

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104302.D
 Acq On : 6 Apr 2018 13:20
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 14:25:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144077	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588226	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	273030	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	483294	20.00	ng	0.00
75) Chrysene-d12	13.97	240	379435	20.00	ng	0.00
86) Perylene-d12	15.43	264	367798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	893022	98.85	ng	0.00
7) Phenol-d6	6.43	99	1106563	99.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	924890	96.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	271768	89.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1567730	90.55	ng	0.00
78) Terphenyl-d14	12.92	244	1534274	93.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	219788	56.406	ng	92
3) Pyridine	3.25	79	614422	62.287	ng	89
4) n-Nitrosodimethylamine	3.22	42	213585	72.845	ng	84
6) Aniline	6.47	93	789409	59.326	ng	98
8) 2-Chlorophenol	6.59	128	480980	48.533	ng	98
9) Benzaldehyde	6.36	77	269137	45.622	ng	98
10) Phenol	6.45	94	590011	47.908	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	471331	44.413	ng	97
12) 1,3-Dichlorobenzene	6.75	146	541260	48.587	ng	99
13) 1,4-Dichlorobenzene	6.82	146	542261	45.428	ng	99
14) 1,2-Dichlorobenzene	6.97	146	490206	45.690	ng	98
15) Benzyl Alcohol	6.95	79	420701	58.214	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	636994	55.094	ng	93
17) 2-Methylphenol	7.05	107	420701	52.157	ng	98
18) Hexachloroethane	7.32	117	197261	49.358	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	356404	54.030	ng	95
20) 3+4-Methylphenols	7.21	107	494498	48.036	ng	# 86
22) Acetophenone	7.22	105	669792	47.062	ng	97
24) Nitrobenzene	7.39	77	501015	49.506	ng	100
25) Isophorone	7.63	82	917042	51.734	ng	99
26) 2-Nitrophenol	7.70	139	221551	41.939	ng	98
27) 2,4-Dimethylphenol	7.74	122	411478	54.009	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	556160	50.060	ng	100
29) 2,4-Dichlorophenol	7.94	162	391306	49.173	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	420041	46.521	ng	99
31) Naphthalene	8.11	128	1381945	48.090	ng	99
32) Benzoic acid	7.88	122	371524	66.566	ng	95
33) 4-Chloroaniline	8.16	127	593304	48.972	ng	98
34) Hexachlorobutadiene	8.23	225	230826	46.979	ng	99
35) Caprolactam	8.55	113	134151	53.166	ng	# 79
36) 4-Chloro-3-methylphenol	8.64	107	414657	49.264	ng	100
37) 2-Methylnaphthalene	8.80	142	885512	46.780	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	370410	44.241	ng	99
40) Hexachlorocyclopentadiene	8.95	237	221334	64.170	ng	100

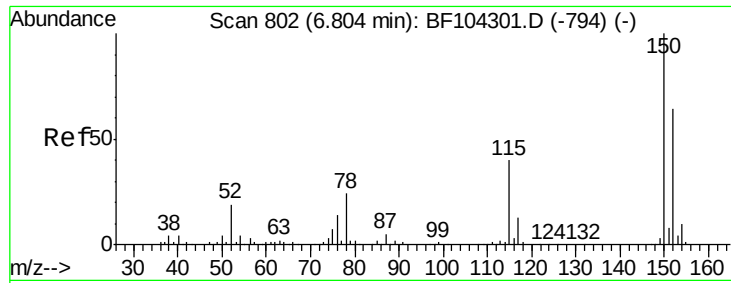
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104302.D
 Acq On : 6 Apr 2018 13:20
 Operator : JU/SJ
 Sample : SSTDICC050
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Quant Time: Apr 06 14:25:42 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	264860	49.958	ng	98
43) 2,4,5-Trichlorophenol	9.11	196	295300	46.131	ng	97
45) 1,1'-Biphenyl	9.27	154	1065953	45.489	ng	100
46) 2-Chloronaphthalene	9.29	162	854353	46.220	ng	99
47) 2-Nitroaniline	9.39	65	245298	46.539	ng	95
48) Acenaphthylene	9.71	152	1324372	47.293	ng	99
49) Dimethylphthalate	9.57	163	997328	46.266	ng	100
50) 2,6-Dinitrotoluene	9.63	165	215106	46.382	ng	99
51) Acenaphthene	9.88	154	814702	50.291	ng	100
52) 3-Nitroaniline	9.80	138	248724	46.654	ng	99
53) 2,4-Dinitrophenol	9.90	184	67282	38.364	ng	# 21
54) Dibenzofuran	10.05	168	1137668	48.091	ng	97
55) 4-Nitrophenol	9.95	139	194169	60.742	ng	98
56) 2,4-Dinitrotoluene	10.03	165	276452	46.715	ng	97
57) Fluorene	10.40	166	826492	42.354	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	220712	46.020	ng	97
59) Diethylphthalate	10.27	149	1003144	48.576	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	365919	40.827	ng	98
61) 4-Nitroaniline	10.42	138	242793	48.671	ng	99
62) Azobenzene	10.55	77	963452	51.595	ng	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	119653	40.900	ng	95
65) n-Nitrosodiphenylamine	10.51	169	795192	48.583	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	248390	48.039	ng	90
67) Hexachlorobenzene	10.94	284	277587	46.671	ng	94
68) Atrazine	11.04	200	238269	47.518	ng	98
69) Pentachlorophenol	11.13	266	186123	56.868	ng	98
70) Phenanthrene	11.36	178	1262338	48.243	ng	99
71) Anthracene	11.41	178	1276803	46.716	ng	100
72) Carbazole	11.56	167	1250762	47.948	ng	99
73) Di-n-butylphthalate	11.90	149	1490122	47.957	ng	99
74) Fluoranthene	12.54	202	1307445	47.008	ng	99
76) Benzidine	12.67	184	620843	57.416	ng	96
77) Pyrene	12.77	202	1347910	49.417	ng	99
79) Butylbenzylphthalate	13.40	149	649255	50.524	ng	97
80) Benzo(a)anthracene	13.96	228	1058457	44.582	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	408240	51.948	ng	97
82) Chrysene	14.00	228	1115369	47.964	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	788113	47.466	ng	100
84) Di-n-octyl phthalate	14.58	149	1402981	49.122	ng	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	1019681	42.315	ng	98
87) Benzo(b)fluoranthene	15.01	252	1184829	52.932	ng	98
88) Benzo(k)fluoranthene	15.04	252	983557	46.646	ng	99
89) Benzo(a)pyrene	15.37	252	1018649	49.108	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	840285	43.815	ng	99
91) Benzo(g,h,i)perylene	17.31	276	802650	41.785	ng	98

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

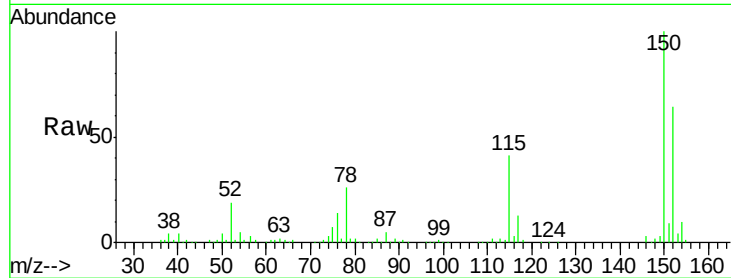


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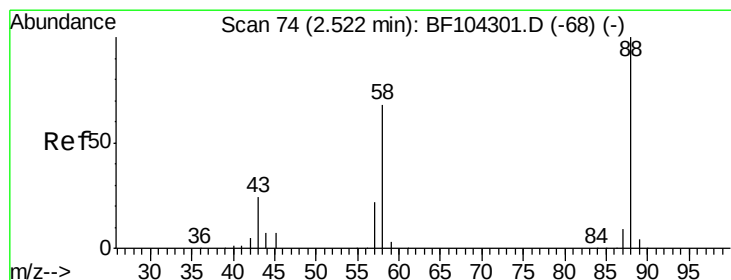
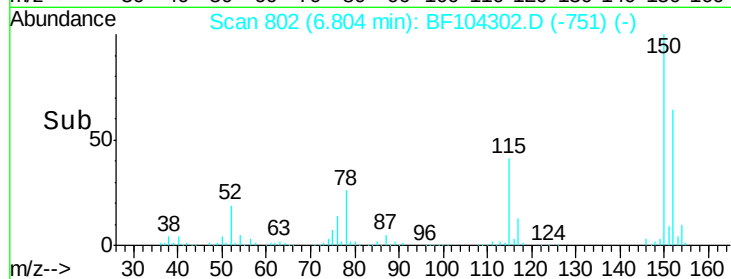
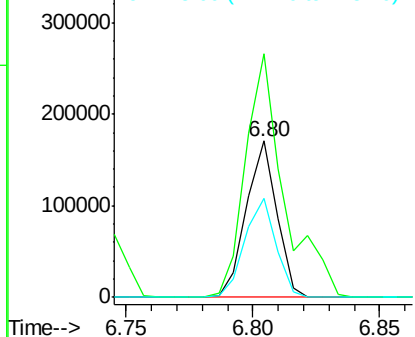
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 144077
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 63.1 50.1 75.1



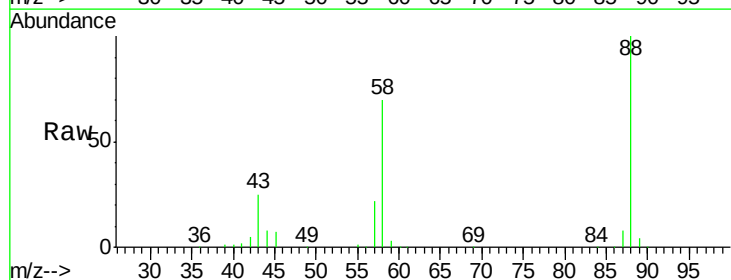
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



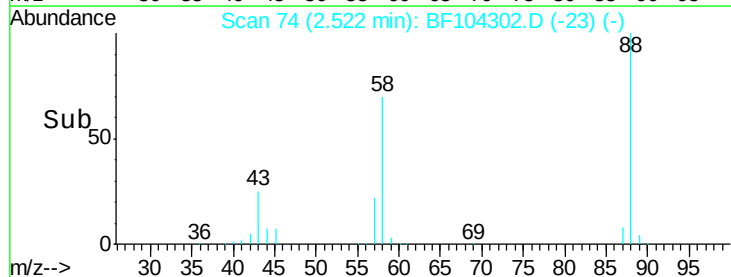
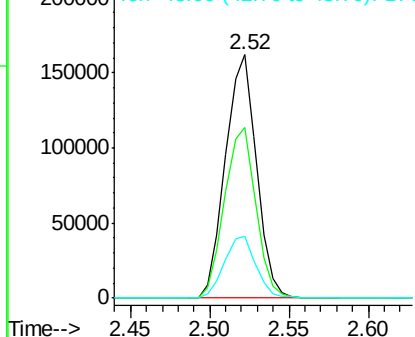
#2

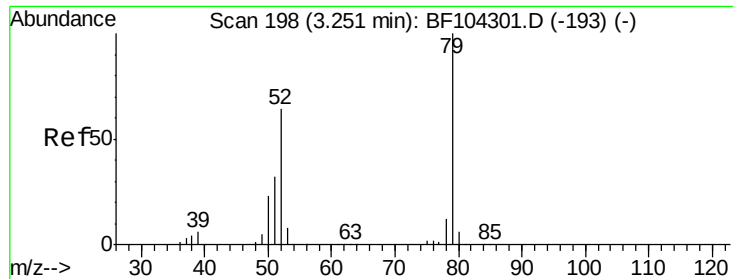
1,4-Dioxane
 Concen: 56.406 ng
 RT: 2.52 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion: 88 Resp: 219788
 Ion Ratio Lower Upper
 88 100
 58 70.9 62.6 93.8
 43 26.4 24.6 37.0



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





#3

Pvridine

Concen: 62.287 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

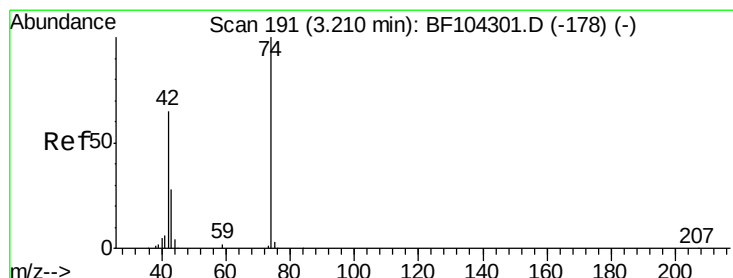
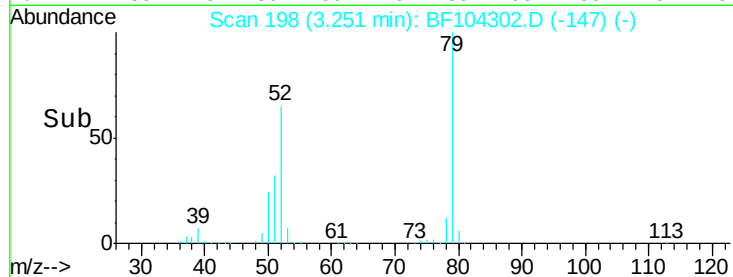
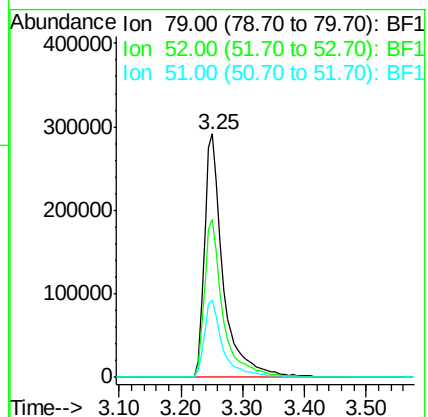
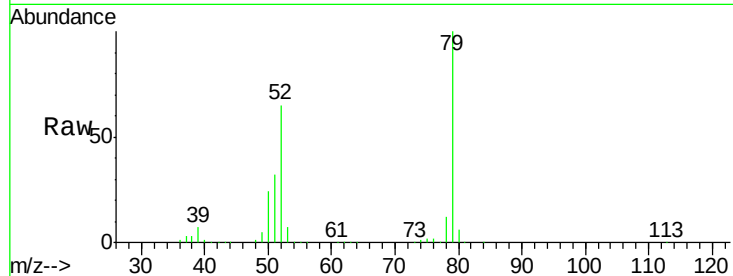
Tot Ion: 79 Resp: 614422

Ion Ratio Lower Upper

79 100

52 64.6 59.8 89.6

51 31.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 72.845 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

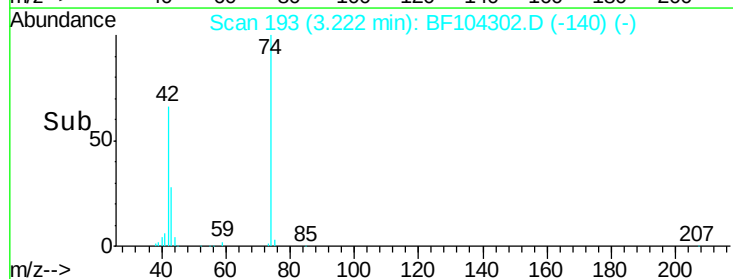
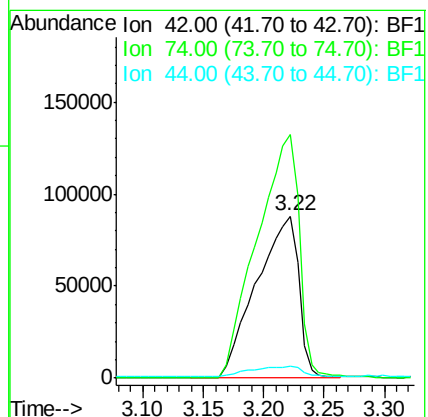
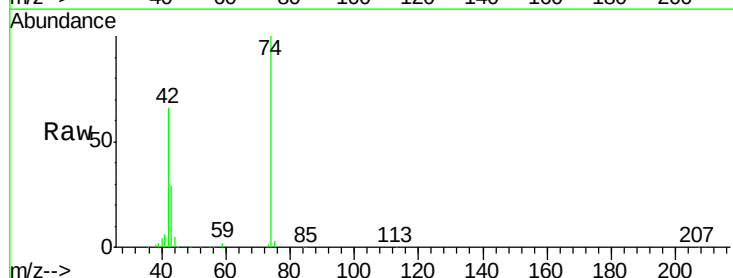
Tgt Ion: 42 Resp: 213585

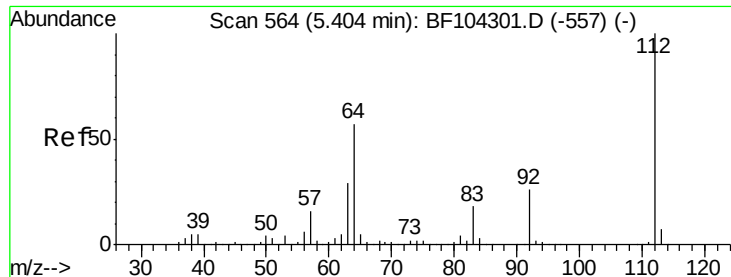
Ion Ratio Lower Upper

42 100

74 150.5 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 98.846 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampled :

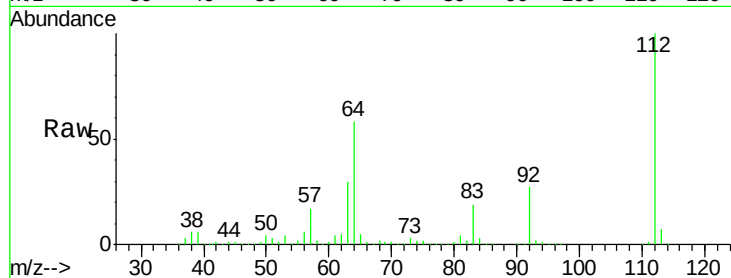
Tot Ion:112 Resp: 893022

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

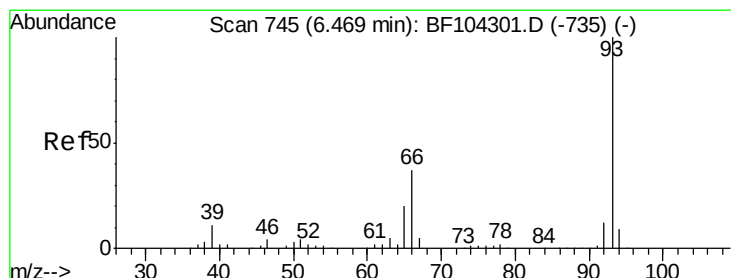
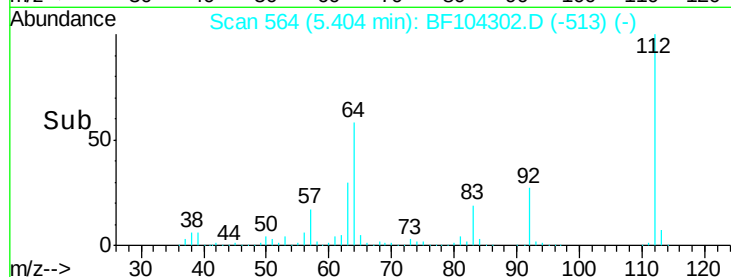
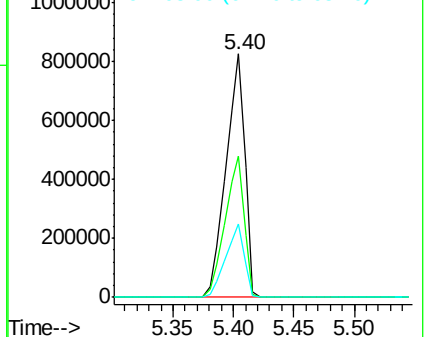
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 59.326 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

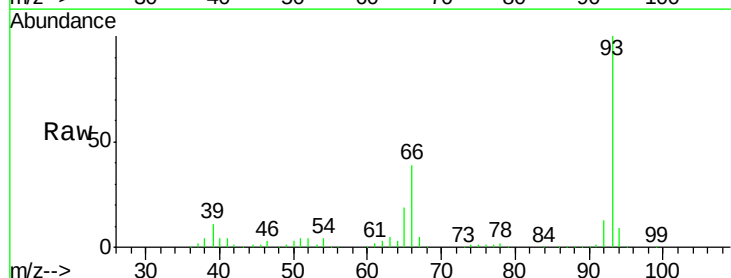
Tgt Ion: 93 Resp: 789409

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

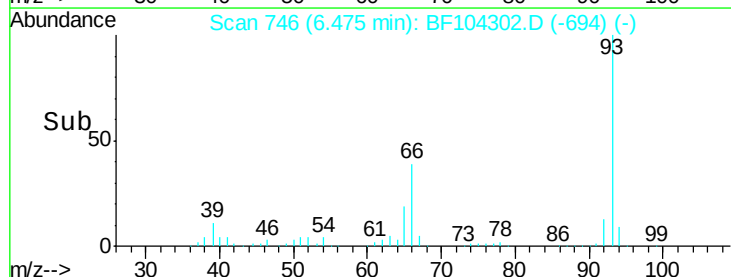
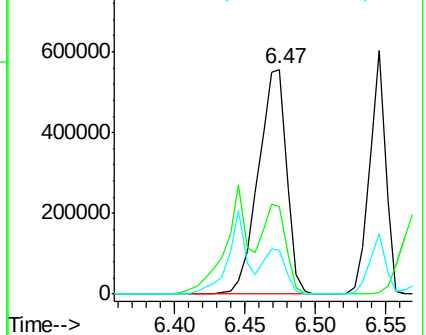
65 19.4 16.4 24.6

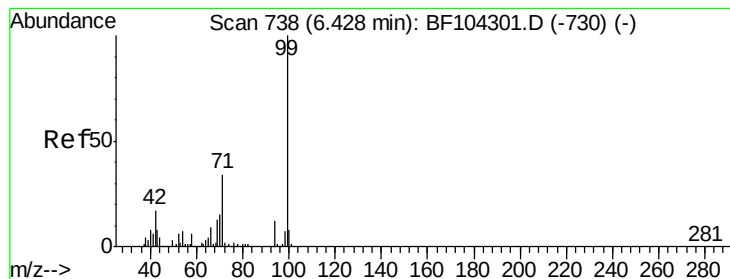


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.555 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

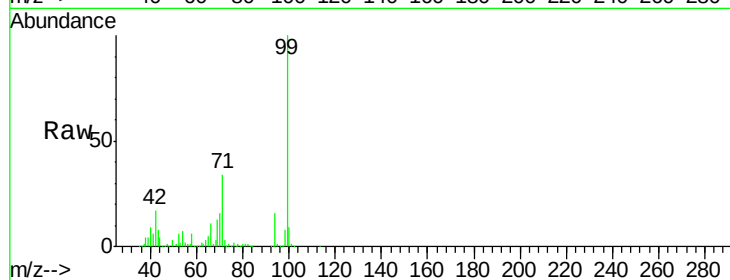
Tot Ion: 99 Resp: 1106563

Ion Ratio Lower Upper

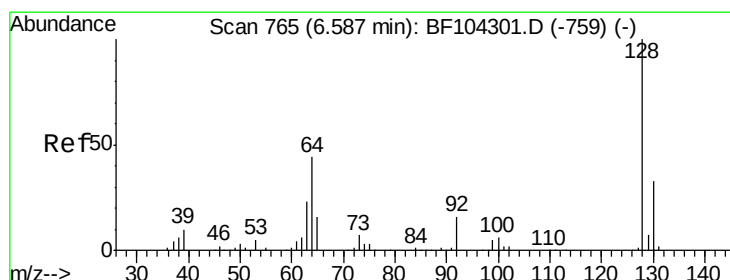
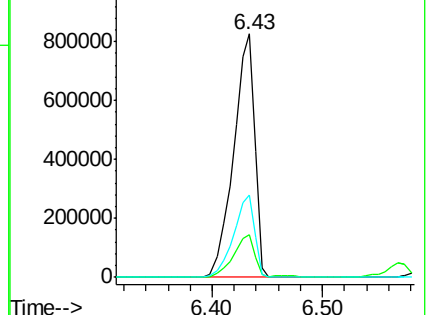
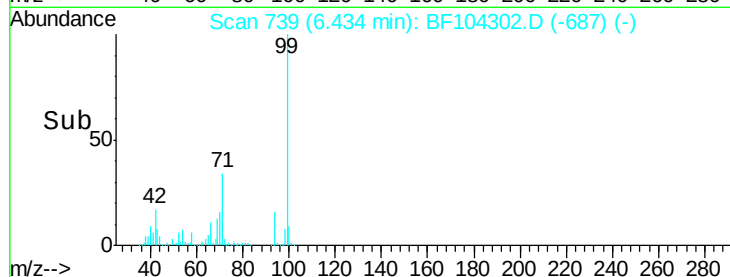
99 100

42 17.3 14.5 21.7

71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.533 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

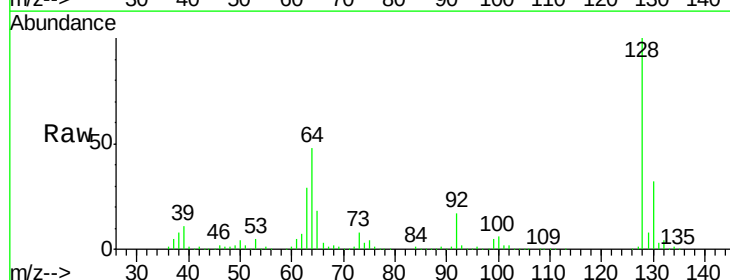
Tgt Ion: 128 Resp: 480980

Ion Ratio Lower Upper

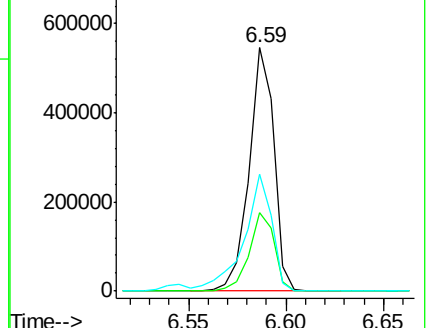
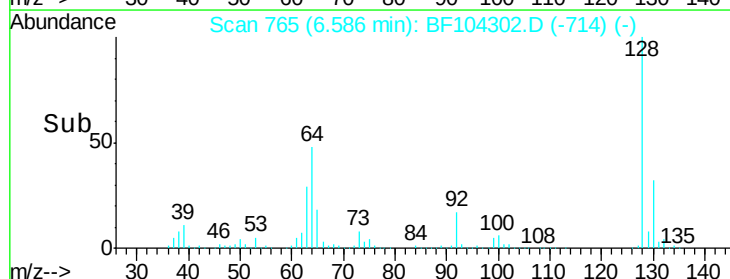
128 100

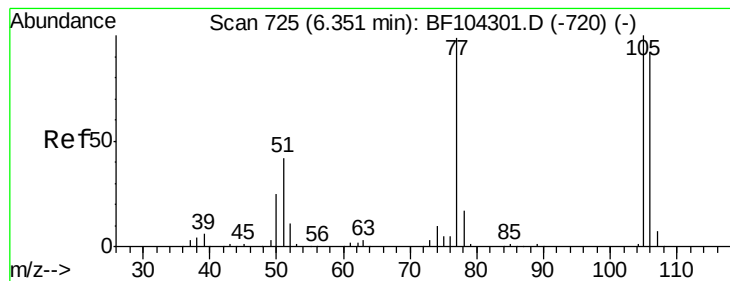
130 32.3 13.0 53.0

64 47.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 45.622 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

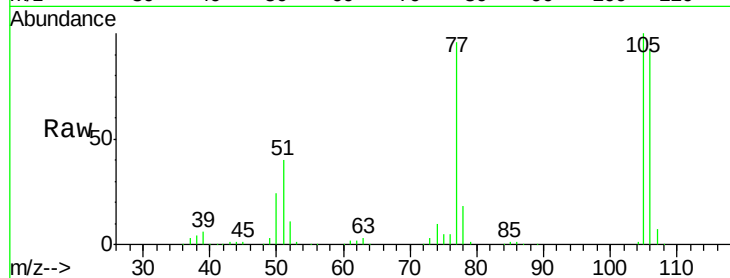
Tot Ion: 77 Resp: 269137

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

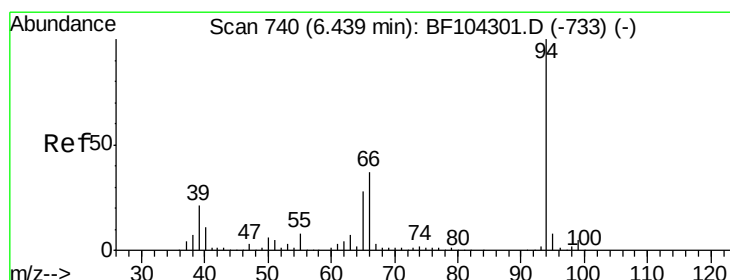
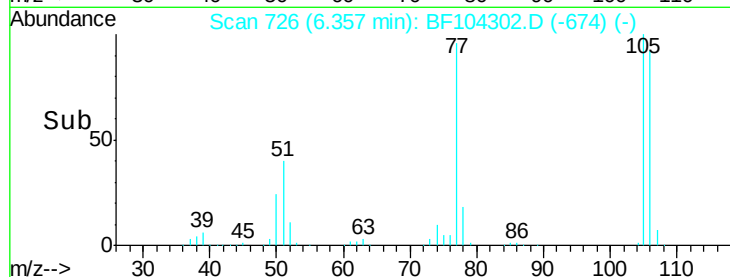
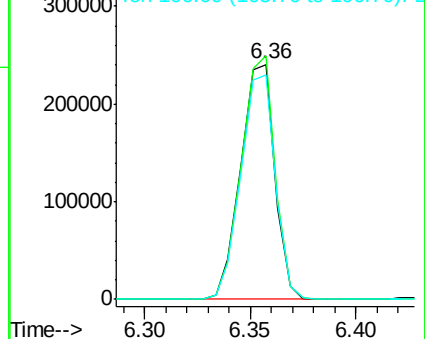
106 95.6 74.5 114.5



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: 47.908 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

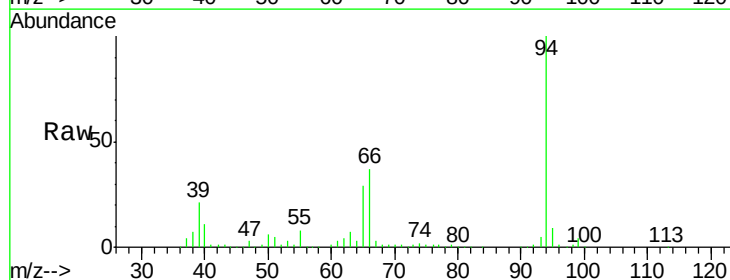
Tgt Ion: 94 Resp: 590011

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

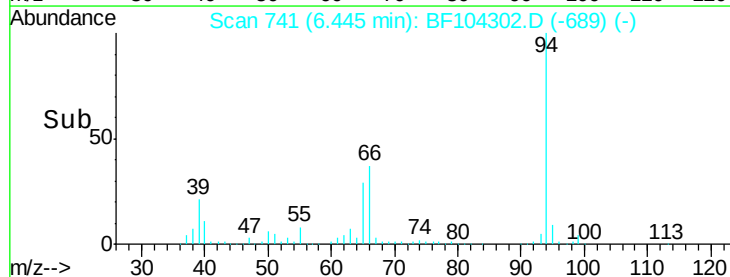
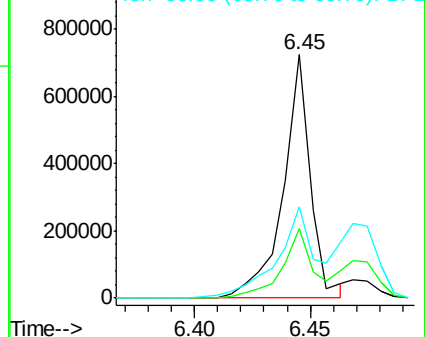
66 37.4 16.2 56.2

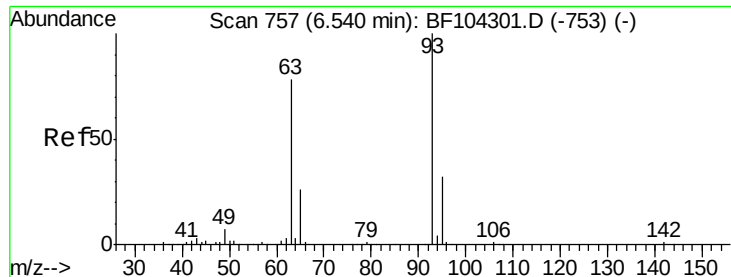


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.413 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

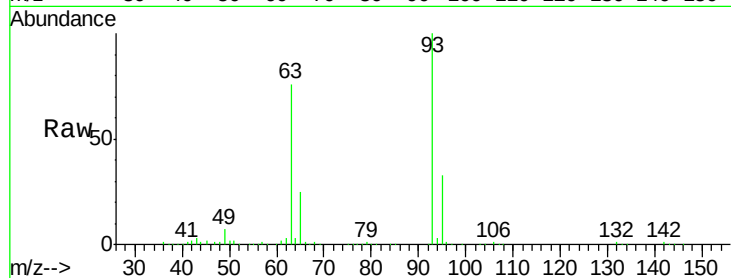
Tot Ion: 93 Resp: 471331

Ion Ratio Lower Upper

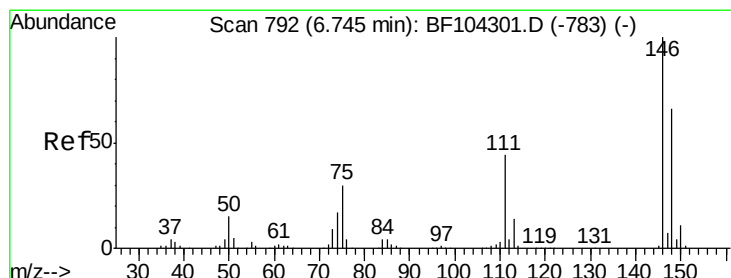
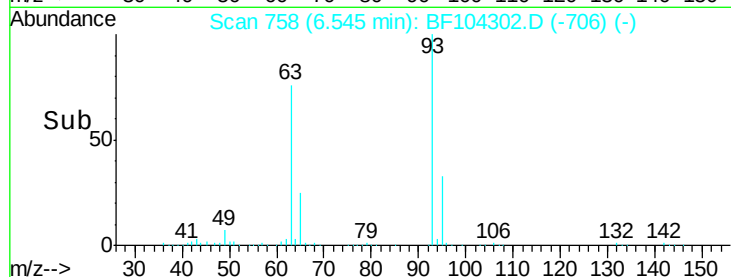
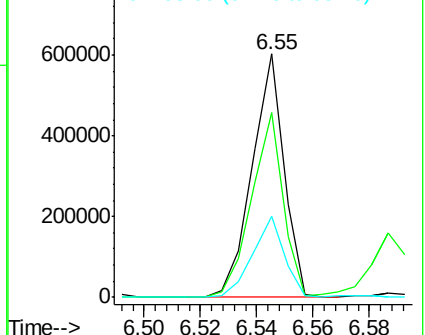
93 100

63 75.7 58.6 98.6

95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 48.587 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

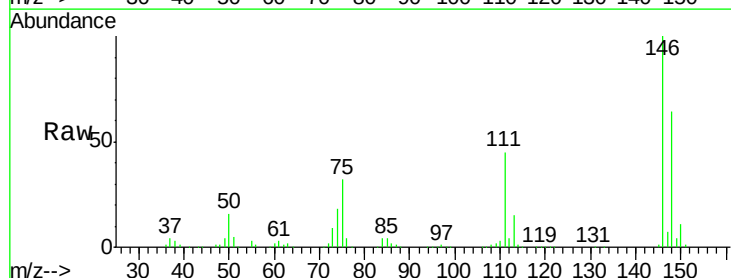
Tgt Ion: 146 Resp: 541260

Ion Ratio Lower Upper

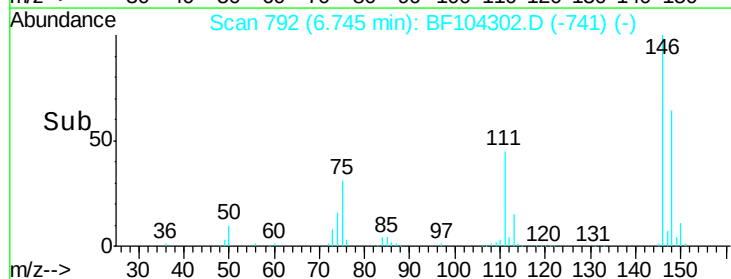
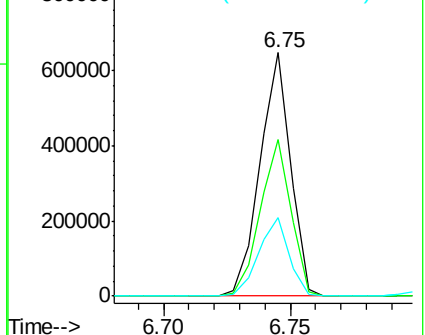
146 100

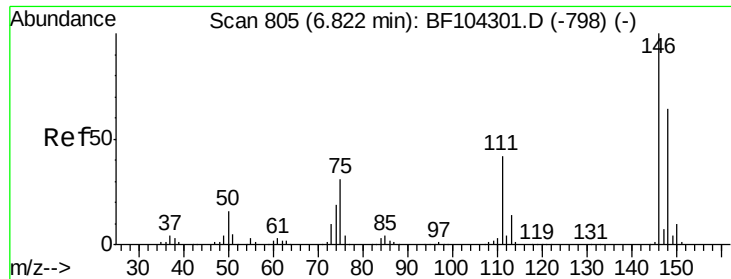
148 64.4 51.8 77.8

75 32.1 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

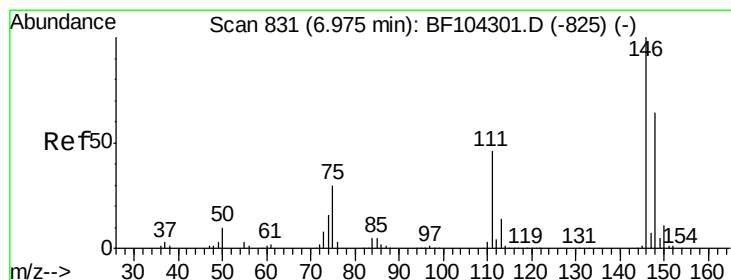
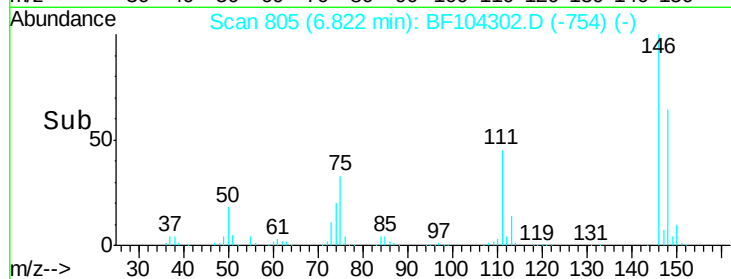
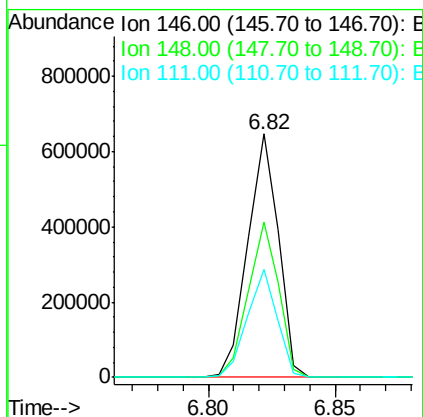
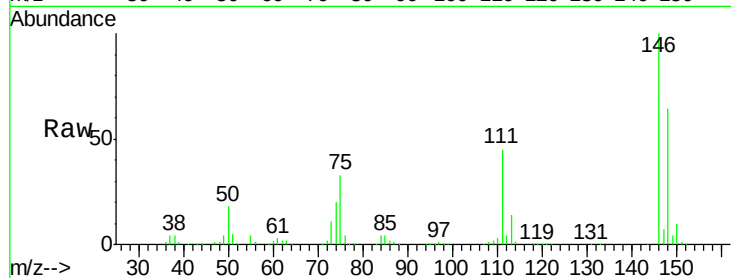




#13
 1,4-Dichlorobenzene
 Concen: 45.428 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

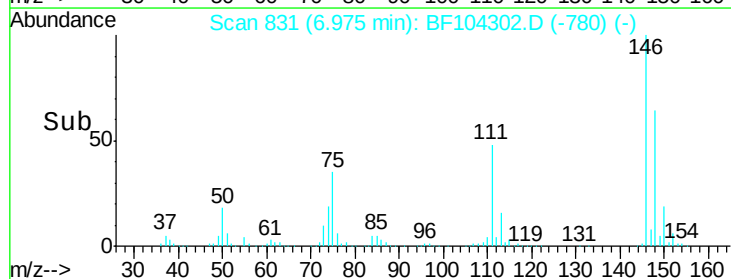
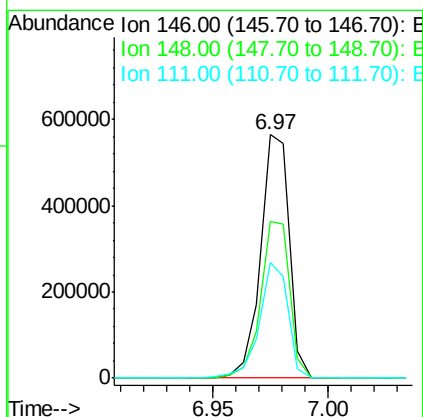
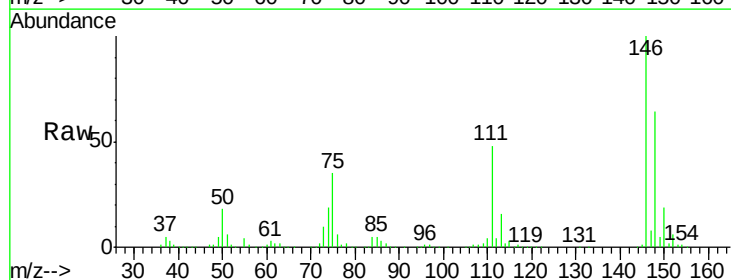
Instrument :
 BNA_F
 ClientSampleId :

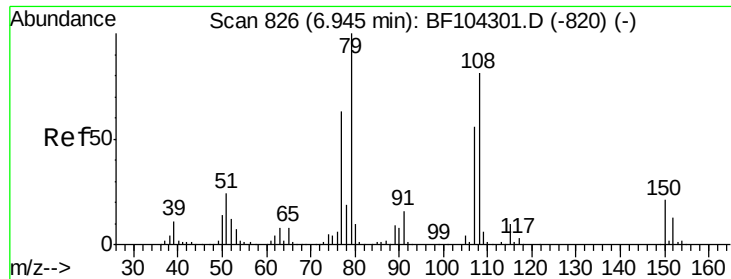
Tot Ion:146 Resp: 542261
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 44.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.690 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:146 Resp: 490206
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 47.6 36.0 54.0

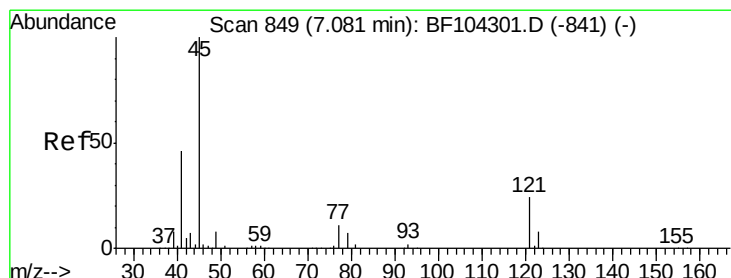
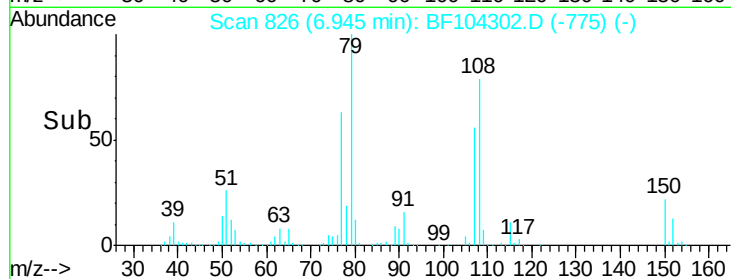
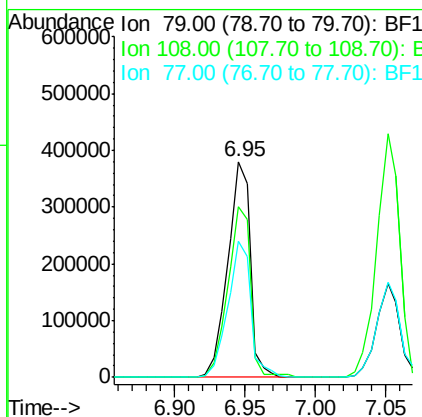
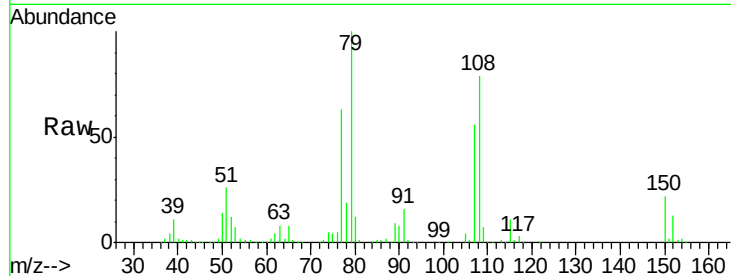




#15
Benzyl Alcohol
Concen: 58.214 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

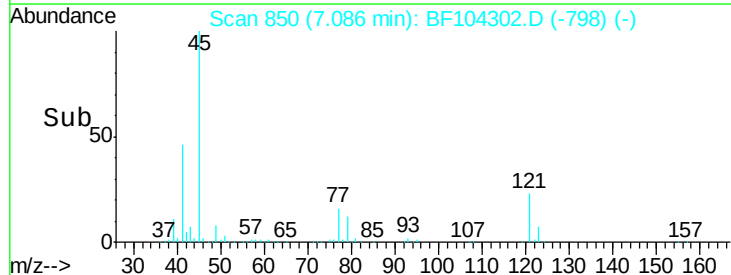
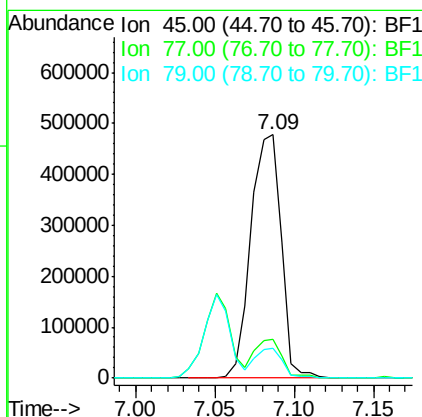
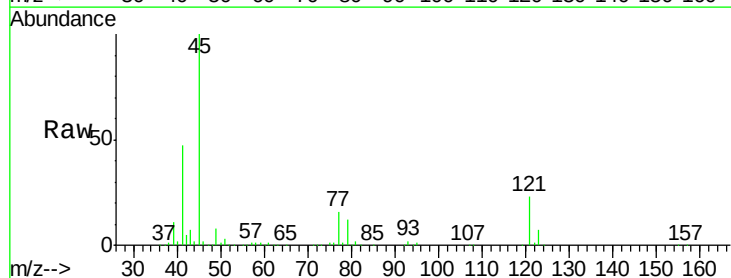
Instrument :
BNA_F
ClientSampled :

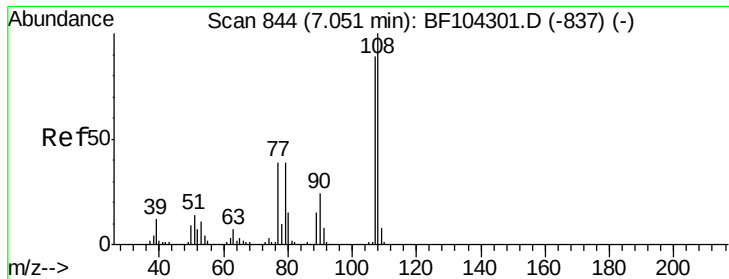
Tot Ion: 79 Resp: 420701
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 62.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 55.094 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion: 45 Resp: 636994
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.9
79 12.4 0.0 29.6





#17

2-Methylphenol

Concen: 52.157 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

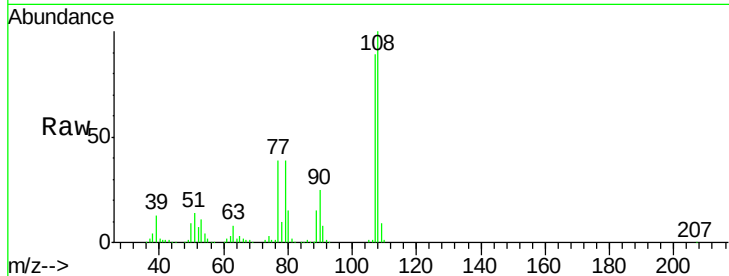
Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampled :



Tot Ion:107 Resp: 420701

Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 44.0 33.8 50.8

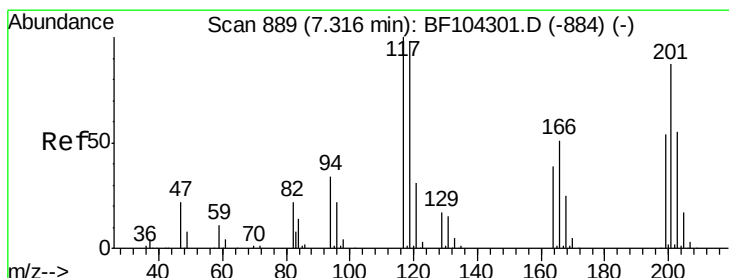
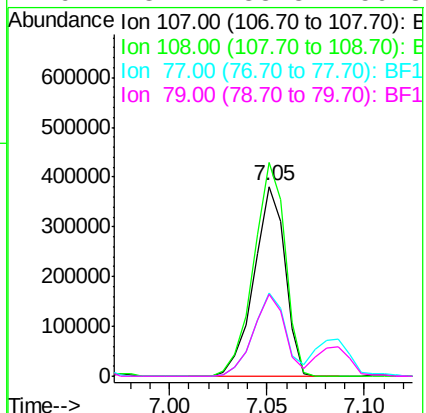
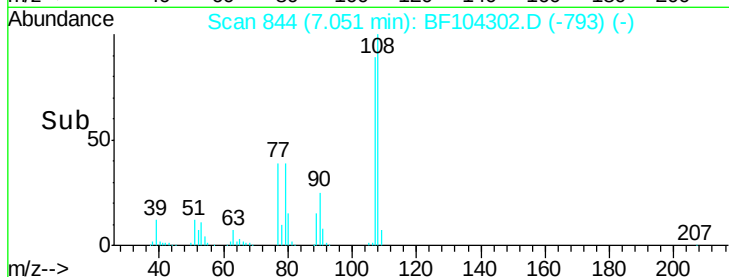
79 43.4 33.8 50.8

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.358 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

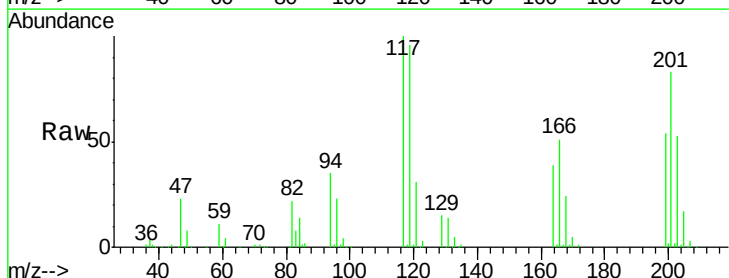
Tgt Ion:117 Resp: 197261

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

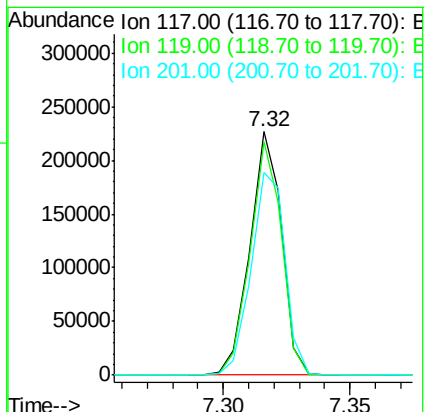
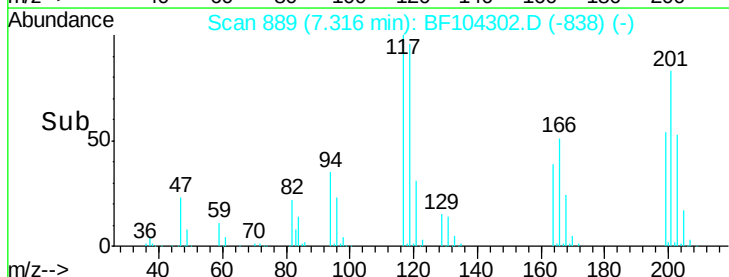
201 83.1 75.7 113.5

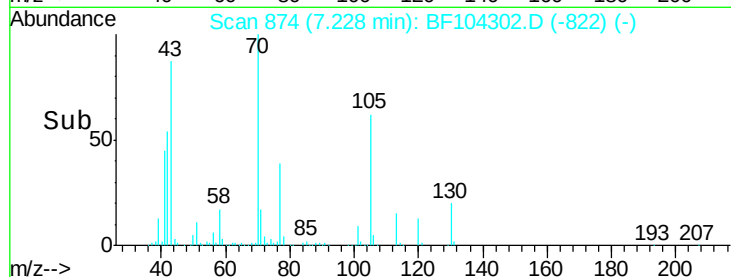
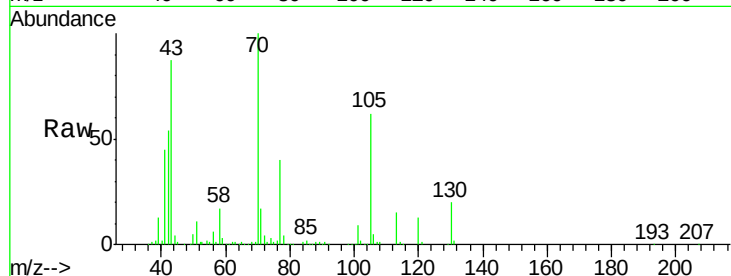
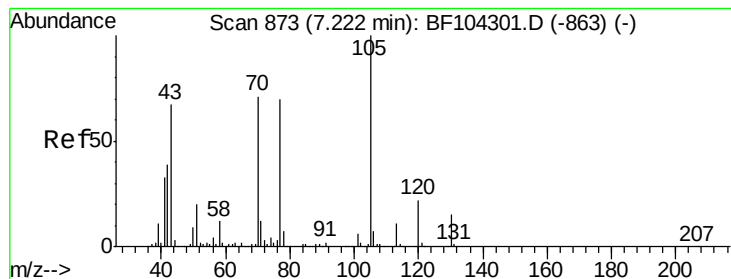


Abundance Ion 117.00 (116.70 to 117.70): E

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: 54.030 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 356404

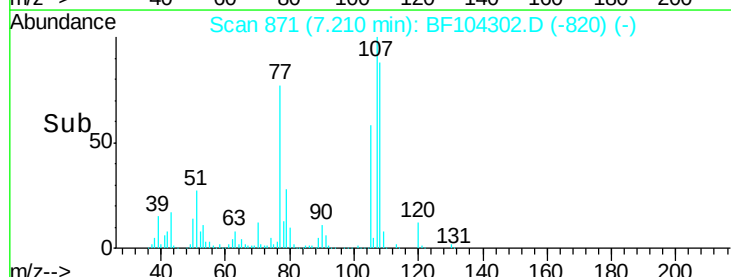
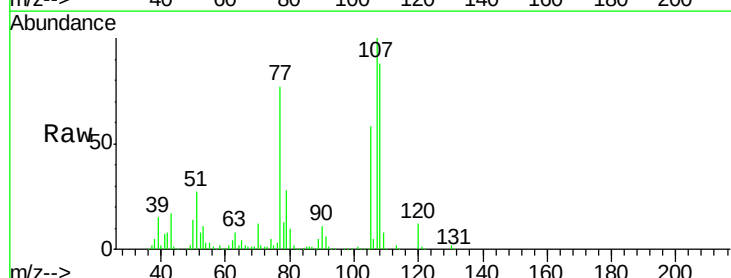
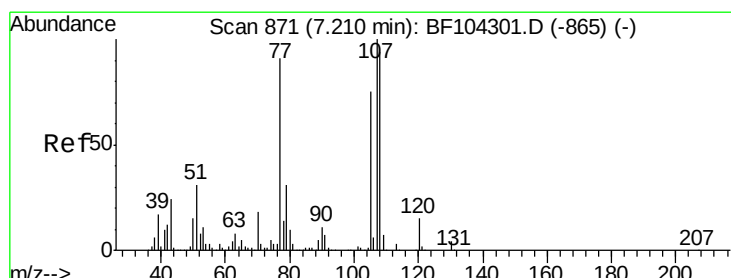
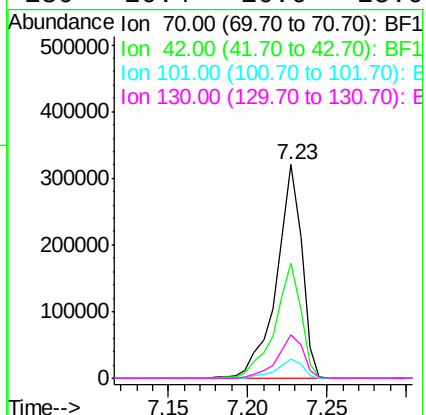
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 9.1 7.4 11.2

130 20.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 48.036 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Tgt Ion:107 Resp: 494498

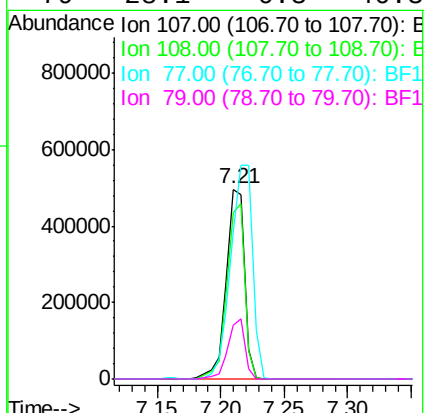
Ion Ratio Lower Upper

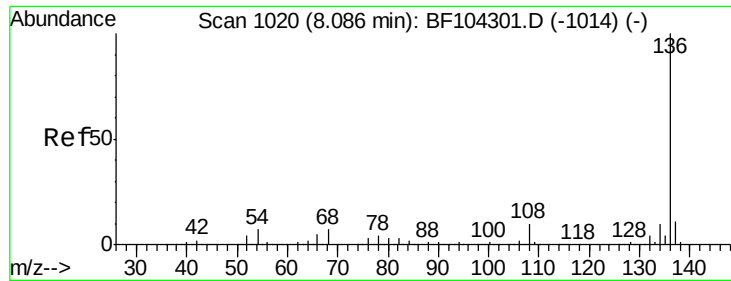
107 100

108 87.7 68.2 108.2

77 77.3 26.7 66.7#

79 28.1 6.3 46.3

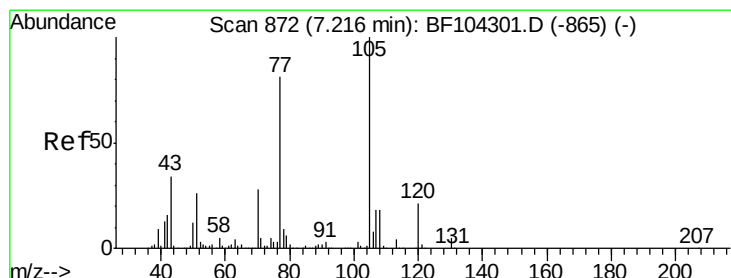
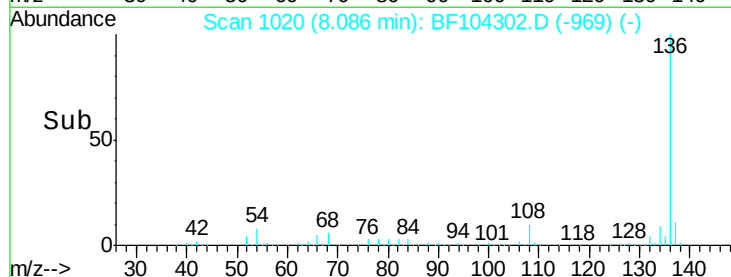
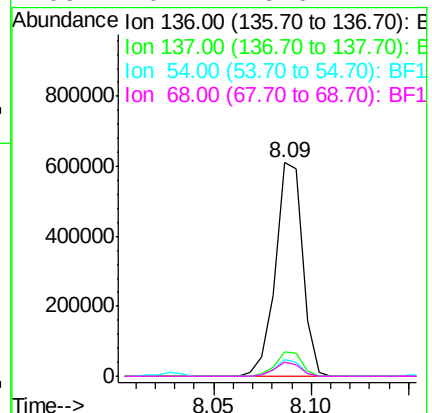
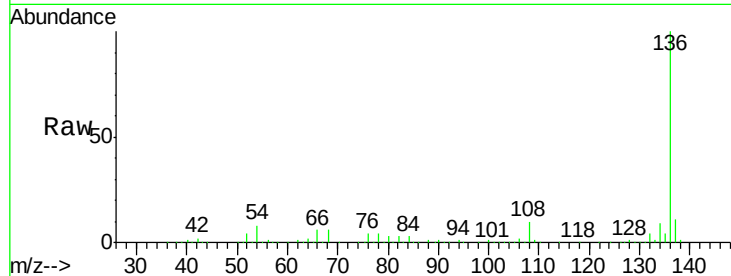




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

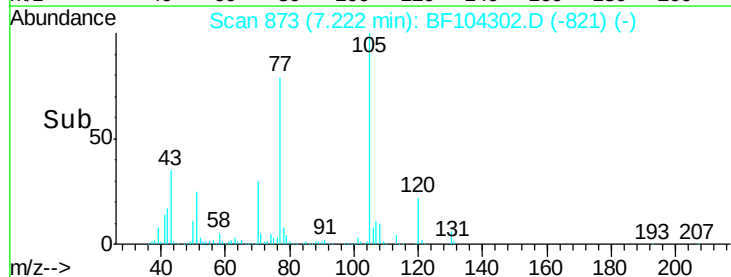
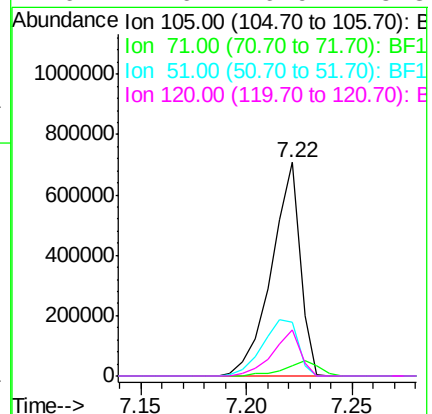
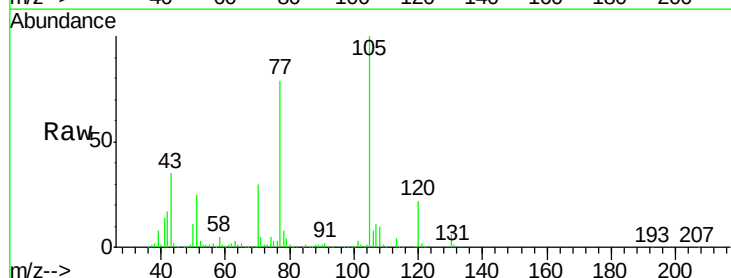
Instrument :
BNA_F
ClientSampleId :

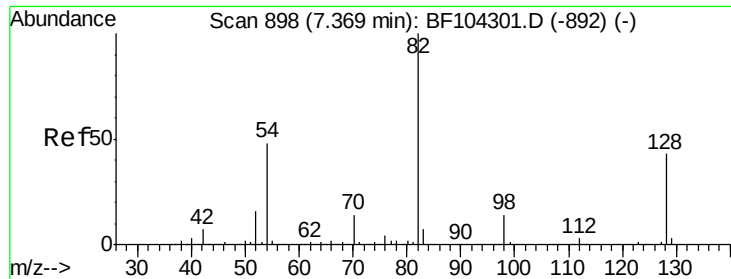
Tot Ion:136	Resp: 588226
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.8	6.6 9.8
68 6.4	5.0 7.4



#22
Acetophenone
Concen: 47.062 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:105	Resp: 669792
Ion Ratio	Lower Upper
105 100	
71 5.1	4.4 6.6
51 25.0	22.3 33.5
120 21.6	16.9 25.3

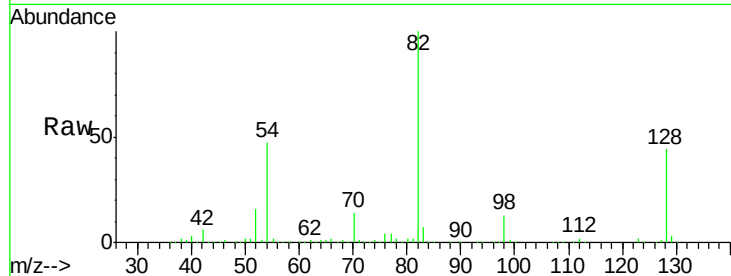




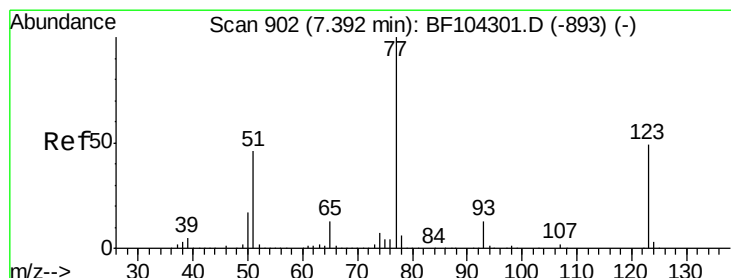
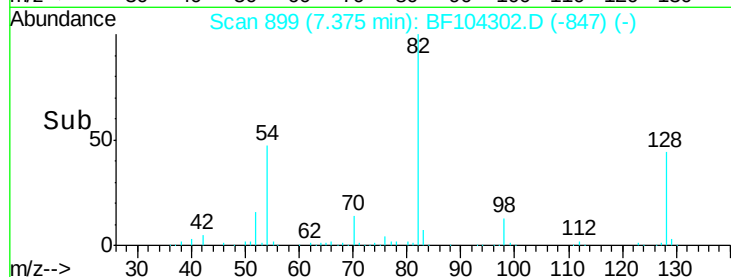
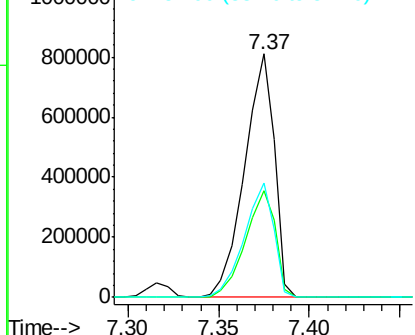
#23
 Nitrobenzene-d5
 Concen: 96.157 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 924890
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 47.2 41.4 62.2

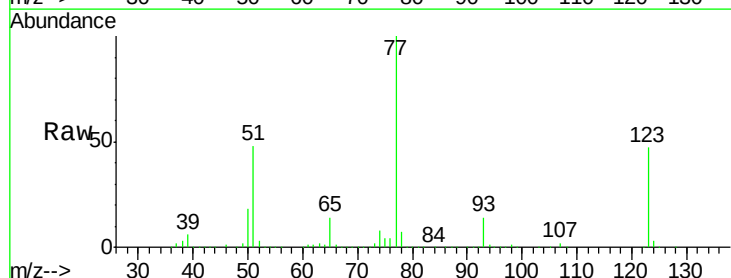


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

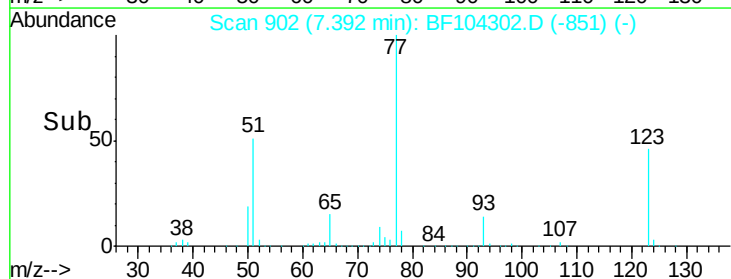
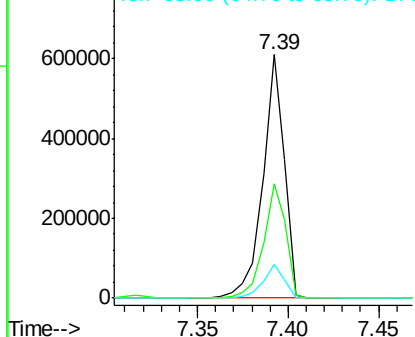


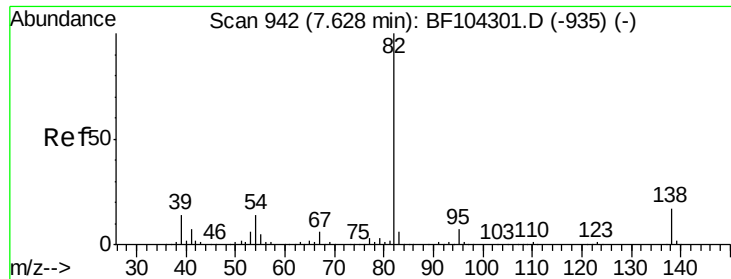
#24
 Nitrobenzene
 Concen: 49.506 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion: 77 Resp: 501015
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.9 56.9
 65 13.6 11.0 16.4



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





#25

Isophorone

Concen: 51.734 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

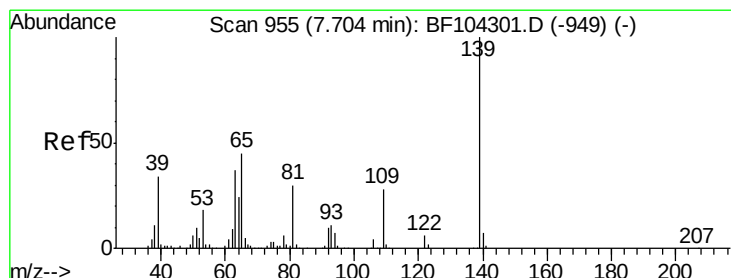
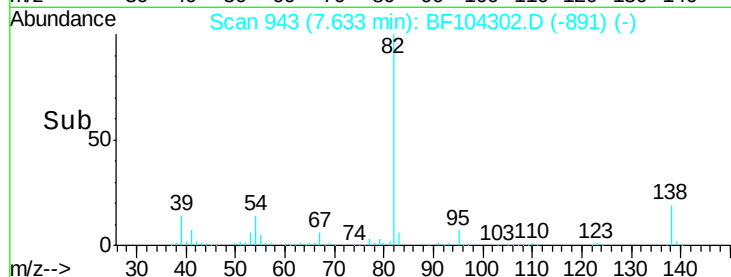
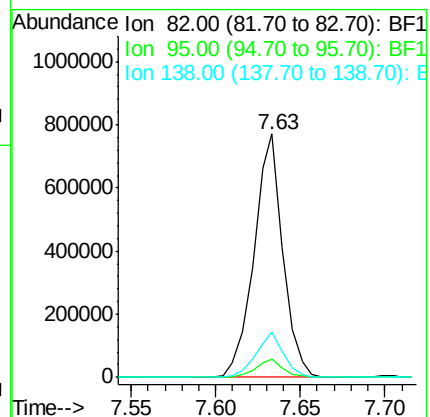
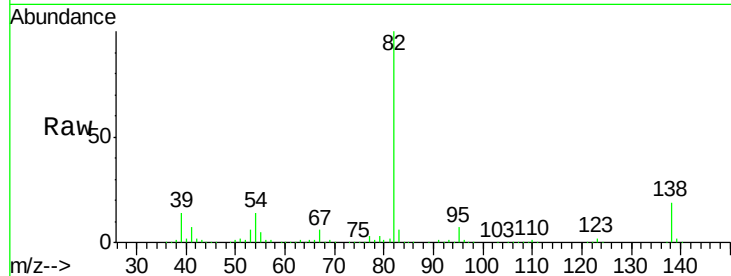
Tot Ion: 82 Resp: 917042

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 41.939 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

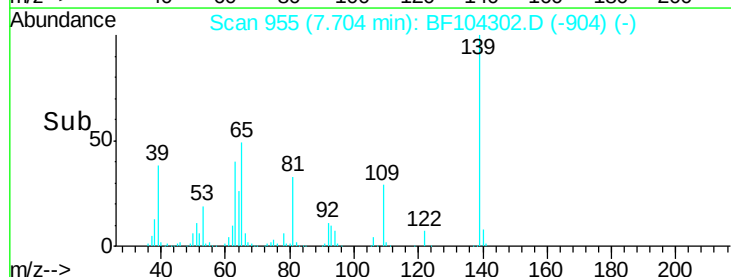
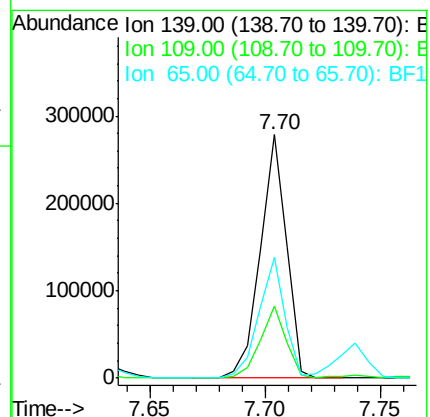
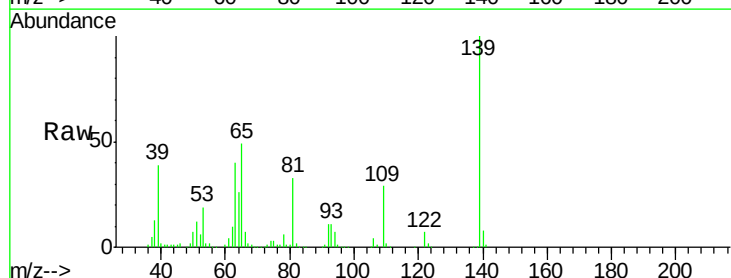
Tgt Ion: 139 Resp: 221551

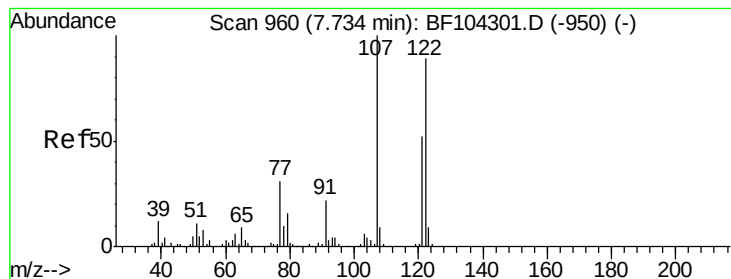
Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

65 49.4 40.5 60.7

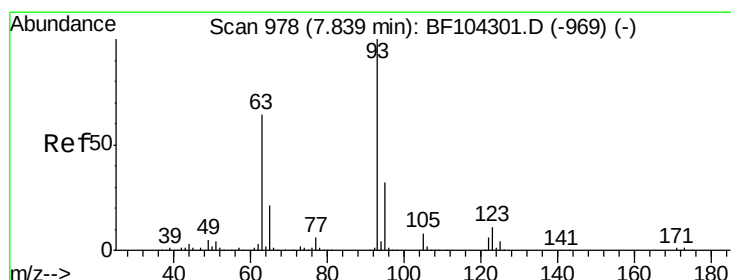
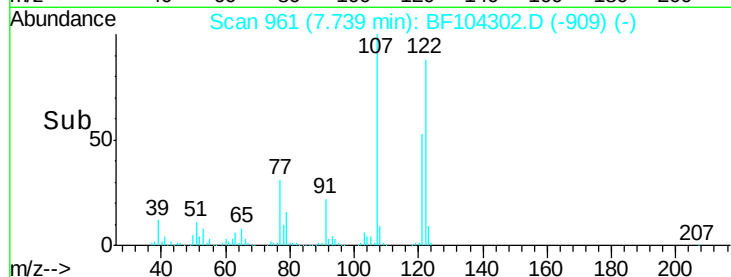
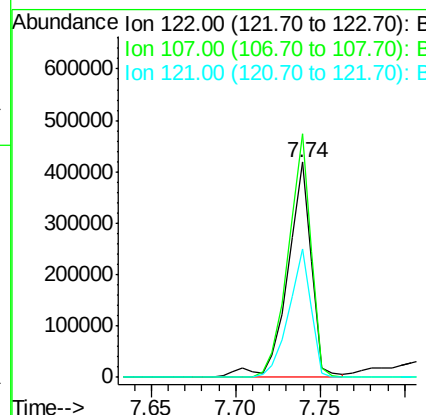
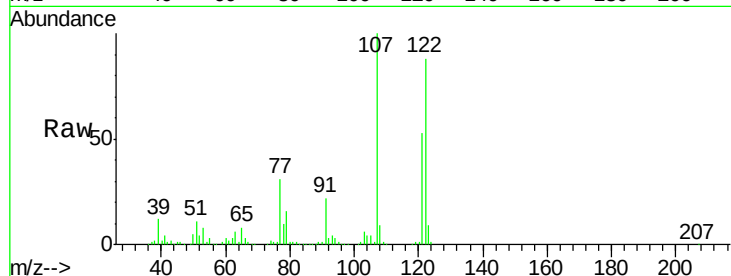




#27
 2,4-Dimethylphenol
 Concen: 54.009 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

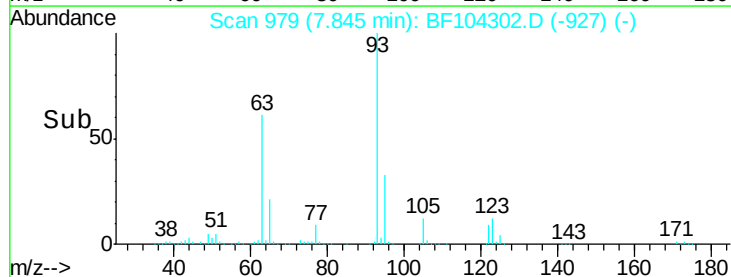
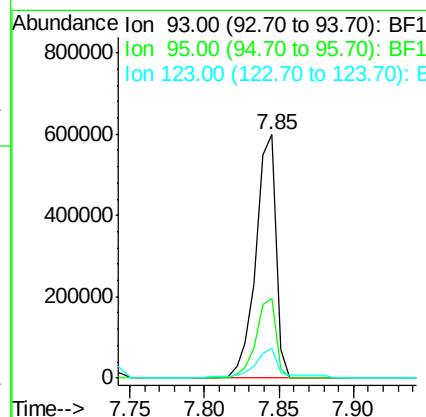
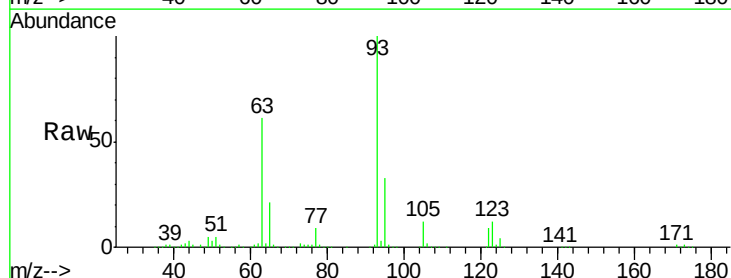
Instrument :
 BNA_F
 ClientSampleId :

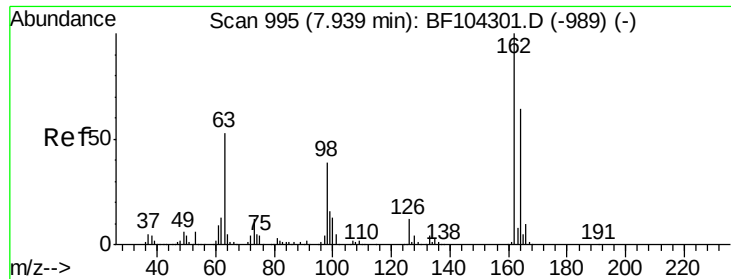
Tot Ion:122 Resp: 411478
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.2 136.8
 121 59.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.060 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion: 93 Resp: 556160
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 12.4 9.8 14.6

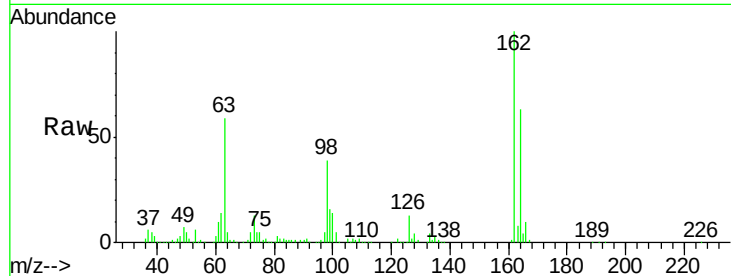




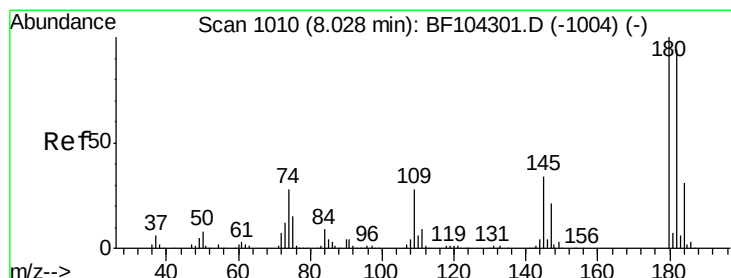
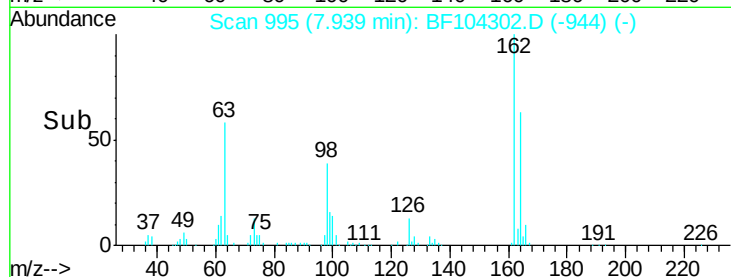
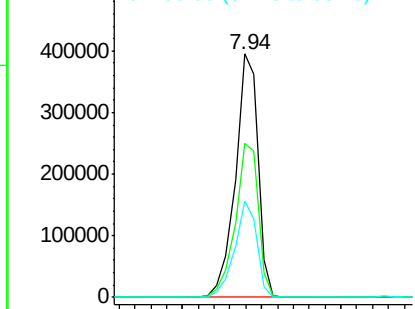
#29
 2,4-Dichlorophenol
 Concen: 49.173 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	39.4	18.1	58.1

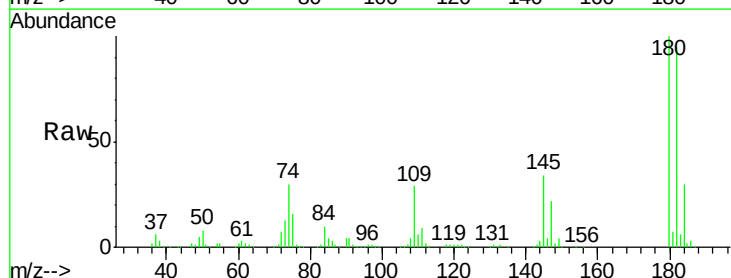


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

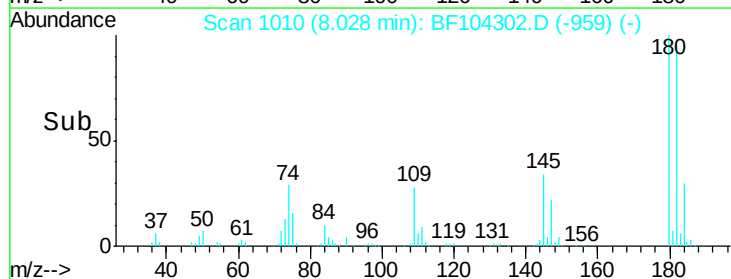
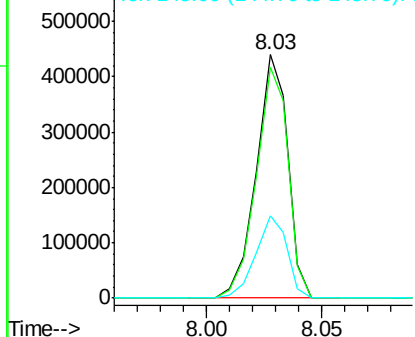


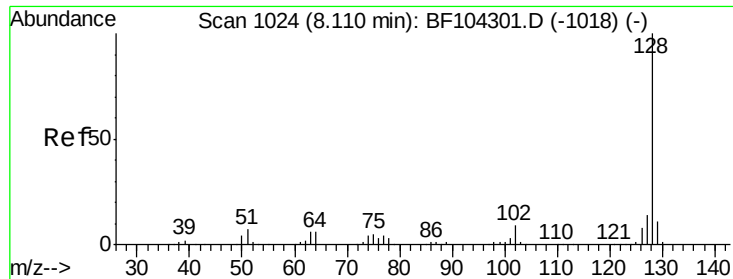
#30
 1,2,4-Trichlorobenzene
 Concen: 46.521 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	33.8	26.5	39.7



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





#31

Naphthalene

Concen: 48.090 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

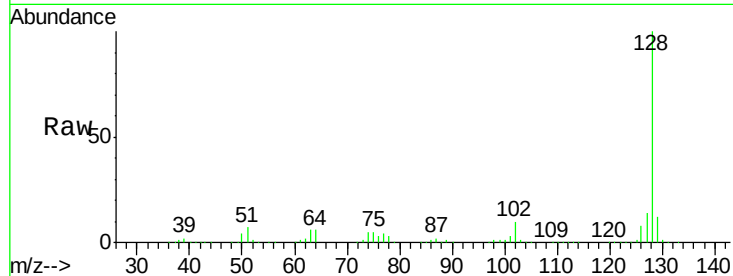
Tot Ion:128 Resp: 1381945

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

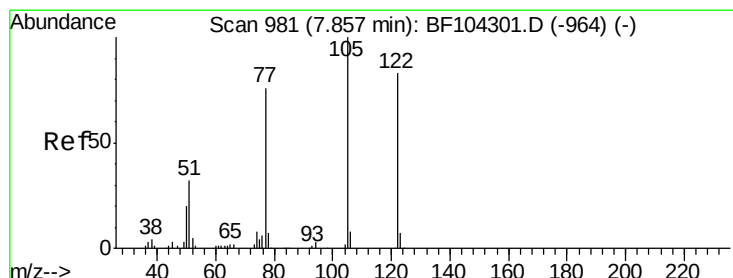
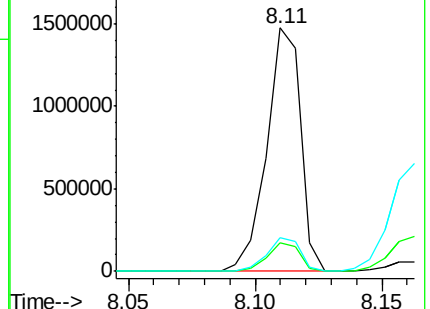
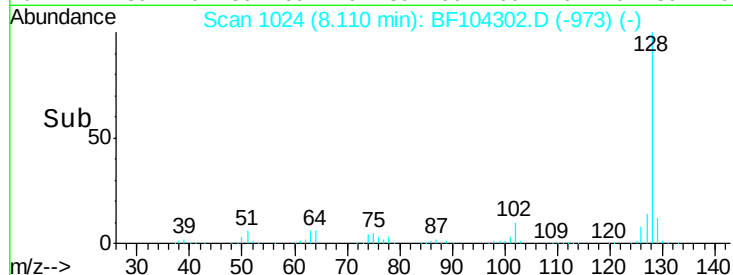
127 13.9 10.9 16.3



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: 66.566 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

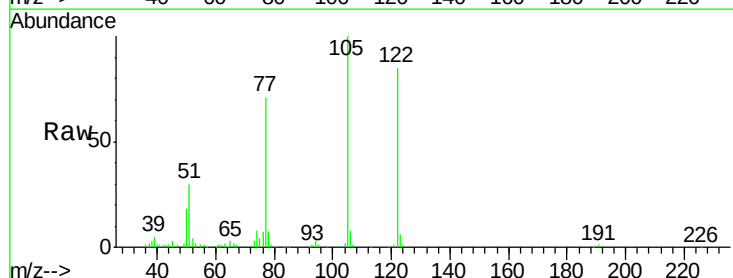
Tgt Ion:122 Resp: 371524

Ion Ratio Lower Upper

122 100

105 117.6 101.1 141.1

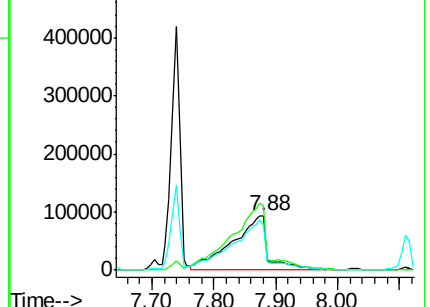
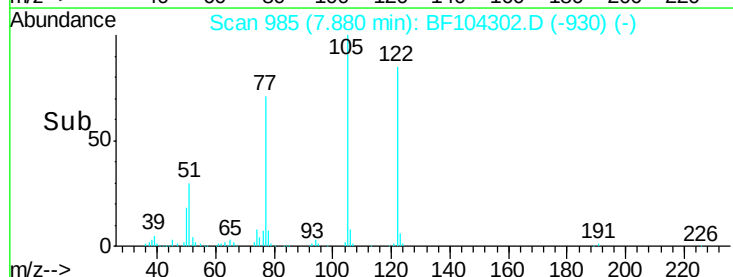
77 84.1 70.7 110.7

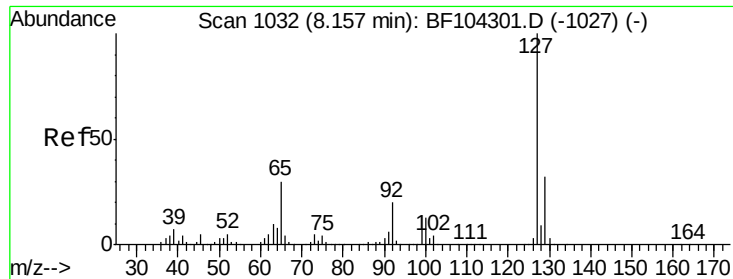


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

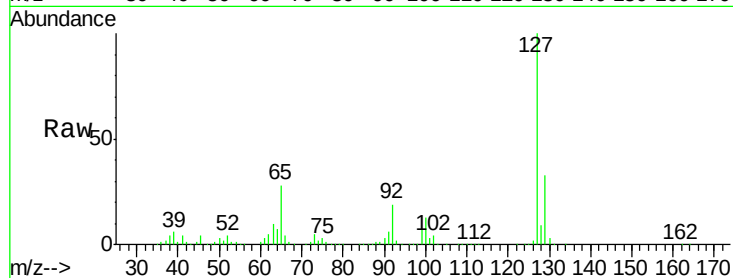




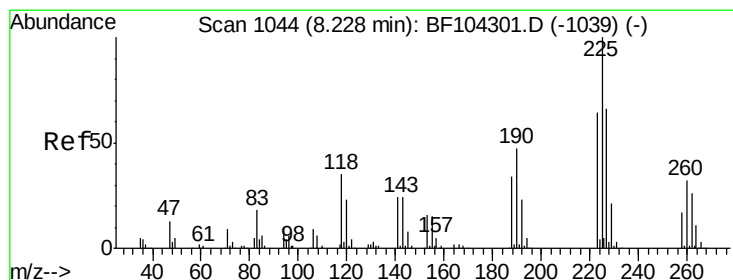
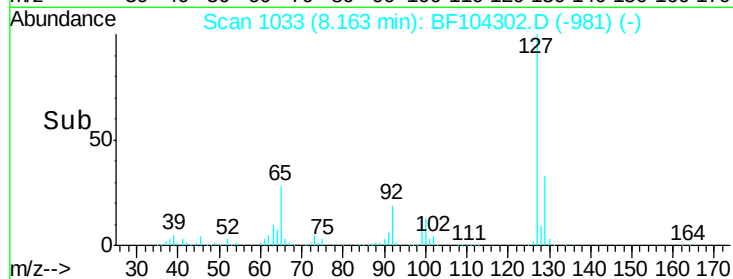
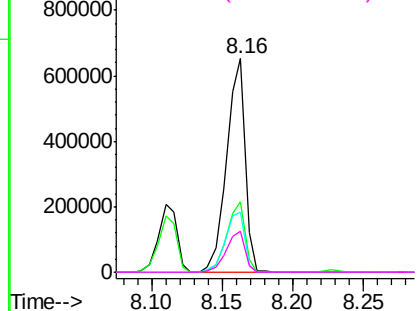
#33
4-Chloroaniline
Concen: 48.972 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	593304
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.1	25.0	37.4
92	19.1	15.2	22.8

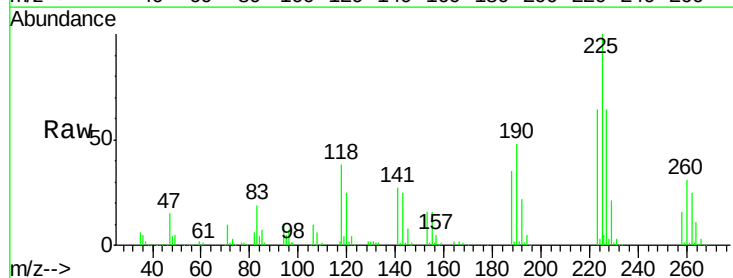


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

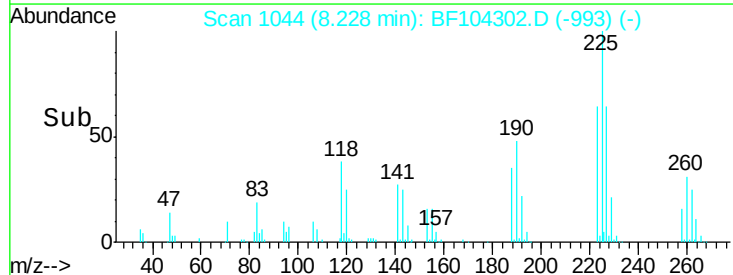
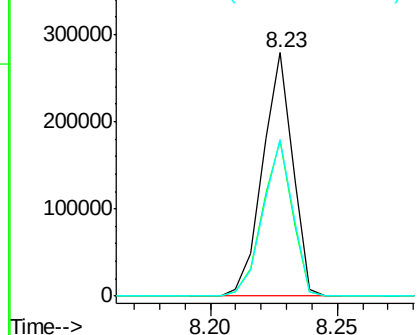


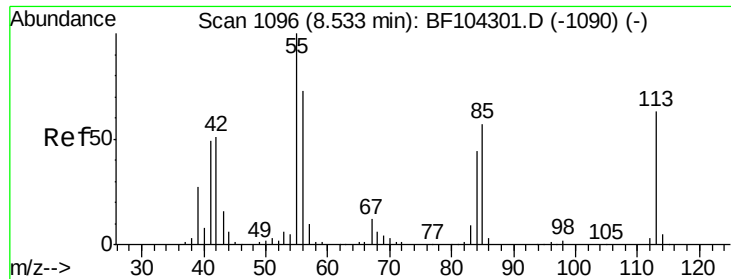
#34
Hexachlorobutadiene
Concen: 46.979 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:	225	Resp:	230826
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.1	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

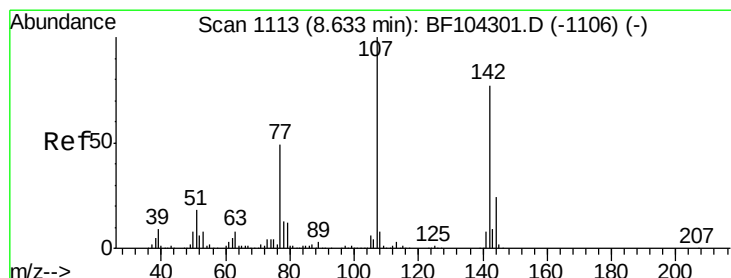
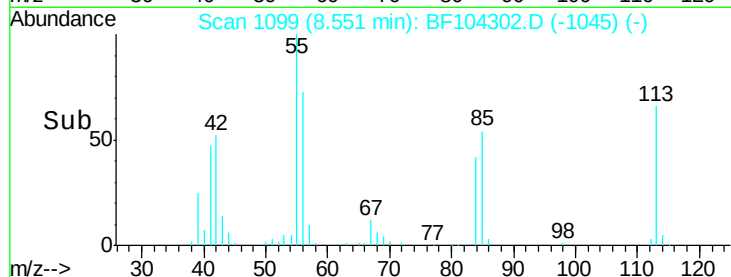
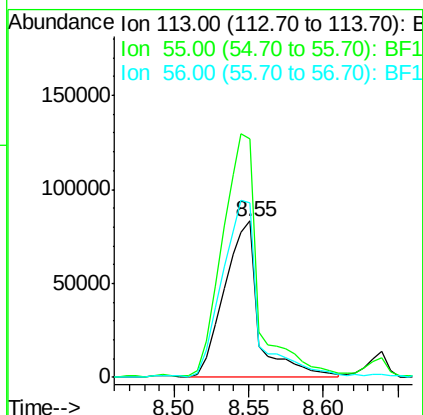
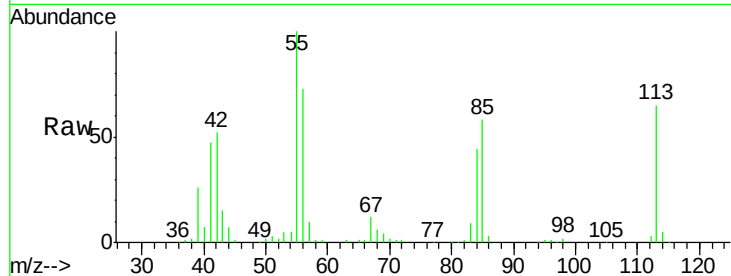




#35
 Caprolactam
 Concen: 53.166 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

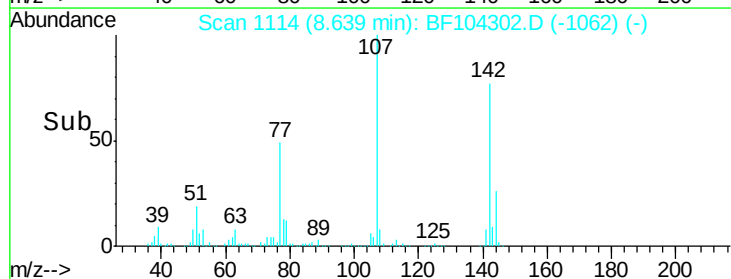
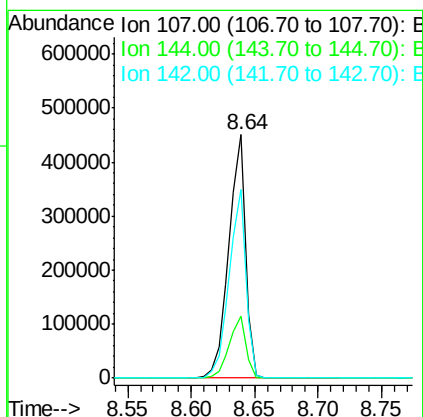
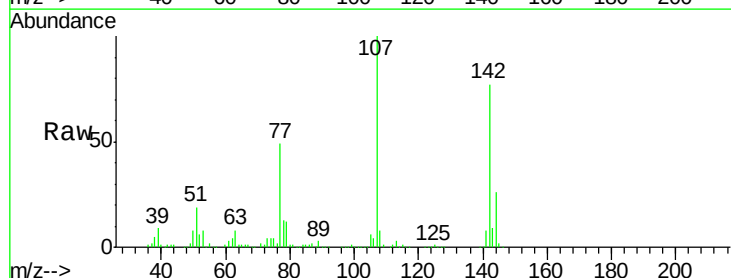
Instrument :
 BNA_F
 ClientSampleId :

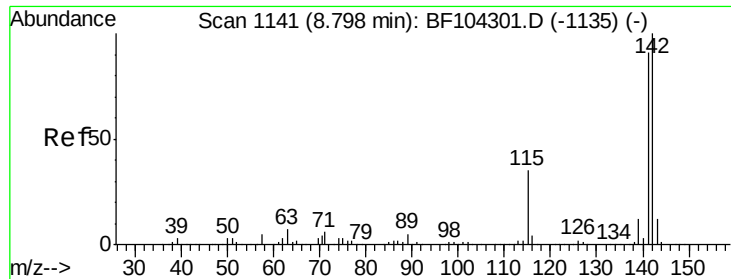
Tot Ion:113 Resp: 134151
 Ion Ratio Lower Upper
 113 100
 55 152.7 163.3 203.3#
 56 111.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 49.264 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:107 Resp: 414657
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 77.2 62.0 93.0

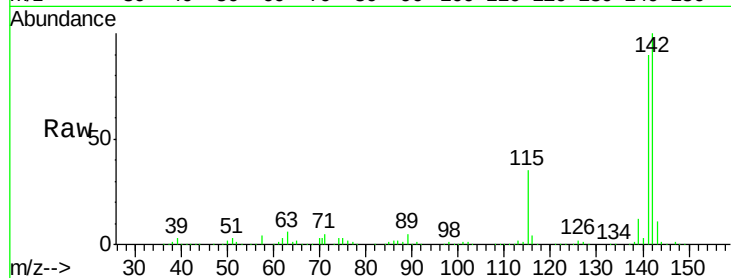




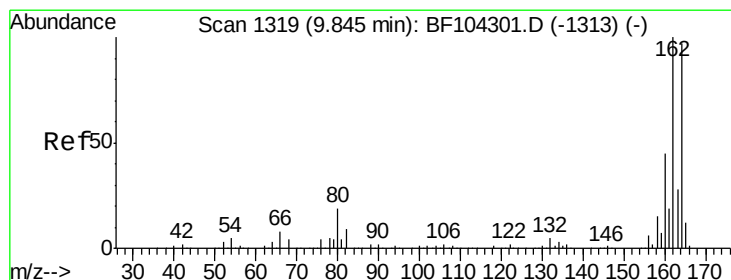
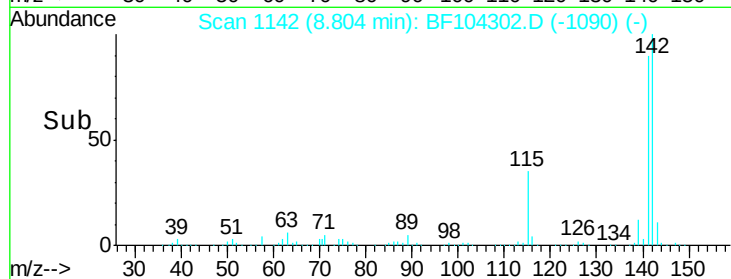
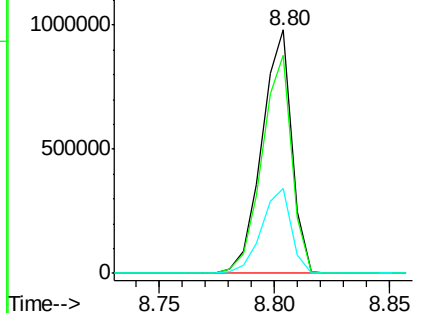
#37
 2-Methylnaphthalene
 Concen: 46.780 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	142	Resp:	885512
Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.8	26.1	39.1

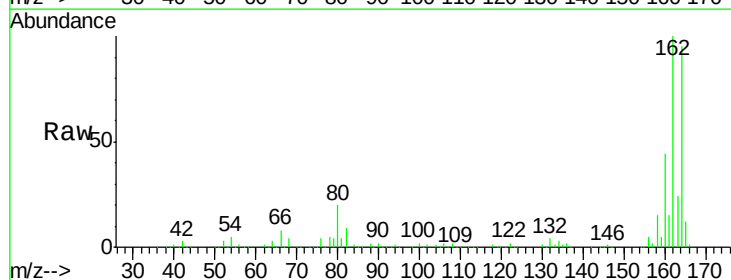


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

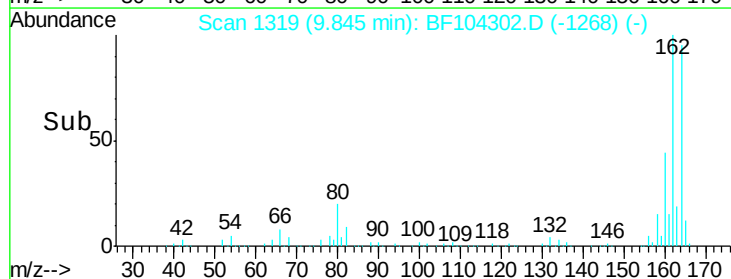
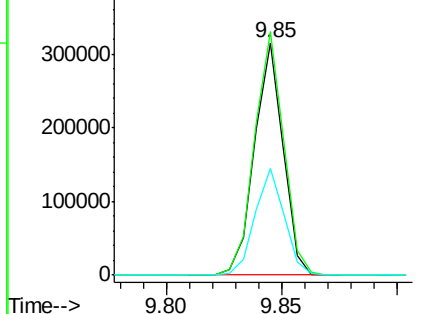


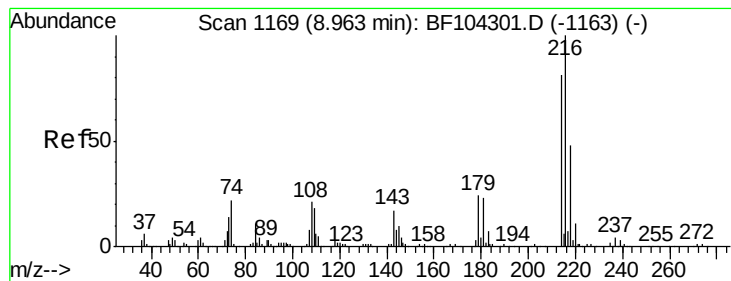
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:	164	Resp:	273030
Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.241 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 370410

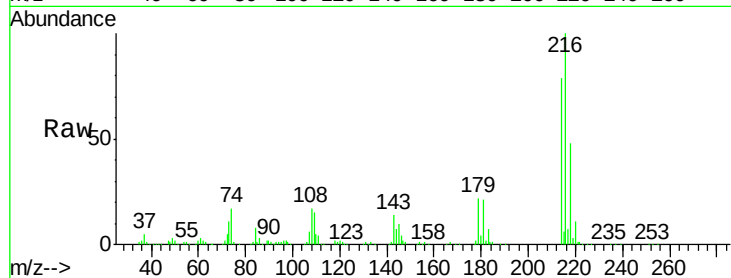
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.6 18.1 27.1

108 22.3 17.2 25.8

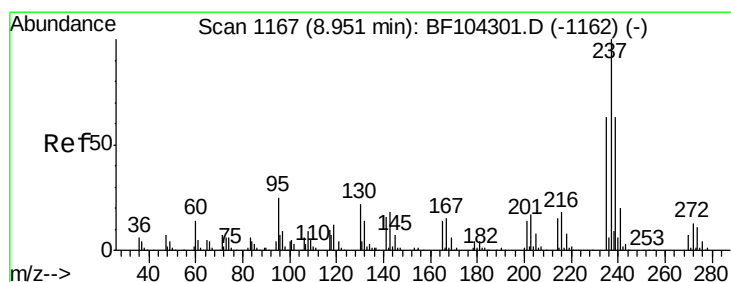
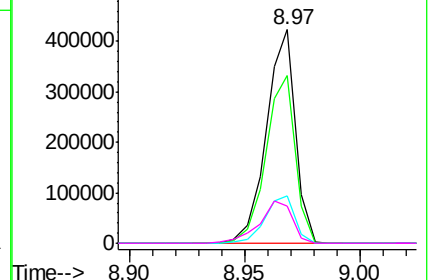
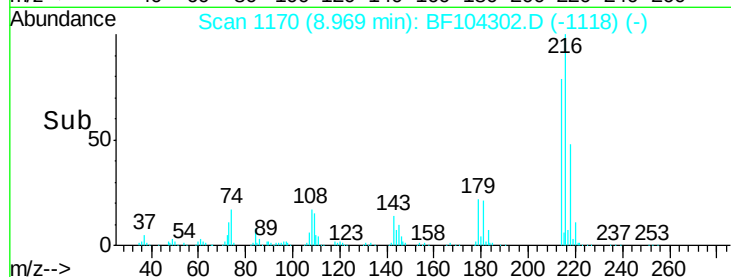


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.170 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

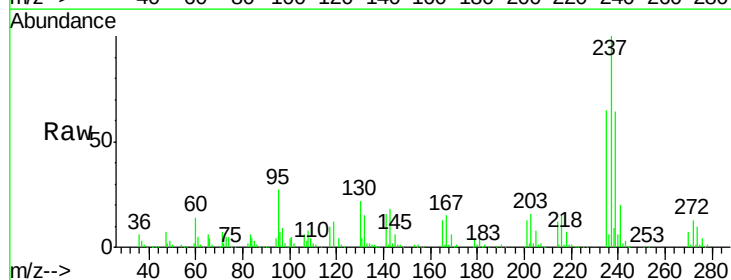
Tgt Ion:237 Resp: 221334

Ion Ratio Lower Upper

237 100

235 64.7 44.8 84.8

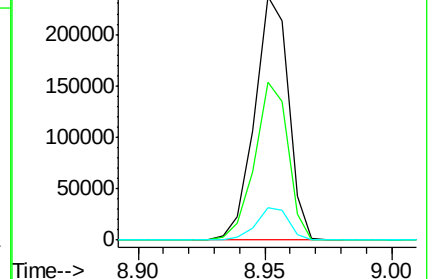
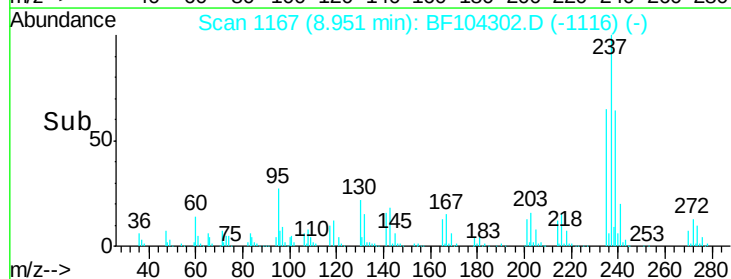
272 13.1 0.0 33.3

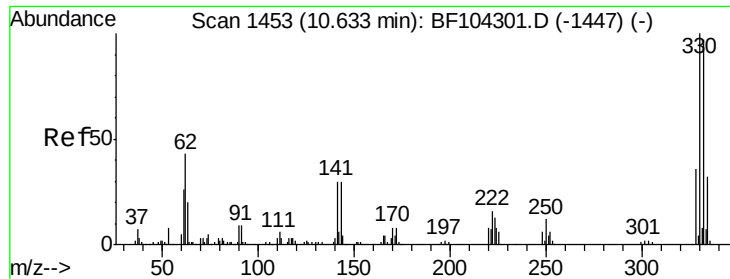


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

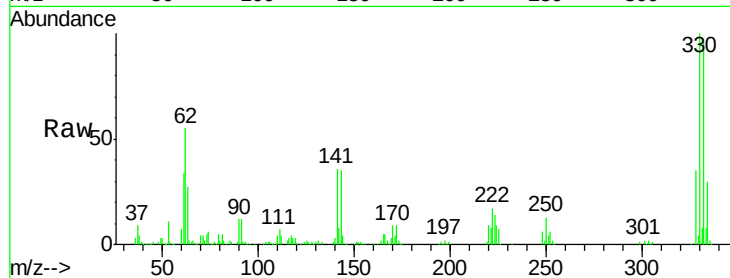




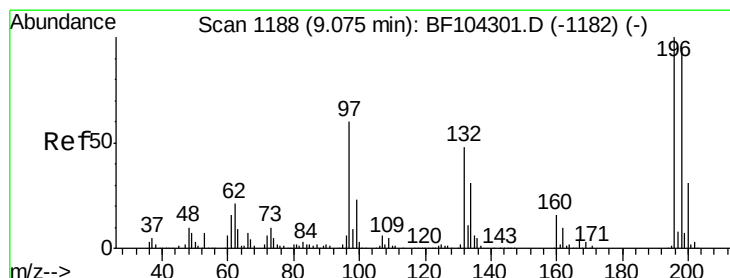
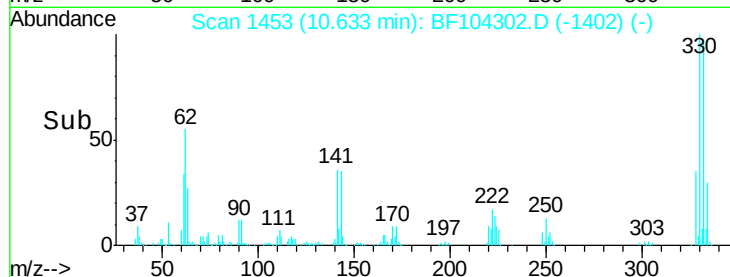
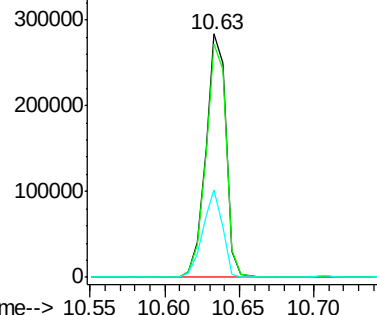
#41
 2,4,6-Tribromophenol
 Concen: 89.392 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141
Resp:	271768		
Ion Ratio	100	96.6	35.1
Lower		77.0	29.9
Upper		115.6	44.9

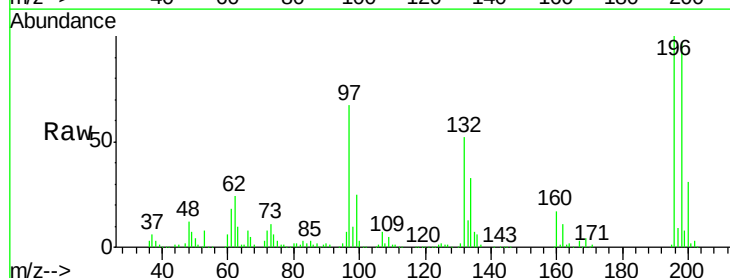


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

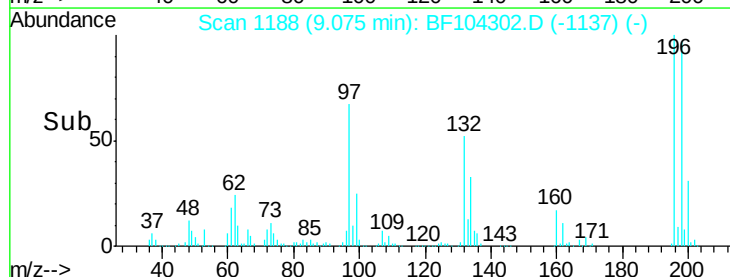
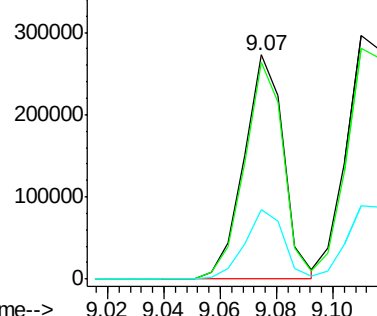


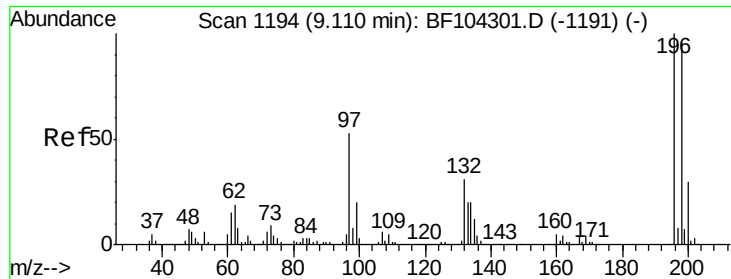
#42
 2,4,6-Trichlorophenol
 Concen: 49.958 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion	196	198	200
Resp:	264860		
Ion Ratio	100	97.0	31.2
Lower		75.7	24.5
Upper		113.5	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

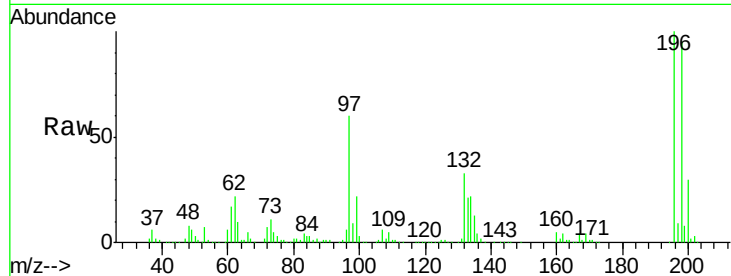




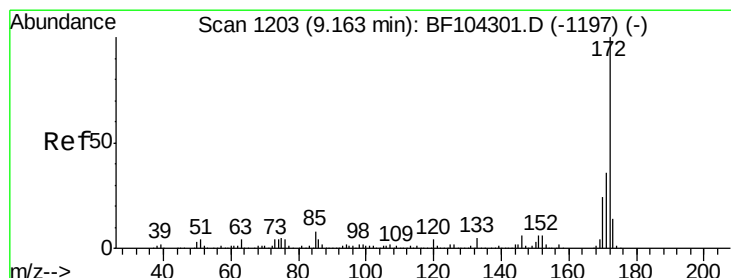
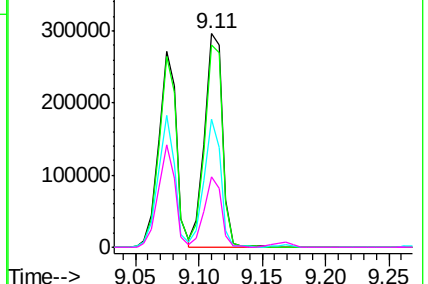
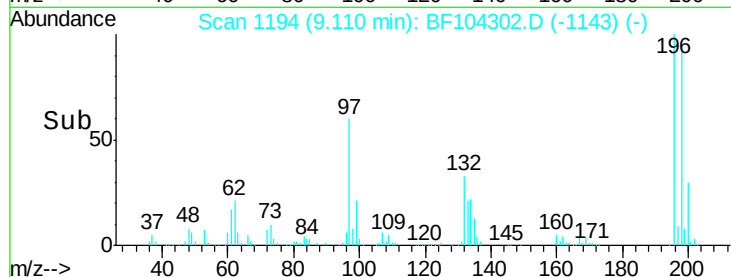
#43
 2,4,5-Trichlorophenol
 Concen: 46.131 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	295300
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	60.2	42.9	64.3
132	32.9	26.3	39.5

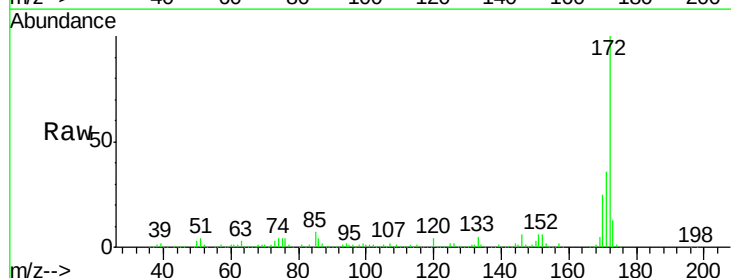


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

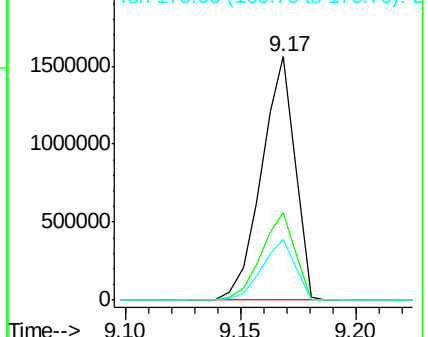
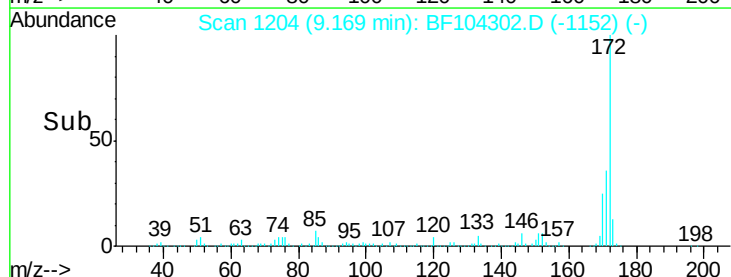


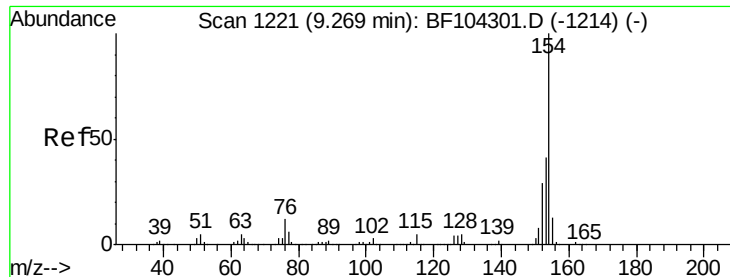
#44
 2-Fluorobiphenyl
 Concen: 90.546 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:	172	Resp:	1567730
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	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

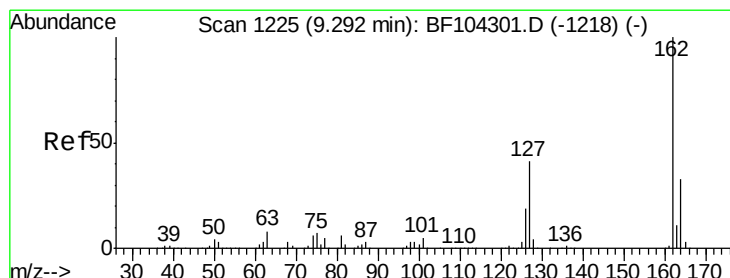
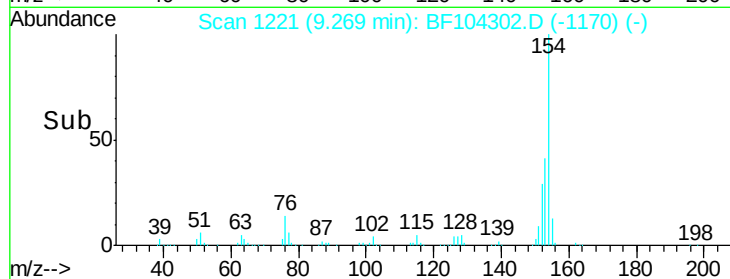
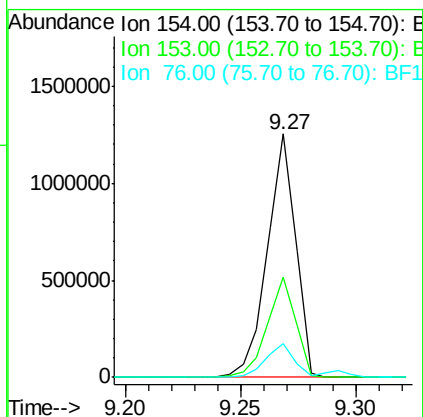
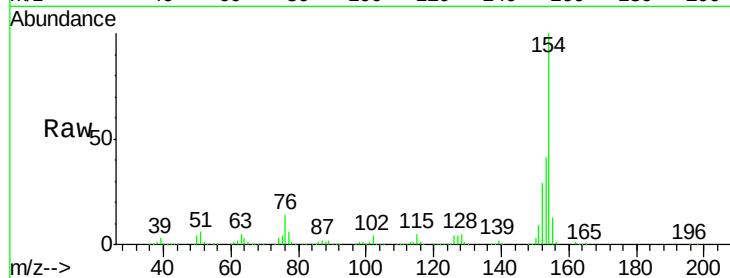




#45
 1,1'-Biphenyl
 Concen: 45.489 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

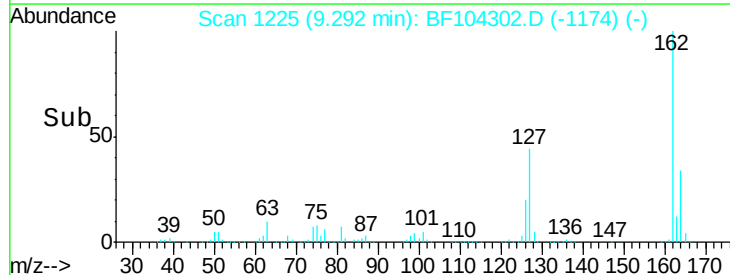
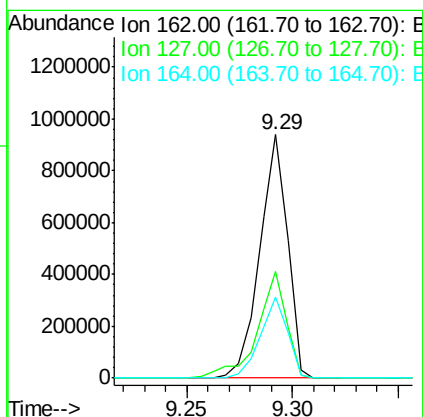
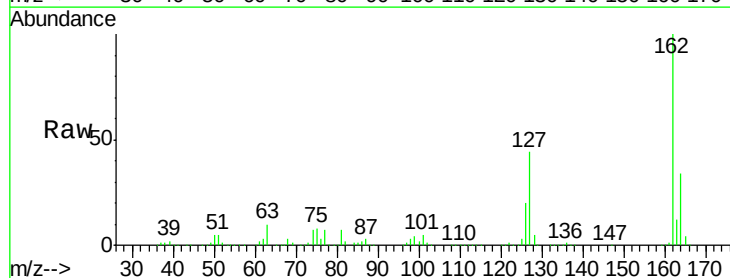
Instrument :
 BNA_F
 ClientSampleId :

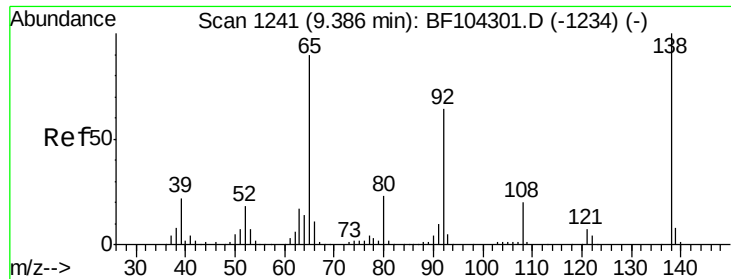
Tot Ion:154 Resp: 1065953
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.9 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 46.220 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:162 Resp: 854353
 Ion Ratio Lower Upper
 162 100
 127 43.6 33.9 50.9
 164 33.5 26.5 39.7

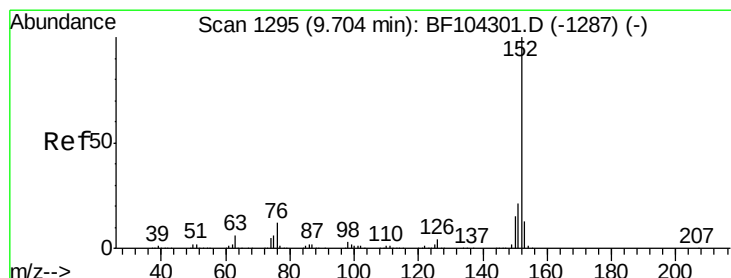
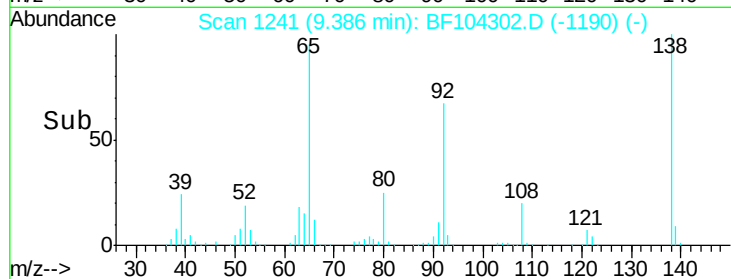
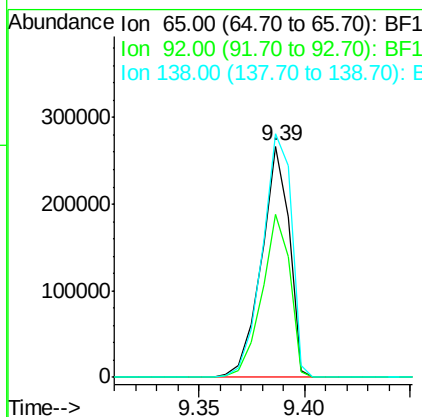
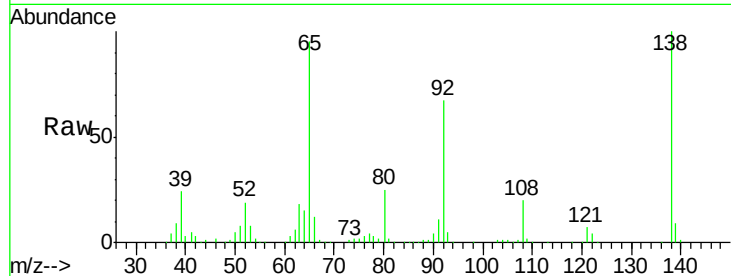




#47
 2-Nitroaniline
 Concen: 46.539 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

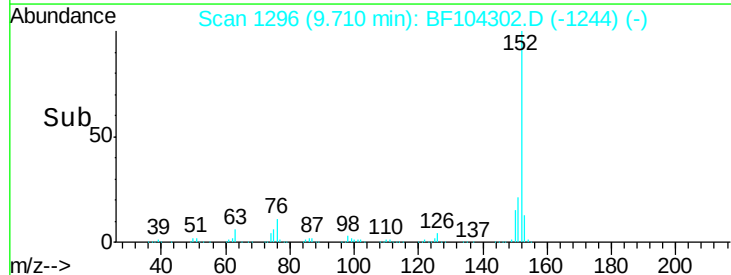
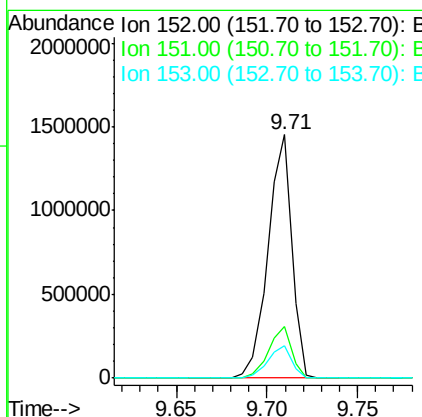
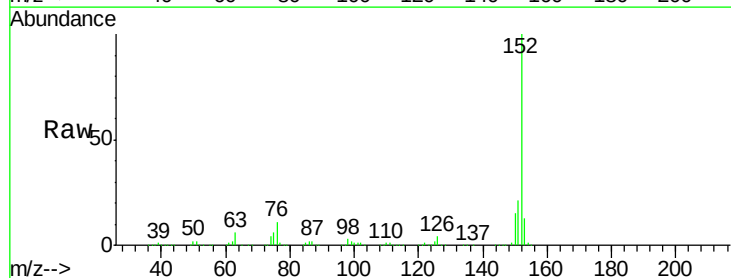
Instrument :
 BNA_F
 ClientSampleId :

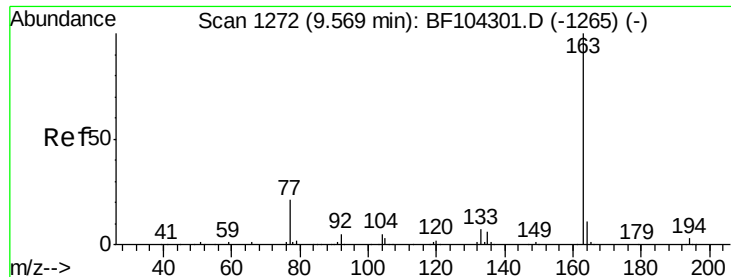
Tot Ion: 65 Resp: 245298
 Ion Ratio Lower Upper
 65 100
 92 70.5 55.8 83.6
 138 105.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 47.293 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:152 Resp: 1324372
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.5 10.7 16.1

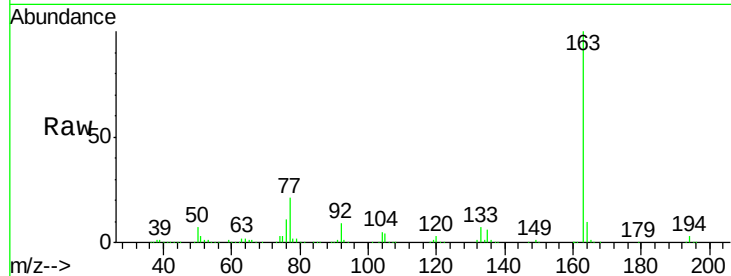




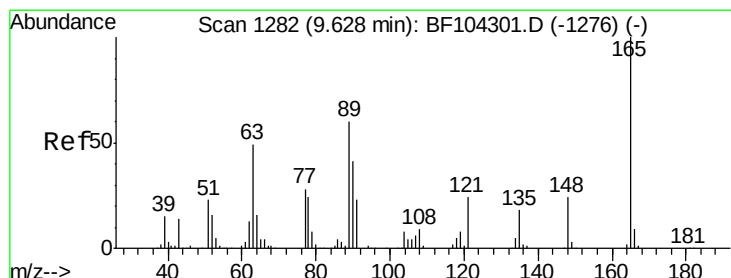
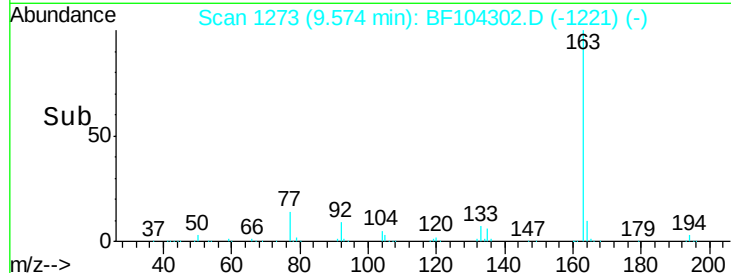
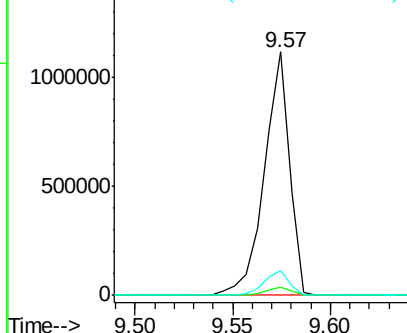
#49
Dimethylphthalate
Concen: 46.266 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 997328
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

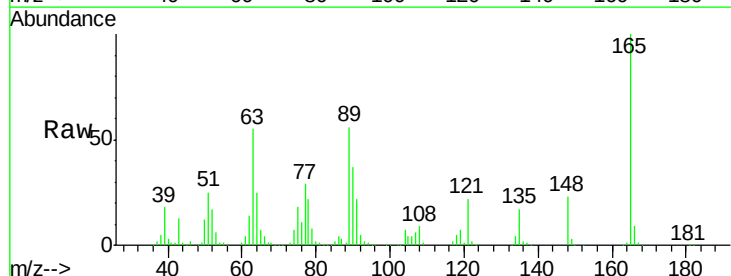


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

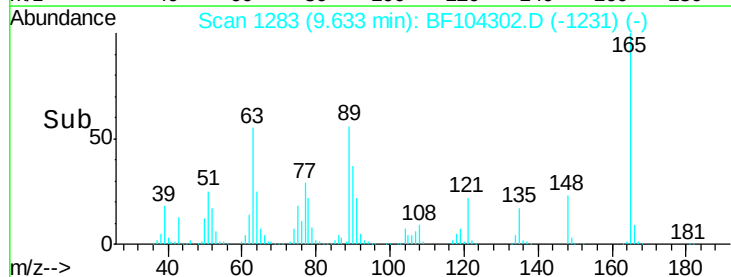
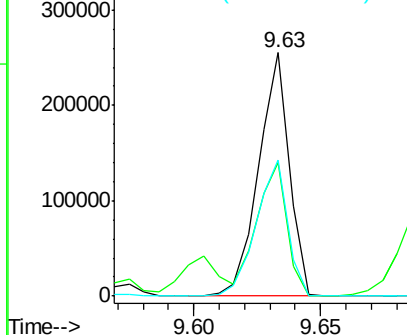


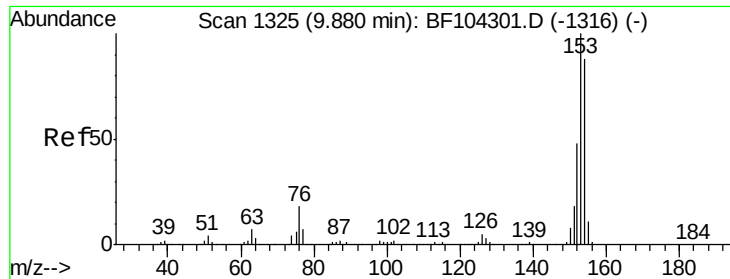
#50
2,6-Dinitrotoluene
Concen: 46.382 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:165 Resp: 215106
Ion Ratio Lower Upper
165 100
63 54.7 44.7 67.1
89 55.8 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: 50.291 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

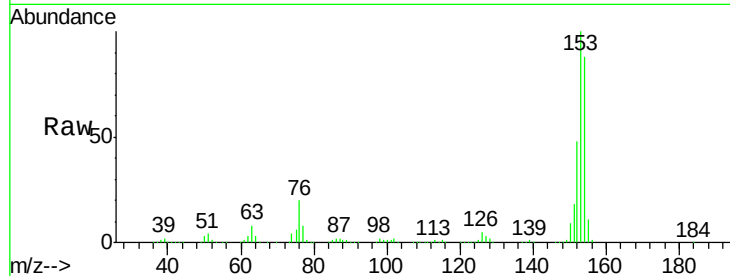
Tot Ion:154 Resp: 814702

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

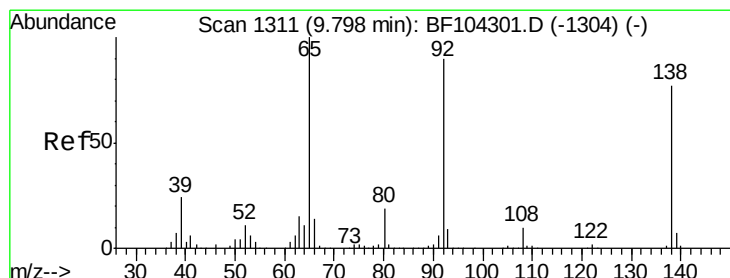
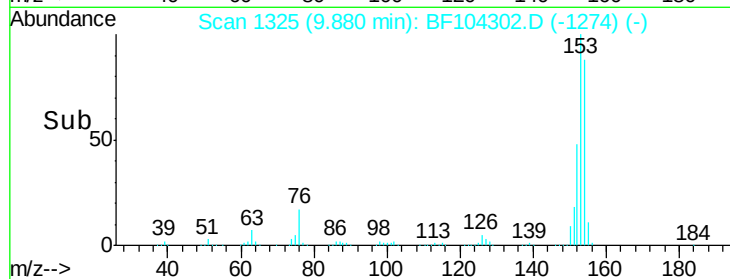
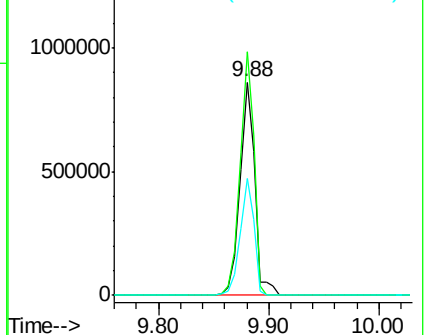
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.654 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

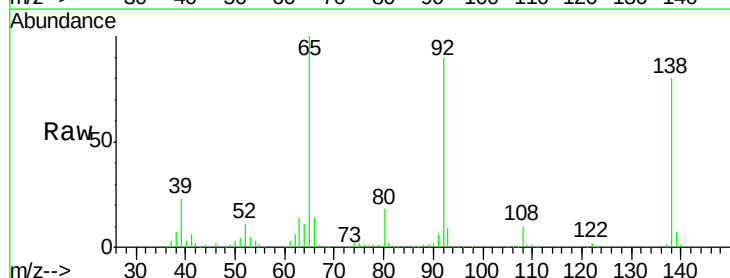
Tgt Ion:138 Resp: 248724

Ion Ratio Lower Upper

138 100

108 12.1 9.4 14.0

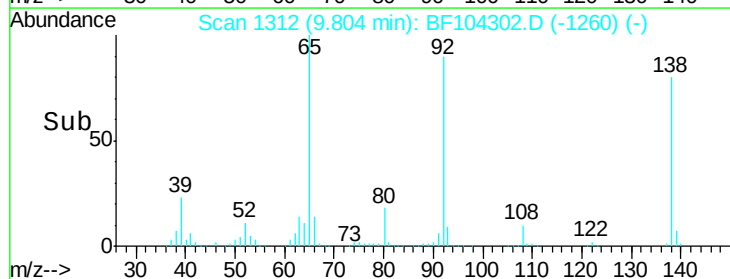
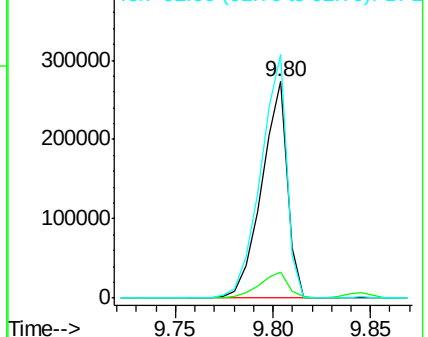
92 112.5 89.4 134.2

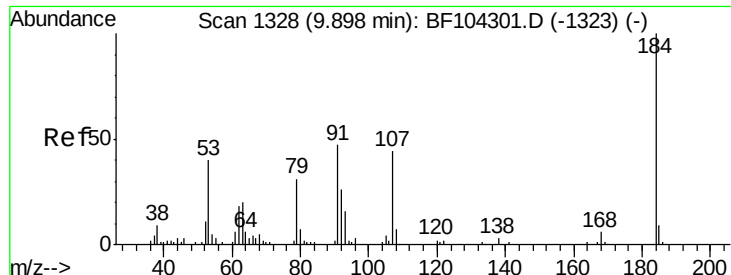


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

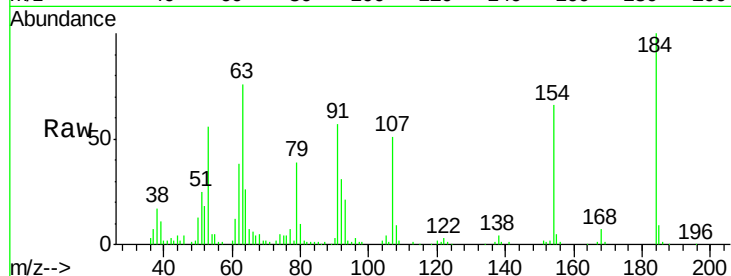




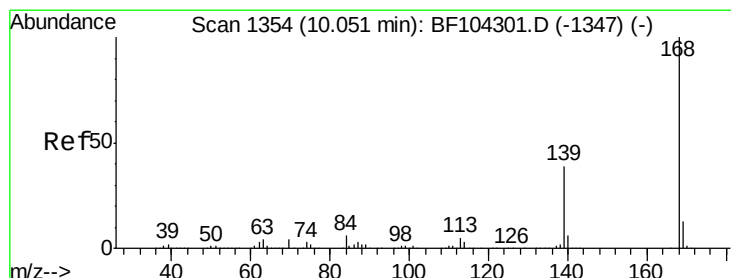
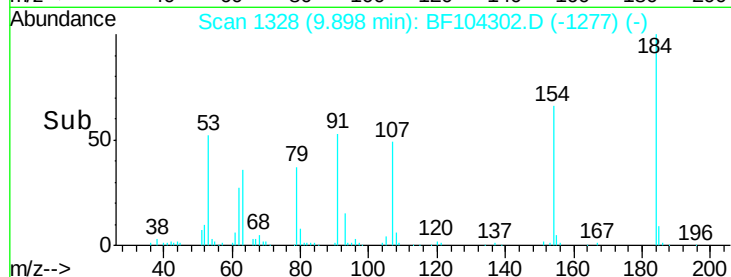
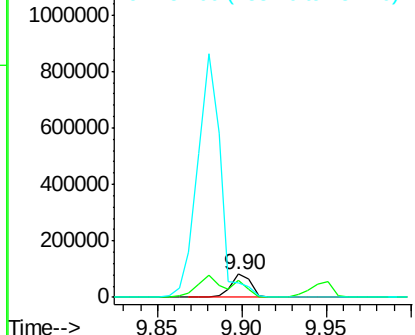
#53
2,4-Dinitrophenol
Concen: 38.364 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 67282
Ion Ratio Lower Upper
184 100
63 75.8 54.2 81.2
154 65.6 184.0 276.0#

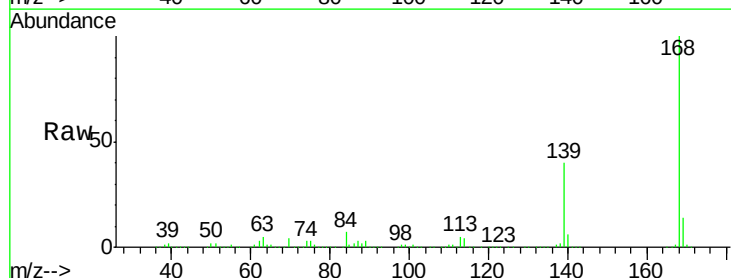


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

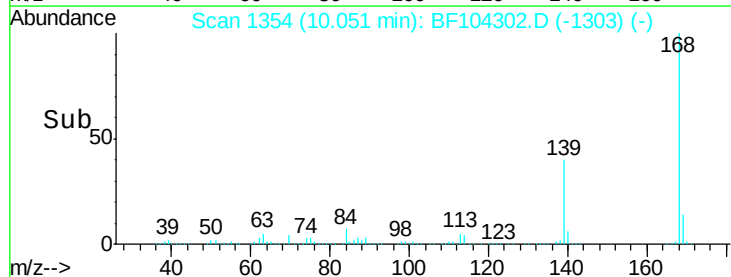
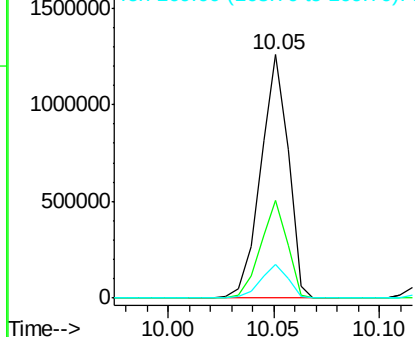


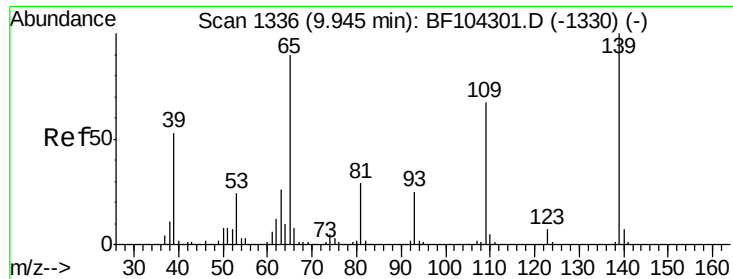
#54
Dibenzofuran
Concen: 48.091 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:168 Resp: 1137668
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.7 10.9 16.3



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

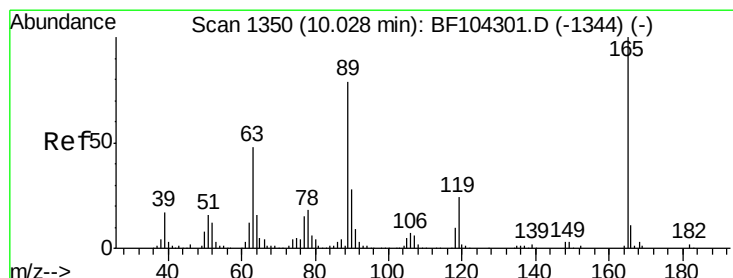
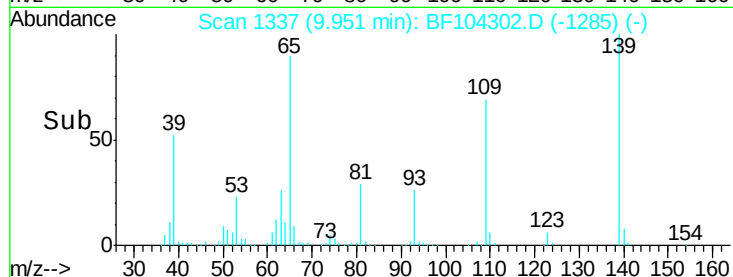
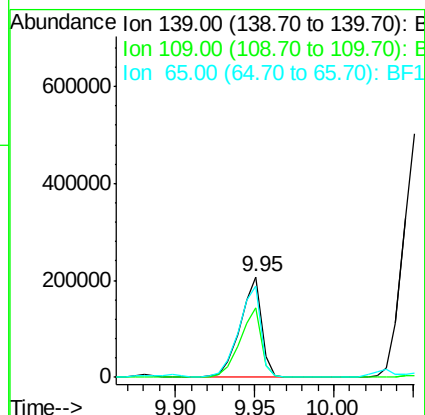
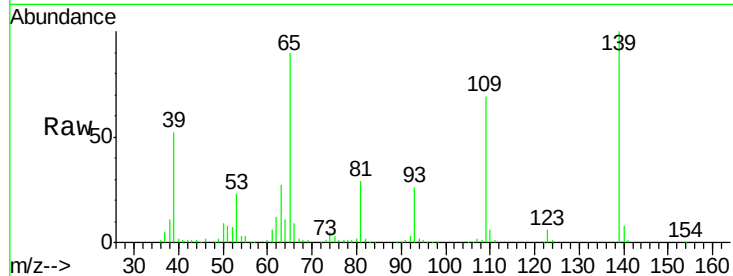




#55
4-Nitrophenol
Concen: 60.742 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

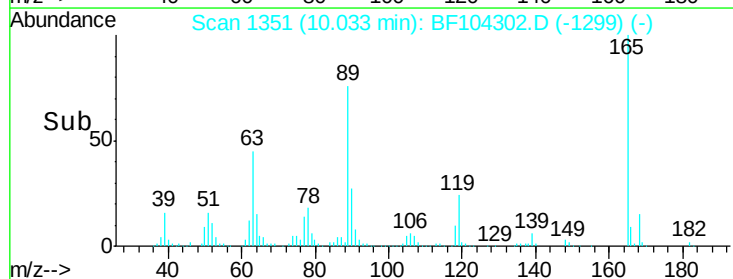
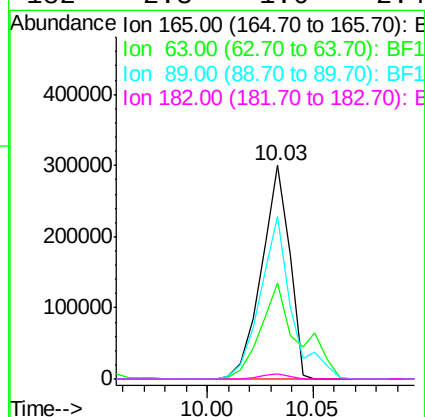
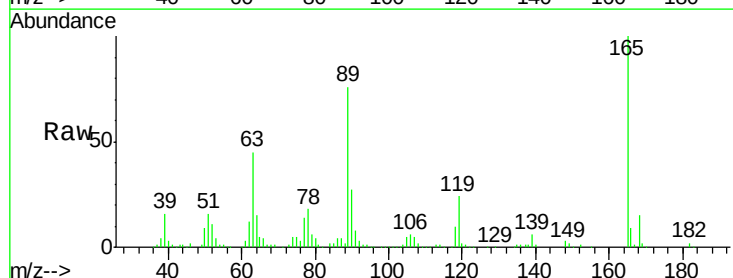
Instrument :
BNA_F
ClientSampleId :

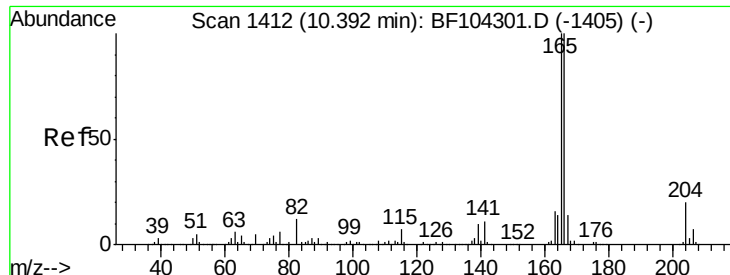
Tot Ion:139 Resp: 194169
Ion Ratio Lower Upper
139 100
109 69.1 48.4 88.4
65 90.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.715 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:165 Resp: 276452
Ion Ratio Lower Upper
165 100
63 45.0 36.4 54.6
89 76.1 57.8 86.6
182 2.3 1.6 2.4

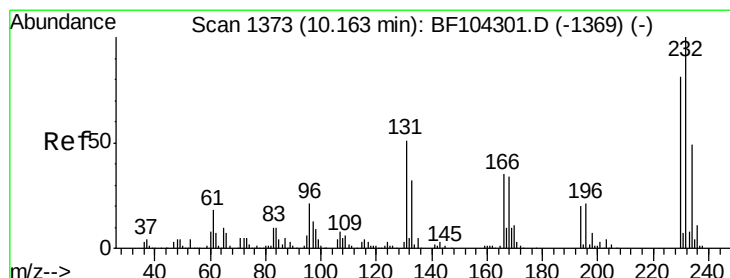
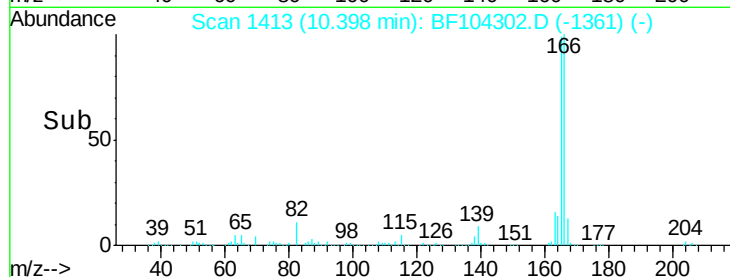
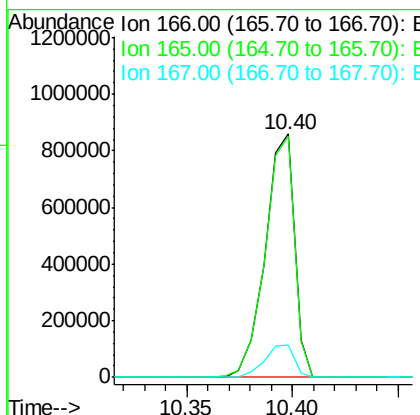
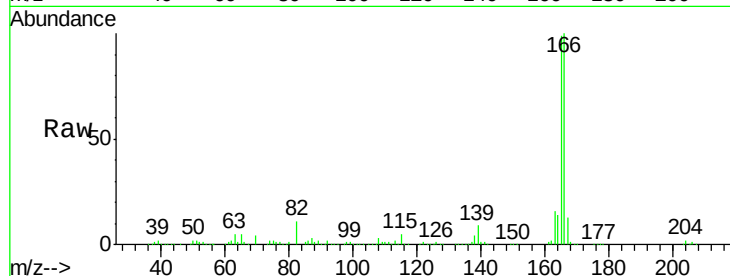




#57
 Fluorene
 Concen: 42.354 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

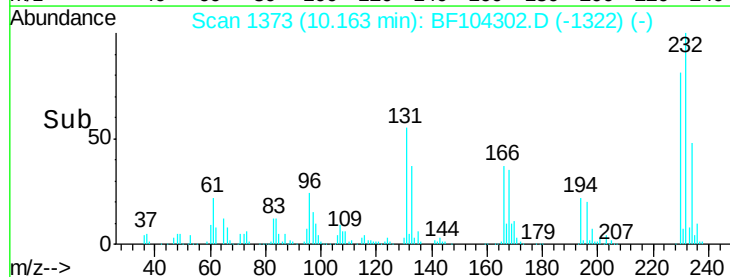
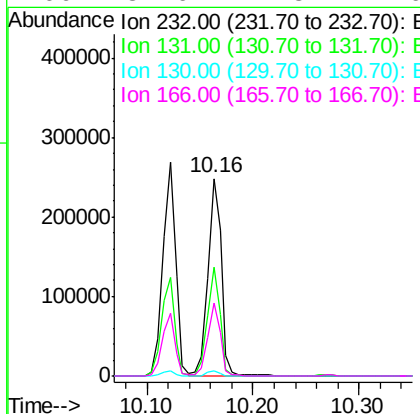
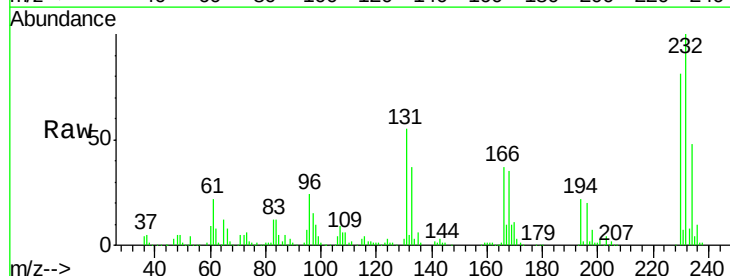
Instrument :
 BNA_F
 ClientSampleId :

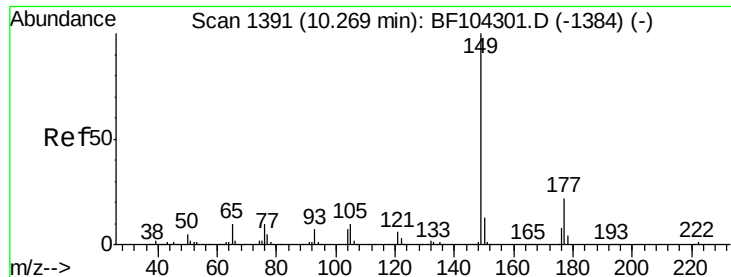
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.020 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.7	43.8	65.8
130	2.5	2.1	3.1
166	34.6	27.8	41.6





#59

Diethylphthalate

Concen: 48.576 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

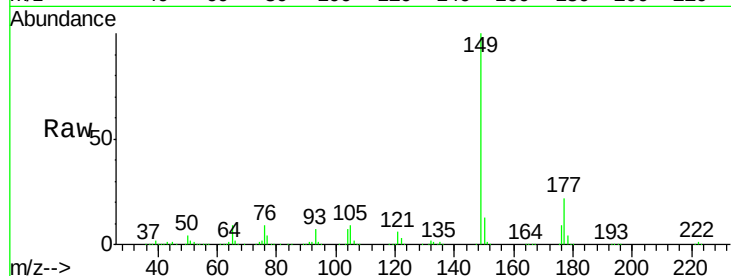
Tot Ion:149 Resp: 1003144

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

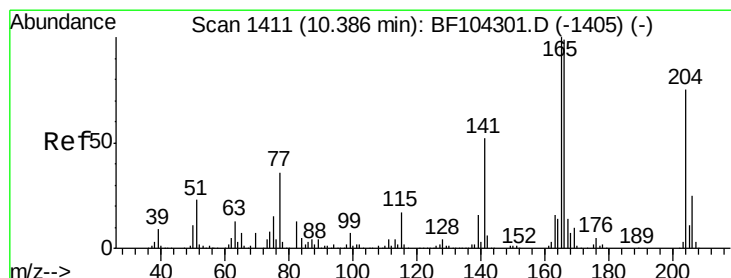
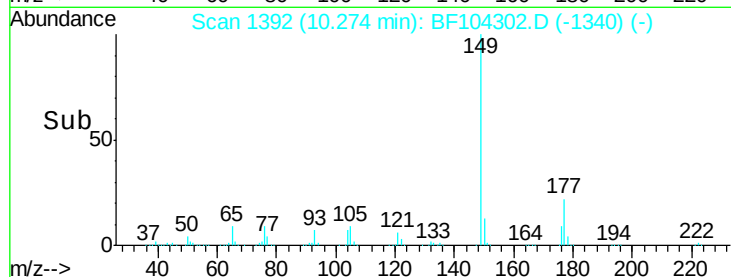
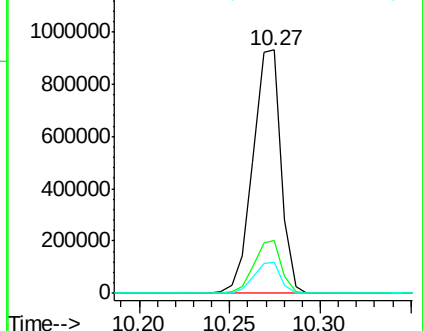
150 12.5 10.1 15.1



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: 40.827 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

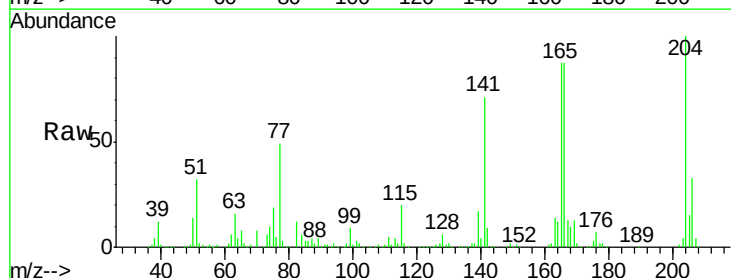
Tgt Ion:204 Resp: 365919

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

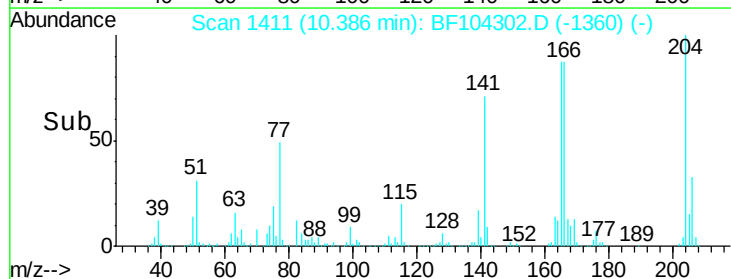
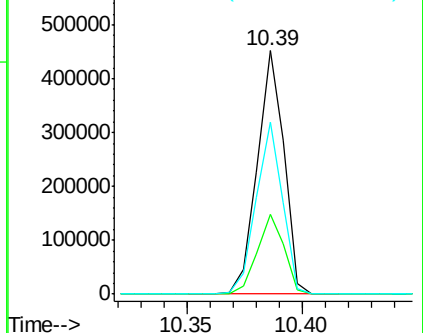
141 70.8 54.6 81.8

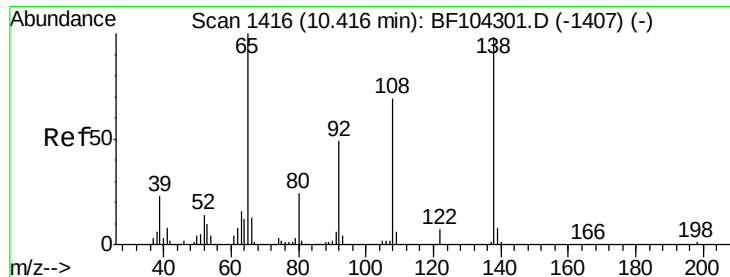


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

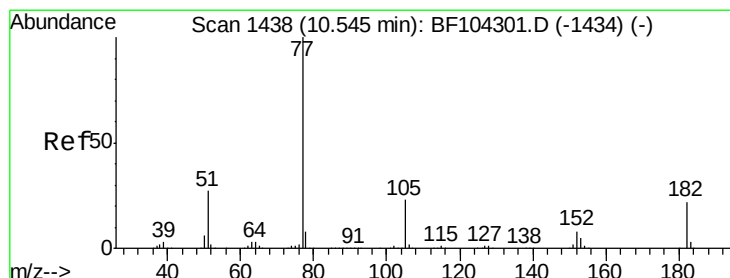
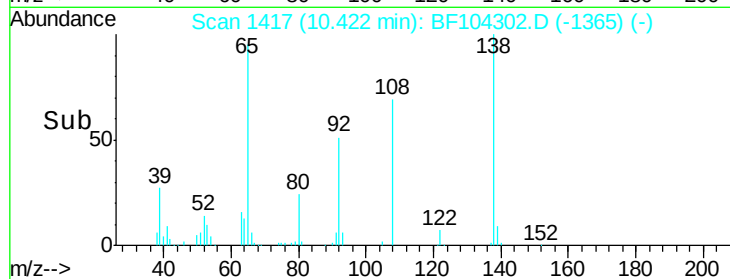
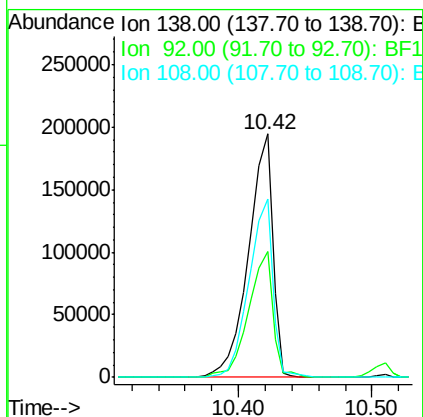
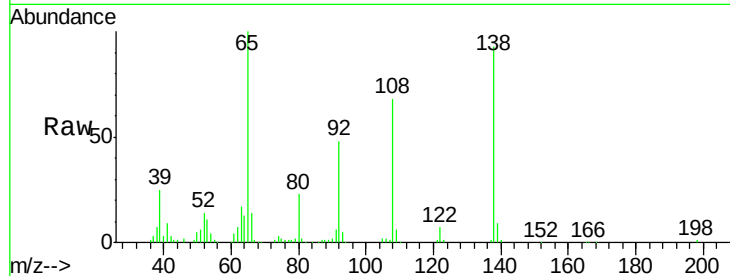




#61
4-Nitroaniline
Concen: 48.671 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

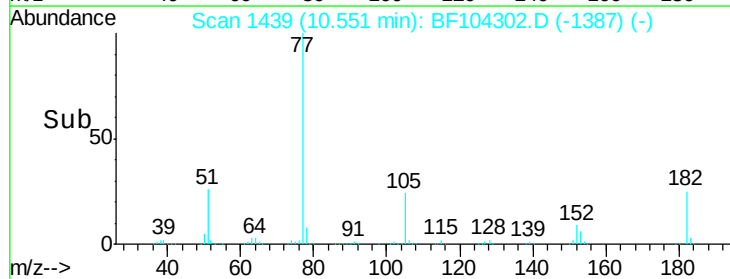
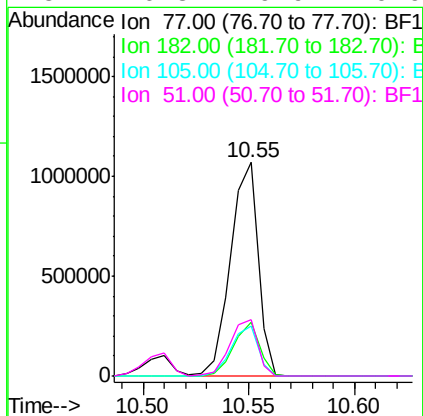
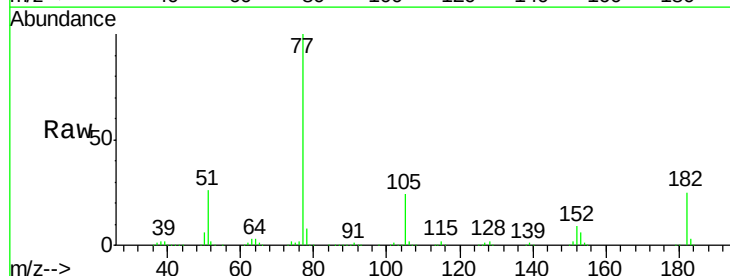
Instrument :
BNA_F
ClientSampled :

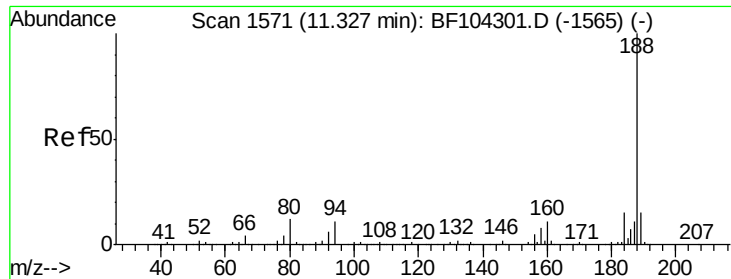
Tot Ion:138 Resp: 242793
Ion Ratio Lower Upper
138 100
92 51.5 30.2 70.2
108 73.1 52.5 92.5



#62
Azobenzene
Concen: 51.595 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion: 77 Resp: 963452
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 23.7 3.0 43.0
51 26.3 9.9 49.9

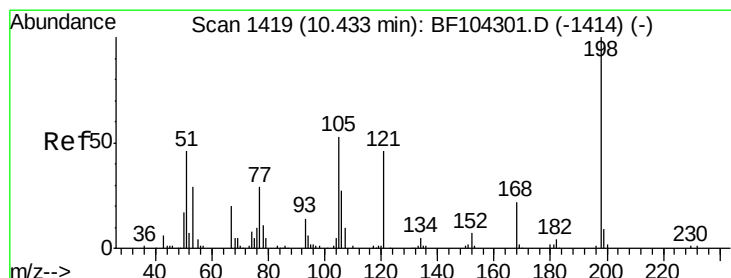
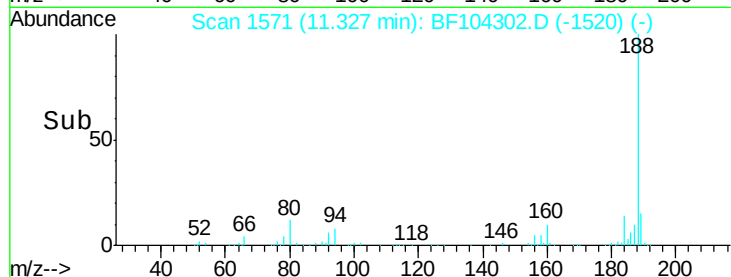
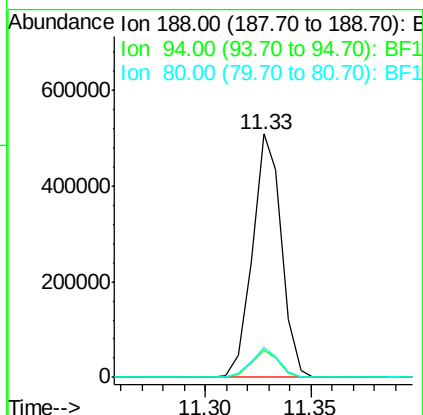
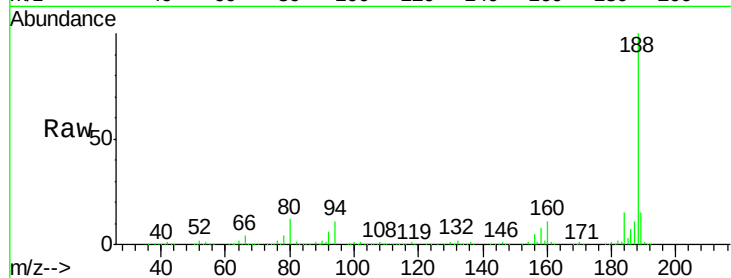




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

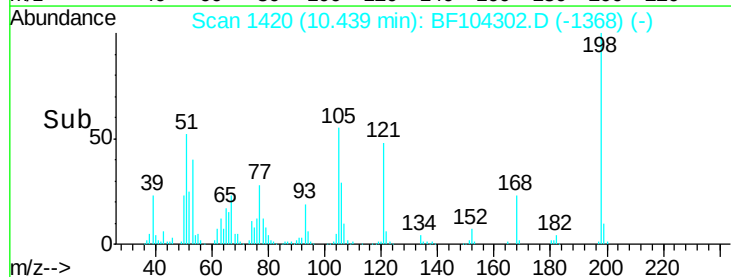
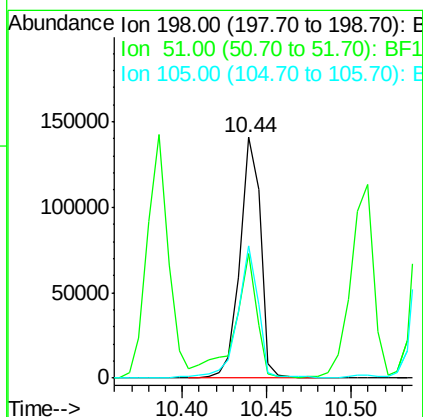
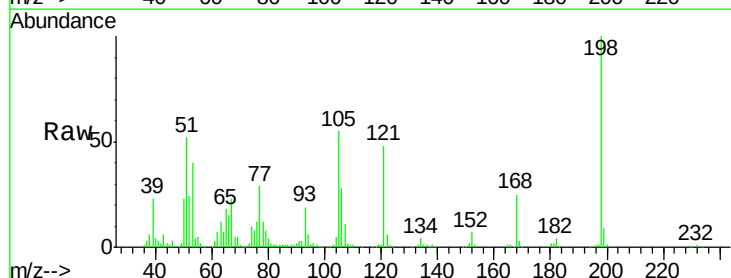
Instrument :
BNA_F
ClientSampleId :

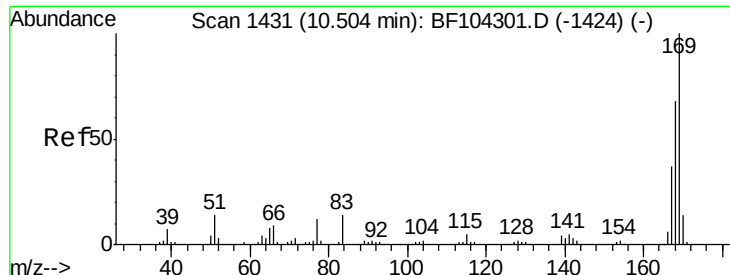
Tot Ion:188 Resp: 483294
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.900 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:198 Resp: 119653
Ion Ratio Lower Upper
198 100
51 51.9 37.7 77.7
105 54.7 36.3 76.3

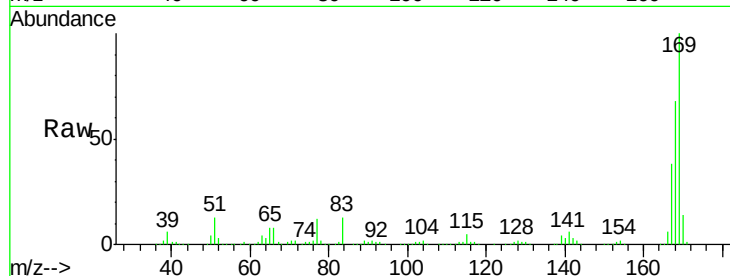




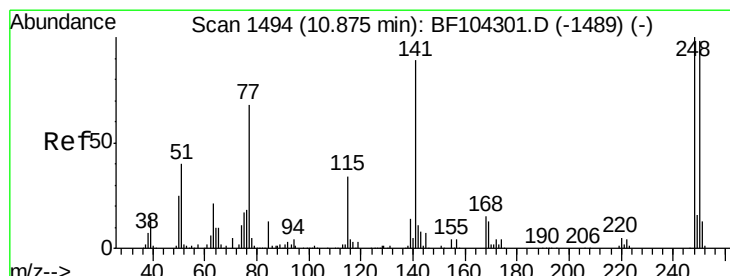
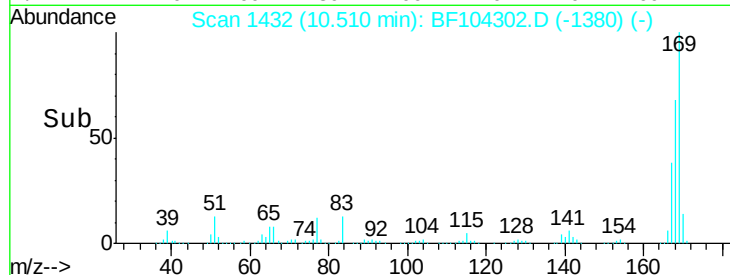
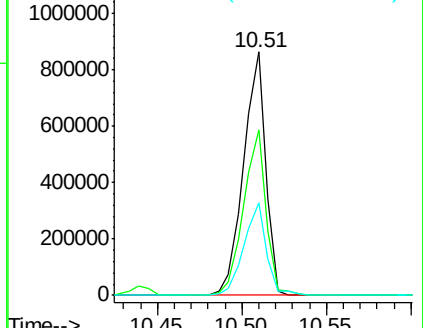
#65
 n-Nitrosodiphenylamine
 Concen: 48.583 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 795192
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 37.8 29.8 44.6

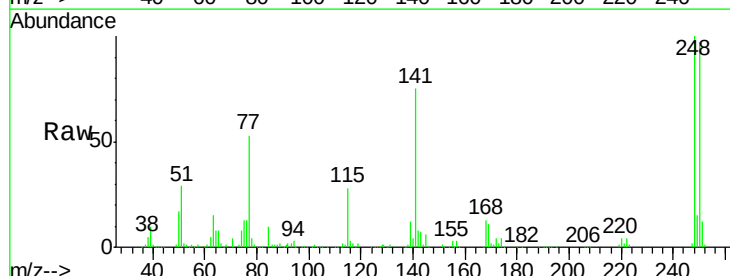


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

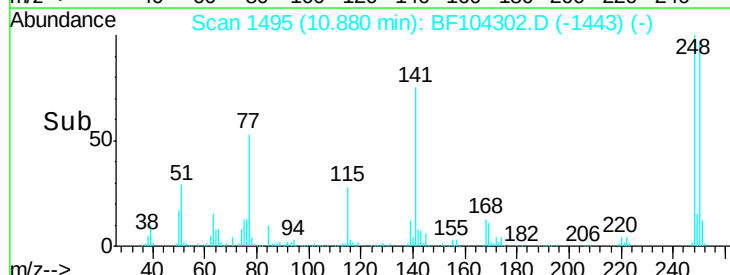
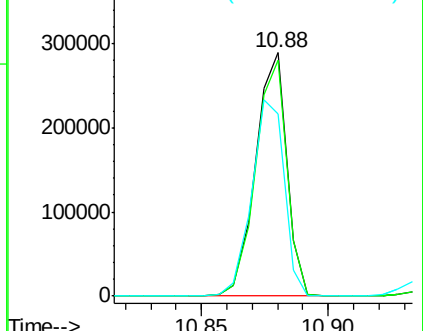


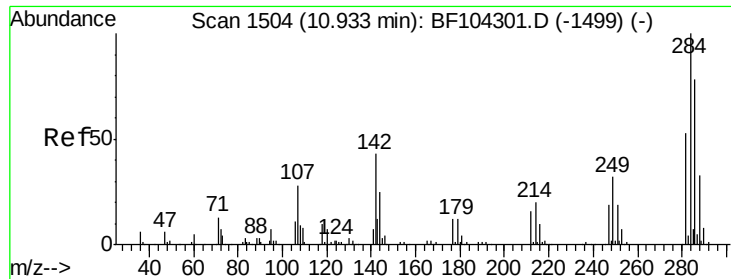
#66
 4-Bromophenyl-phenylether
 Concen: 48.039 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:248 Resp: 248390
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 74.7 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: 46.671 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

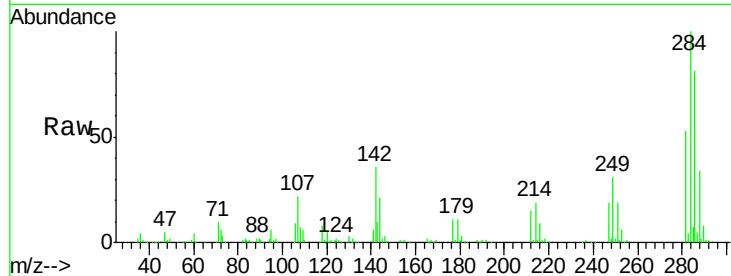
Tot Ion:284 Resp: 277587

Ion Ratio Lower Upper

284 100

142 36.2 34.6 52.0

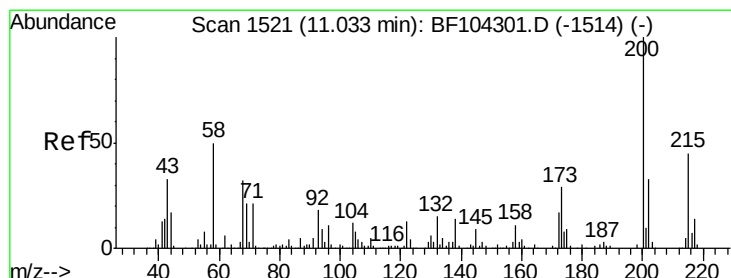
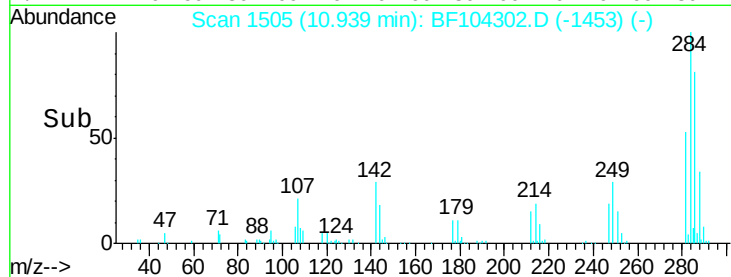
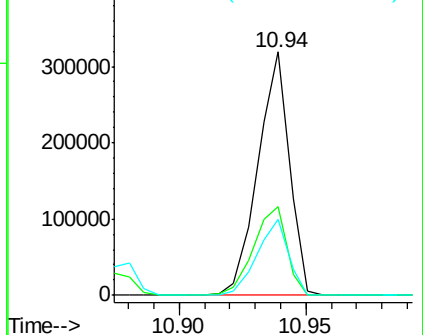
249 31.0 24.8 37.2



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: 47.518 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

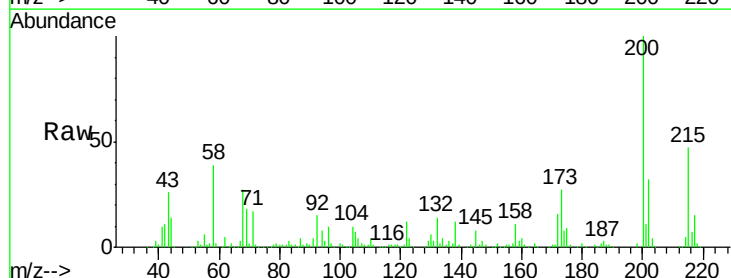
Tgt Ion:200 Resp: 238269

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

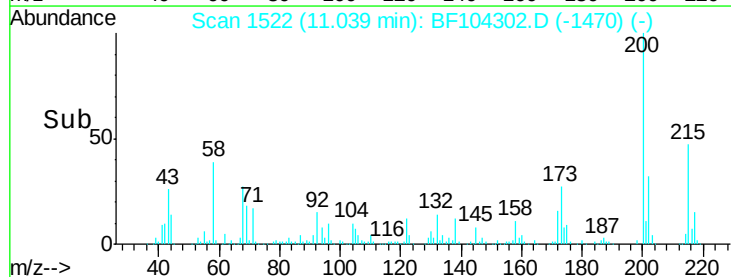
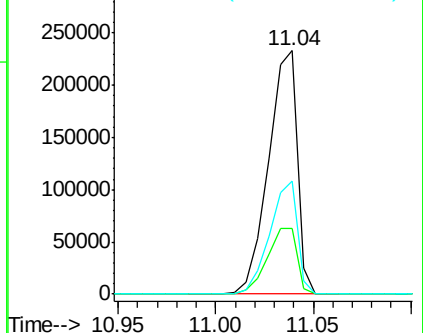
215 46.5 25.1 65.1

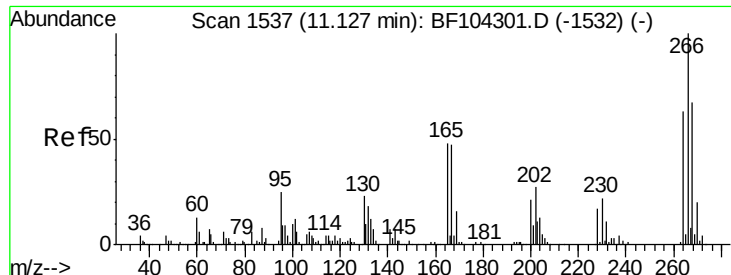


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

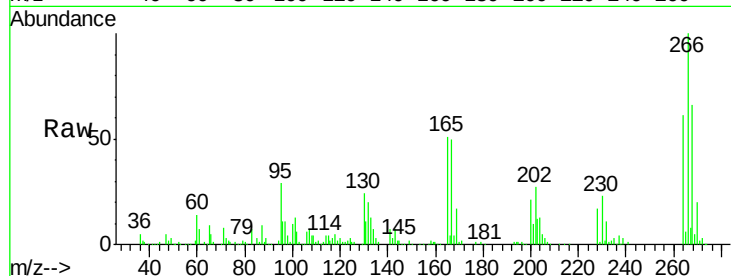




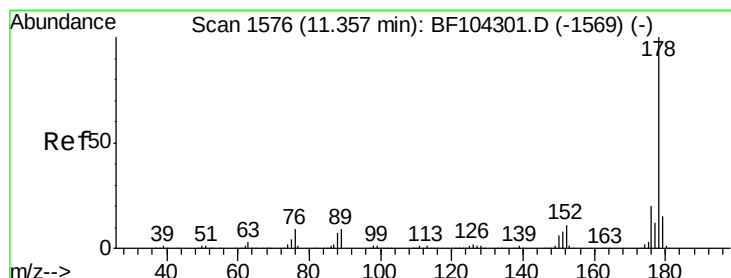
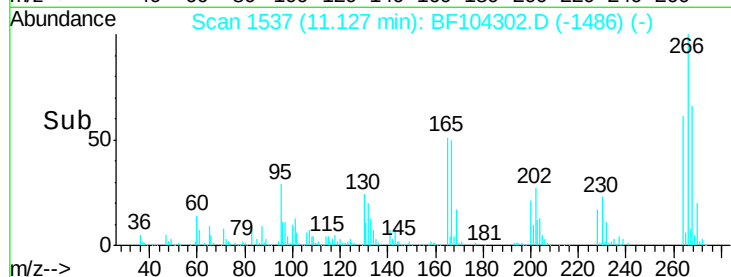
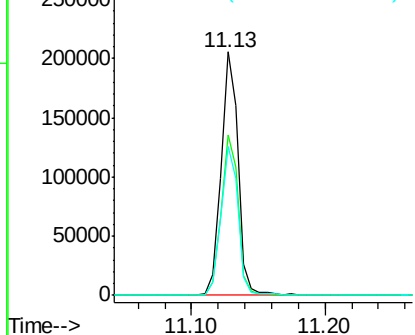
#69
 Pentachlorophenol
 Concen: 56.868 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 186123
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 61.1 49.5 74.3

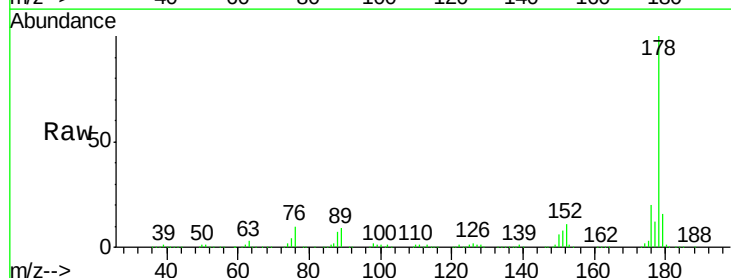


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

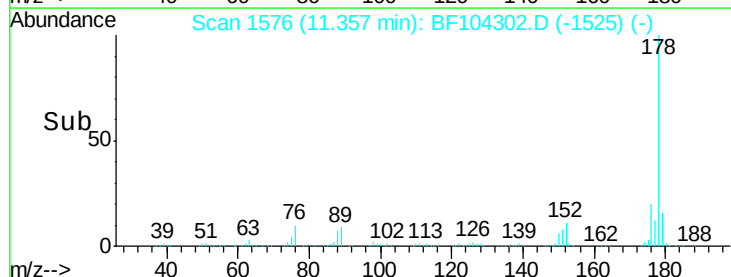
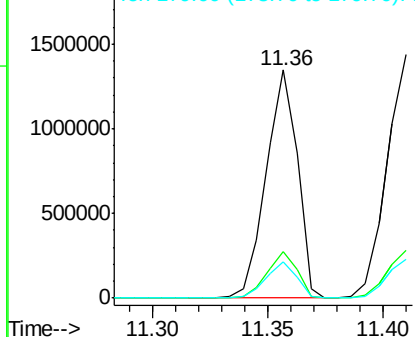


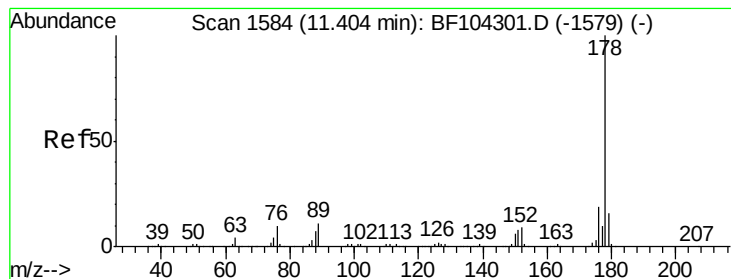
#70
 Phenanthrene
 Concen: 48.243 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:178 Resp: 1262338
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.8 13.0 19.6



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





#71

Anthracene

Concen: 46.716 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

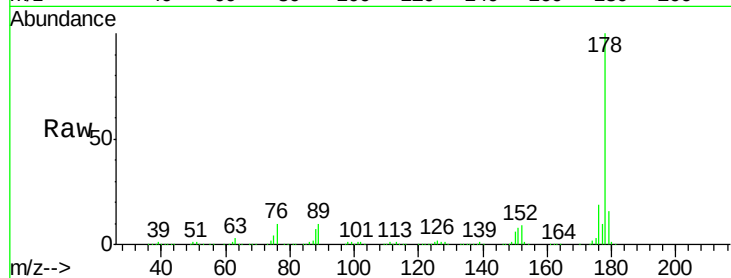
Tot Ion:178 Resp: 1276803

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

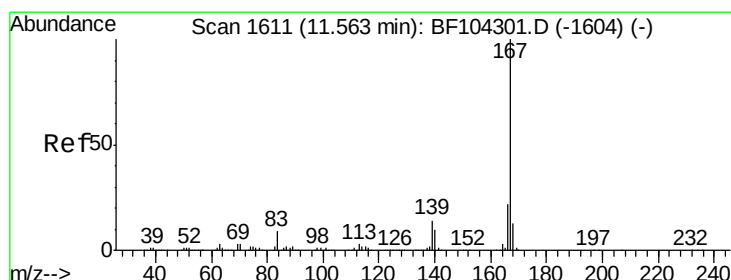
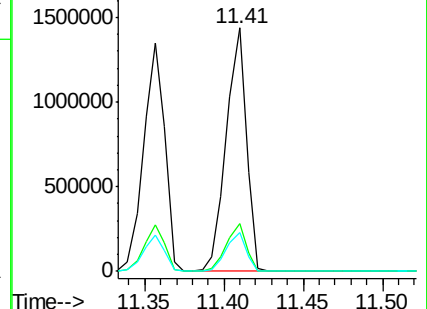
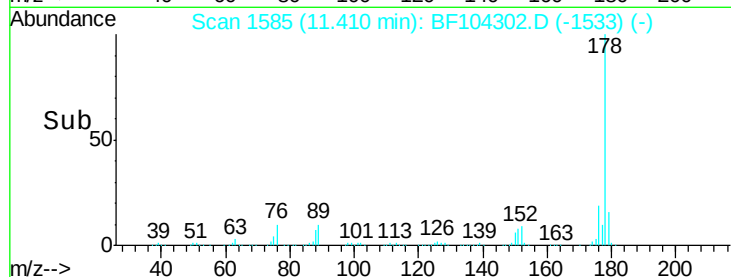
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.948 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

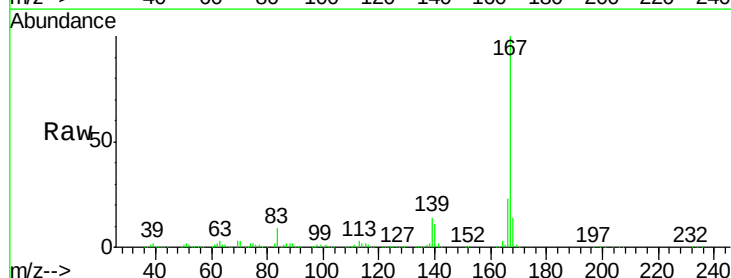
Tgt Ion:167 Resp: 1250762

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

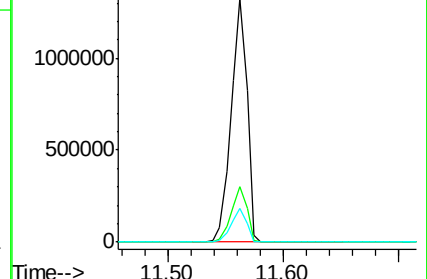
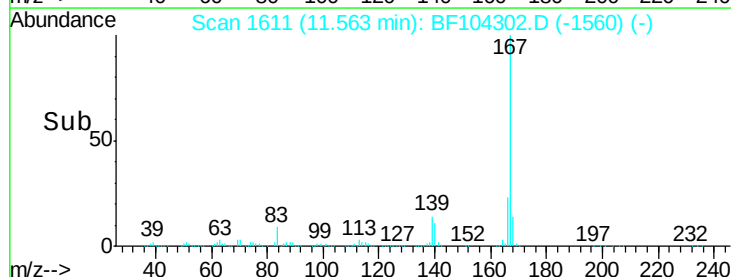
139 13.8 10.9 16.3

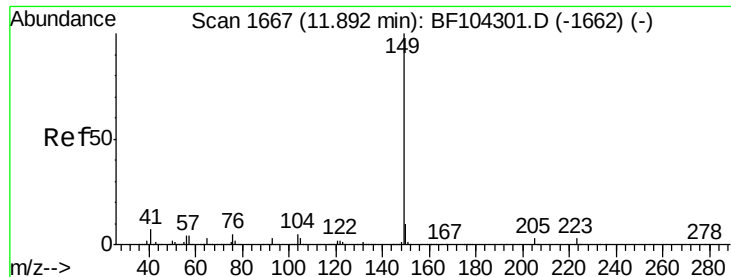


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.957 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

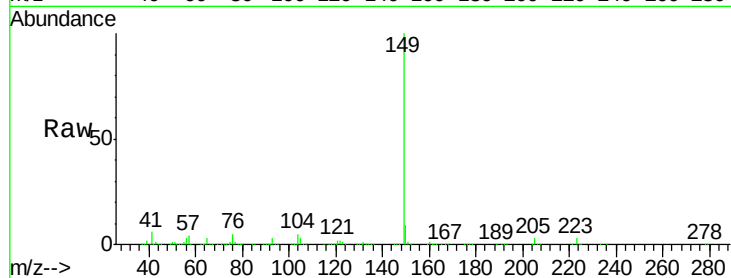
Tot Ion:149 Resp: 1490122

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

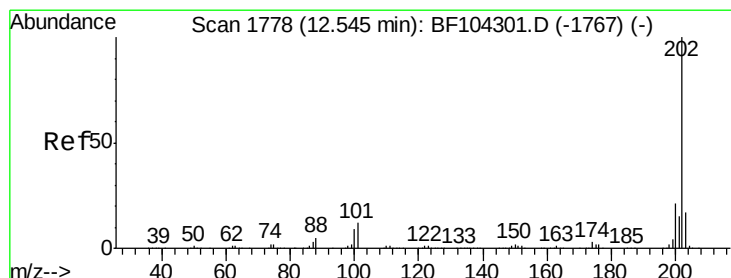
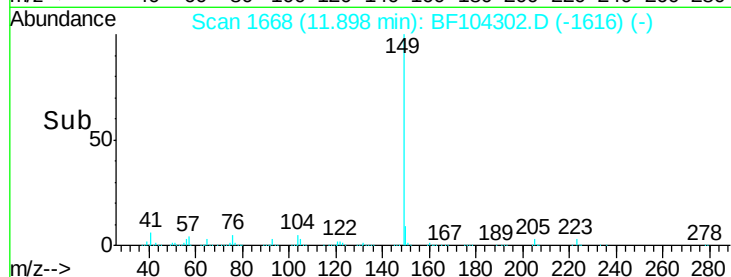
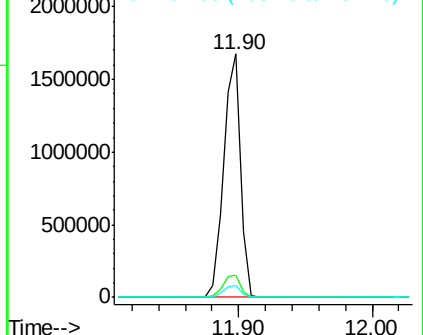
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.008 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

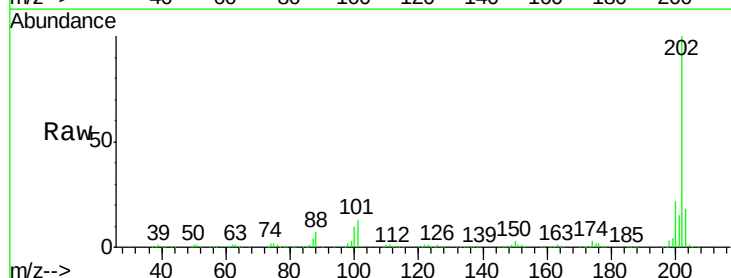
Tgt Ion:202 Resp: 1307445

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

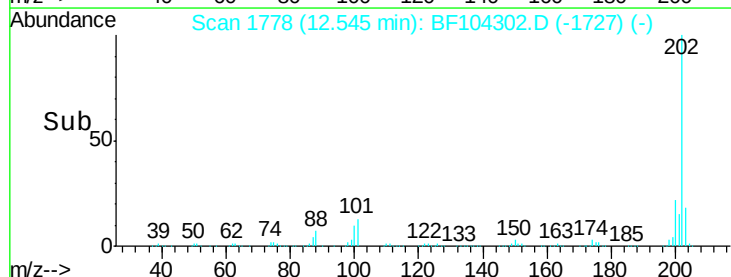
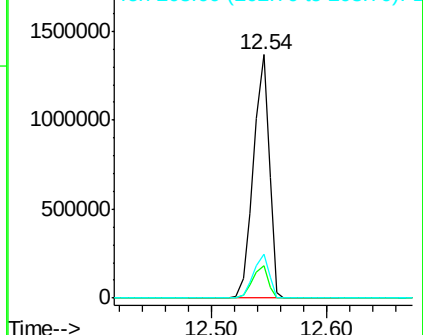
203 18.0 0.0 38.1

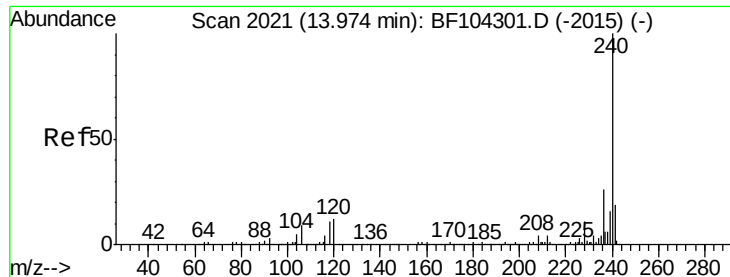


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

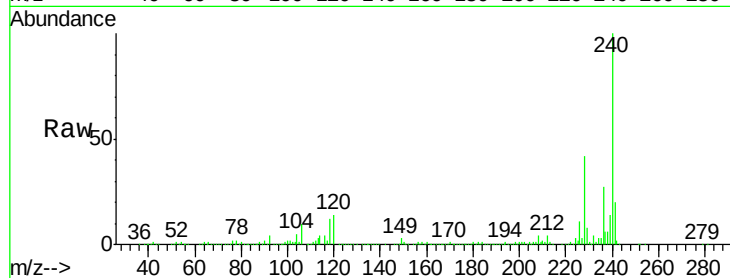
Tot Ion:240 Resp: 379435

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

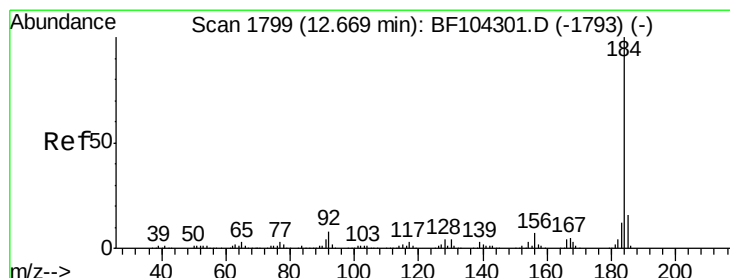
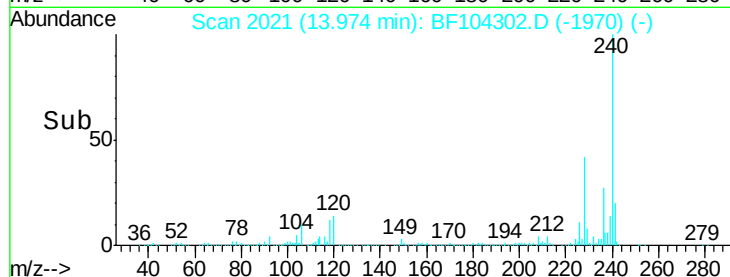
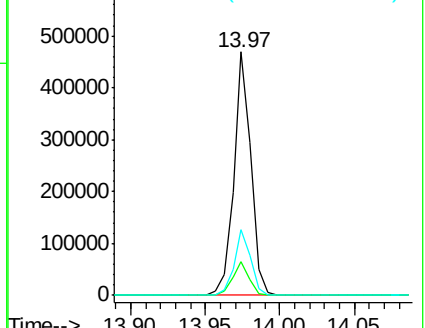
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 57.416 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

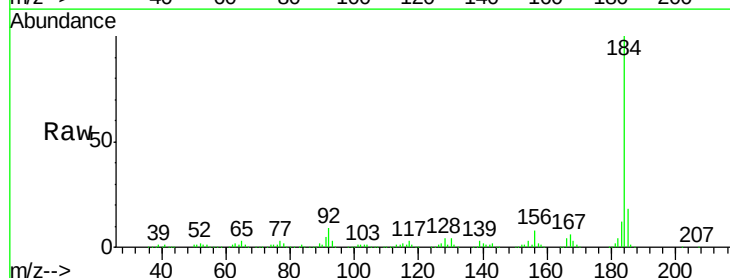
Tgt Ion:184 Resp: 620843

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

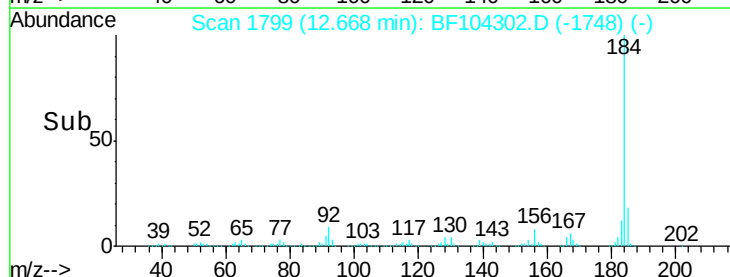
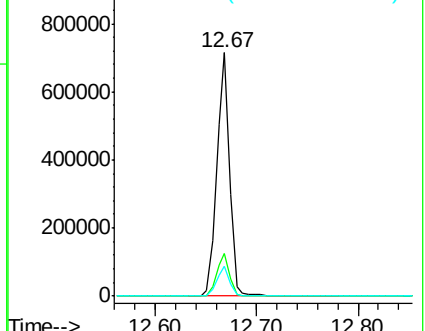
183 12.3 9.3 13.9

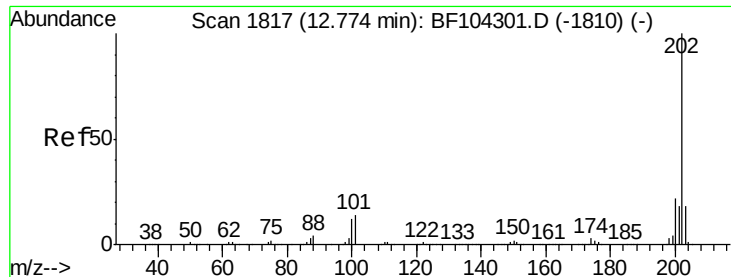


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

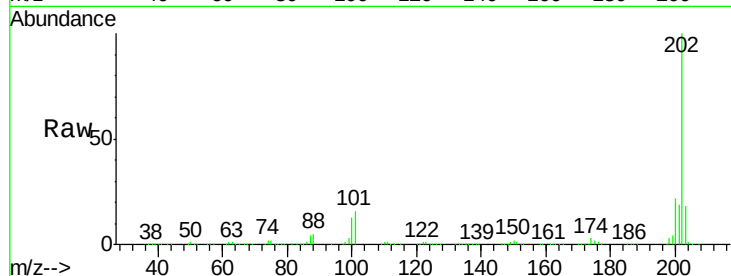




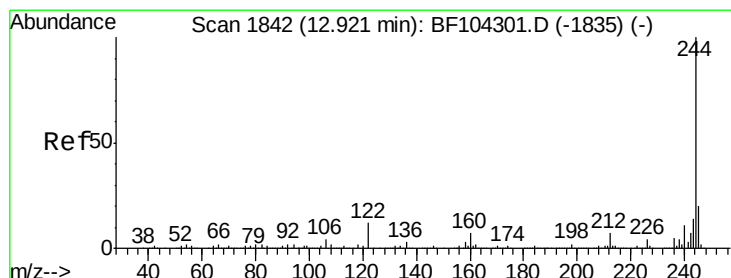
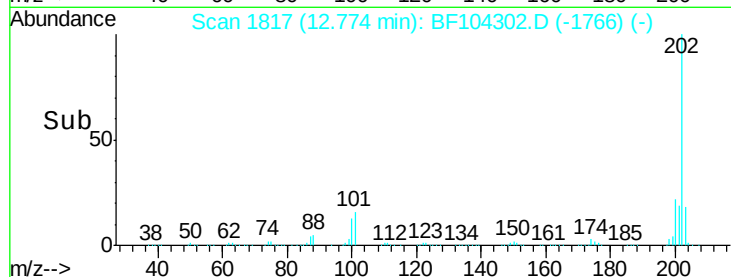
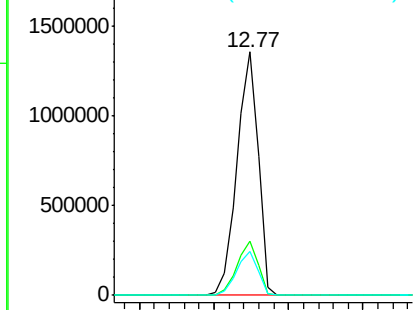
#77
Pvrene
Concen: 49.417 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1347910
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.2 14.3 21.5

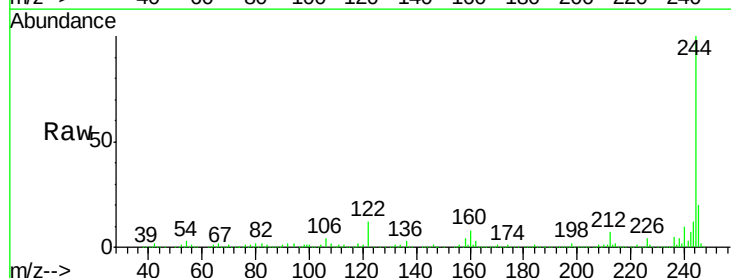


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

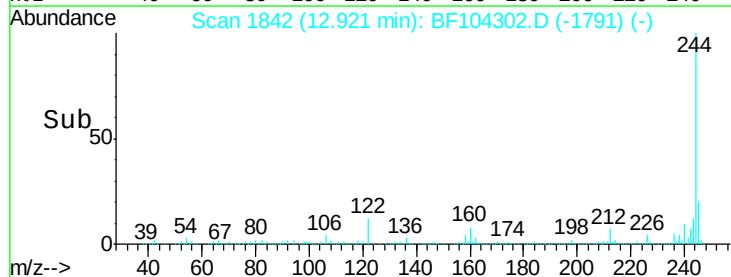
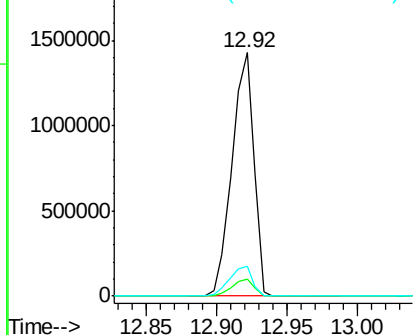


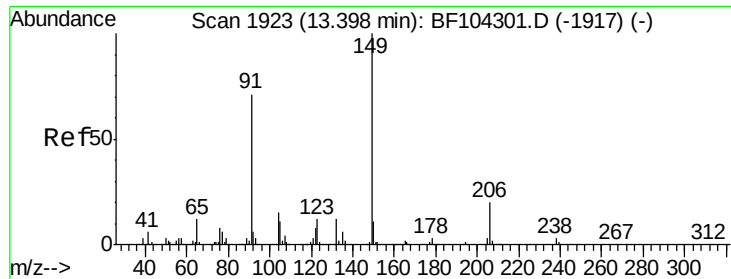
#78
Terphenyl-d14
Concen: 93.364 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:244 Resp: 1534274
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

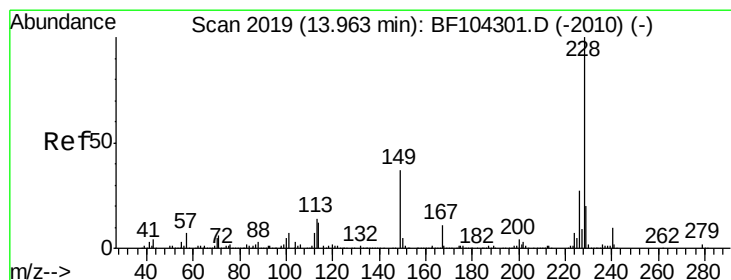
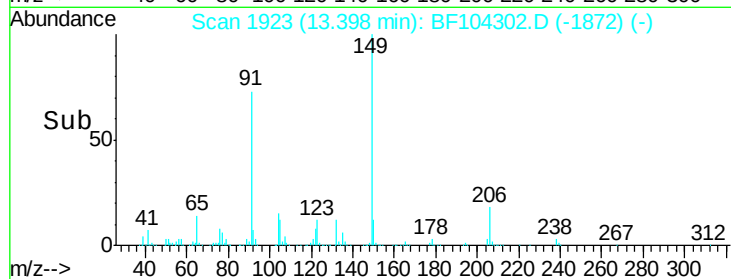
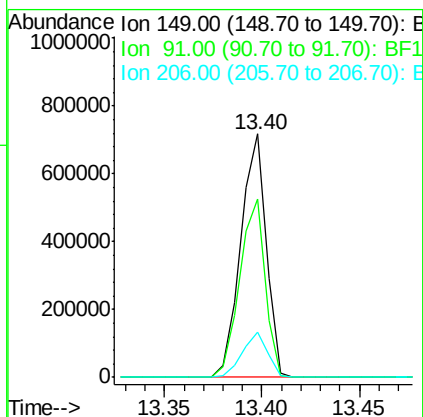
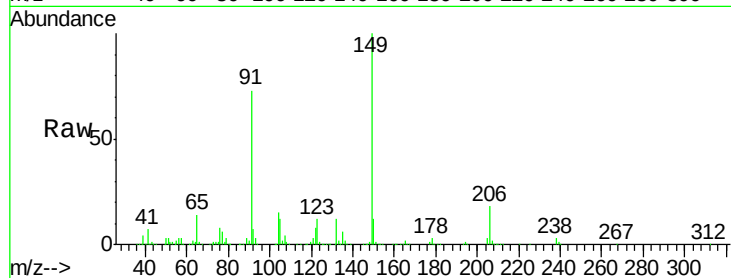




#79
Butylbenzylphthalate
Concen: 50.524 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

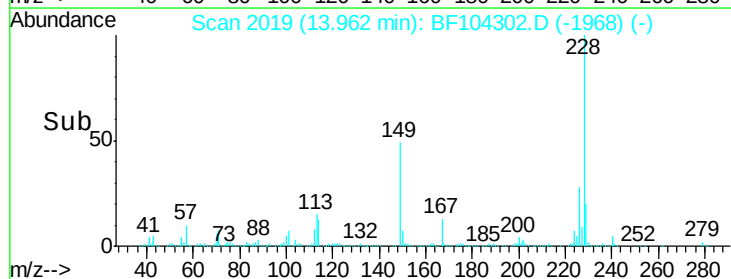
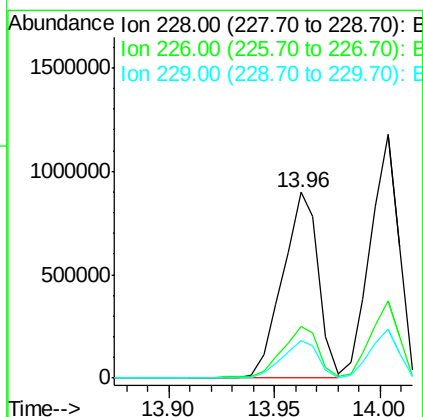
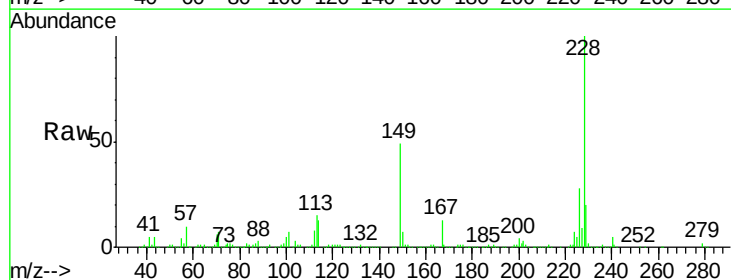
Instrument :
BNA_F
ClientSampled :

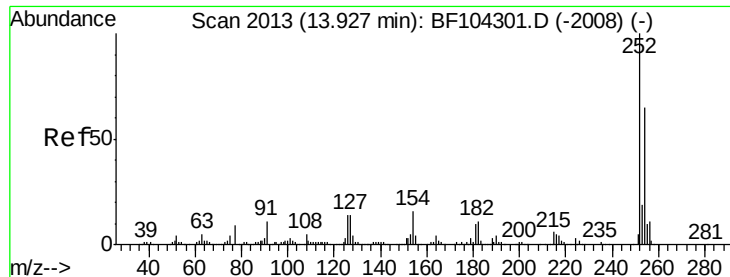
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.582 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 51.948 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

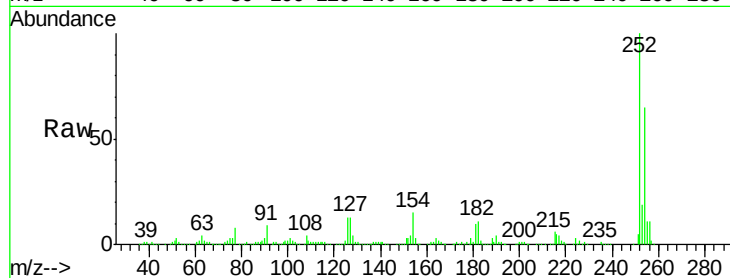
Tot Ion:252 Resp: 408240

Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	13.1	11.3	16.9

252 100

254 65.2 50.4 75.6

126 13.1 11.3 16.9

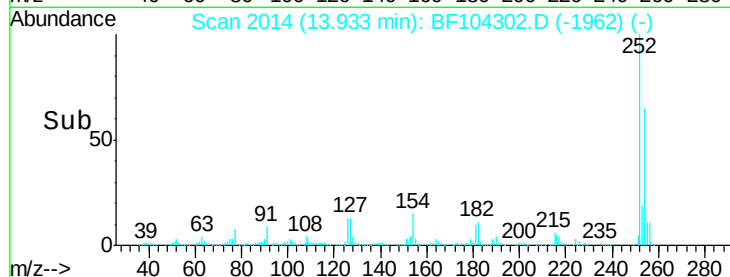


Abundance Ion 252.00 (251.70 to 252.70): E

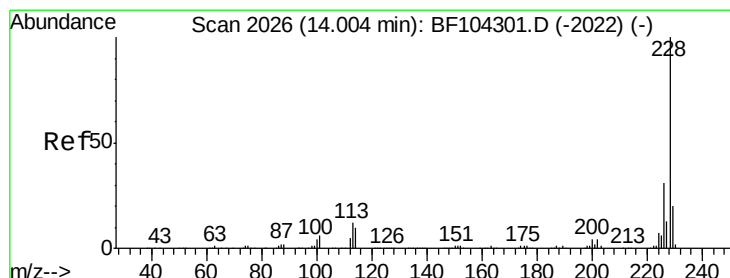
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time--> 13.85 13.90 13.95 14.00



Time--> 13.85 13.90 13.95 14.00



#82

Chrysene

Concen: 47.964 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

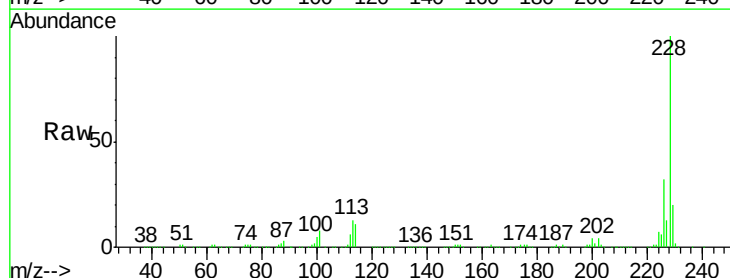
Tgt Ion:228 Resp: 1115369

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	16.2	24.4

228 100

226 31.5 25.0 37.6

229 20.0 16.2 24.4

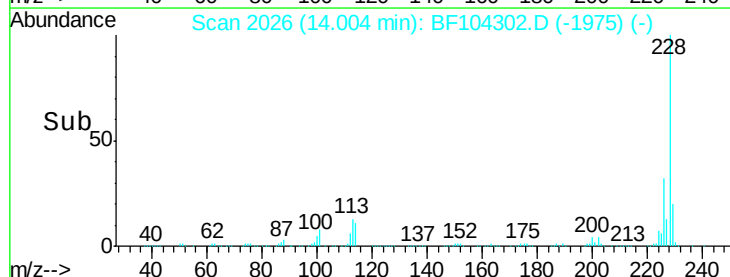


Abundance Ion 228.00 (227.70 to 228.70): E

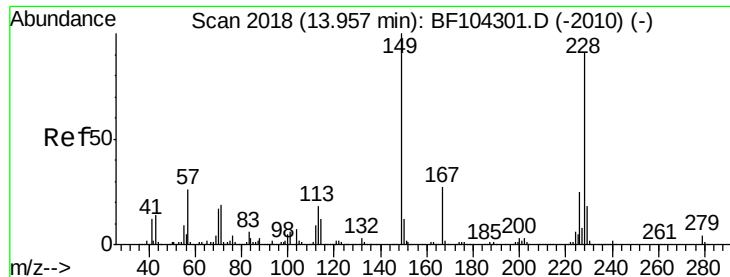
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 13.95 14.00 14.05 14.10



Time--> 13.95 14.00 14.05 14.10



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.466 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

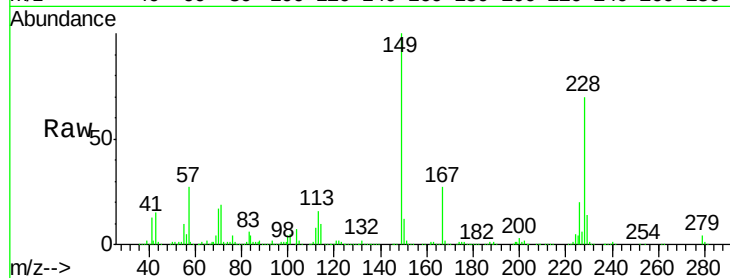
Tot Ion:149 Resp: 788113

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

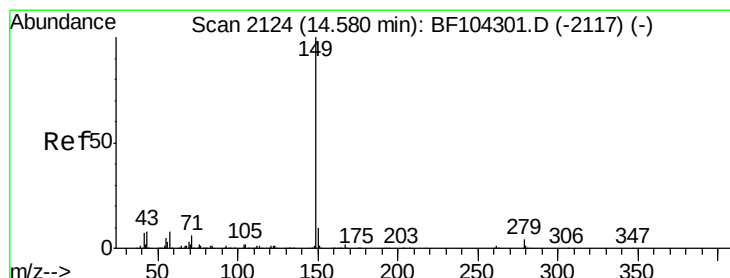
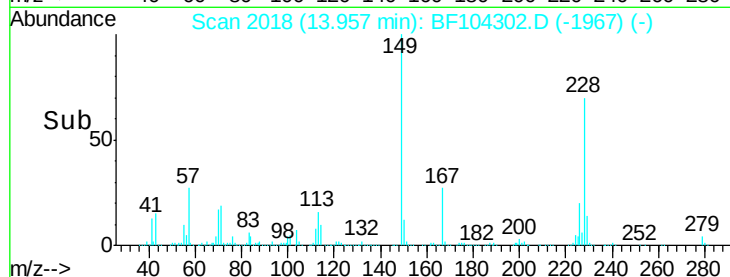
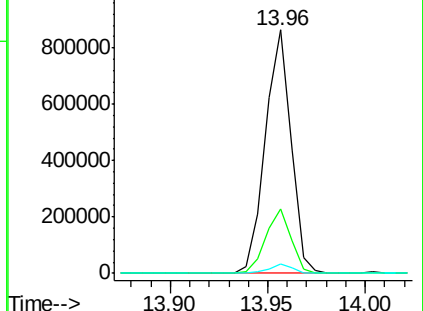
279 3.6 3.0 4.4



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: 49.122 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

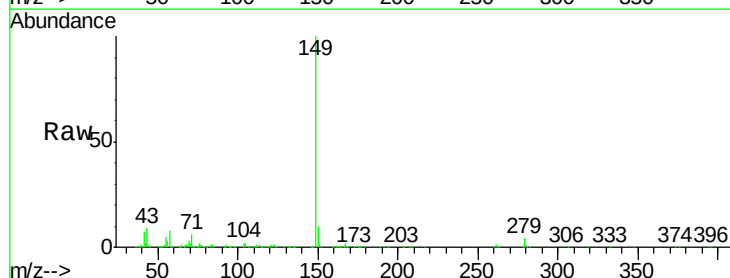
Tgt Ion:149 Resp: 1402981

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

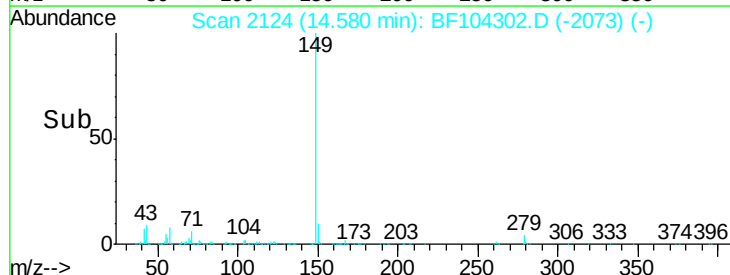
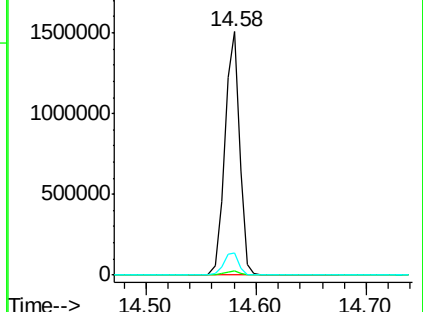
43 9.4 8.4 12.6

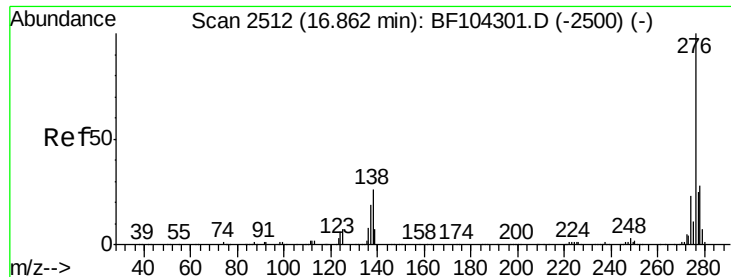


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



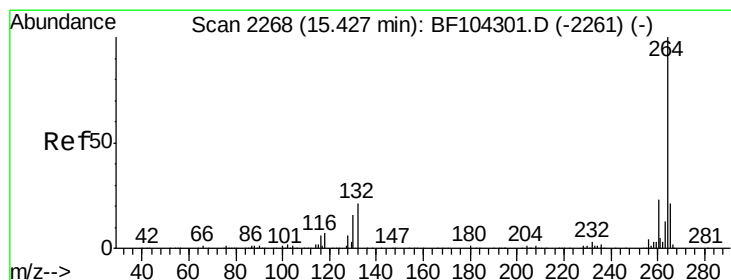
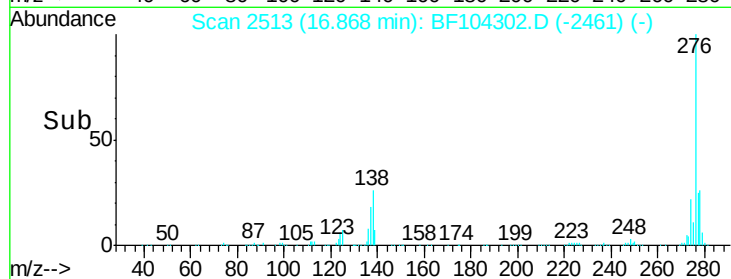
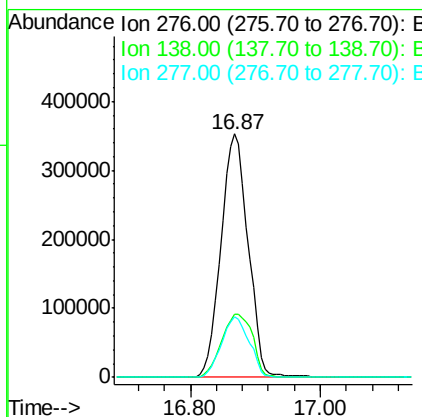
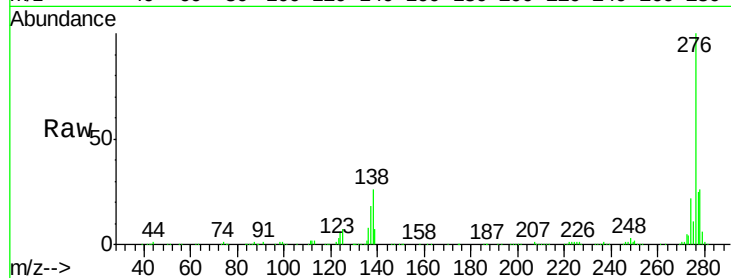


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.315 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1019681

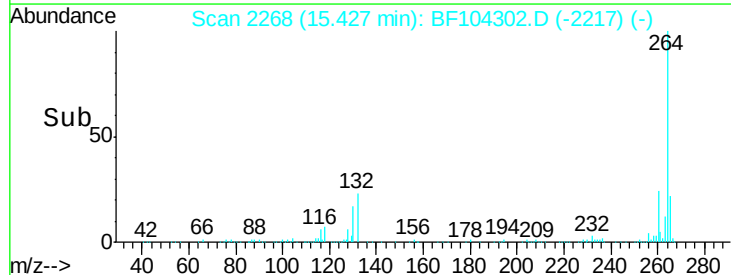
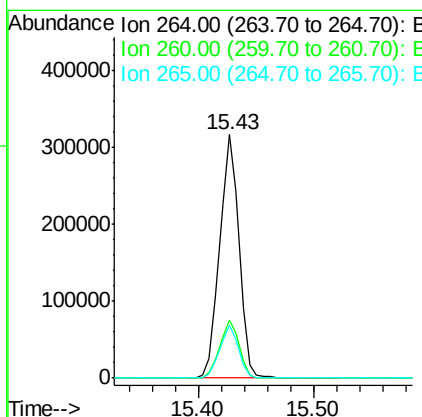
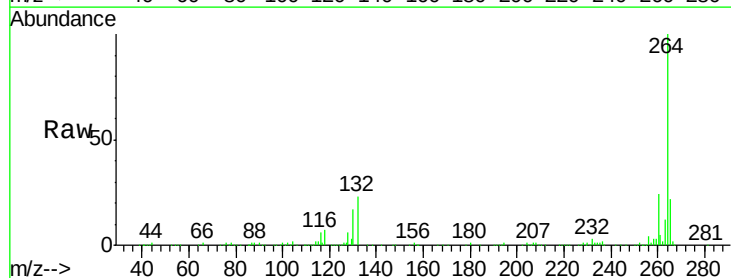
Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.6	20.1	30.1

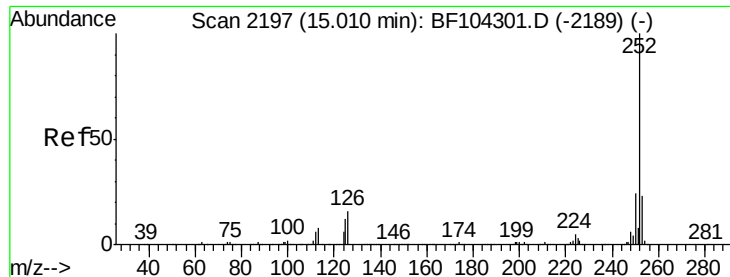


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF104302.D
 Acq: 6 Apr 2018 13:20

Tgt Ion:264 Resp: 367798

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

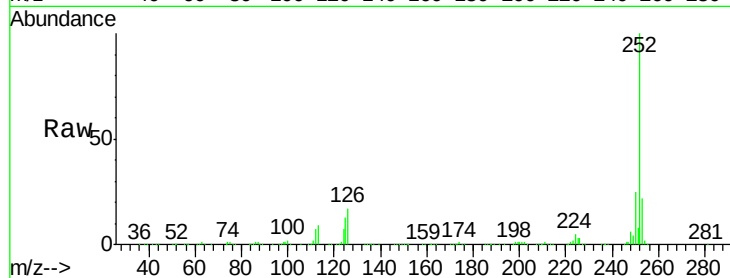




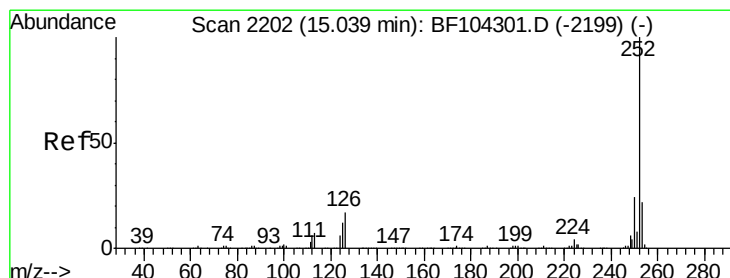
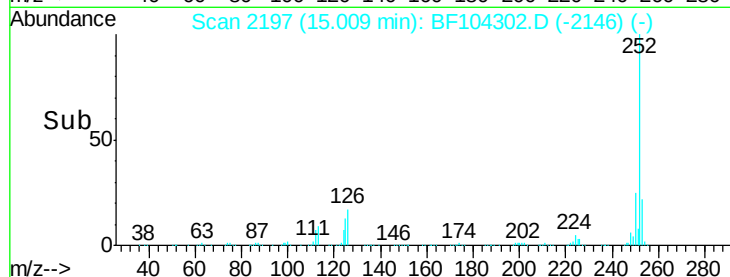
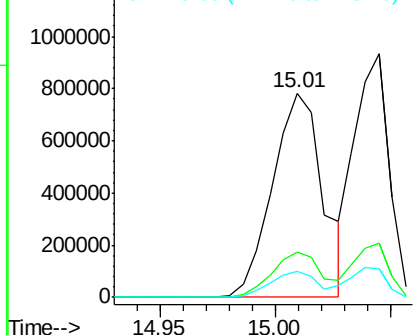
#87
Benzo(b)fluoranthene
Concen: 52.932 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1184829
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.7 9.0 13.6

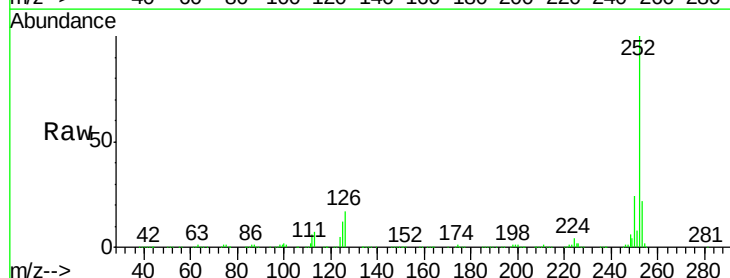


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

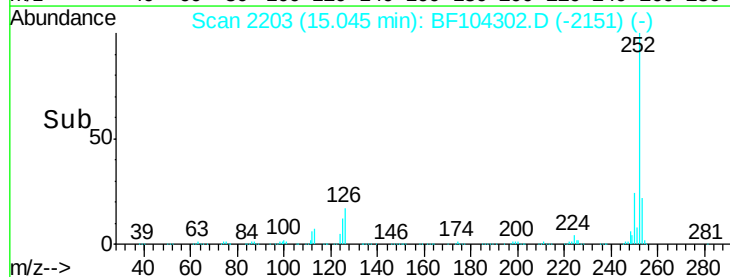
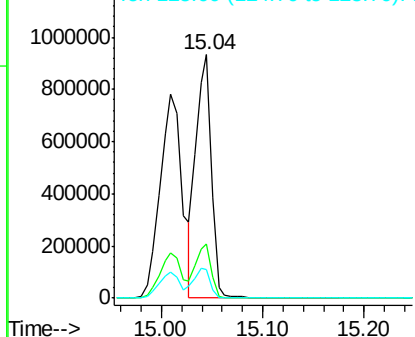


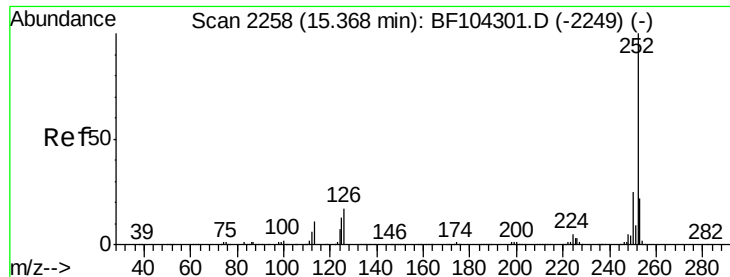
#88
Benzo(k)fluoranthene
Concen: 46.646 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104302.D
Acq: 6 Apr 2018 13:20

Tgt Ion:252 Resp: 983557
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 49.108 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :

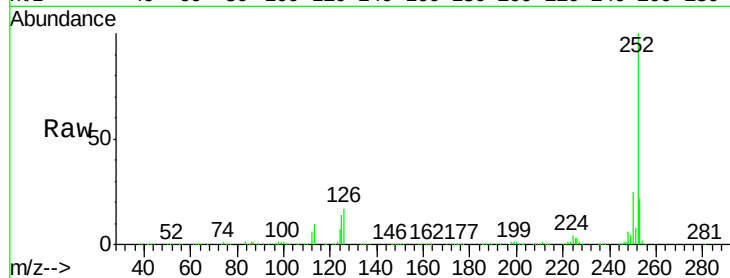
Tot Ion:252 Resp: 1018649

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

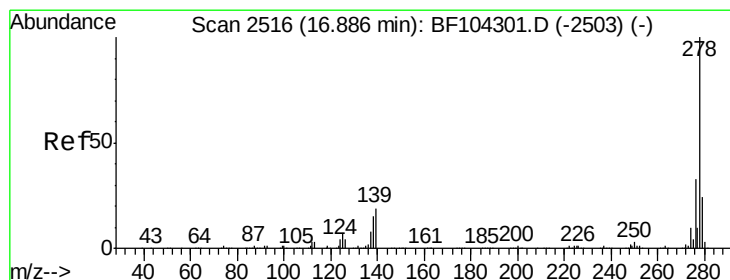
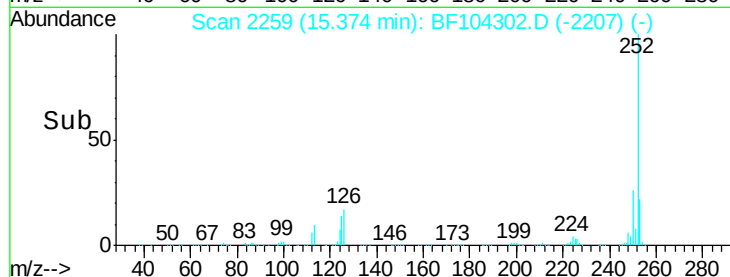
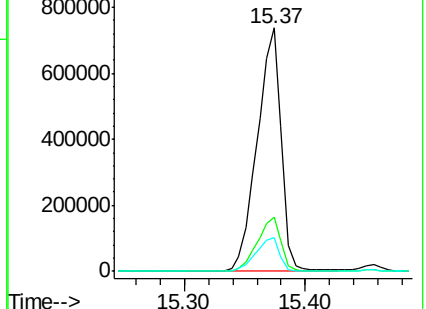
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.815 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

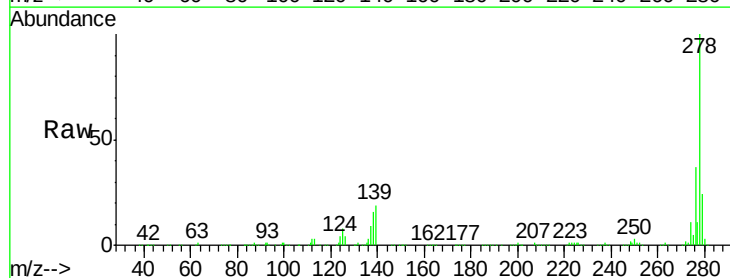
Tgt Ion:278 Resp: 840285

Ion Ratio Lower Upper

278 100

139 19.0 15.9 23.9

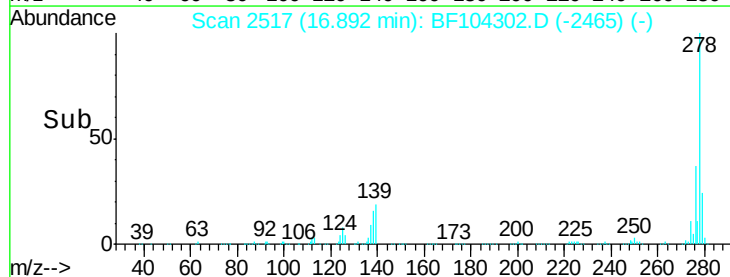
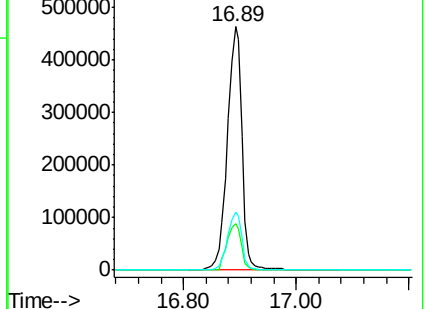
279 23.6 19.0 28.4

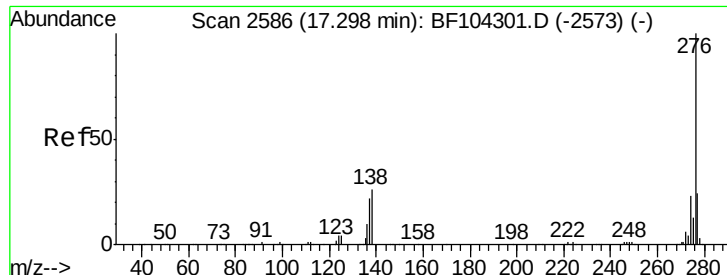


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.785 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

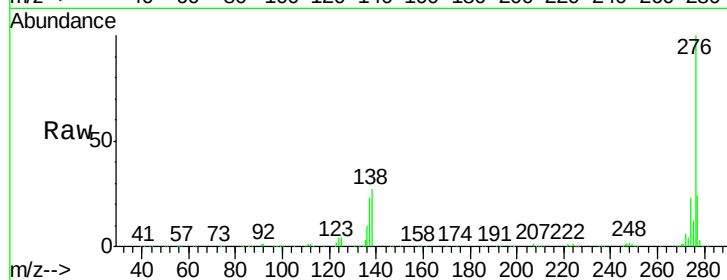
Lab File: BF104302.D

Acq: 6 Apr 2018 13:20

Instrument :

BNA_F

ClientSampleId :



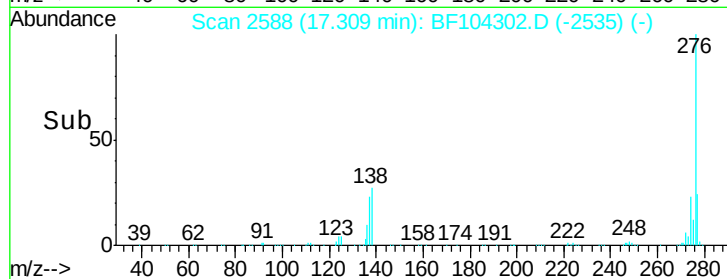
Tot Ion:276 Resp: 802650

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 26.7 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

