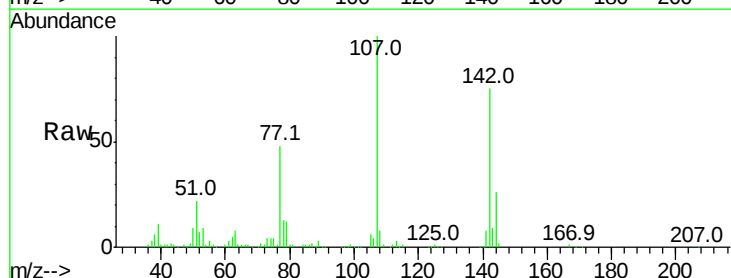
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

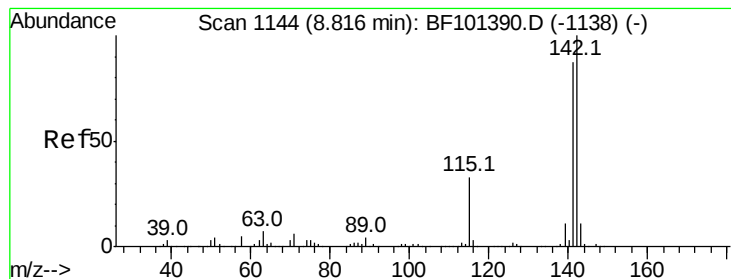
Tot Ion:113 Resp: 64120
 Ion Ratio Lower Upper
 113 100
 55 189.1 163.3 203.3
 56 140.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.230 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion:107 Resp: 219971
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.138 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

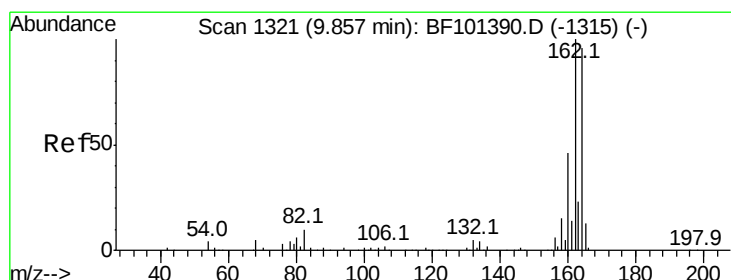
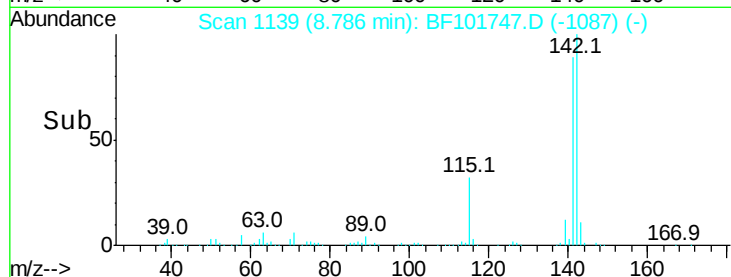
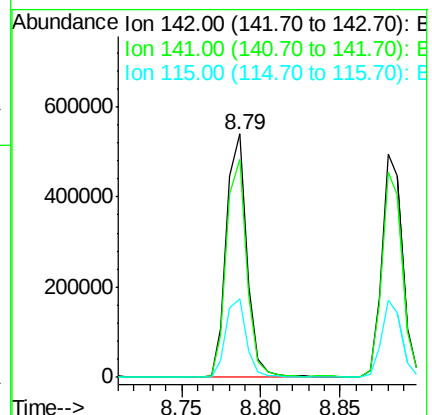
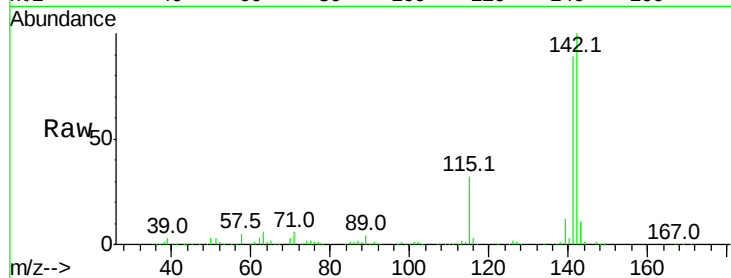
Tot Ion:142 Resp: 483416

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

115 32.4 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

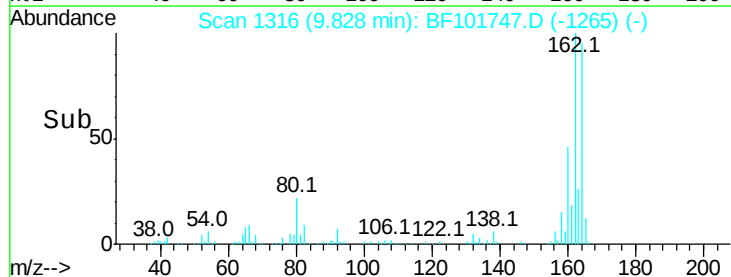
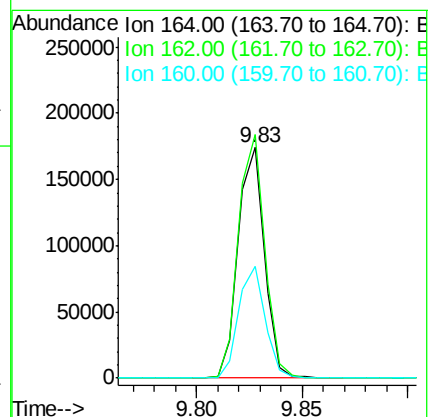
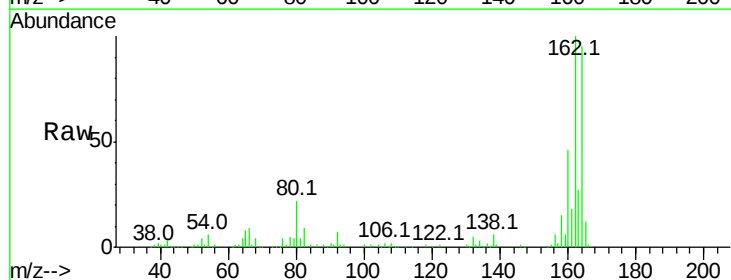
Tgt Ion:164 Resp: 148885

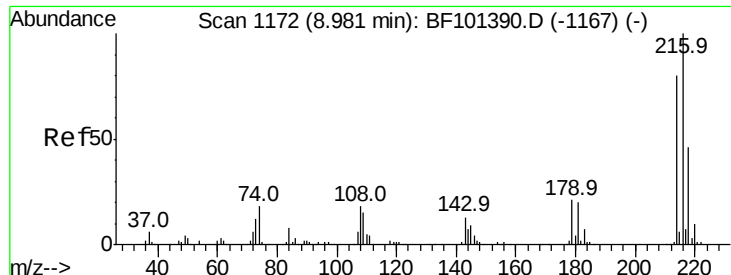
Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

160 48.4 38.3 57.5

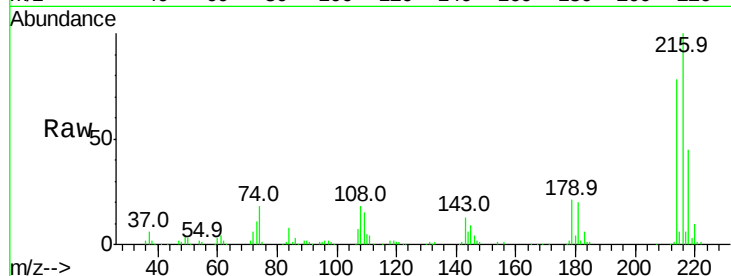




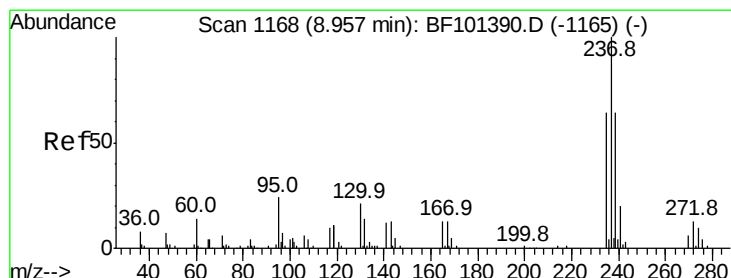
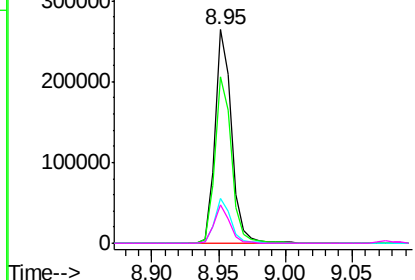
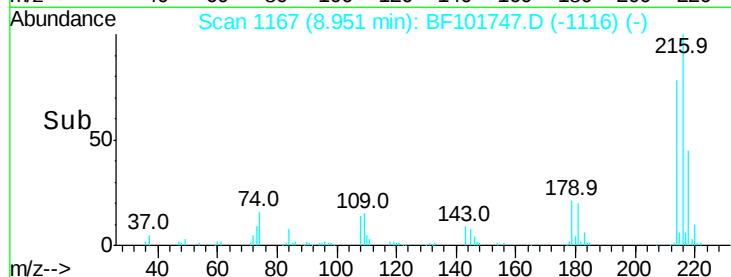
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.380 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	233141
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.1	18.1	27.1
108	17.1	17.2	25.8#

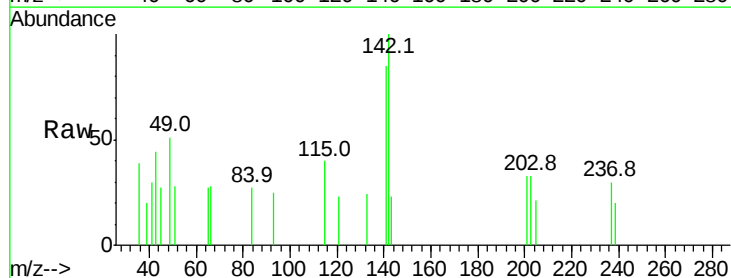


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

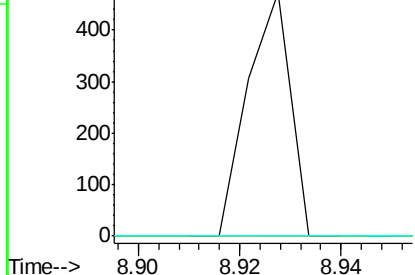
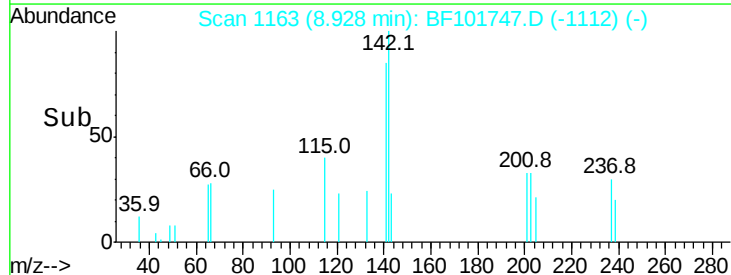


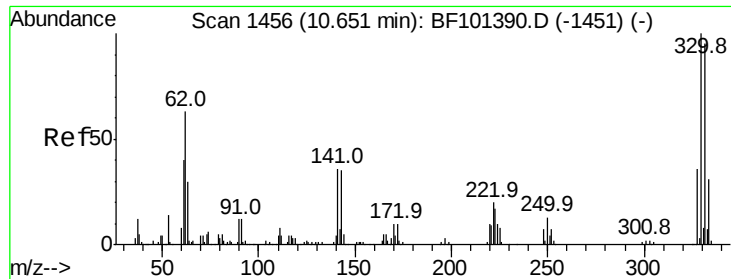
#40
 Hexachlorocyclopentadiene
 Concen: 11.678 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion:	237	Resp:	275
Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.8	84.8#
272	0.0	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

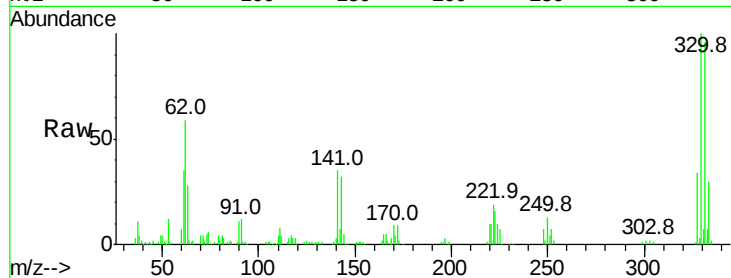




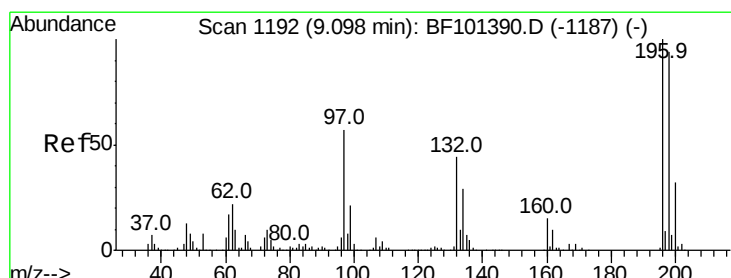
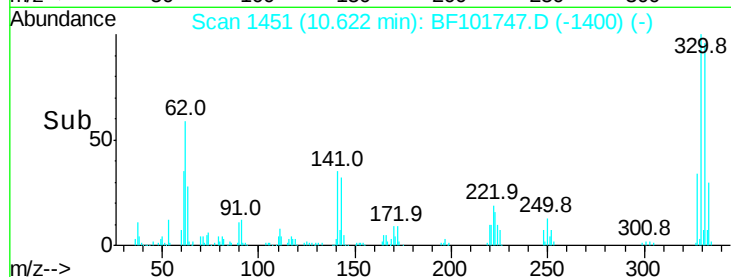
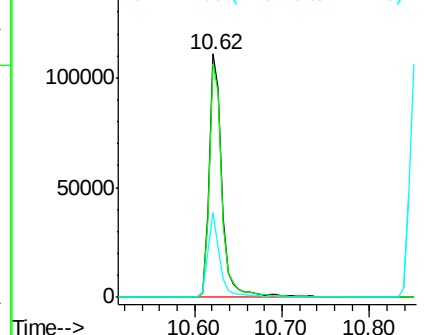
#41
 2,4,6-Tribromophenol
 Concen: 78.924 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.2	29.9	44.9

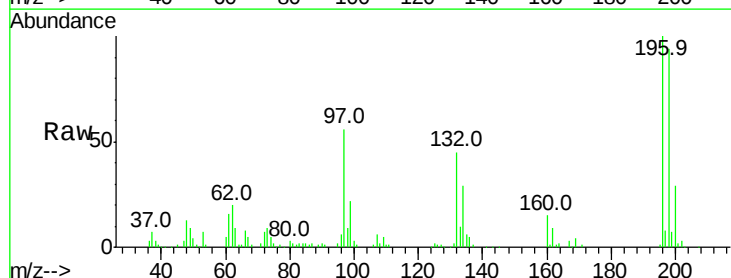


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

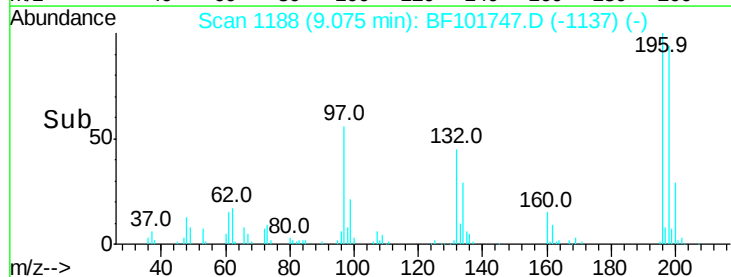
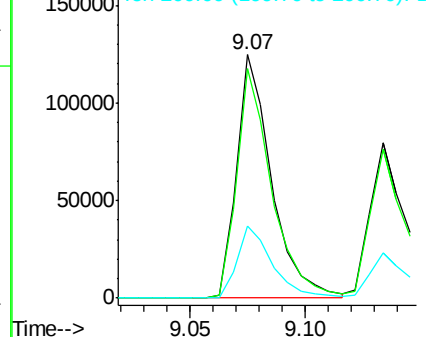


#42
 2,4,6-Trichlorophenol
 Concen: 43.437 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	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

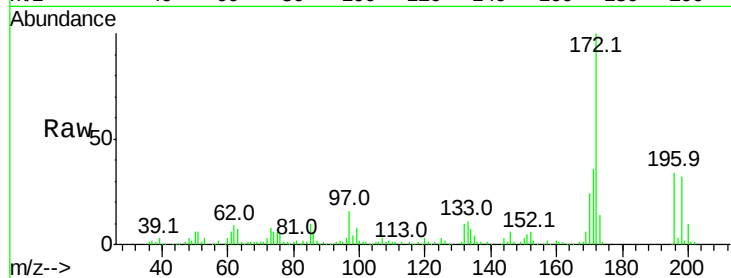




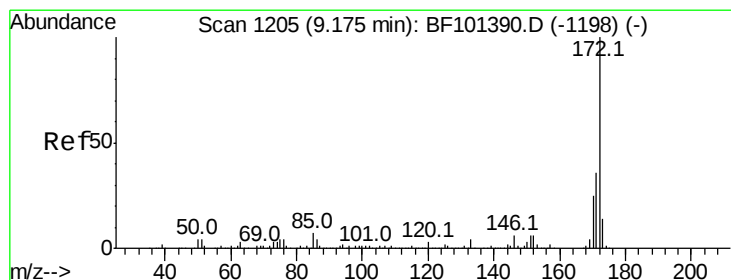
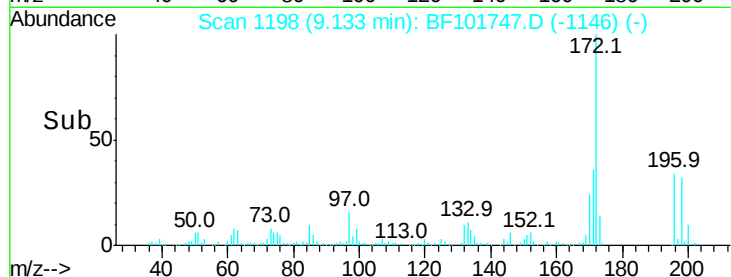
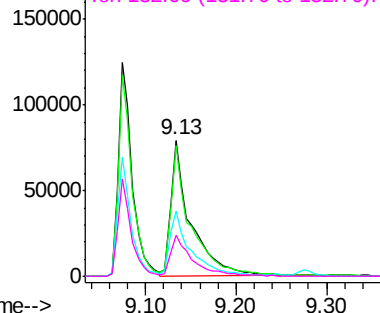
#43
 2,4,5-Trichlorophenol
 Concen: 36.631 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	47.8	42.9	64.3
132	30.5	26.3	39.5



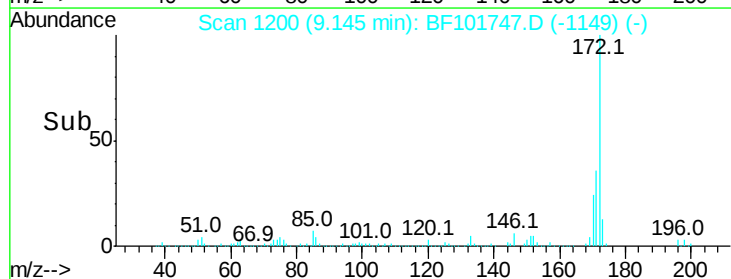
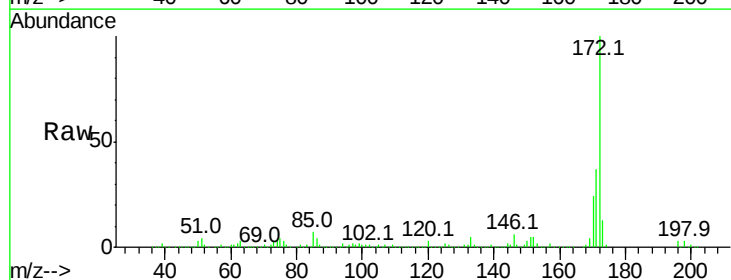
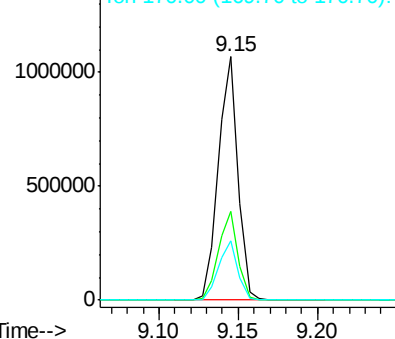
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

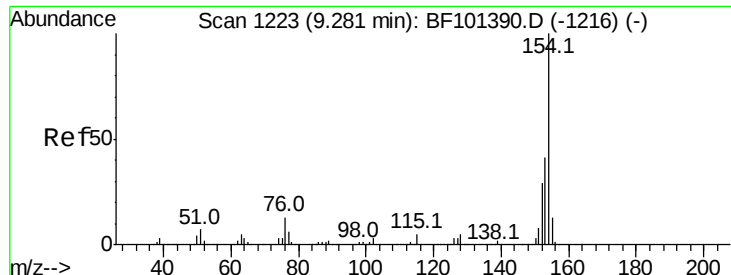


#44
 2-Fluorobiphenyl
 Concen: 95.195 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

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





#45

1,1'-Biphenyl

Concen: 44.138 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

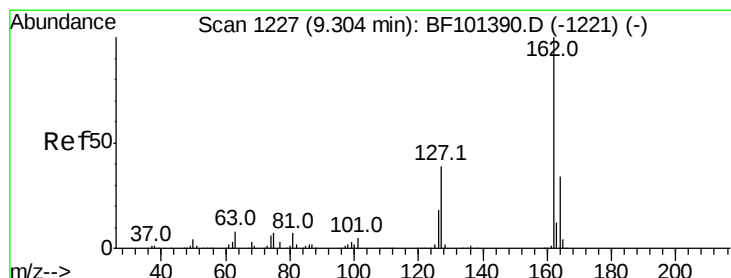
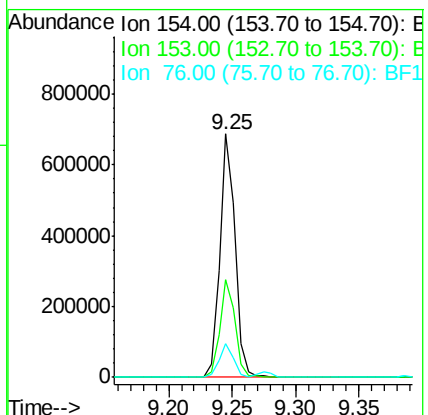
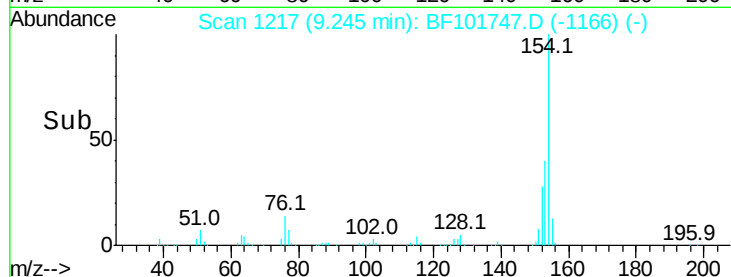
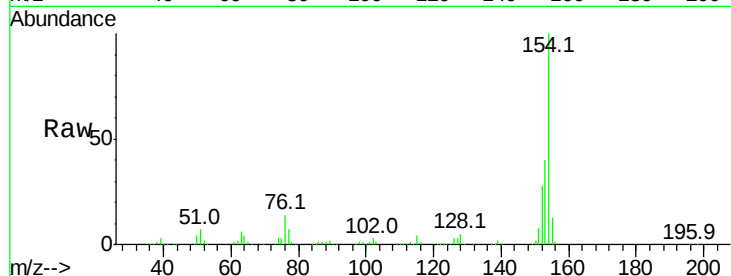
Tot Ion:154 Resp: 582789

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

76 14.0 0.0 34.0



#46

2-Chloronaphthalene

Concen: 41.696 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

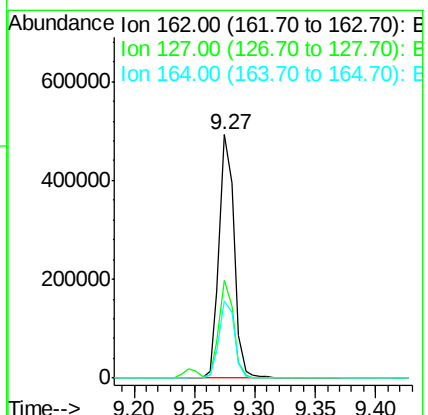
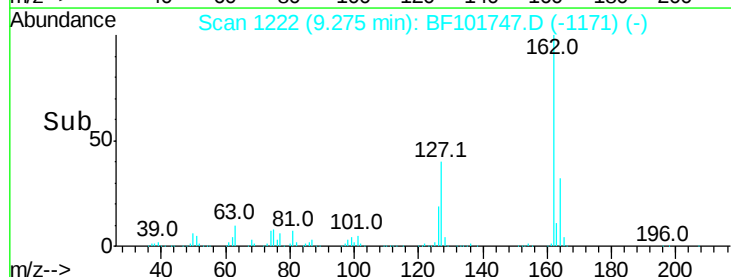
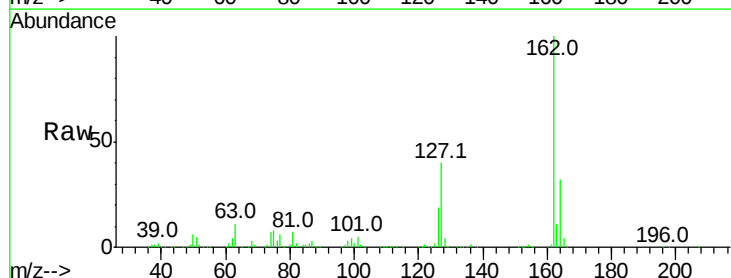
Tgt Ion:162 Resp: 421256

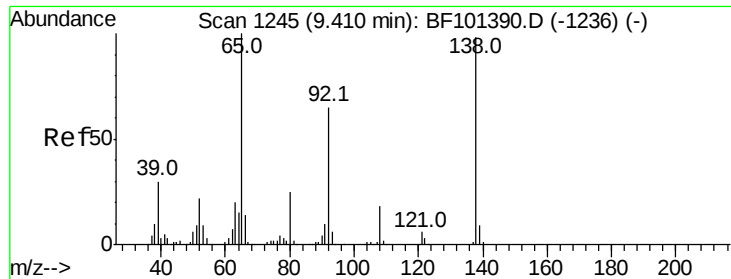
Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

164 31.7 26.5 39.7





#47

2-Nitroaniline

Concen: 40.956 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

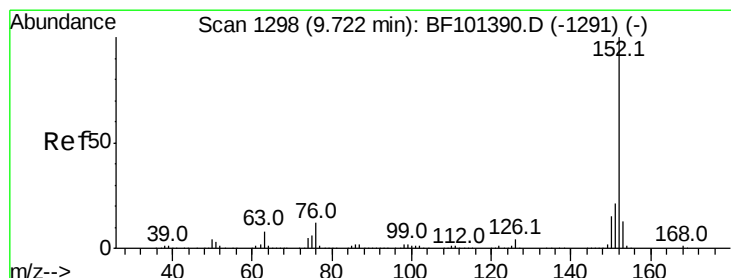
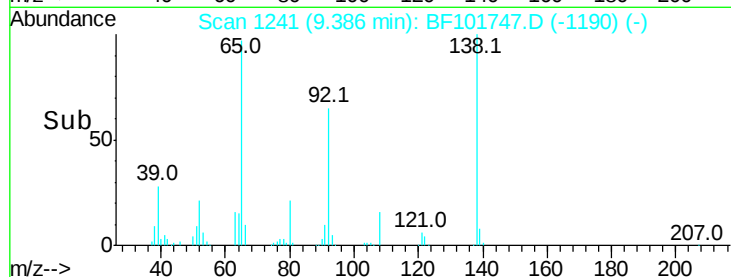
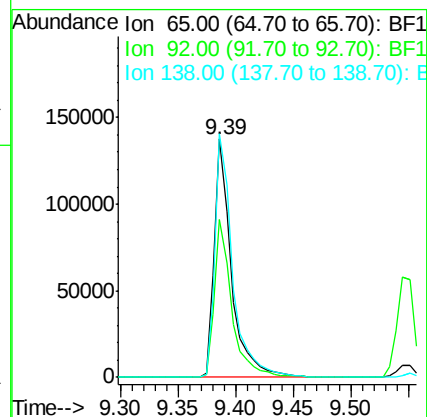
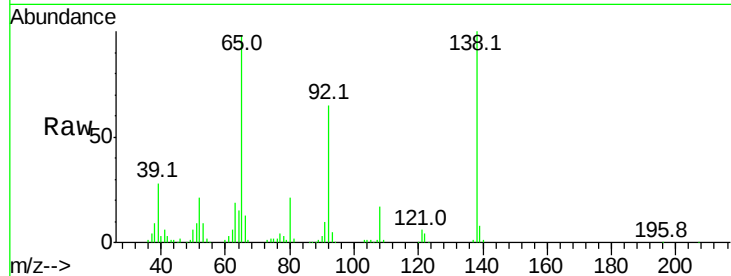
Tot Ion: 65 Resp: 142943

Ion Ratio Lower Upper

65 100

92 66.3 55.8 83.6

138 102.3 91.2 136.8



#48

Acenaphthylene

Concen: 39.674 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

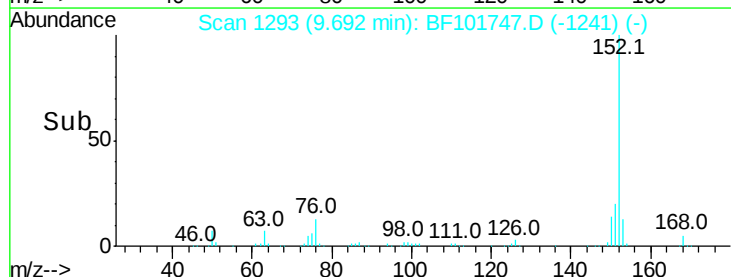
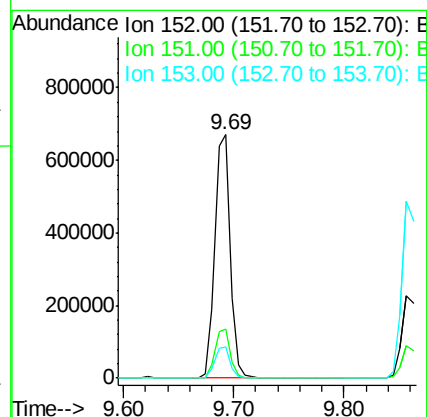
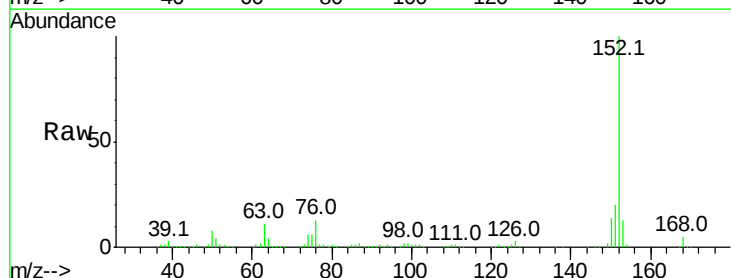
Tgt Ion: 152 Resp: 633095

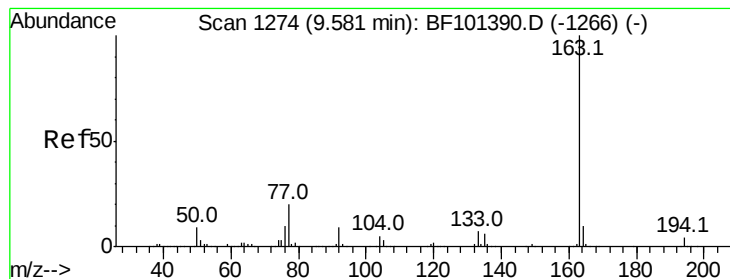
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 12.7 10.7 16.1





#49

Dimethylphthalate

Concen: 41.402 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

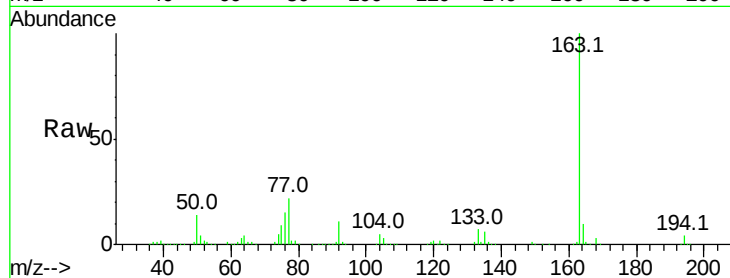
Tot Ion:163 Resp: 495822

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

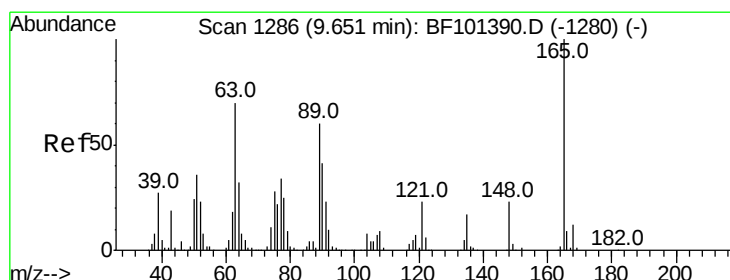
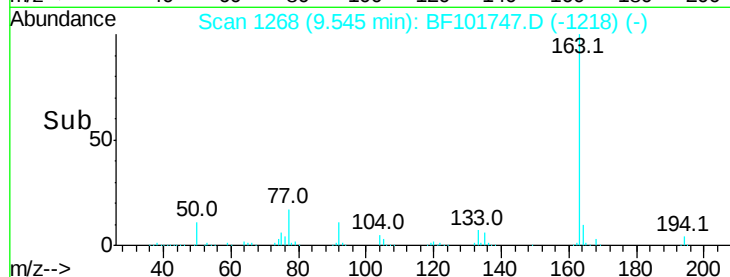
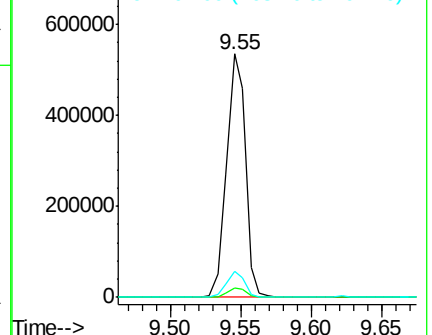
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.141 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

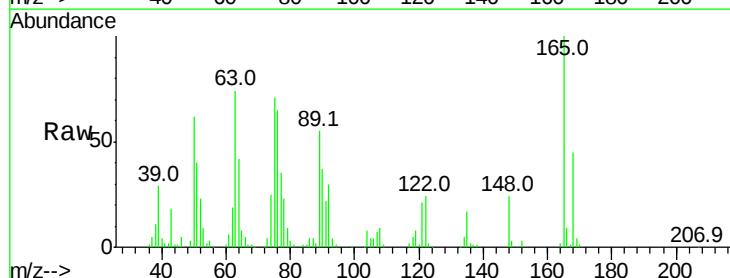
Tgt Ion:165 Resp: 90400

Ion Ratio Lower Upper

165 100

63 74.4 44.7 67.1#

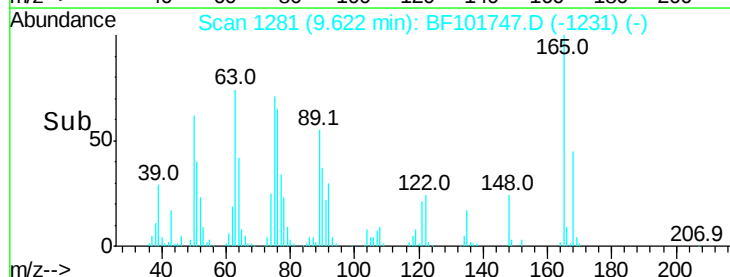
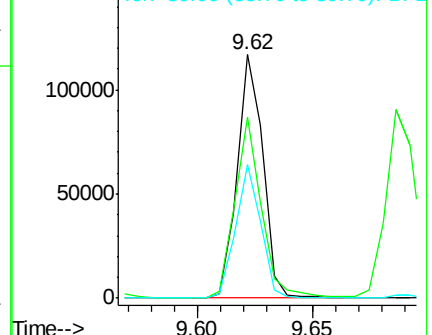
89 54.8 44.0 66.0

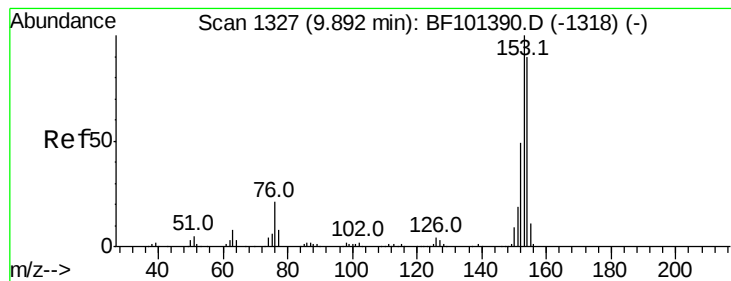


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.704 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

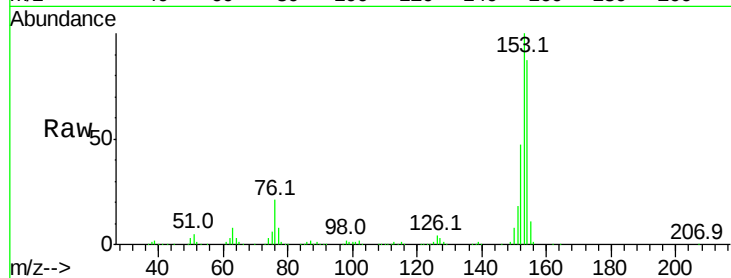
Tot Ion:154 Resp: 380652

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

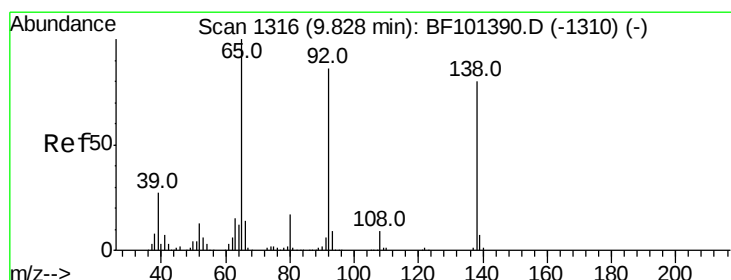
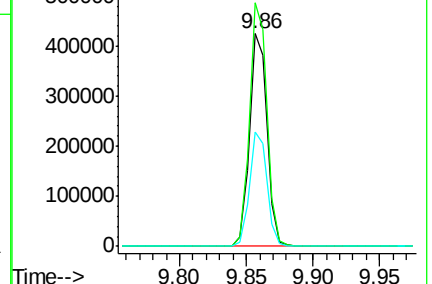
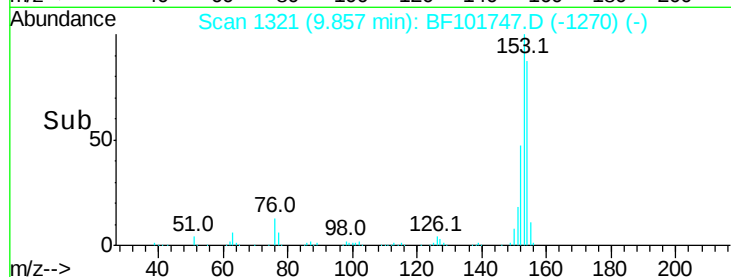
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.402 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

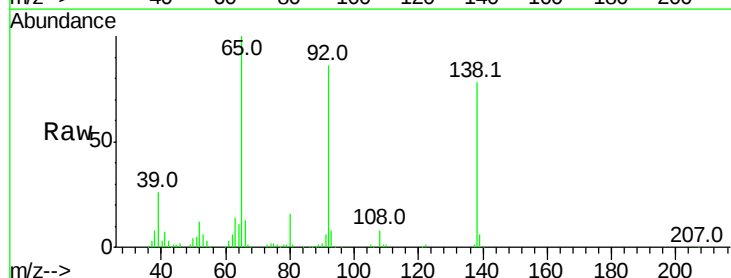
Tgt Ion:138 Resp: 122603

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

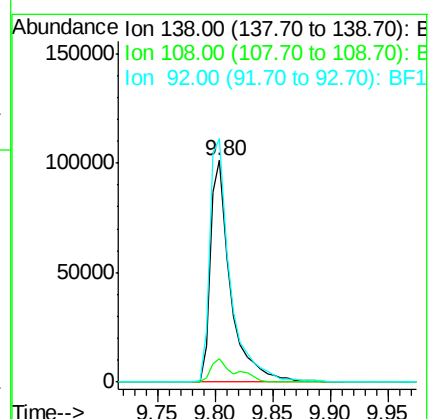
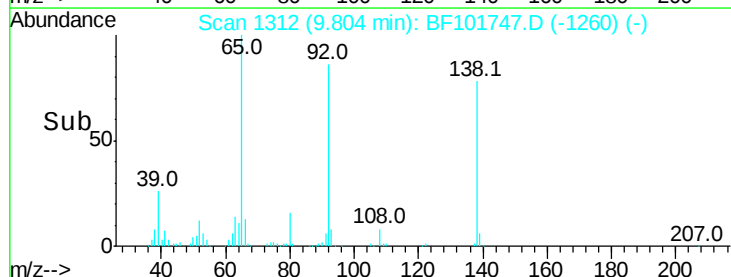
92 109.9 89.4 134.2

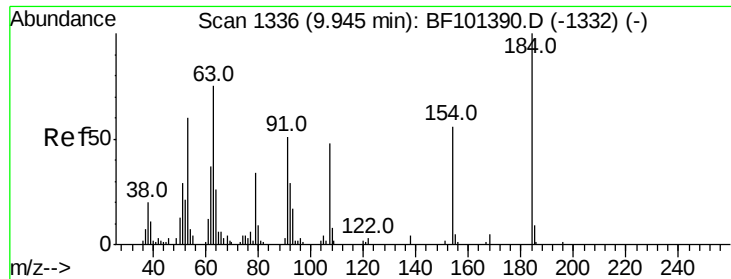


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

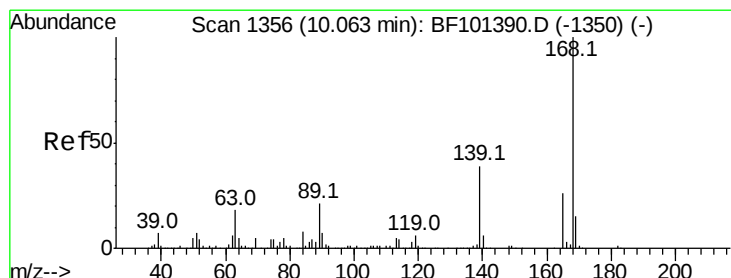
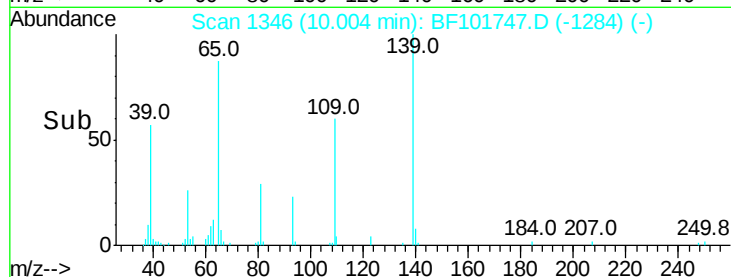
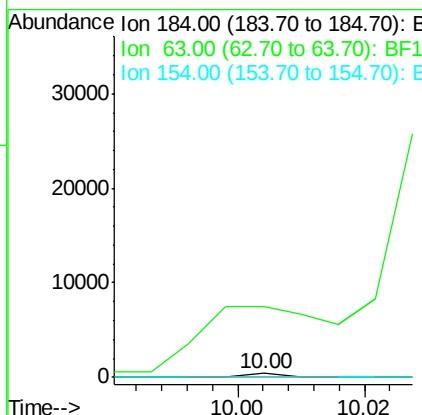
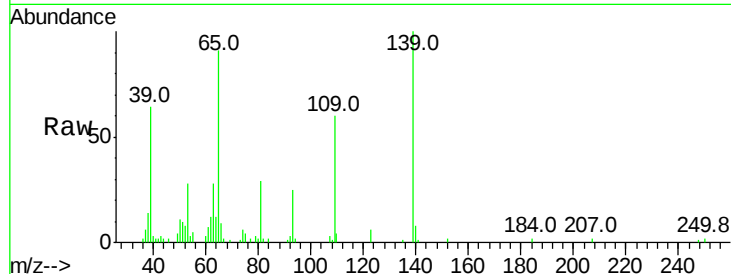




#53
2,4-Dinitrophenol
Concen: 10.467 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.06 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

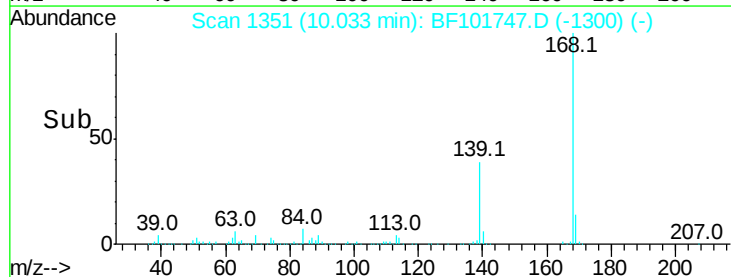
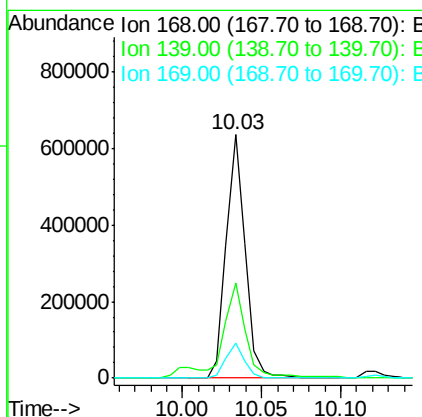
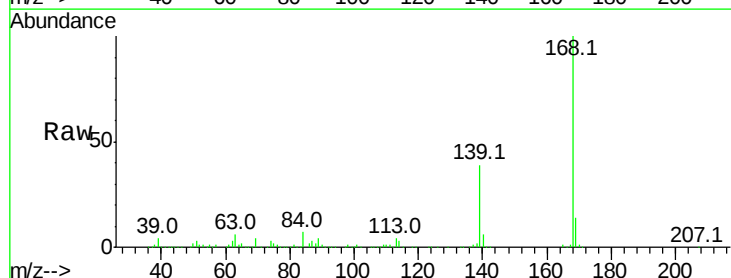
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

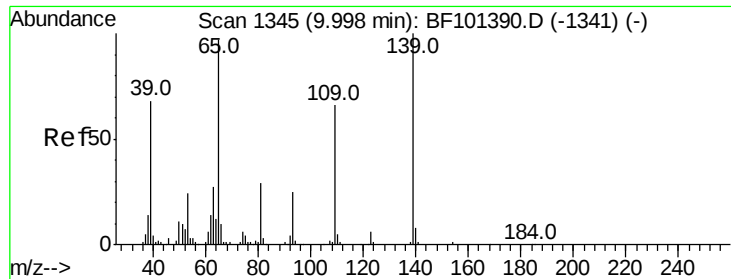
Tot Ion:184 Resp: 143
Ion Ratio Lower Upper
184 100
63 1838.4 54.2 81.2#
154 0.0 184.0 276.0#



#54
Dibenzofuran
Concen: 43.324 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:168 Resp: 527844
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.4 10.9 16.3

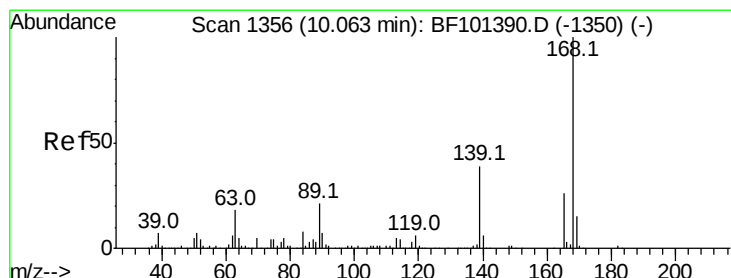
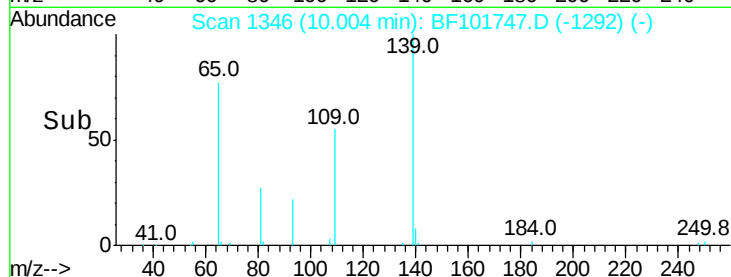
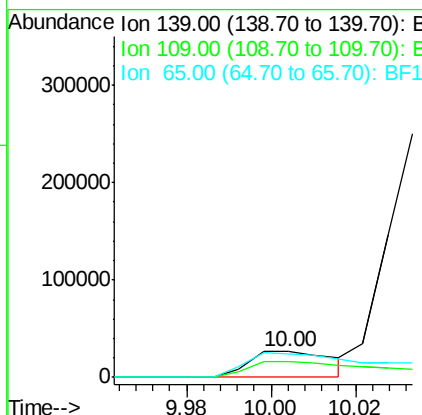
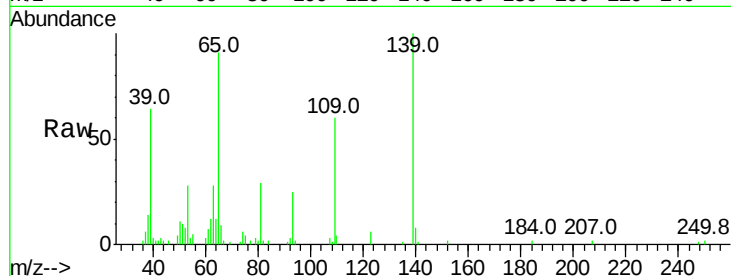




#55
4-Nitrophenol
Concen: 27.852 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

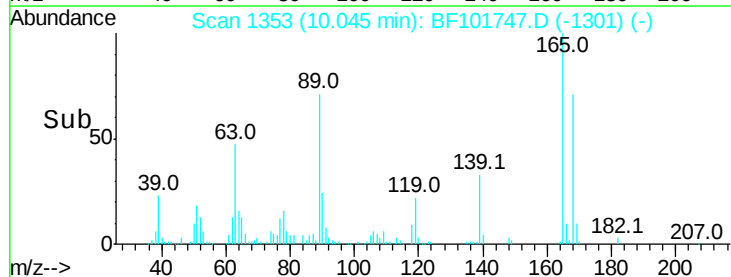
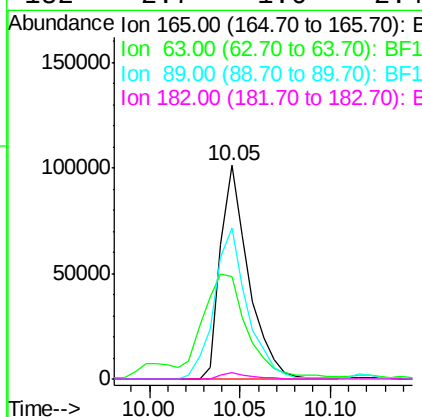
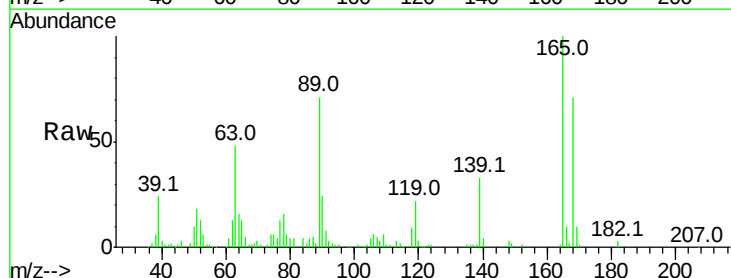
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

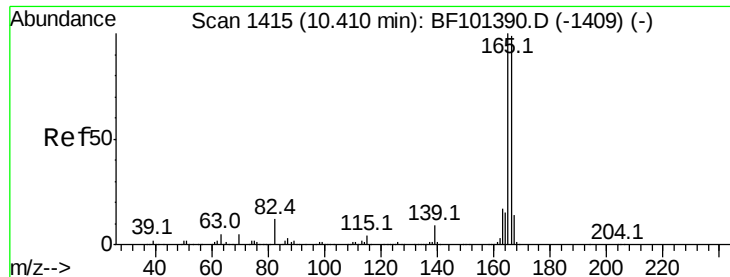
Tot Ion:139 Resp: 36854
Ion Ratio Lower Upper
139 100
109 59.9 48.4 88.4
65 90.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.958 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:165 Resp: 109578
Ion Ratio Lower Upper
165 100
63 47.8 36.4 54.6
89 70.7 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 39.848 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

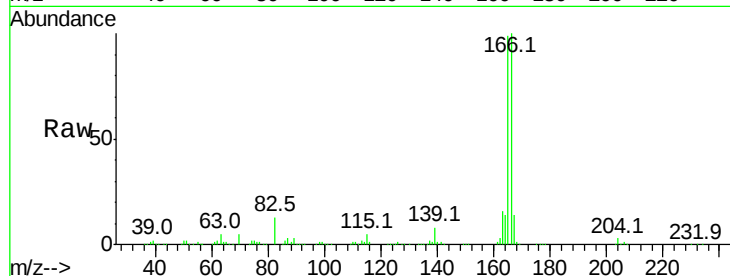
Tot Ion:166 Resp: 410709

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

167 13.6 10.6 16.0

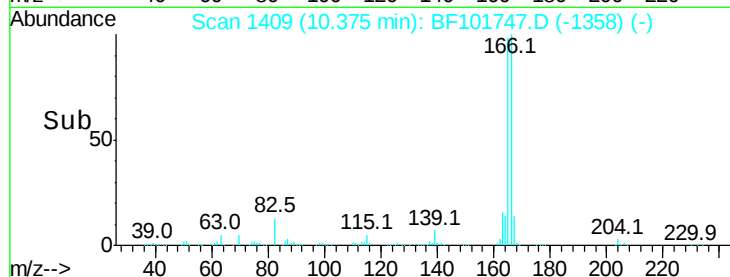


Abundance Ion 166.00 (165.70 to 166.70): E

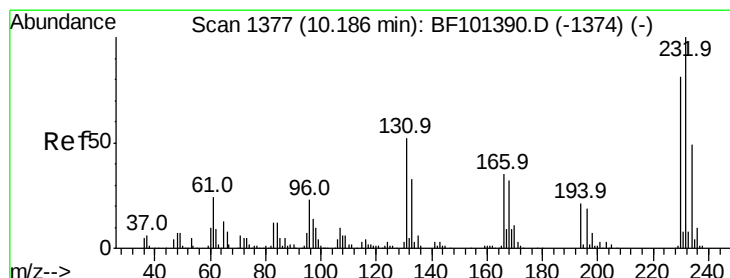
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.37



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.947 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Tgt Ion:232 Resp: 90337

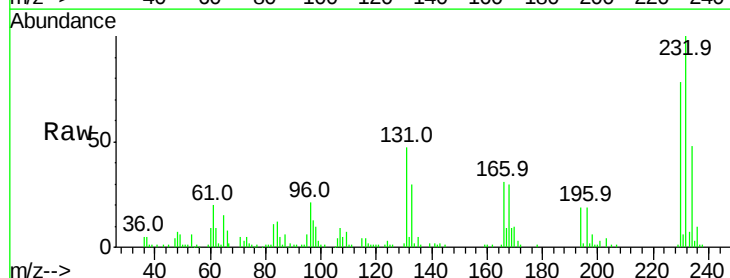
Ion Ratio Lower Upper

232 100

131 43.2 43.8 65.8#

130 2.0 2.1 3.1#

166 27.8 27.8 41.6



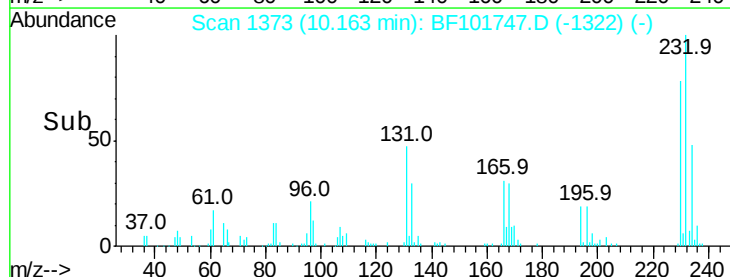
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

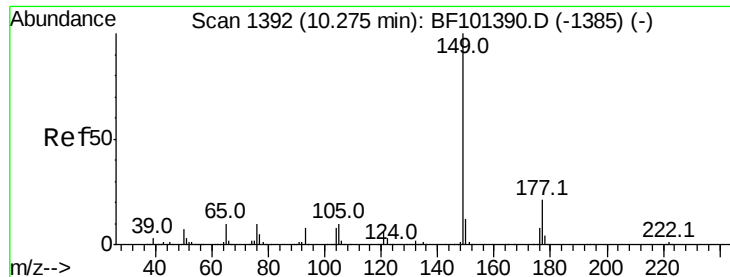
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.16



Time-->



#59

Diethylphthalate

Concen: 39.724 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

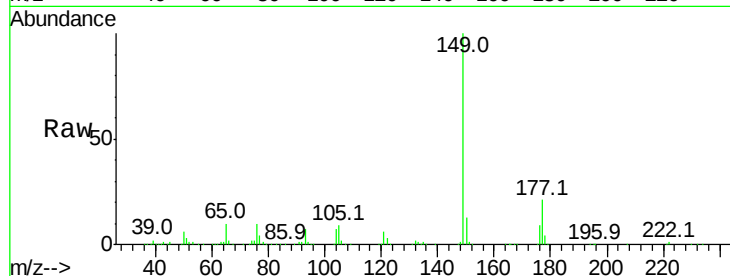
Tot Ion:149 Resp: 471103

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

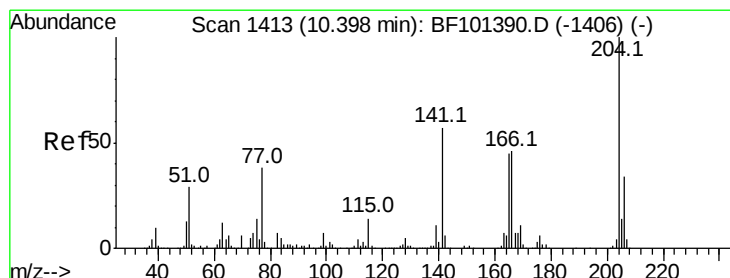
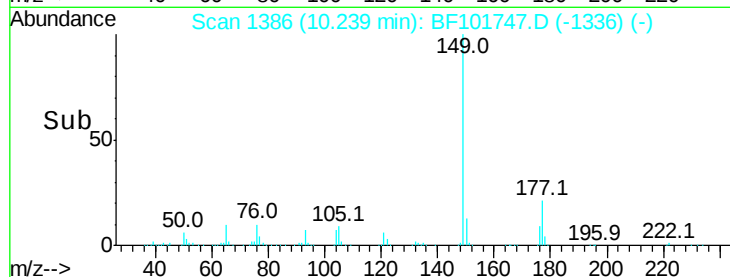
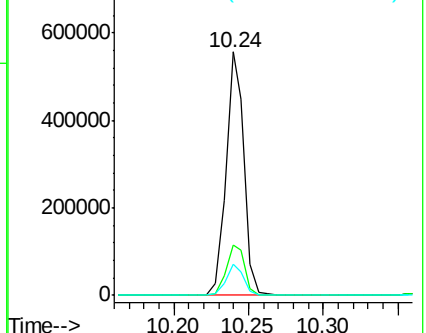
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.352 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

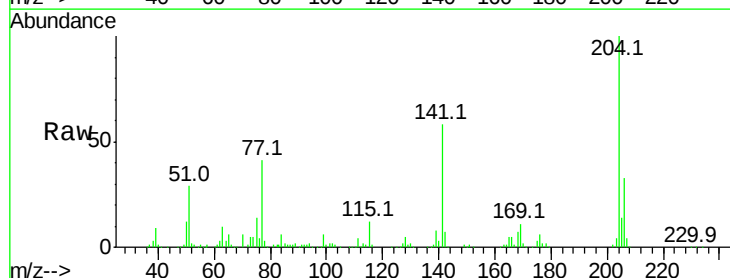
Tgt Ion:204 Resp: 209206

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

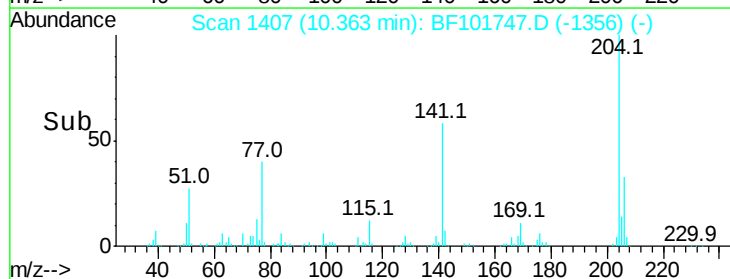
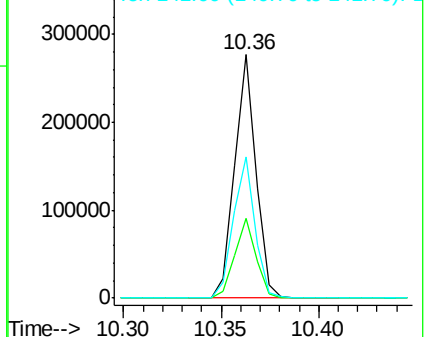
141 57.9 54.6 81.8

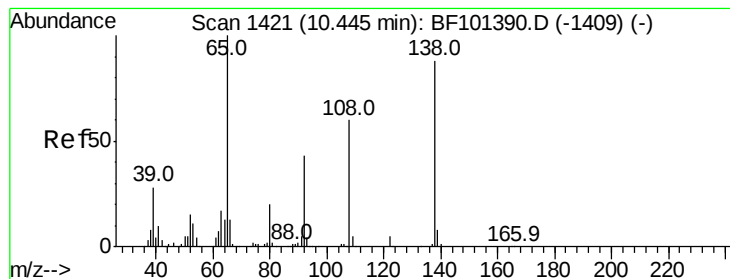


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.243 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

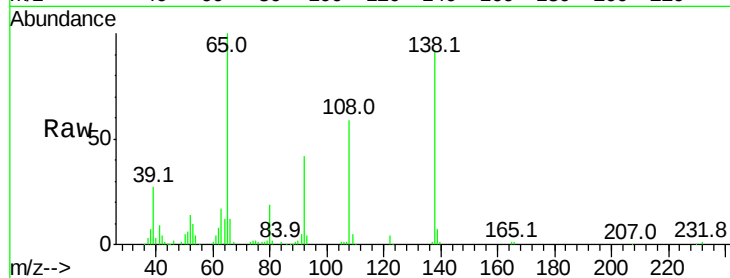
Tot Ion:138 Resp: 119699

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

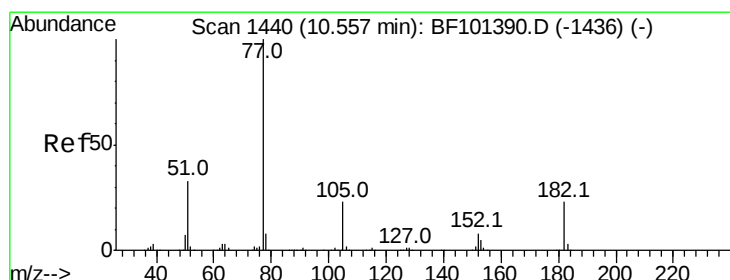
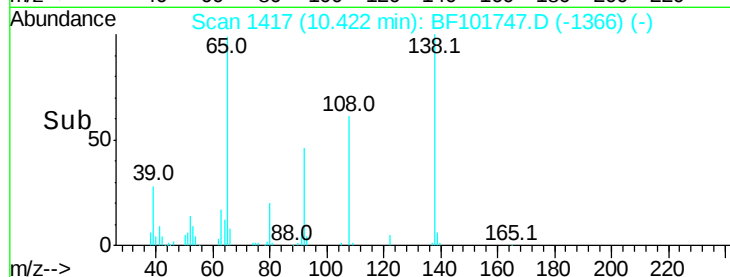
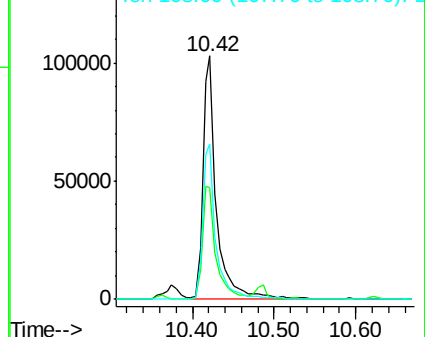
108 63.9 52.5 92.5



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: 34.674 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Tgt Ion: 77 Resp: 425986

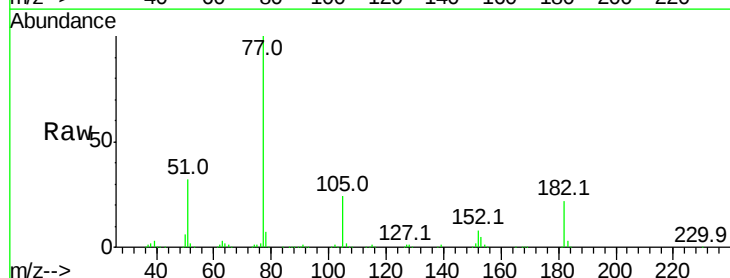
Ion Ratio Lower Upper

77 100

182 22.0 1.7 41.7

105 23.5 3.0 43.0

51 31.7 9.9 49.9

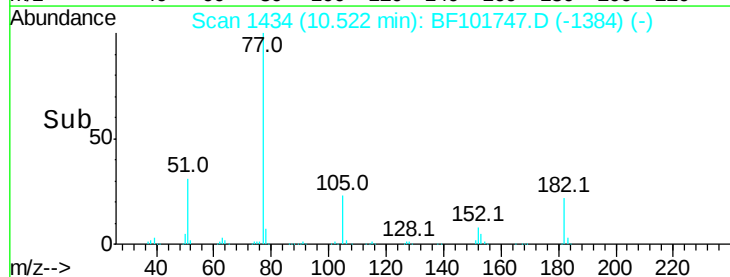
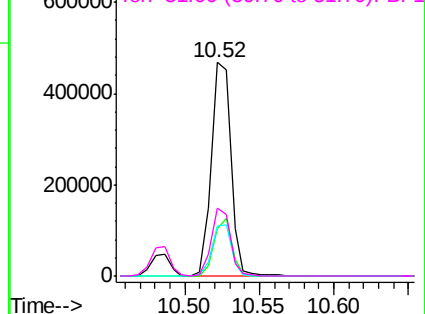


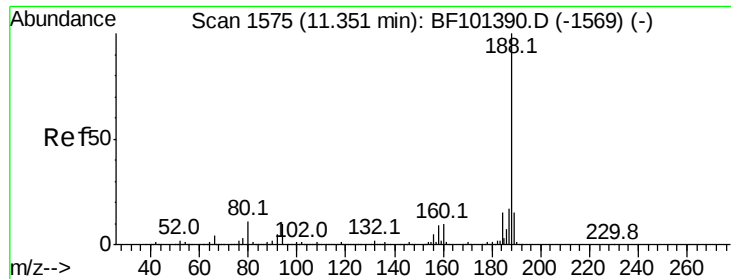
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

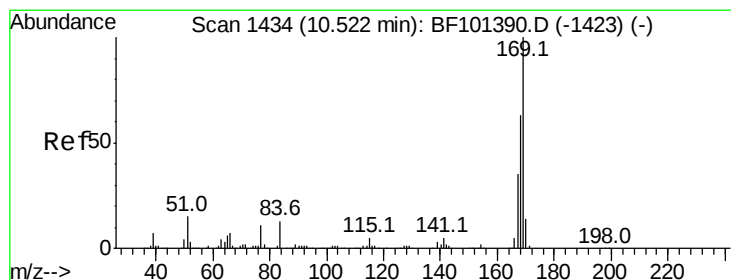
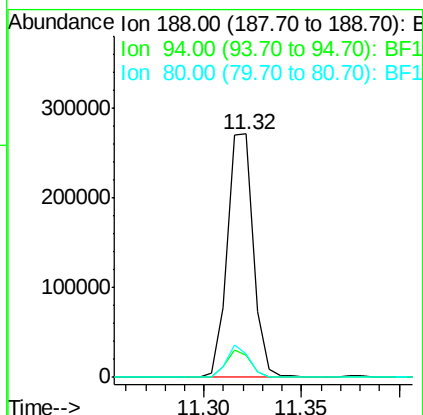
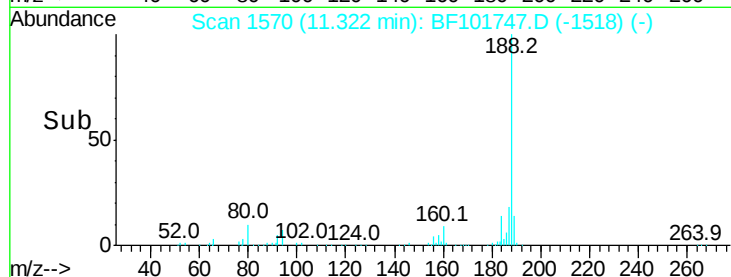
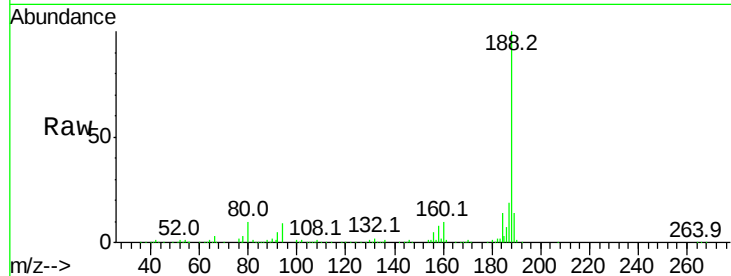




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

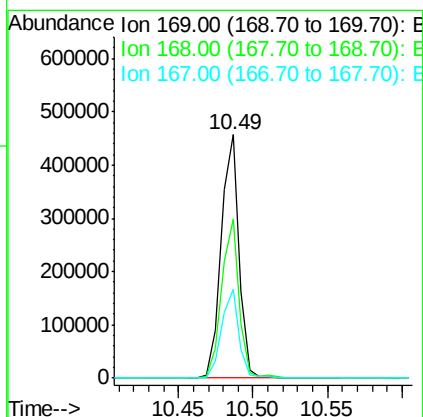
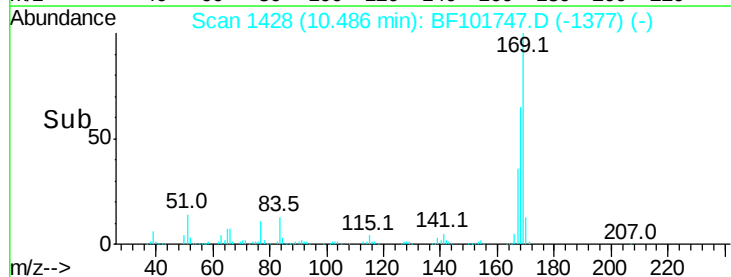
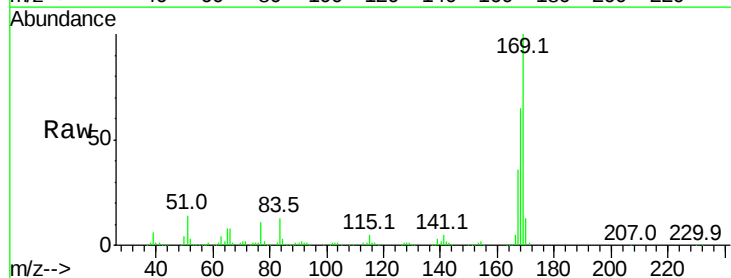
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

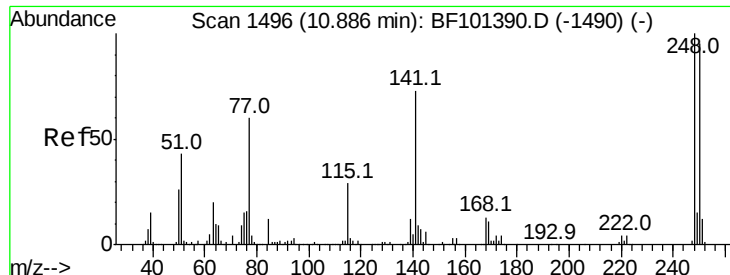
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8



#65
n-Nitrosodiphenylamine
Concen: 41.323 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	54.4	81.6
167	36.2	29.8	44.6

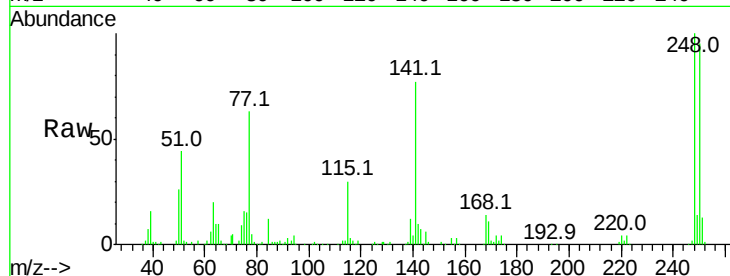




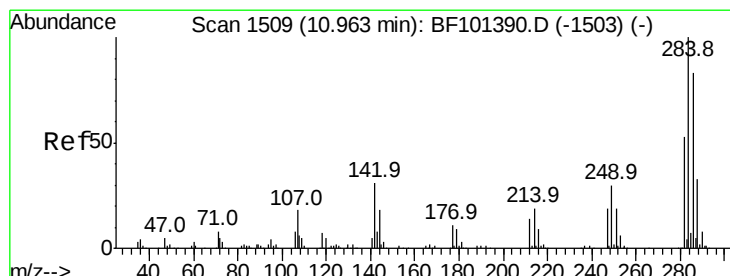
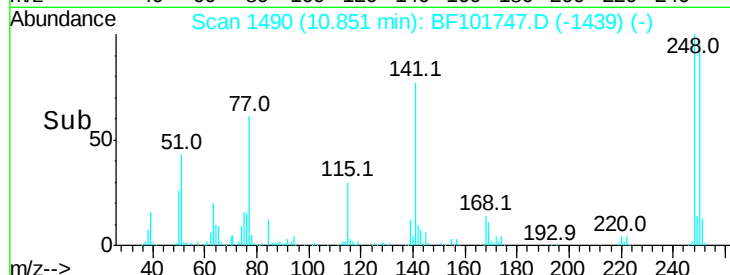
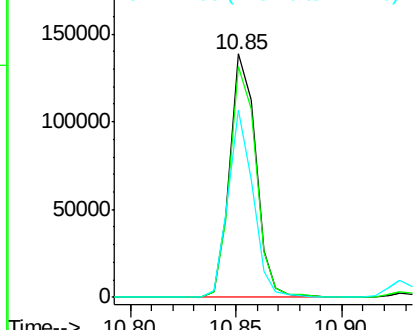
#66
4-Bromophenyl-phenylether
Concen: 41.747 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 118253
Ion Ratio Lower Upper
248 100
250 94.6 76.9 115.3
141 76.9 74.4 111.6

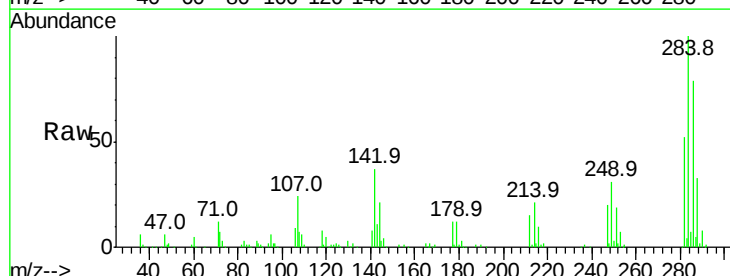


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

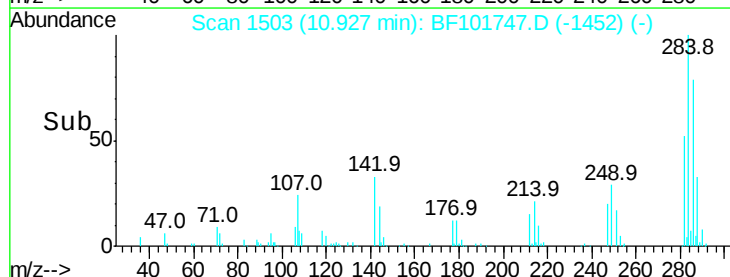
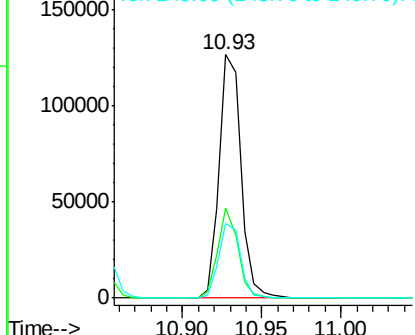


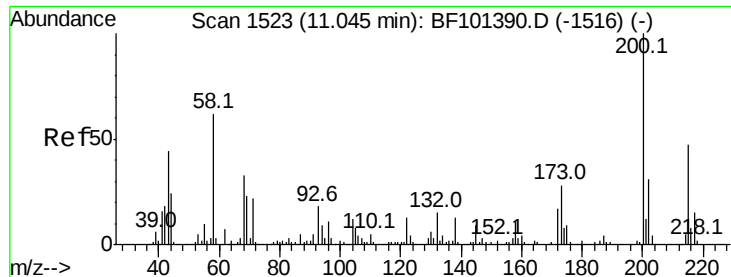
#67
Hexachlorobenzene
Concen: 40.349 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:284 Resp: 120963
Ion Ratio Lower Upper
284 100
142 37.1 34.6 52.0
249 30.6 24.8 37.2



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

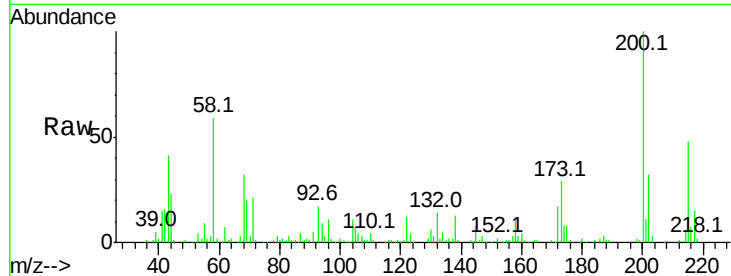




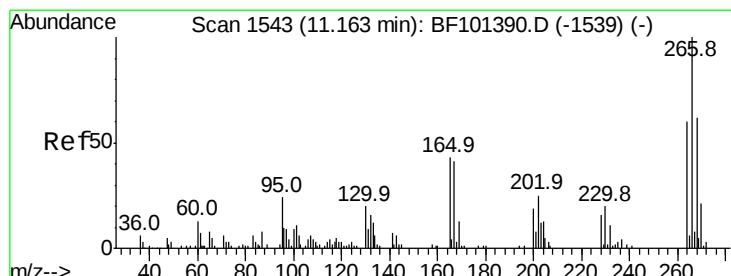
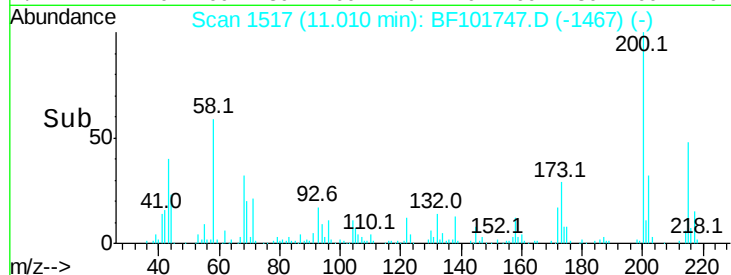
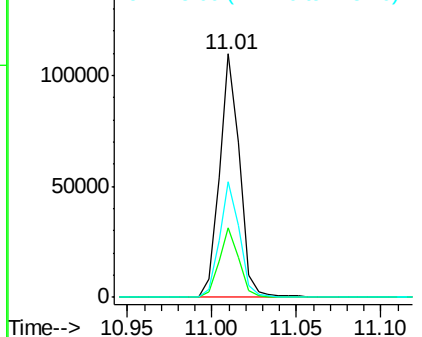
#68
Atrazine
Concen: 32.816 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	47.6	25.1	65.1

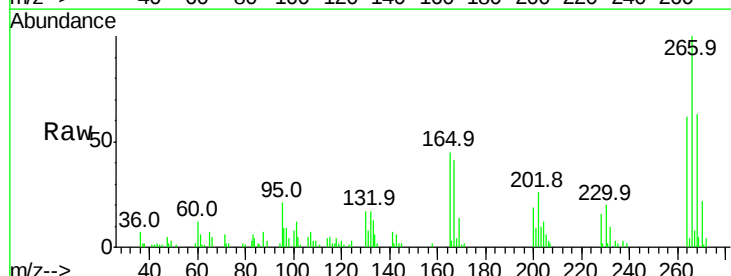


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

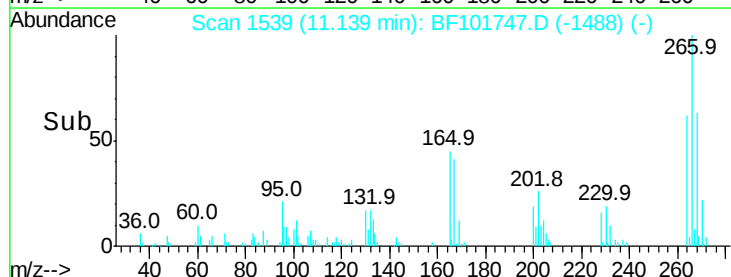
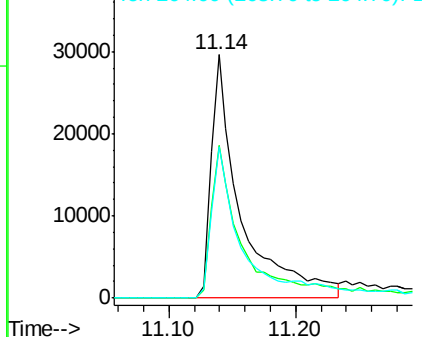


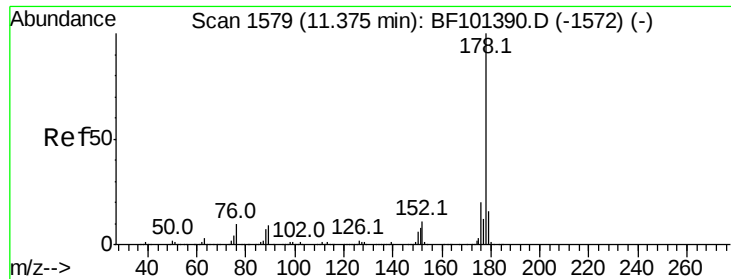
#69
Pentachlorophenol
Concen: 45.126 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	62.0	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

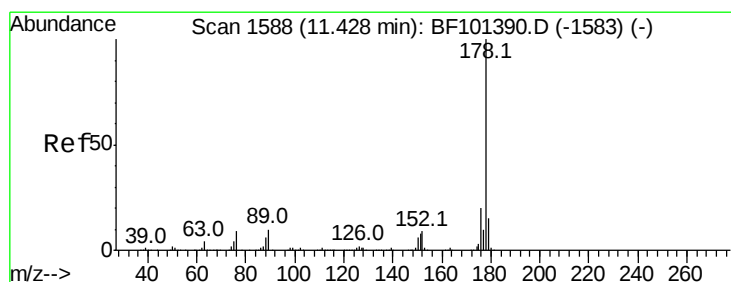
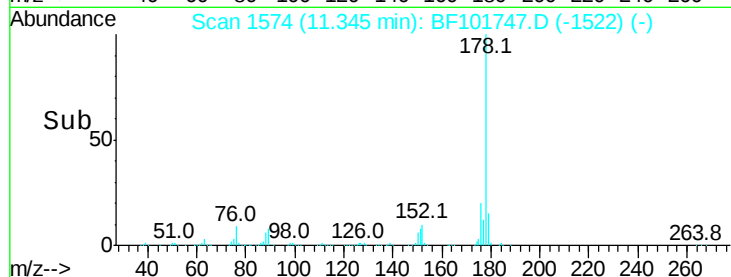
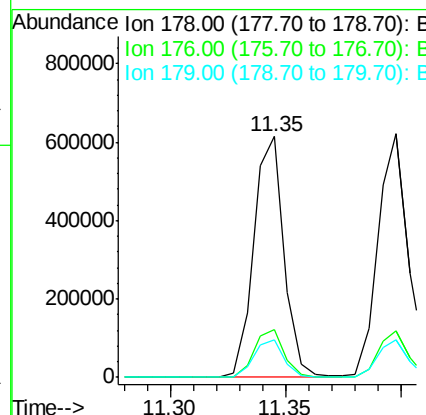
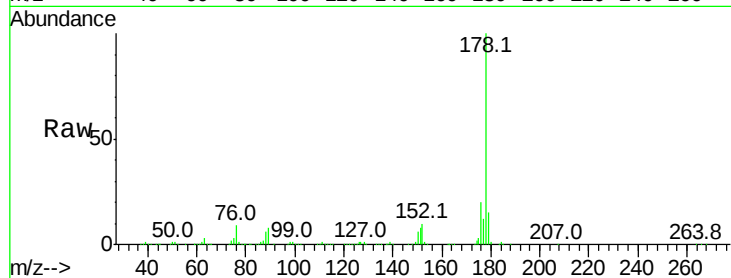




#70
Phenanthrene
Concen: 40.273 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

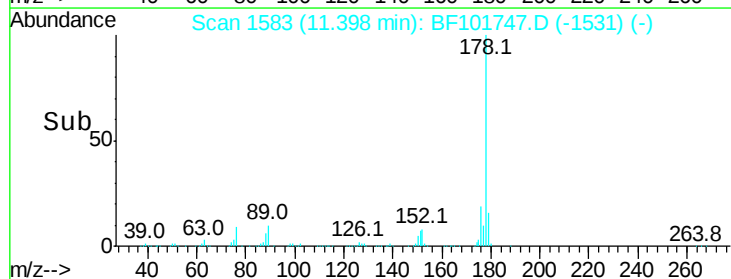
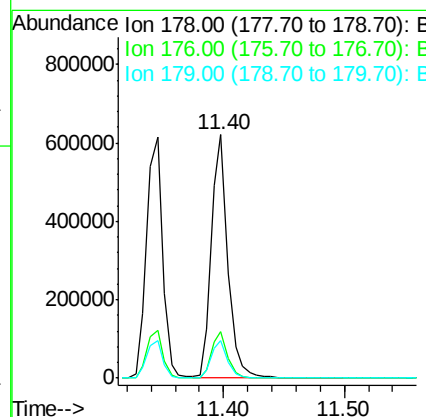
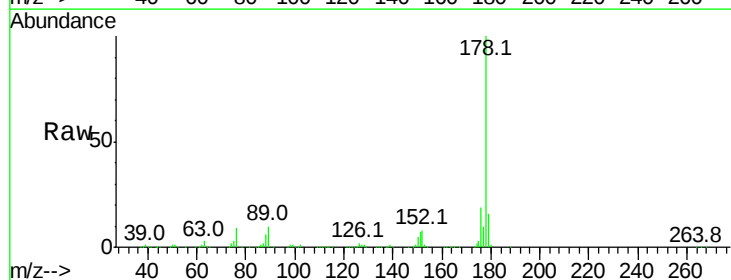
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

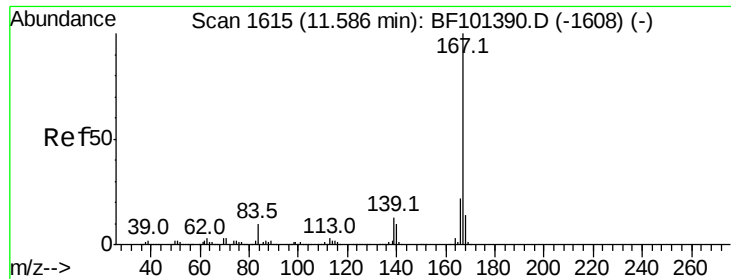
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



#71
Anthracene
Concen: 40.794 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0

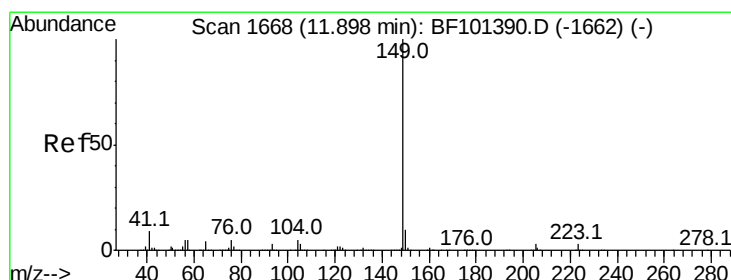
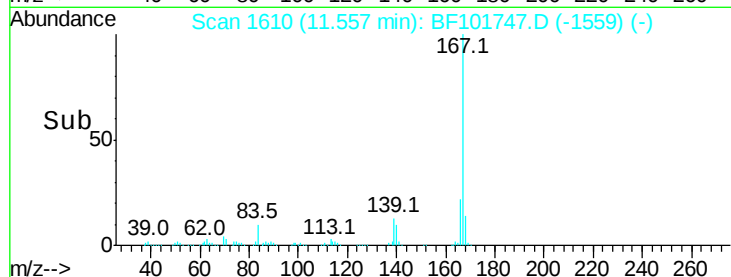
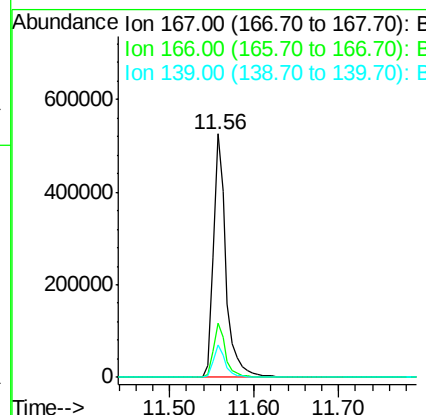
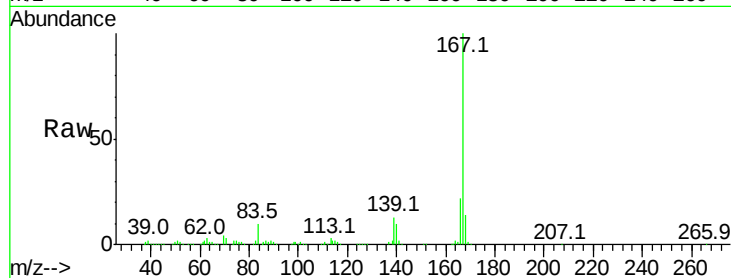




#72
 Carbazole
 Concen: 41.026 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

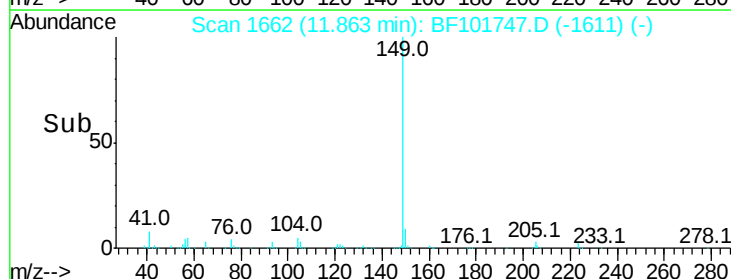
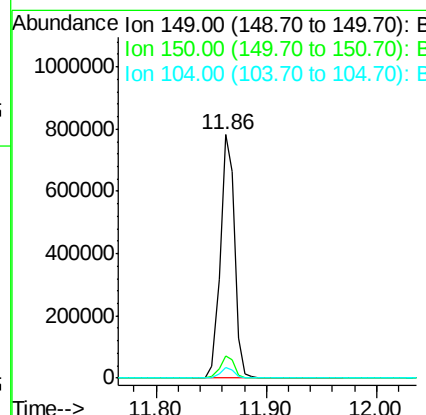
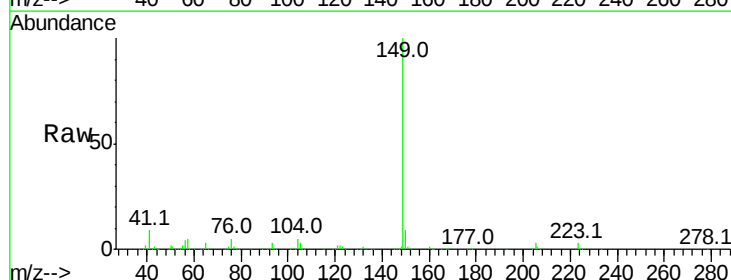
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

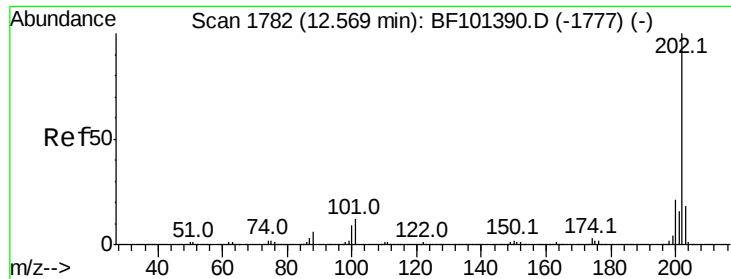
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.4	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 42.476 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

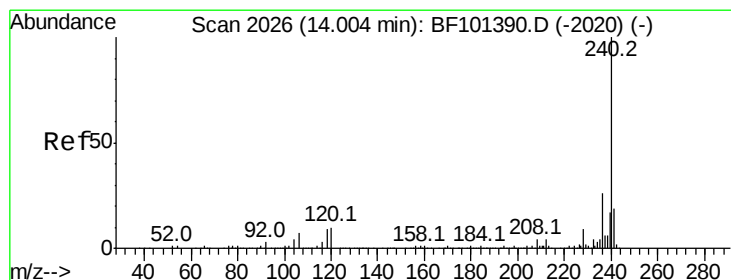
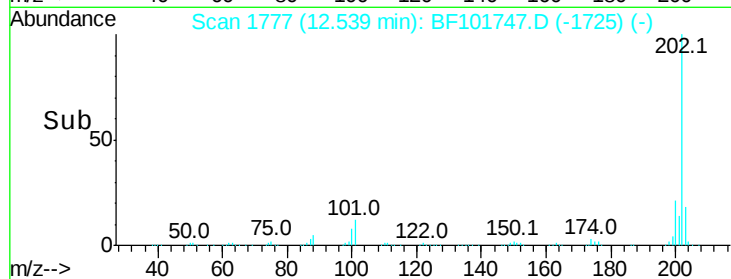
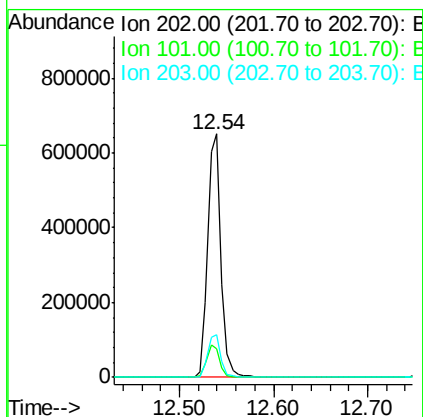
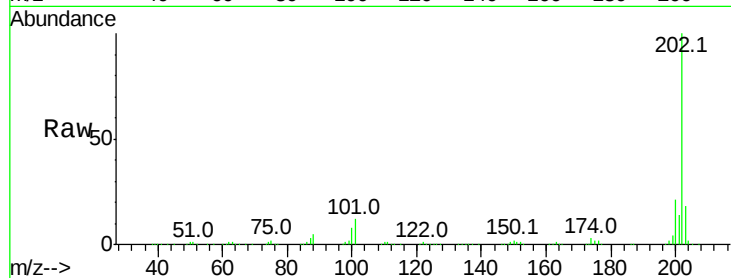




#74
 Fluoranthene
 Concen: 43.865 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

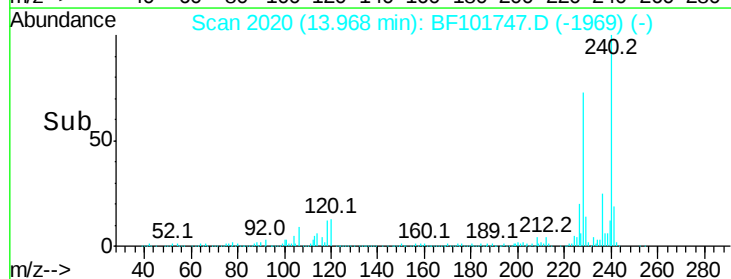
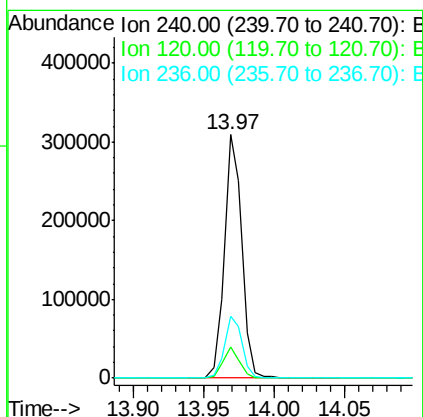
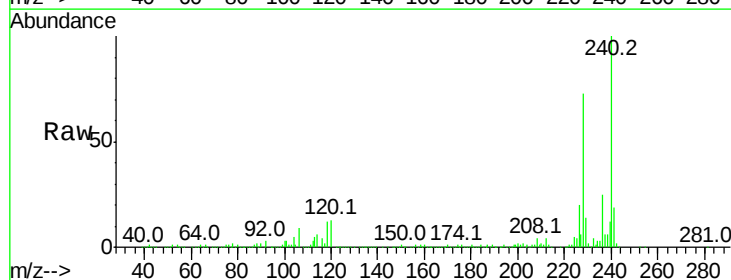
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

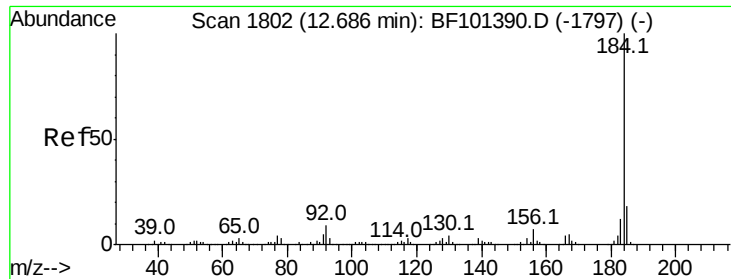
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.4	20.7	31.1

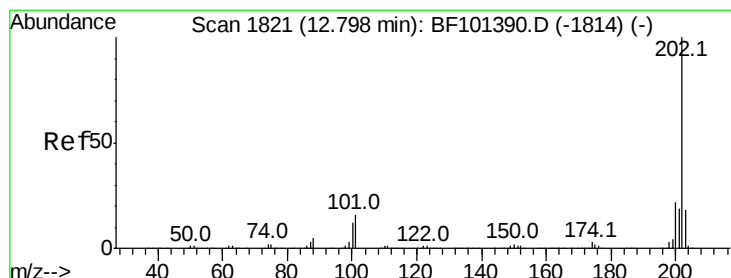
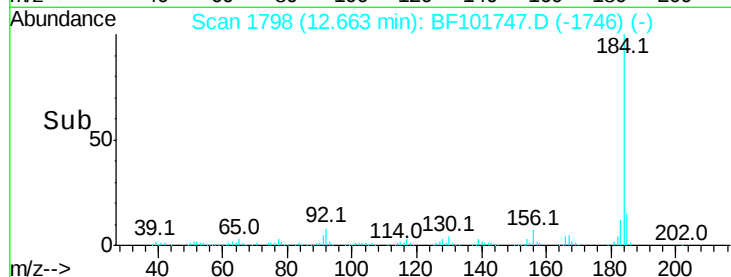
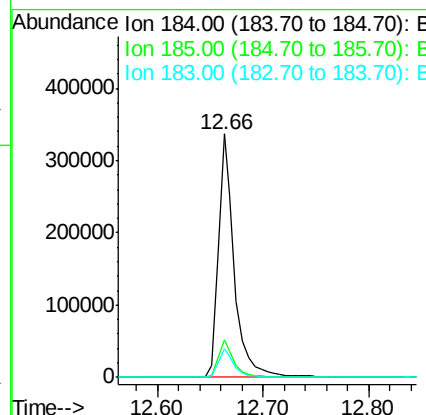
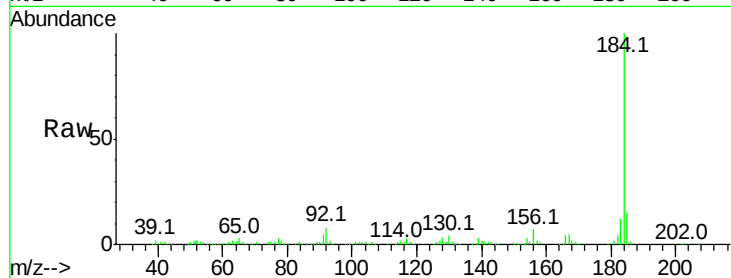




#76
Benzidine
Concen: 32.304 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

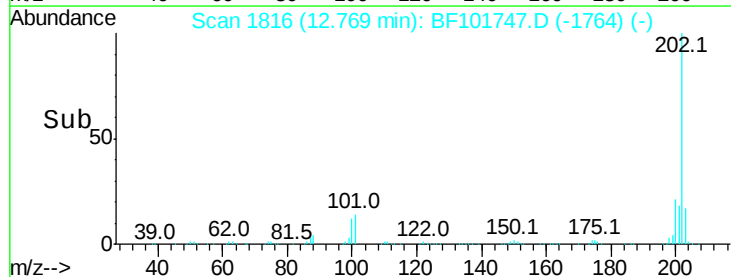
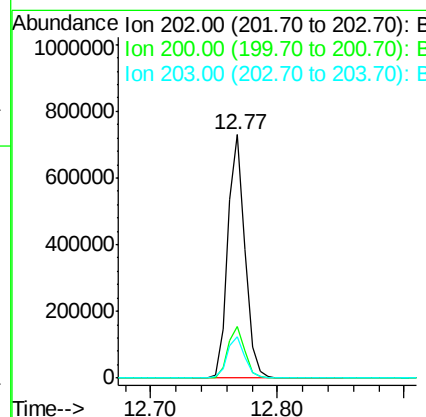
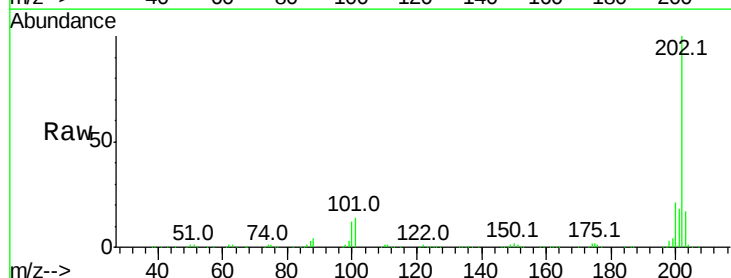
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

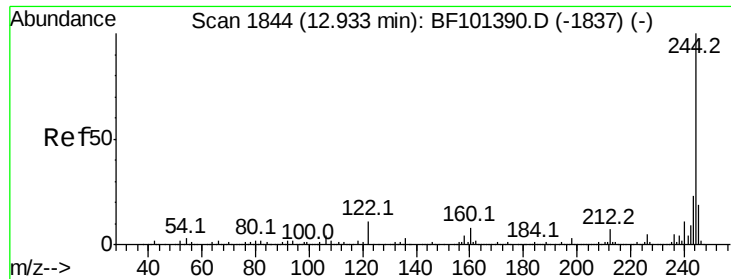
Tot Ion:184 Resp: 359541
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 34.661 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:202 Resp: 685516
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.1 14.3 21.5

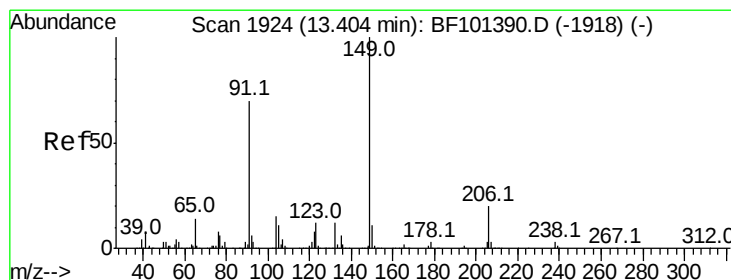
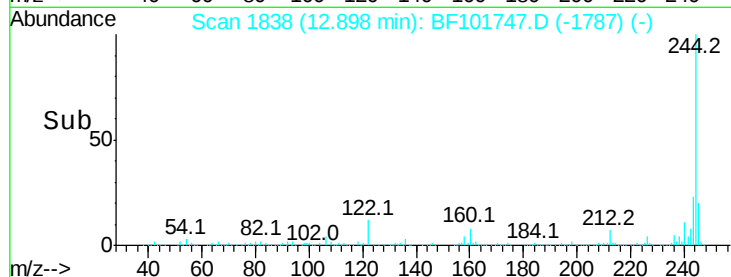
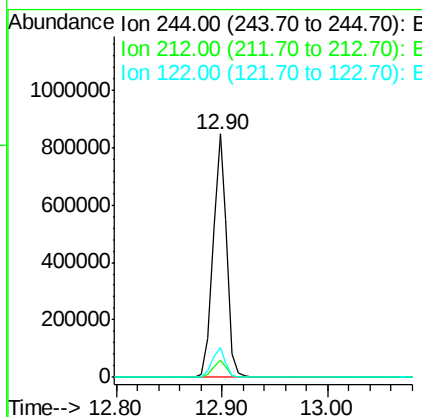
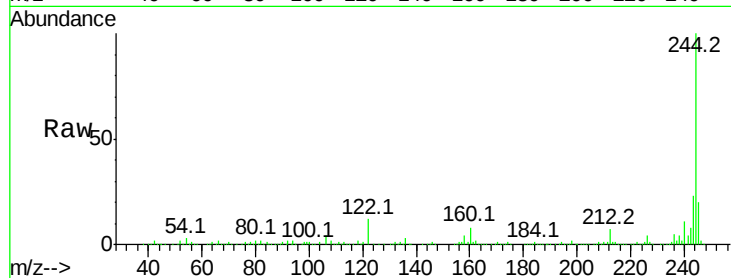




#78
 Terphenyl-d14
 Concen: 70.292 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

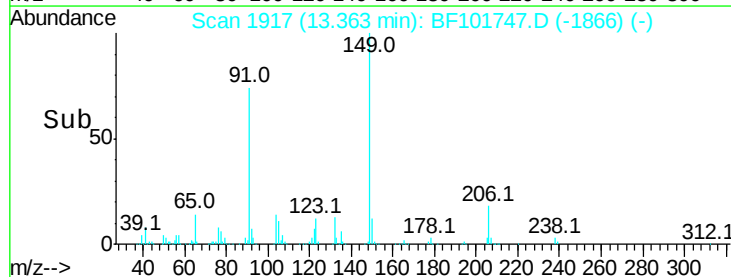
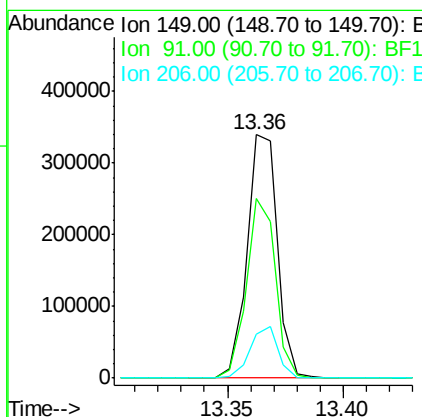
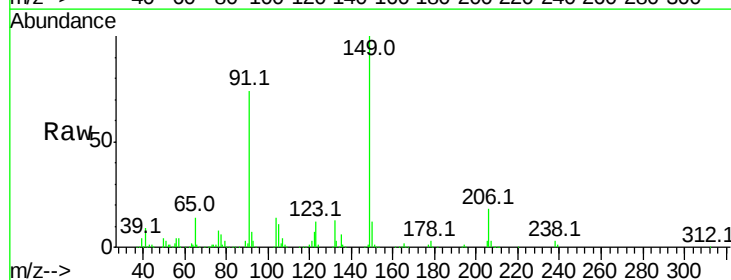
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

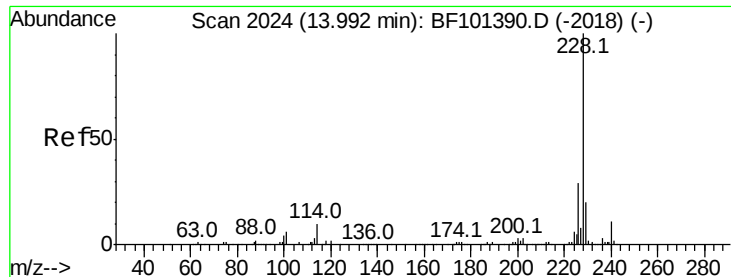
Tot Ion:244 Resp: 768372
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 34.857 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BF101747.D
 Acq: 27 Dec 2017 7:20

Tgt Ion:149 Resp: 311928
 Ion Ratio Lower Upper
 149 100
 91 74.0 56.8 85.2
 206 17.9 14.1 21.1





#80

Benzo(a)anthracene

Concen: 37.933 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

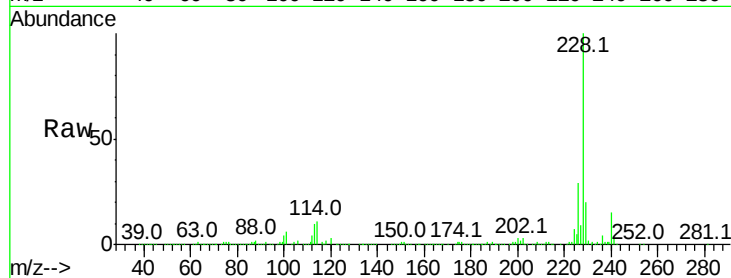
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 660066

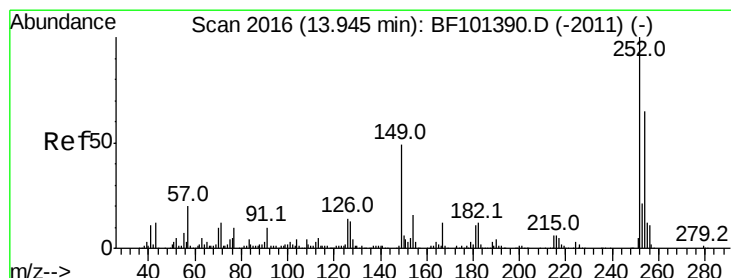
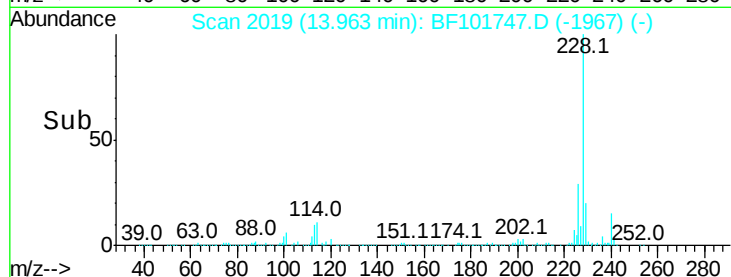
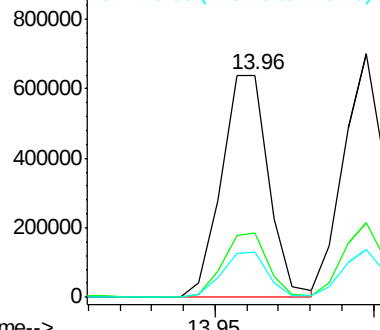
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 40.796 ng

RT: 13.92 min Scan# 2011

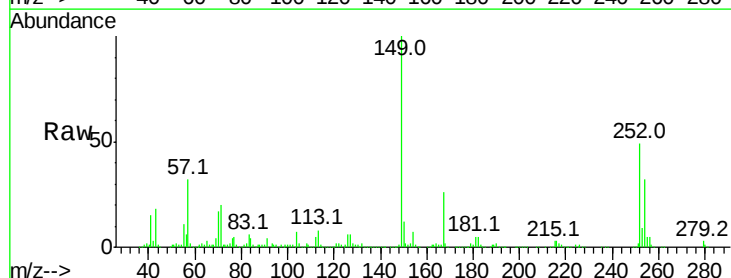
Delta R.T. 0.01 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Tgt Ion:252 Resp: 231471

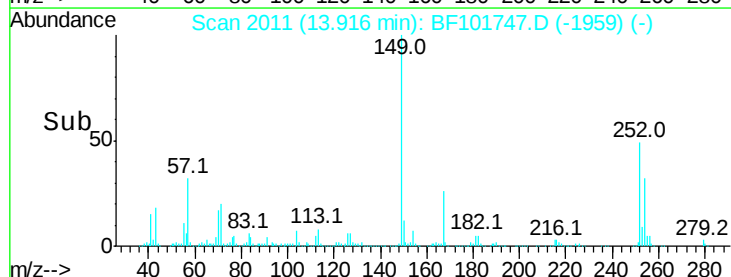
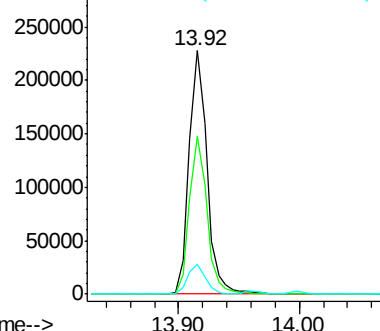
Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.3	11.3	16.9

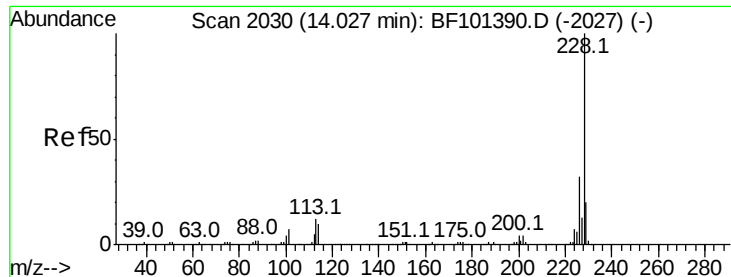


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.799 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

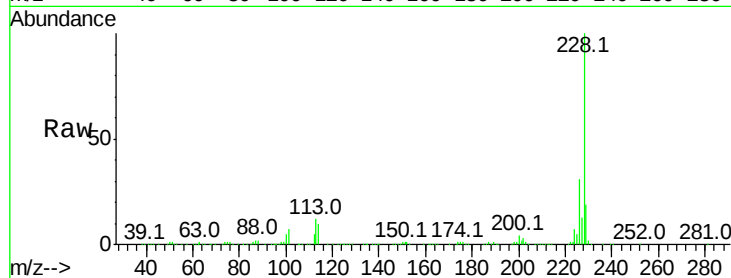
Tot Ion:228 Resp: 637449

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

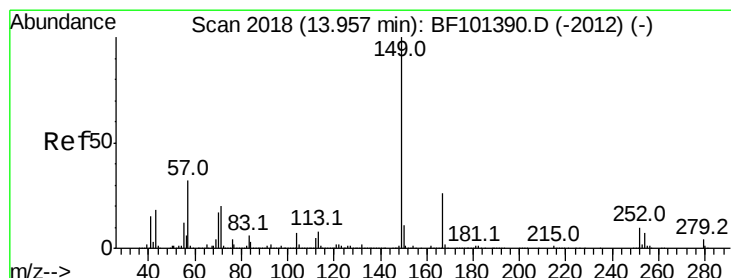
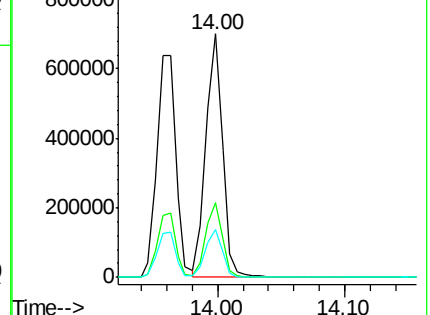
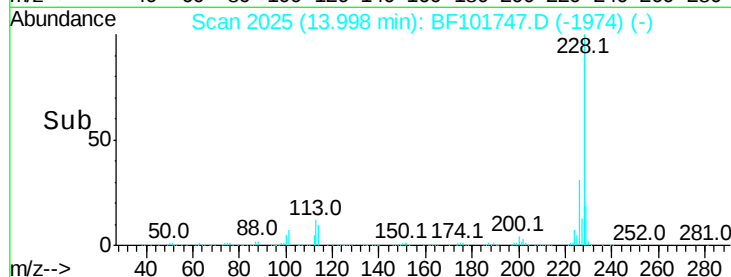
229 19.4 16.2 24.4



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: 36.400 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101747.D

Acq: 27 Dec 2017 7:20

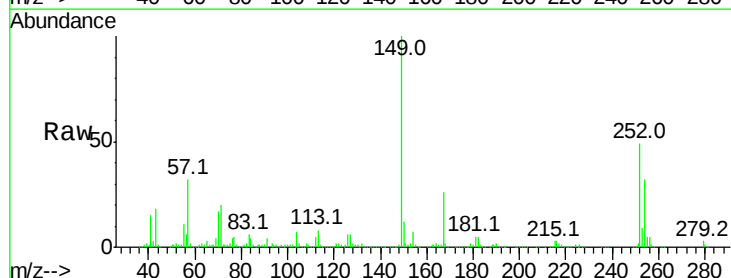
Tgt Ion:149 Resp: 412586

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

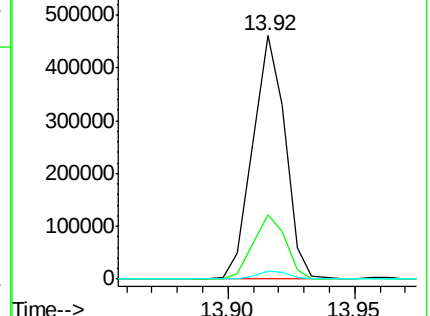
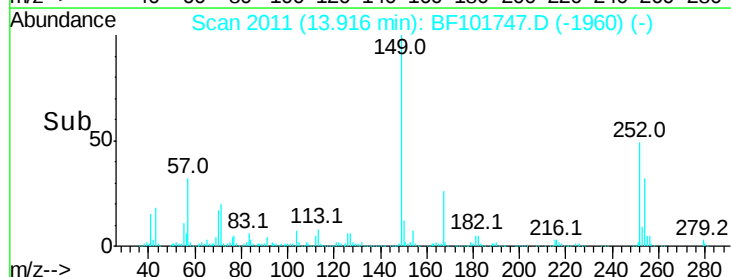
279 3.5 3.0 4.4

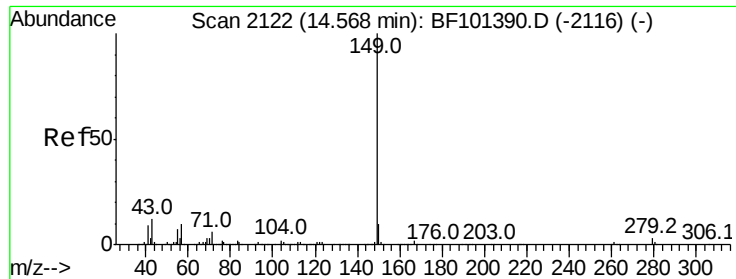


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

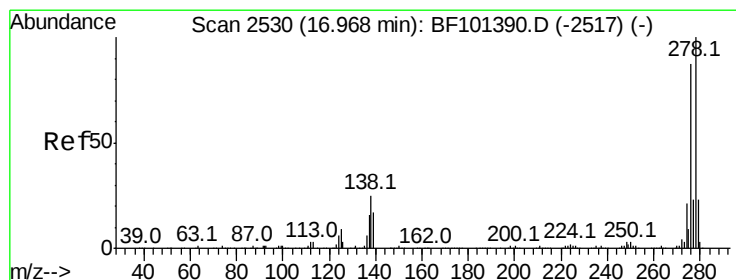
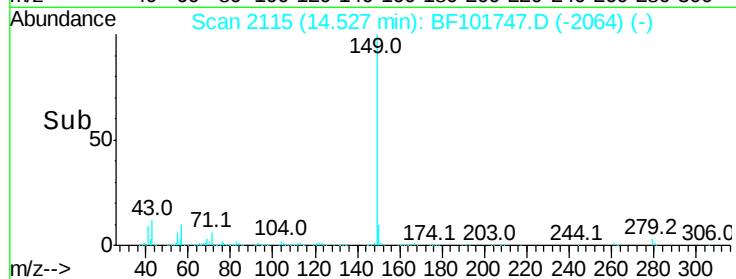
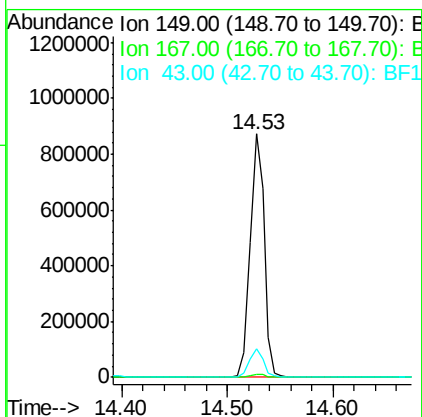
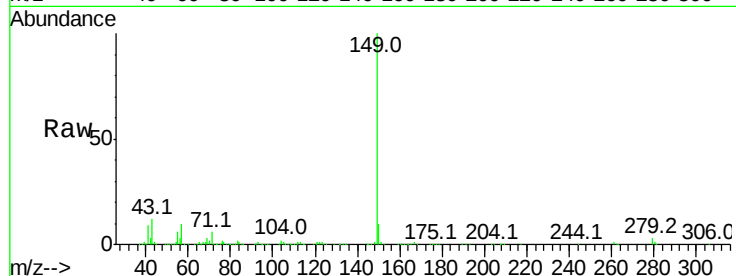




#84
Di-n-octyl phthalate
Concen: 40.187 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

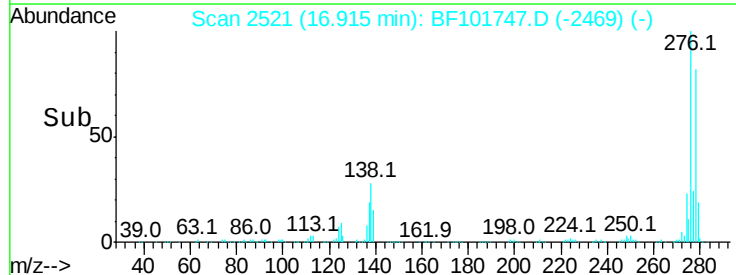
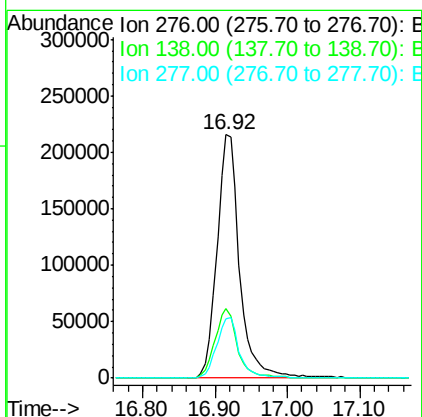
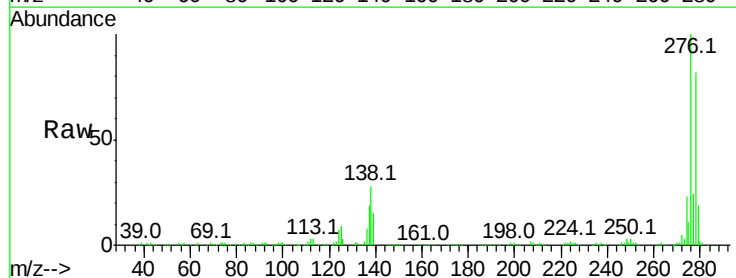
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

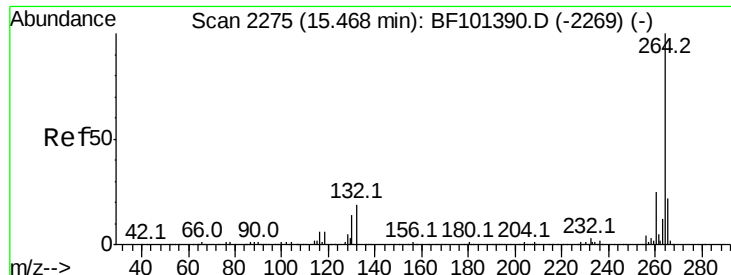
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.892 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	24.9	20.1	30.1

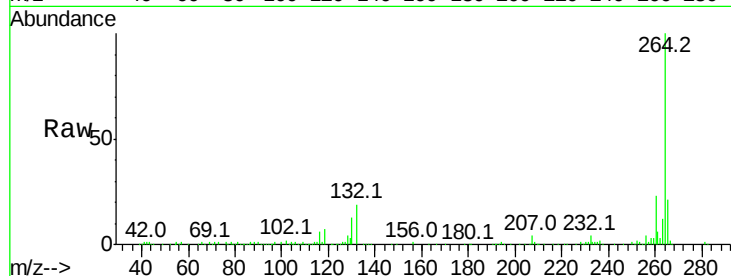




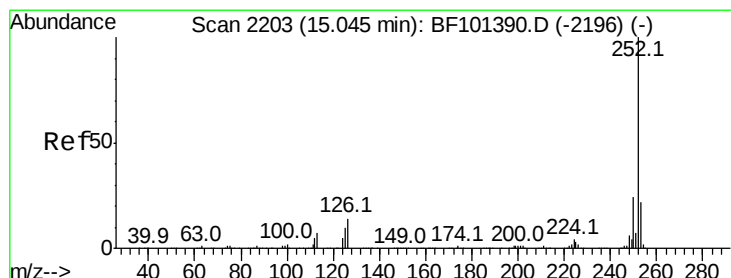
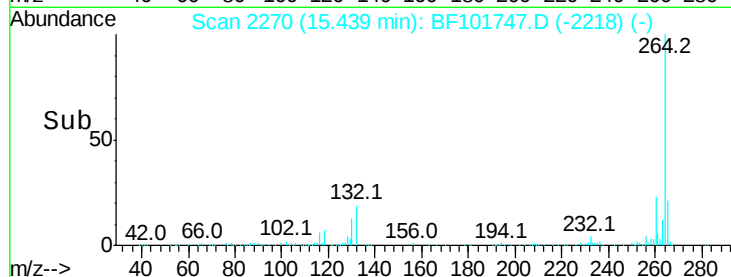
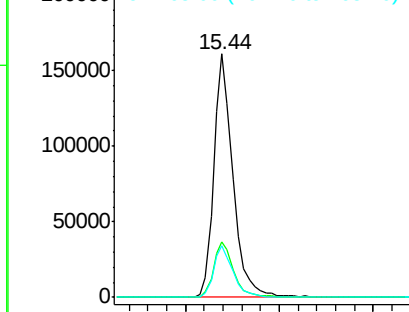
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 231081
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.2 17.5 26.3

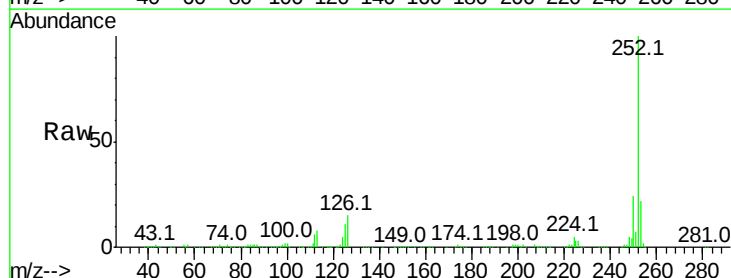


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

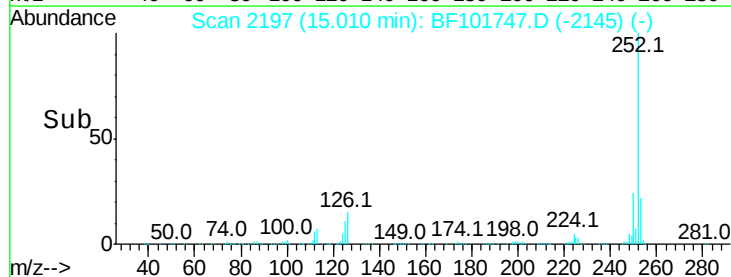
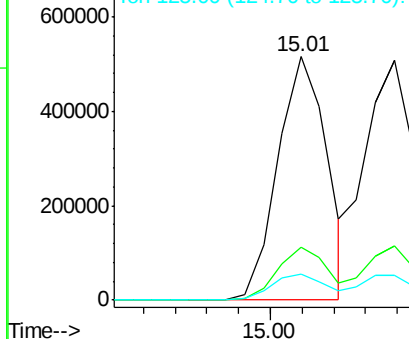


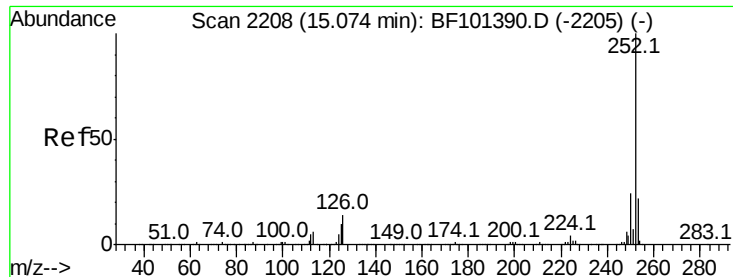
#87
Benzo(b)fluoranthene
Concen: 39.641 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:252 Resp: 558343
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.8 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

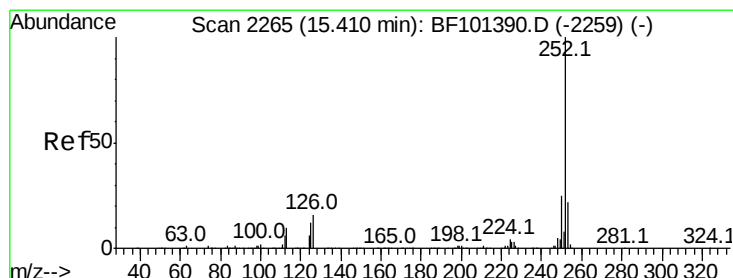
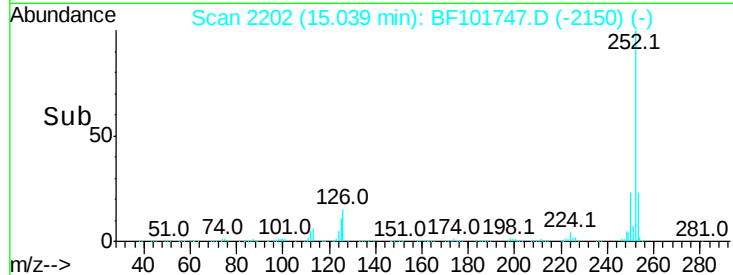
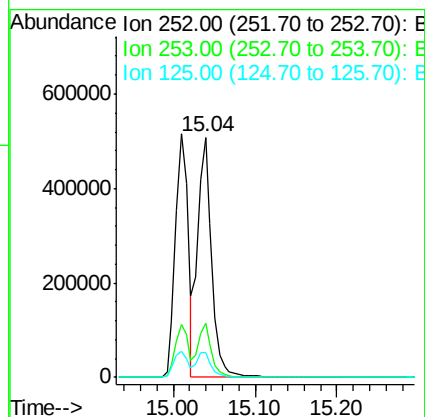
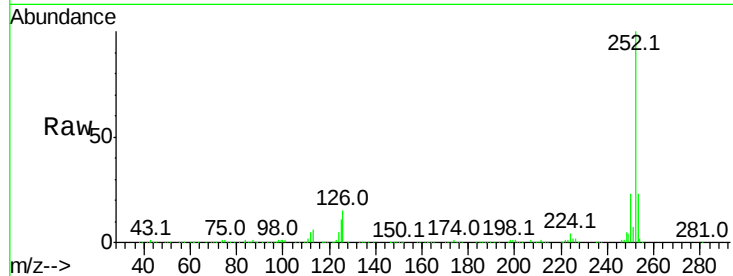




#88
Benzo(k)fluoranthene
Concen: 44.077 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

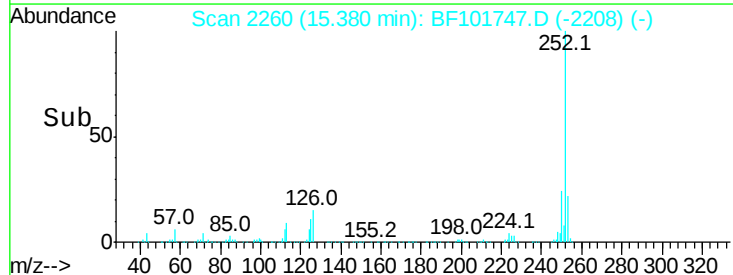
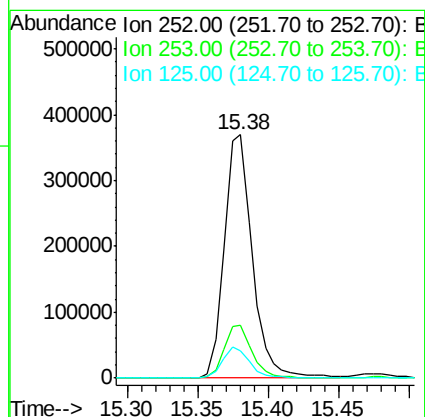
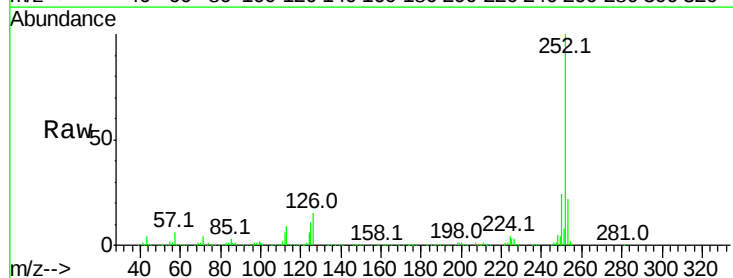
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

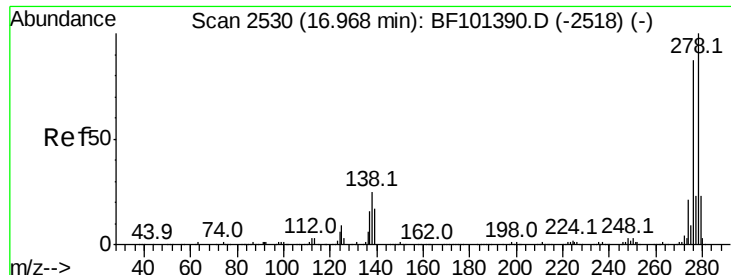
Tot Ion:252 Resp: 603602
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.346 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:252 Resp: 510879
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.3 9.8 14.6

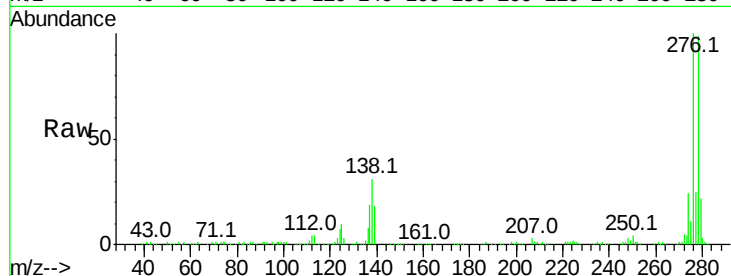




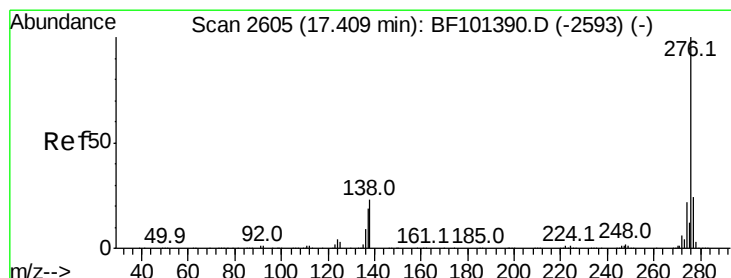
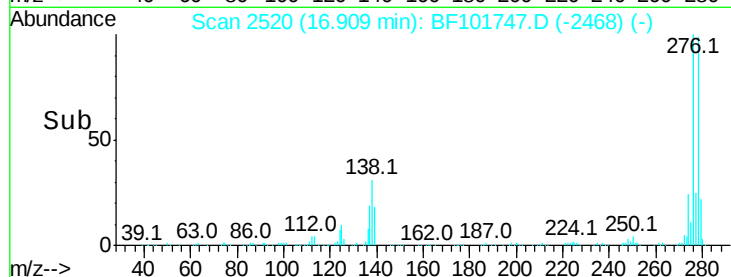
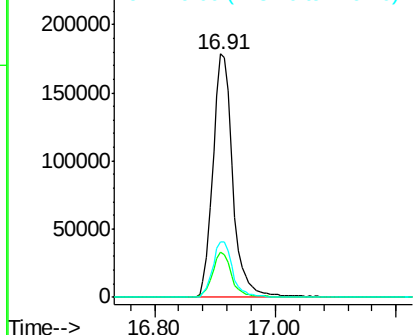
#90
Dibenzo(a,h)anthracene
Concen: 36.495 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 406850
Ion Ratio Lower Upper
278 100
139 18.5 15.9 23.9
279 22.6 19.0 28.4

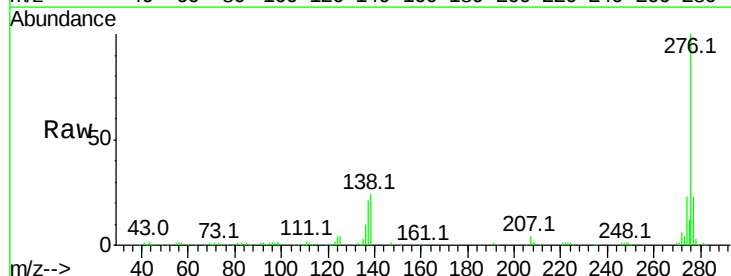


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 34.355 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101747.D
Acq: 27 Dec 2017 7:20

Tgt Ion:276 Resp: 379246
Ion Ratio Lower Upper
276 100
277 23.1 17.9 26.9
138 24.1 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

