

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104307.D
 Acq On : 6 Apr 2018 15:33
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 23:07:31 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 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137424	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	557886	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	268596	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	482596	20.00	ng	0.00
75) Chrysene-d12	13.97	240	380882	20.00	ng	0.00
86) Perylene-d12	15.43	264	337614	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	676228	75.24	ng	0.00
7) Phenol-d6	6.43	99	849777	76.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	712176	83.36	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	211115	75.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1282272	75.42	ng	0.00
78) Terphenyl-d14	12.92	244	1262897	75.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	165937	39.624	ng	90
3) Pyridine	3.25	79	462407	39.273	ng	89
4) n-Nitrosodimethylamine	3.22	42	157460	38.257	ng	85
6) Aniline	6.47	93	593420	38.680	ng	98
8) 2-Chlorophenol	6.59	128	367875	38.781	ng	96
9) Benzaldehyde	6.35	77	223593	40.040	ng	98
10) Phenol	6.44	94	450538	38.453	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	365201	39.059	ng	98
12) 1,3-Dichlorobenzene	6.75	146	415158	38.631	ng	99
13) 1,4-Dichlorobenzene	6.82	146	414537	38.696	ng	99
14) 1,2-Dichlorobenzene	6.97	146	383012	38.582	ng	99
15) Benzyl Alcohol	6.95	79	320016	38.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	482631	38.436	ng	93
17) 2-Methylphenol	7.05	107	320646	38.886	ng	98
18) Hexachloroethane	7.32	117	149449	39.128	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	268976	37.275	ng	95
20) 3+4-Methylphenols	7.21	107	394994	38.624	ng	# 77
22) Acetophenone	7.22	105	530453	38.621	ng	98
24) Nitrobenzene	7.39	77	388345	41.170	ng	97
25) Isophorone	7.63	82	688655	38.117	ng	98
26) 2-Nitrophenol	7.70	139	169917	44.248	ng	94
27) 2,4-Dimethylphenol	7.73	122	313334	39.297	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	427172	38.671	ng	99
29) 2,4-Dichlorophenol	7.94	162	297625	39.121	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	323319	38.724	ng	99
31) Naphthalene	8.11	128	1074606	38.683	ng	100
32) Benzoic acid	7.86	122	277390	43.602	ng	97
33) 4-Chloroaniline	8.16	127	460698	38.710	ng	99
34) Hexachlorobutadiene	8.23	225	180319	39.429	ng	97
35) Caprolactam	8.54	113	103958	39.170	ng	# 75
36) 4-Chloro-3-methylphenol	8.63	107	318013	38.983	ng	99
37) 2-Methylnaphthalene	8.80	142	701835	39.058	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	293268	38.142	ng	100
40) Hexachlorocyclopentadiene	8.95	237	170565	39.625	ng	97

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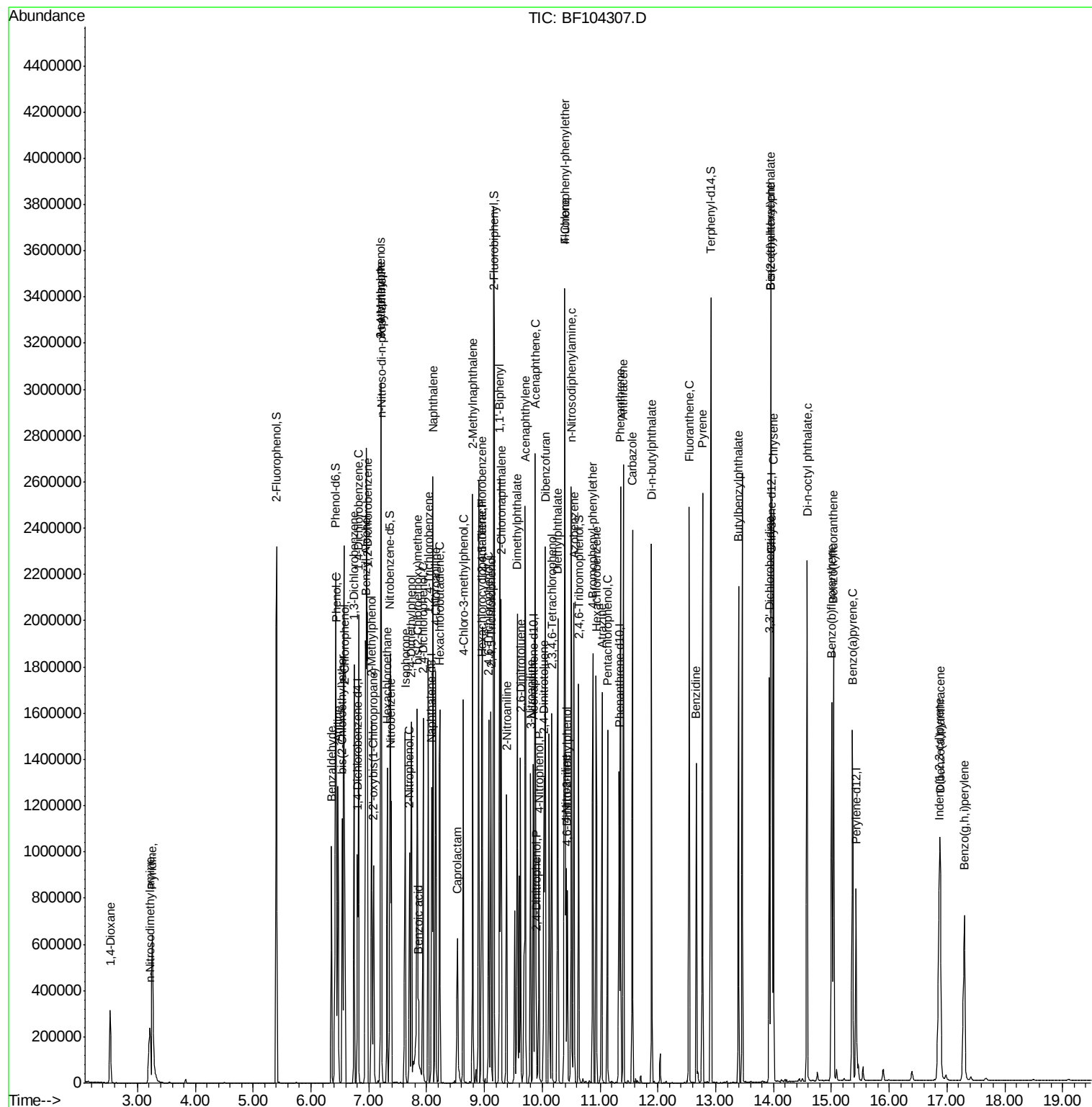
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	207286	38.836	ng	98
43) 2,4,5-Trichlorophenol	9.11	196	230173	38.537	ng	99
45) 1,1'-Biphenyl	9.26	154	856018	37.937	ng	100
46) 2-Chloronaphthalene	9.29	162	675919	37.925	ng	99
47) 2-Nitroaniline	9.39	65	191753	43.506	ng	98
48) Acenaphthylene	9.70	152	1065038	38.087	ng	100
49) Dimethylphthalate	9.57	163	797910	37.671	ng	99
50) 2,6-Dinitrotoluene	9.63	165	169422	43.228	ng	96
51) Acenaphthene	9.88	154	644333	37.766	ng	99
52) 3-Nitroaniline	9.80	138	196467	42.819	ng	99
53) 2,4-Dinitrophenol	9.90	184	50750	41.673	ng	# 18
54) Dibenzofuran	10.05	168	899665	37.838	ng	99
55) 4-Nitrophenol	9.95	139	151357	41.994	ng	100
56) 2,4-Dinitrotoluene	10.03	165	216382	42.090	ng	93
57) Fluorene	10.39	166	672819	38.877	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	175674	39.425	ng	96
59) Diethylphthalate	10.27	149	790304	37.465	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	299496	38.858	ng	99
61) 4-Nitroaniline	10.41	138	193007	43.021	ng	99
62) Azobenzene	10.55	77	761458	37.783	ng	98
64) 4,6-Dinitro-2-methylphenol	10.43	198	93958	41.204	ng	93
65) n-Nitrosodiphenylamine	10.50	169	639457	38.216	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	195413	38.068	ng	96
67) Hexachlorobenzene	10.93	284	219728	38.041	ng	97
68) Atrazine	11.03	200	190074	37.633	ng	100
69) Pentachlorophenol	11.13	266	145010	40.581	ng	98
70) Phenanthrene	11.36	178	1010354	37.594	ng	98
71) Anthracene	11.40	178	1030651	37.726	ng	100
72) Carbazole	11.56	167	1000404	37.474	ng	100
73) Di-n-butylphthalate	11.89	149	1219794	37.405	ng	99
74) Fluoranthene	12.54	202	1057969	37.677	ng	100
76) Benzidine	12.67	184	505149	38.791	ng	97
77) Pyrene	12.77	202	1092118	38.683	ng	100
79) Butylbenzylphthalate	13.40	149	520956	39.168	ng	96
80) Benzo(a)anthracene	13.96	228	862828	37.919	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	335377	39.530	ng	97
82) Chrysene	14.00	228	884043	37.825	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	662015	38.696	ng	100
84) Di-n-octyl phthalate	14.58	149	1136837	39.769	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	738463	37.194	ng	98
87) Benzo(b)fluoranthene	15.01	252	822835	38.589	ng	98
88) Benzo(k)fluoranthene	15.04	252	806126	40.044	ng	99
89) Benzo(a)pyrene	15.37	252	749442	39.281	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	614509	39.217	ng	99
91) Benzo(g,h,i)perylene	17.30	276	588496	38.765	ng	96

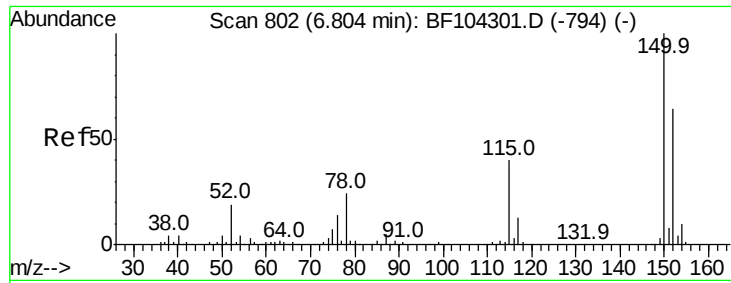
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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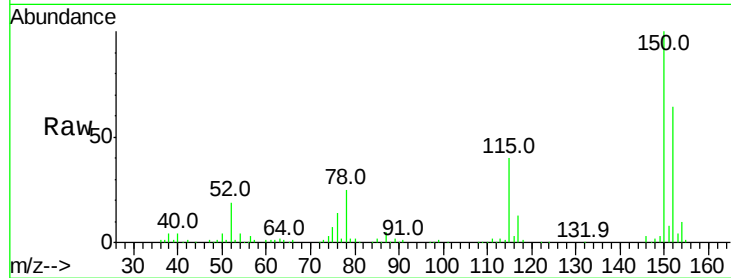


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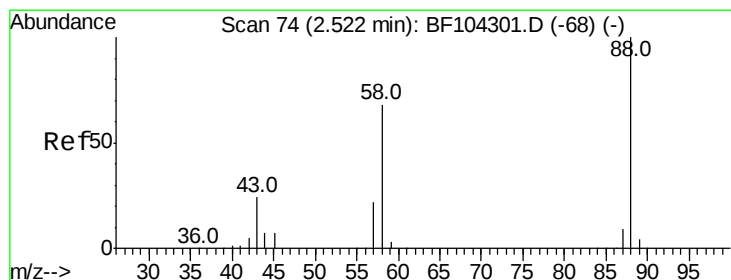
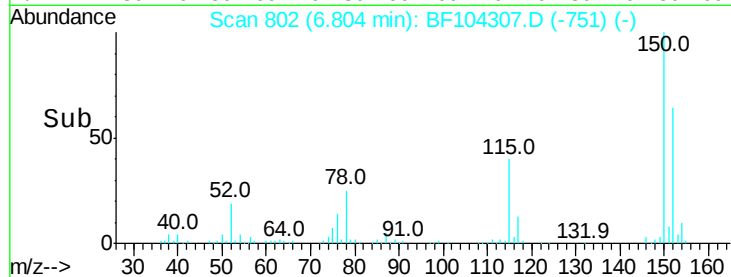
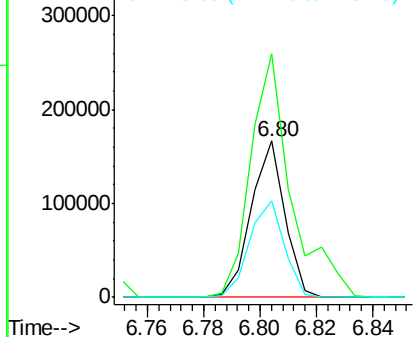
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137424
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.7 50.1 75.1



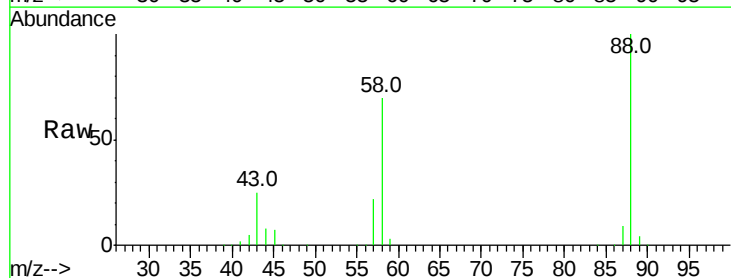
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



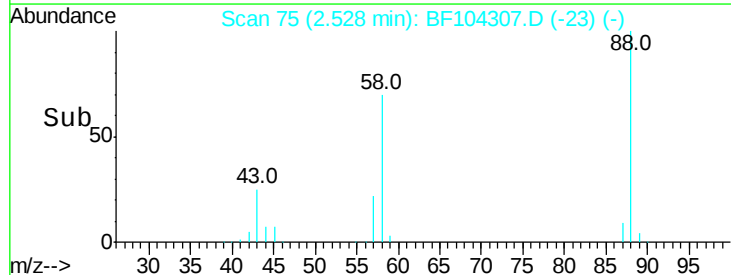
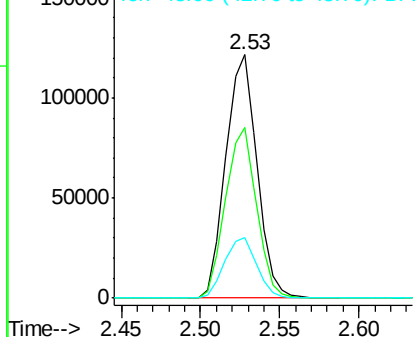
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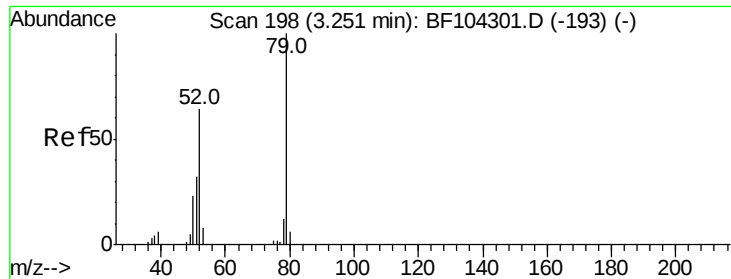
1,4-Dioxane
Concen: 39.624 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion: 88 Resp: 165937
Ion Ratio Lower Upper
88 100
58 69.6 62.6 93.8
43 25.7 24.6 37.0



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

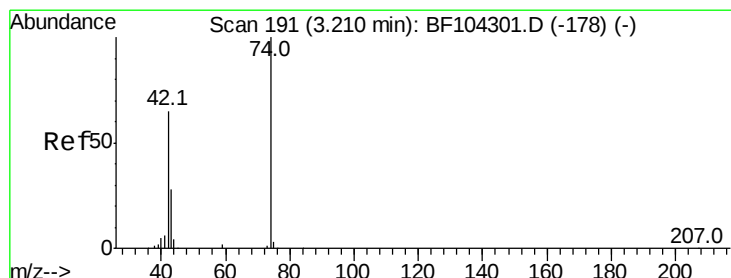
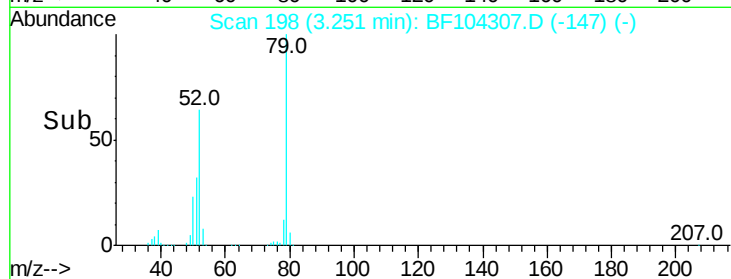
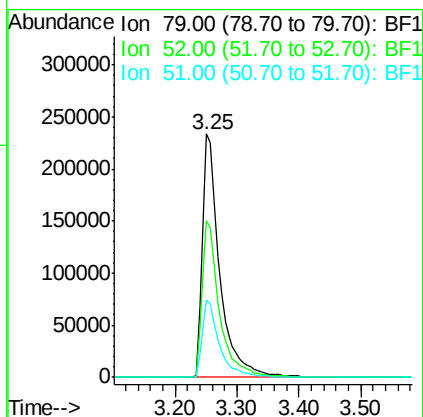
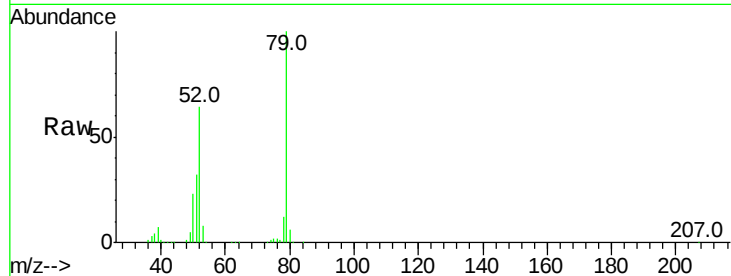




#3
 Pvridine
 Concen: 39.273 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

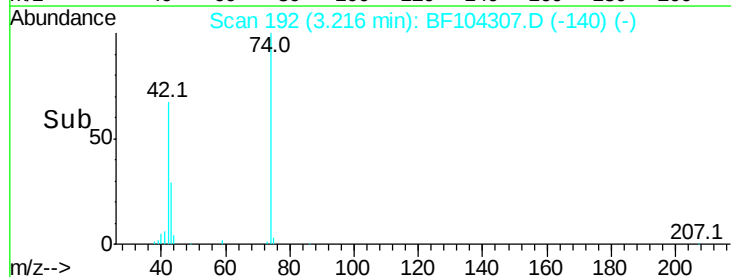
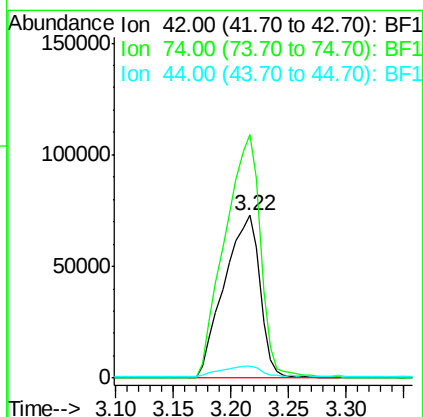
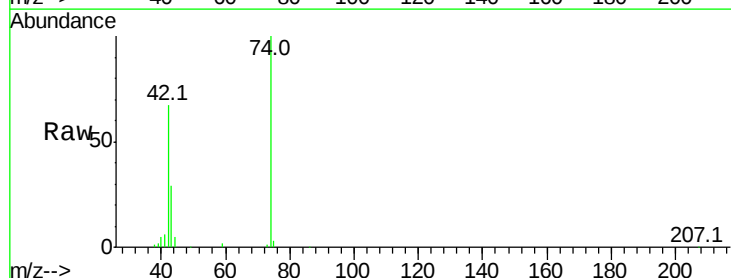
Instrument :
 BNA_F
 ClientSampleId :

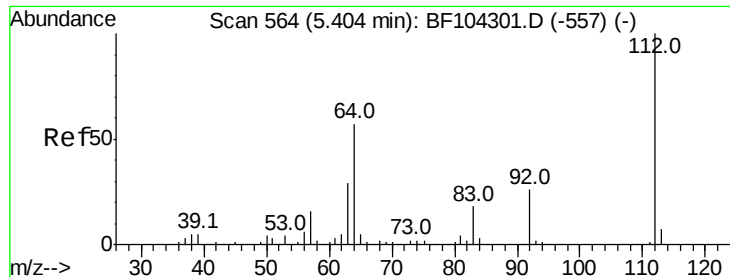
Tot Ion: 79 Resp: 462407
 Ion Ratio Lower Upper
 79 100
 52 64.3 59.8 89.6
 51 31.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.257 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion: 42 Resp: 157460
 Ion Ratio Lower Upper
 42 100
 74 149.7 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 75.241 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

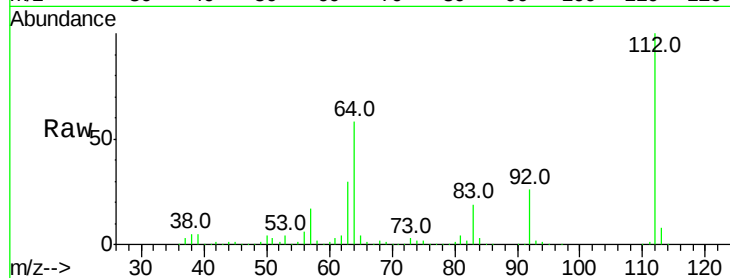
Tot Ion:112 Resp: 676228

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

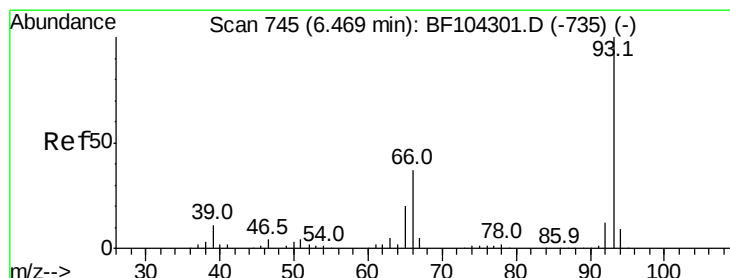
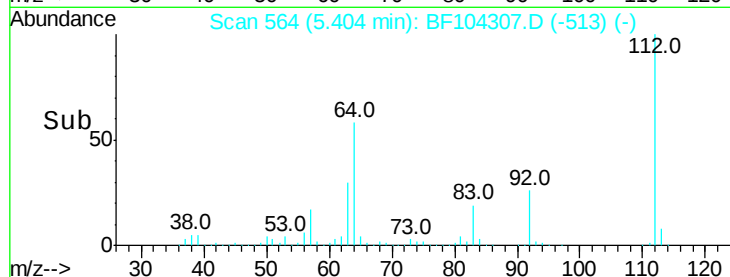
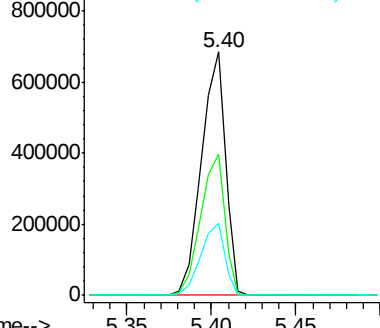
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.680 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

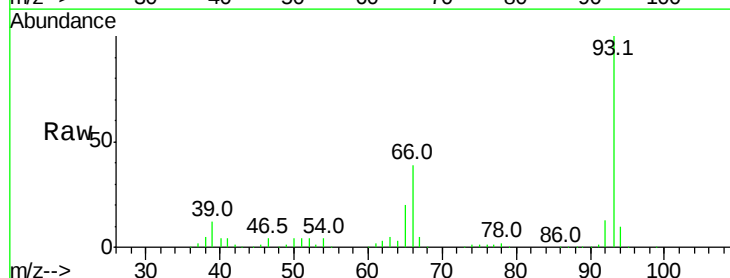
Tgt Ion: 93 Resp: 593420

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

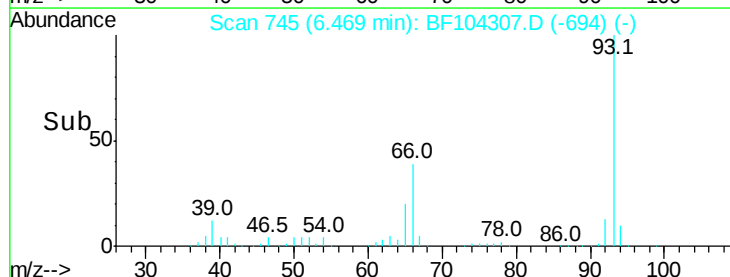
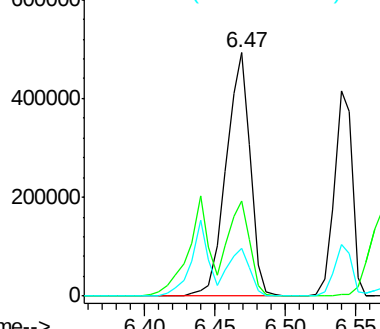
65 19.7 16.4 24.6



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: 76.954 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampled :

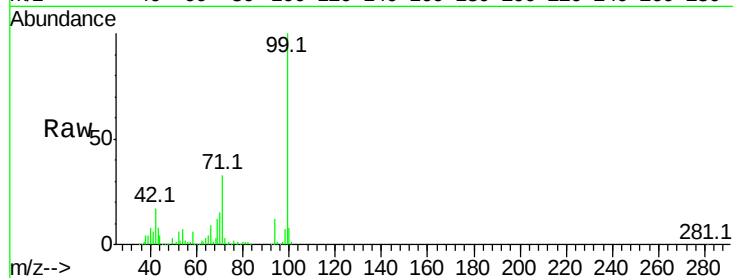
Tot Ion: 99 Resp: 849777

Ion Ratio Lower Upper

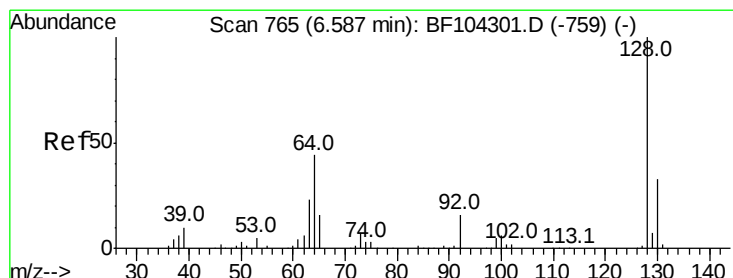
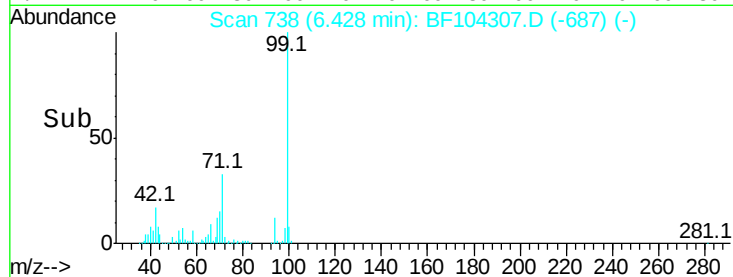
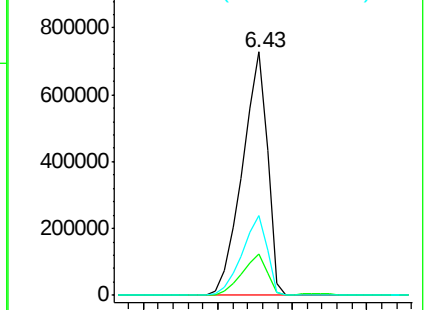
99 100

42 17.0 14.5 21.7

71 32.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.781 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

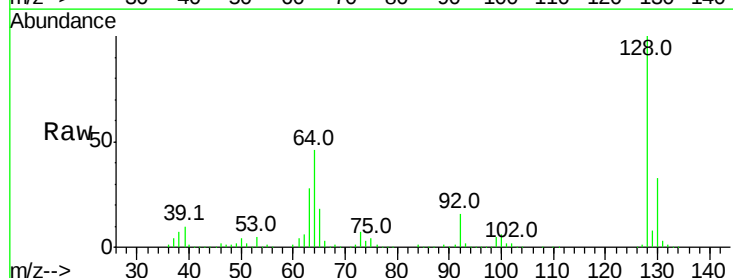
Tgt Ion:128 Resp: 367875

Ion Ratio Lower Upper

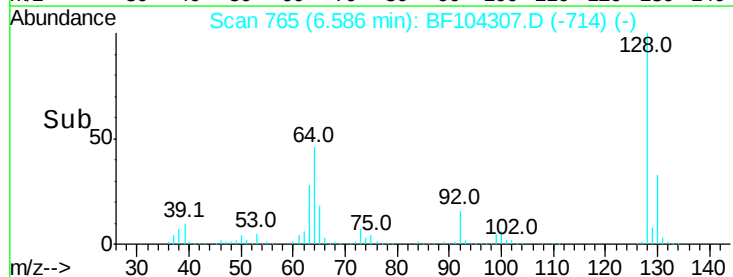
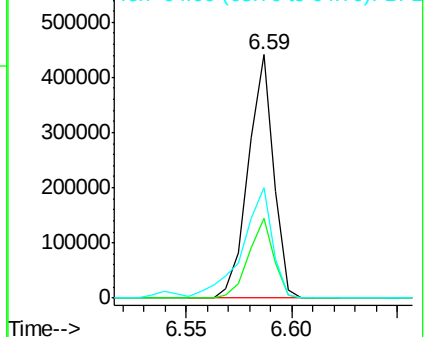
128 100

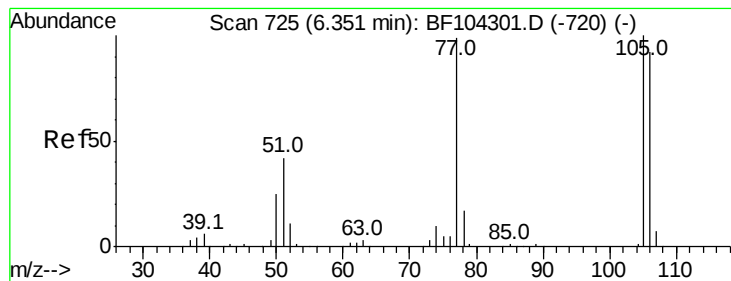
130 32.6 13.0 53.0

64 45.6 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: 40.040 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

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ClientSampled :

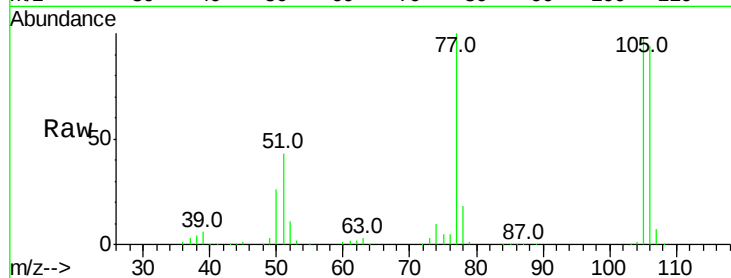
Tot Ion: 77 Resp: 223593

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

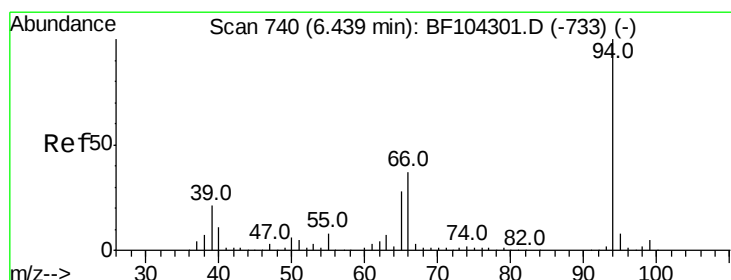
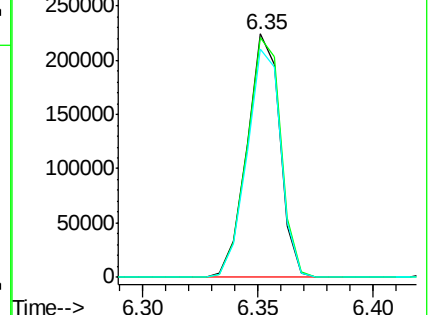
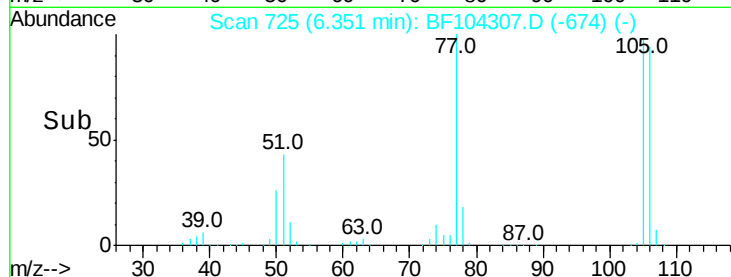
106 93.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.453 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

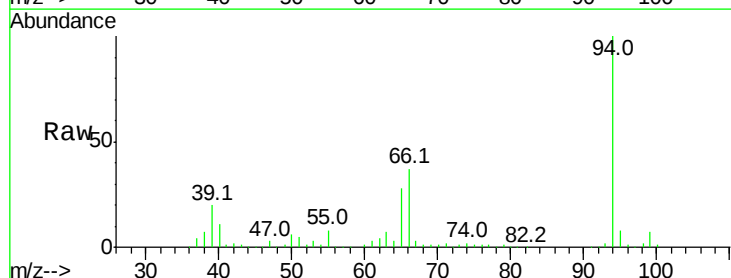
Tgt Ion: 94 Resp: 450538

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

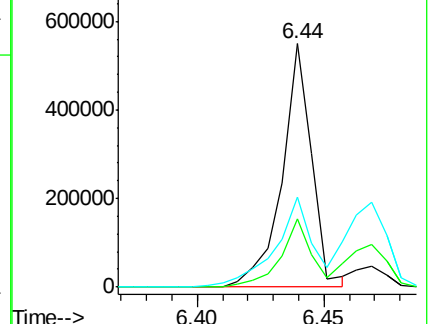
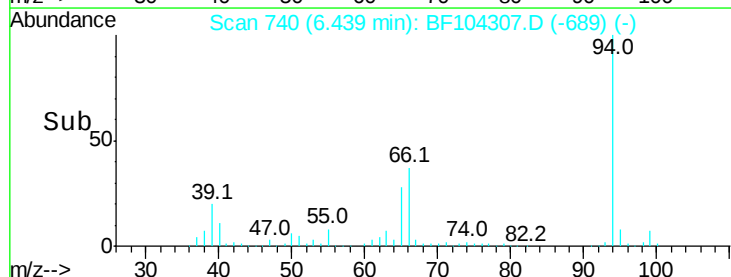
66 37.0 16.2 56.2



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

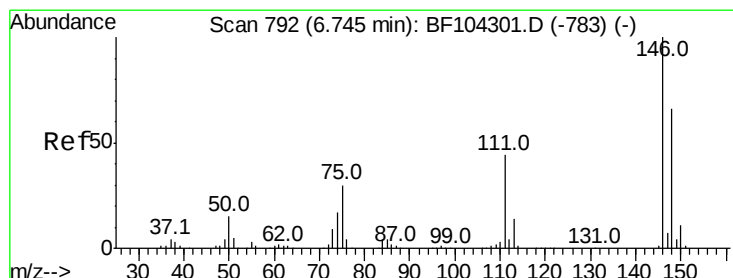
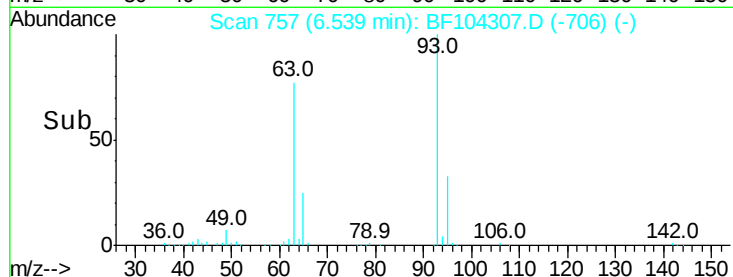
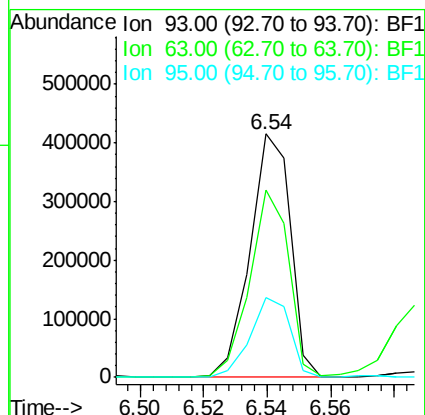
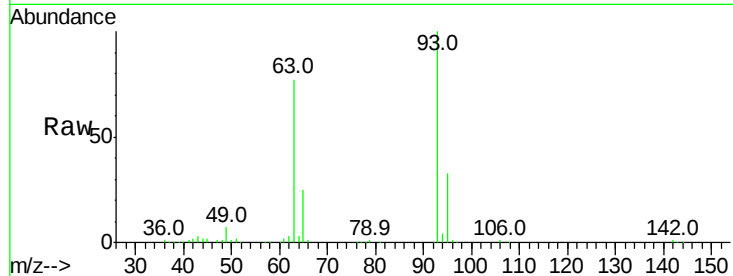




#11
bis(2-Chloroethyl)ether
Concen: 39.059 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

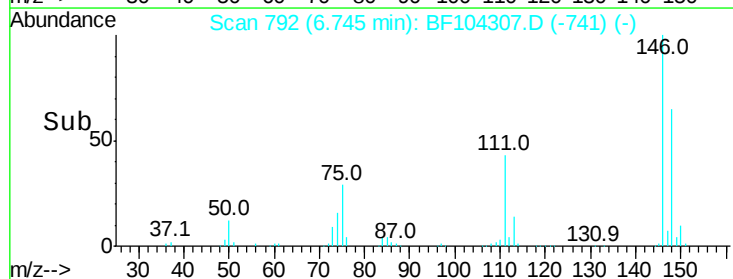
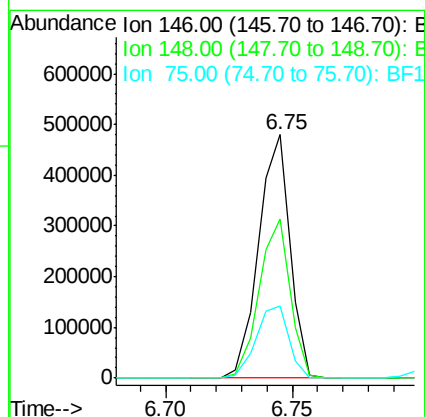
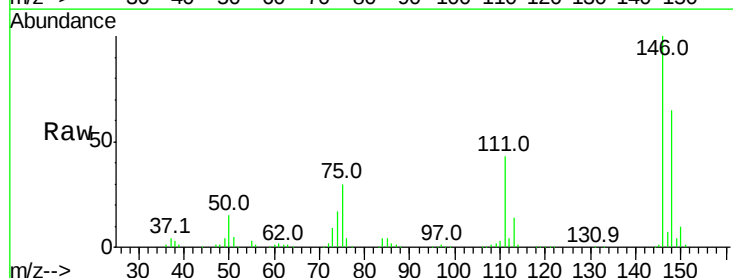
Instrument :
BNA_F
ClientSampleId :

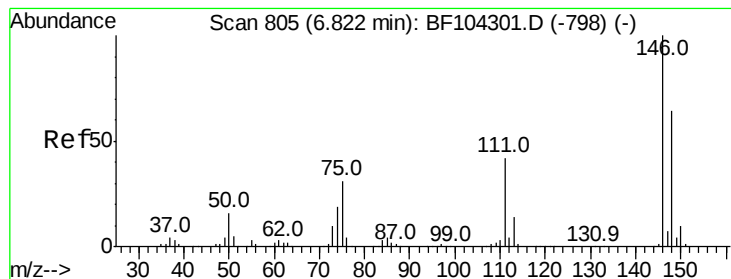
Tot Ion: 93 Resp: 365201
Ion Ratio Lower Upper
93 100
63 76.9 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.631 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion: 146 Resp: 415158
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.696 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

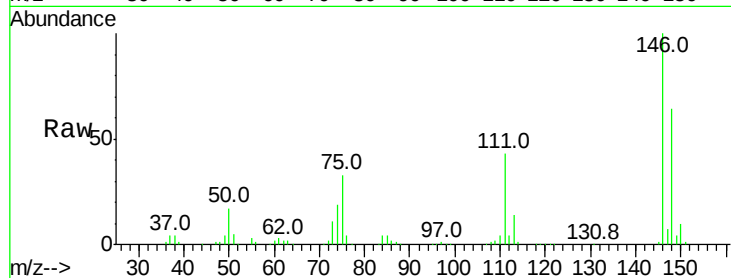
Tot Ion:146 Resp: 414537

Ion Ratio Lower Upper

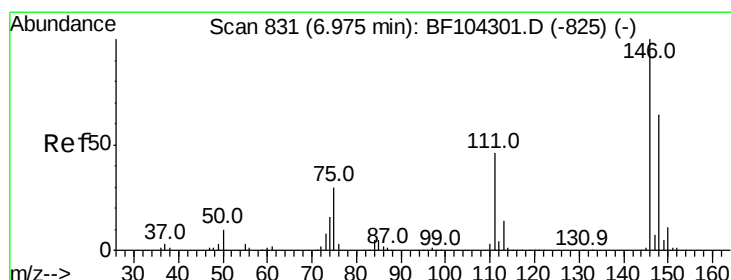
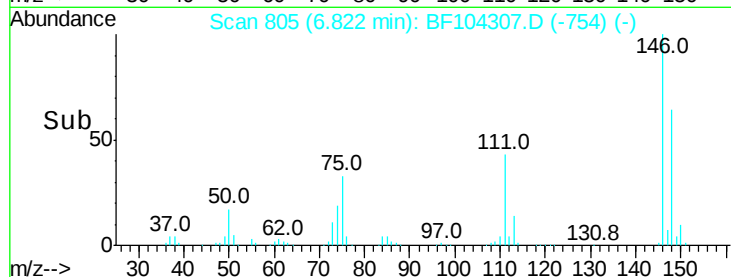
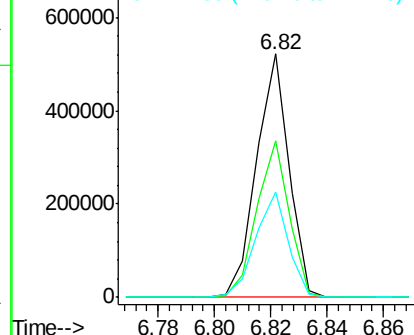
146 100

148 64.3 50.8 76.2

111 43.1 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.582 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

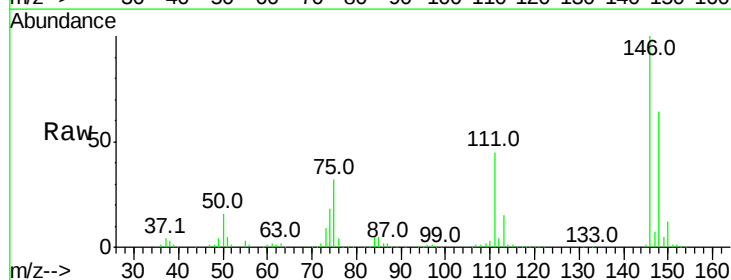
Tgt Ion:146 Resp: 383012

Ion Ratio Lower Upper

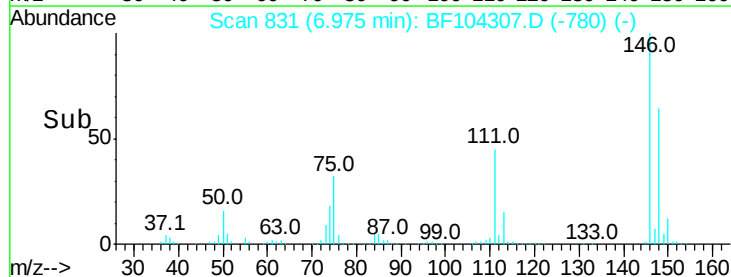
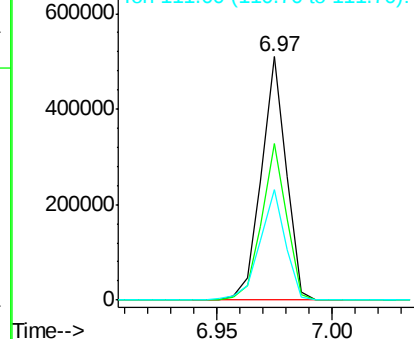
146 100

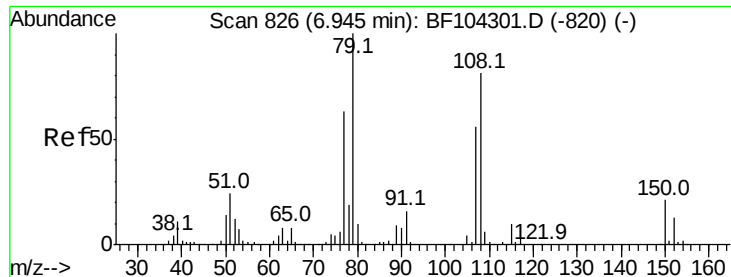
148 64.1 50.6 75.8

111 45.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.155 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampled :

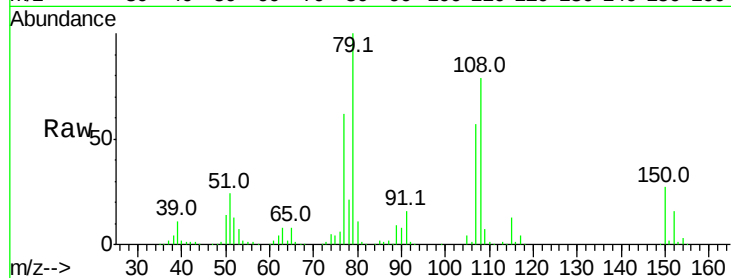
Tot Ion: 79 Resp: 320016

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

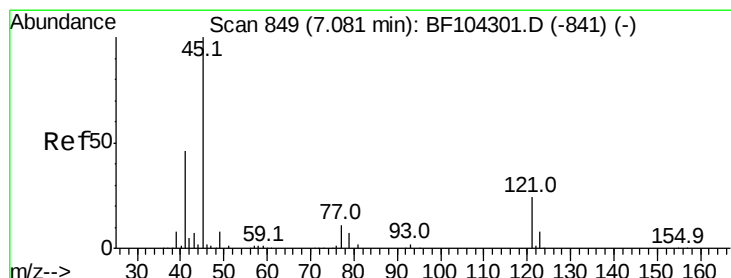
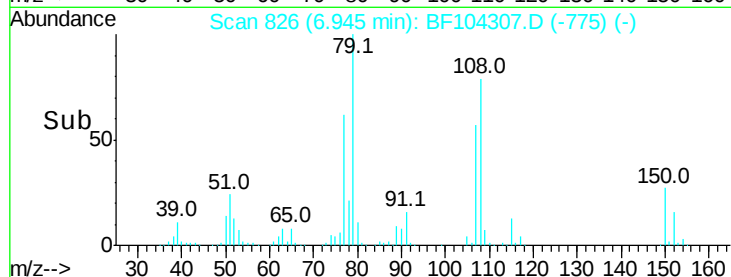
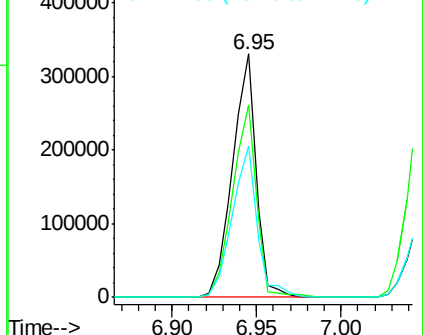
77 62.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.436 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

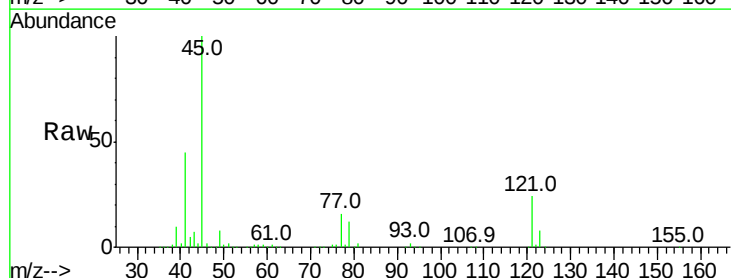
Tgt Ion: 45 Resp: 482631

Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

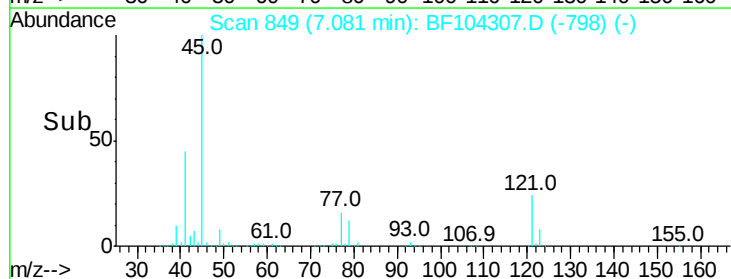
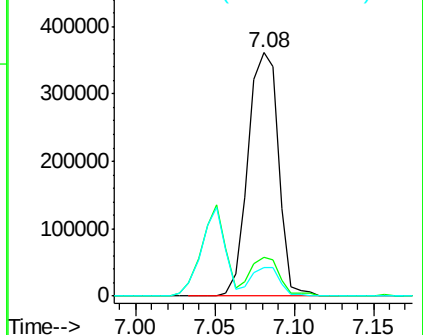
79 11.7 0.0 29.6

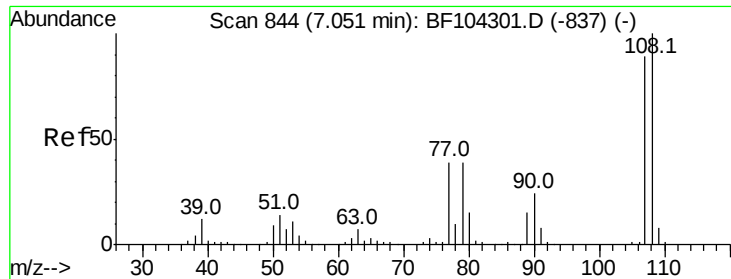


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

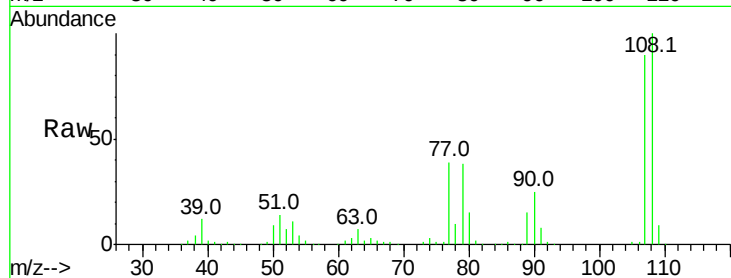




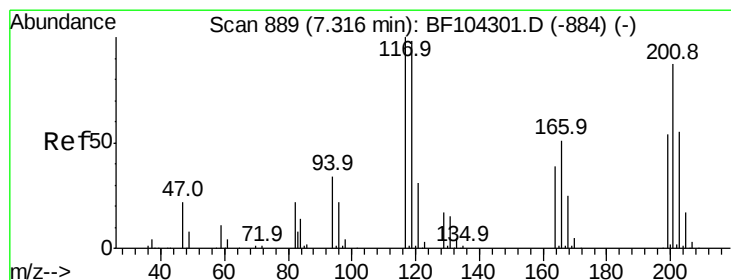
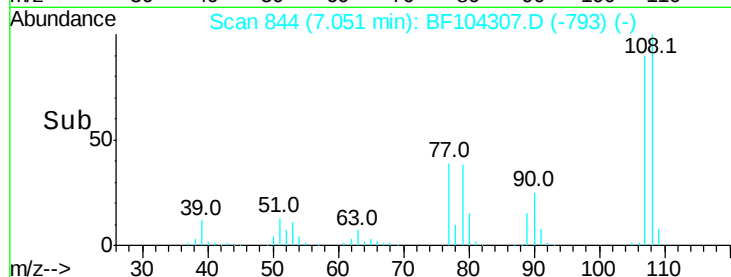
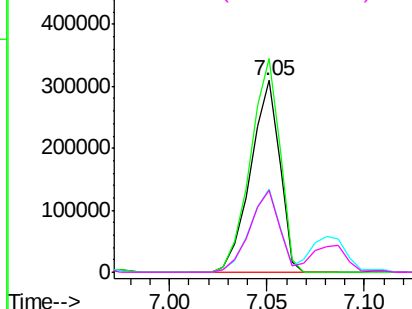
#17
2-Methylphenol
Concen: 38.886 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 320646
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 43.6 33.8 50.8
79 42.5 33.8 50.8

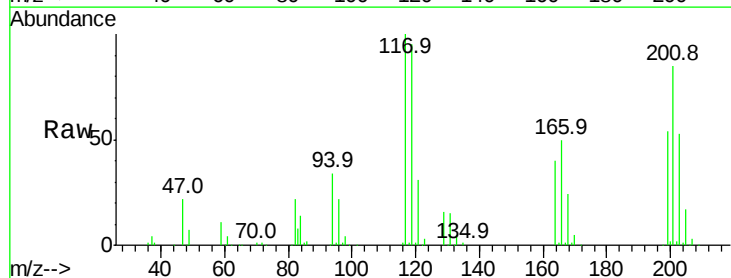


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

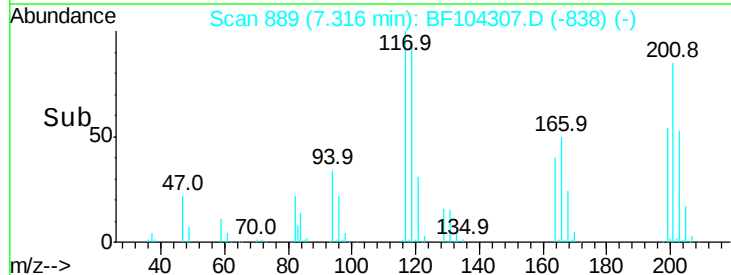
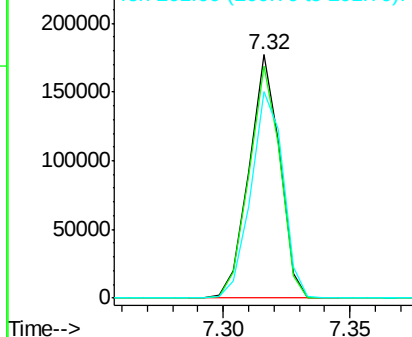


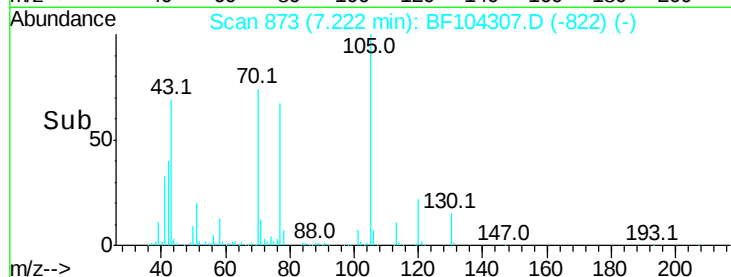
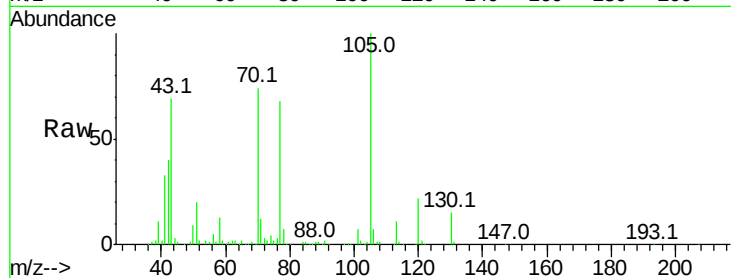
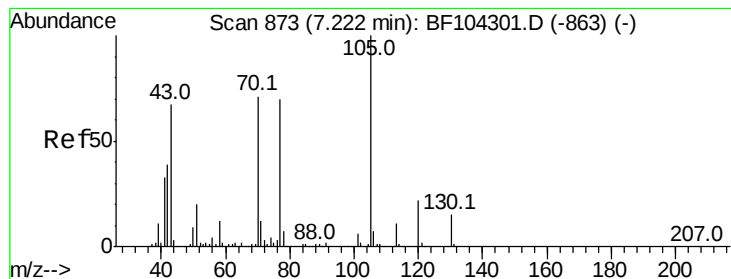
#18
Hexachloroethane
Concen: 39.128 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:117 Resp: 149449
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 84.8 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: 37.275 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 268976

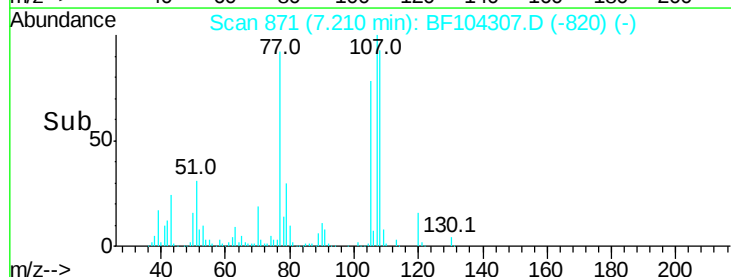
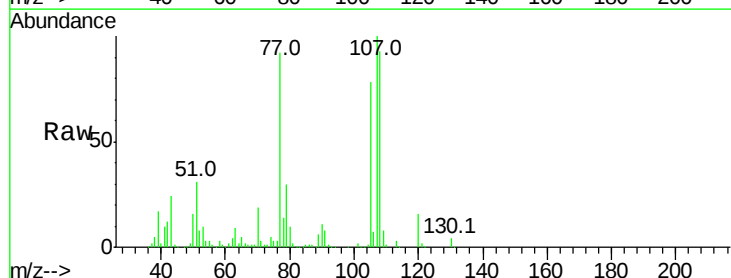
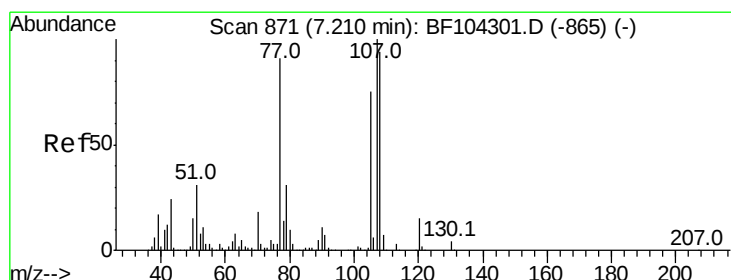
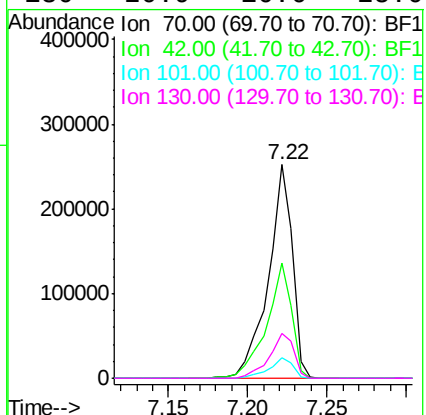
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 9.6 7.4 11.2

130 20.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.624 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Tgt Ion:107 Resp: 394994

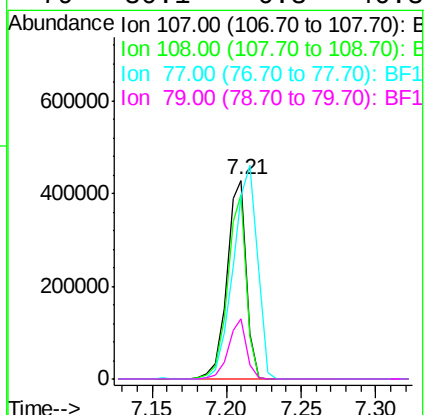
Ion Ratio Lower Upper

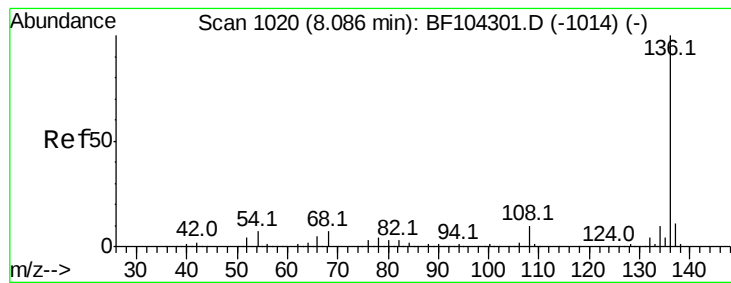
107 100

108 92.5 68.2 108.2

77 91.9 26.7 66.7#

79 30.1 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: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 557886

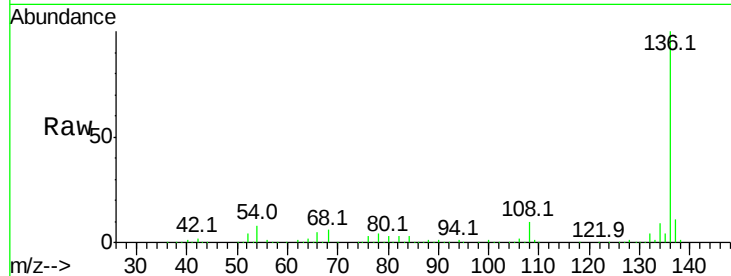
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.6 9.8

68 6.4 5.0 7.4

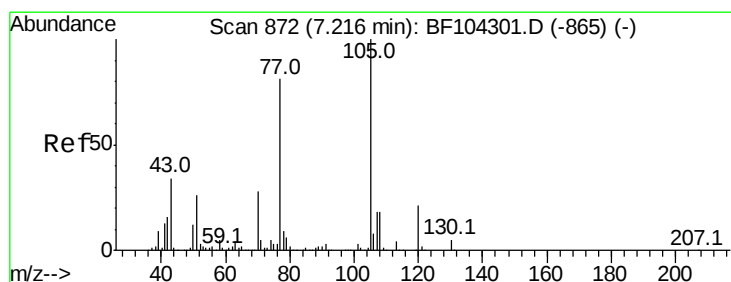
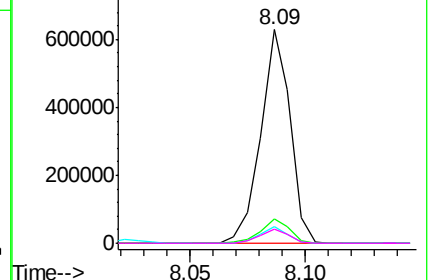
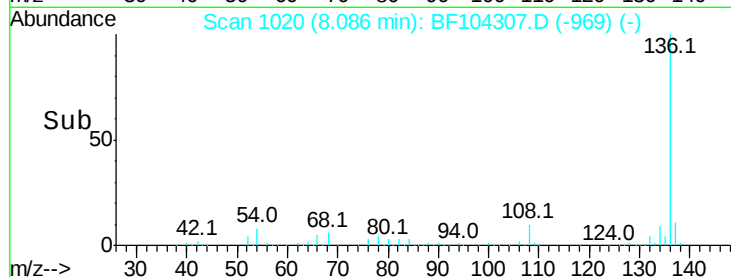


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.621 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Tgt Ion:105 Resp: 530453

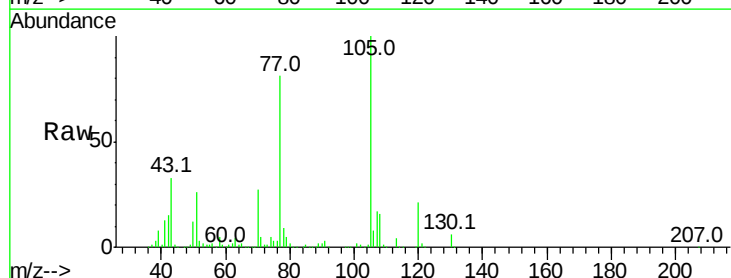
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 25.8 22.3 33.5

120 21.2 16.9 25.3

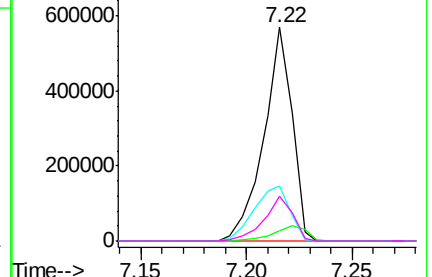
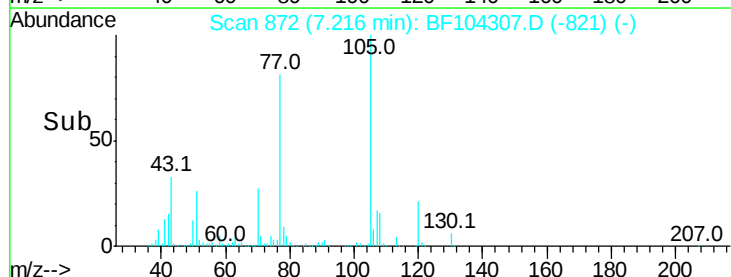


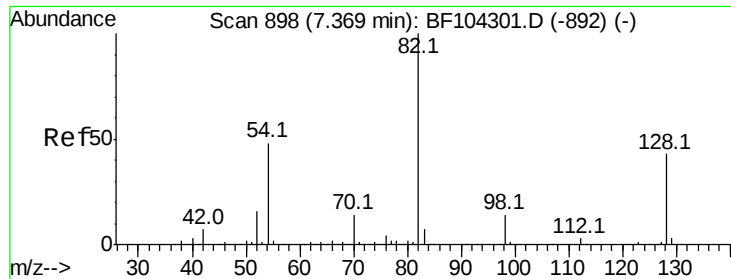
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

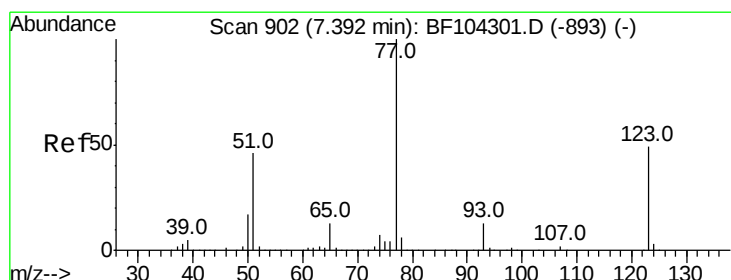
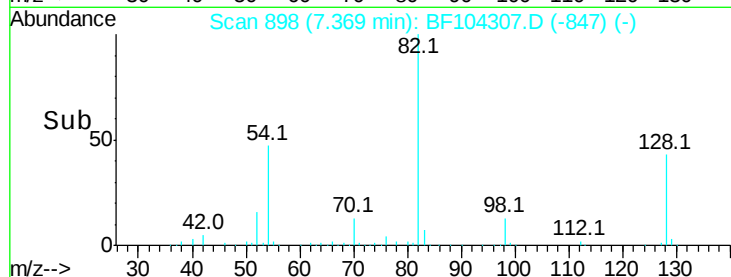
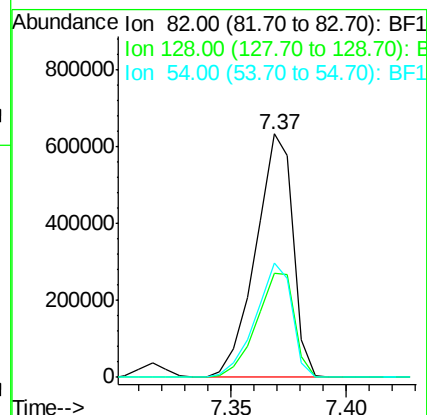
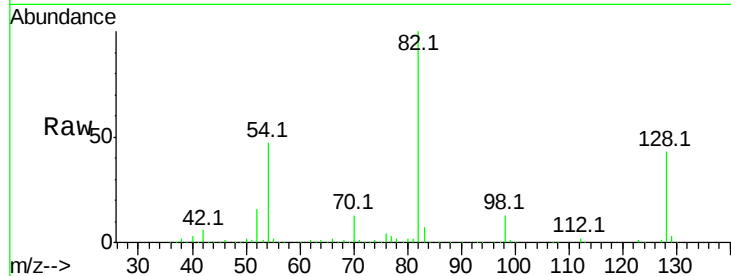




#23
 Nitrobenzene-d5
 Concen: 83.357 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

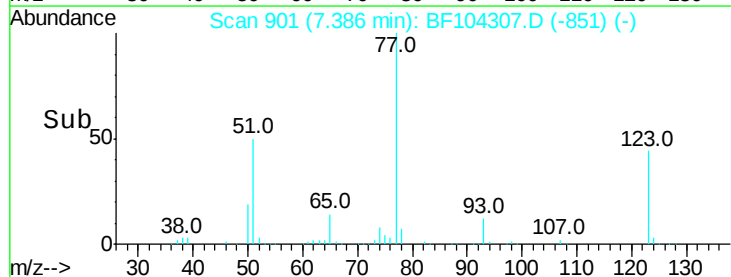
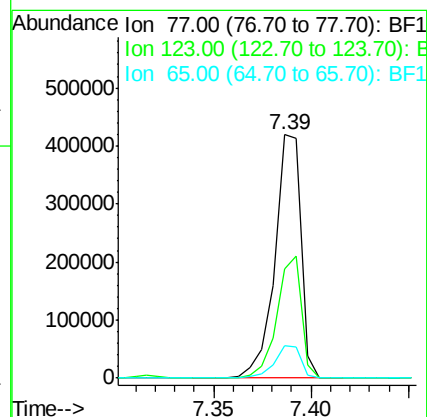
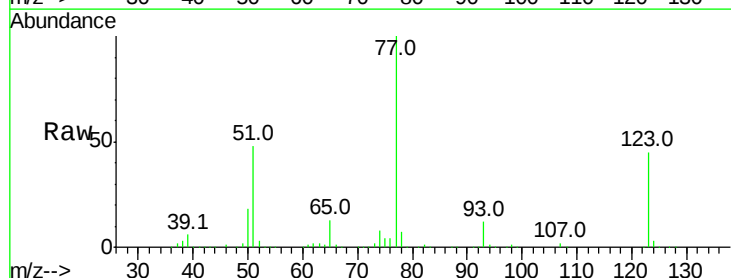
Instrument :
 BNA_F
 ClientSampleId :

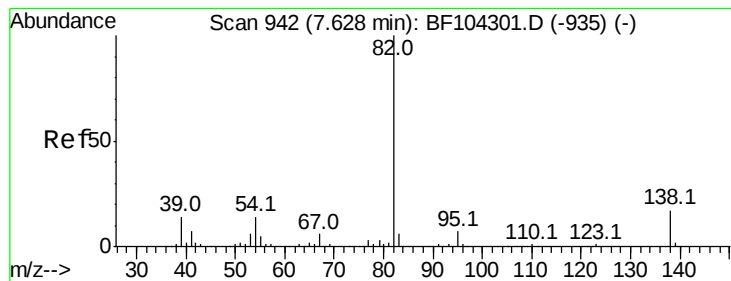
Tot Ion: 82 Resp: 712176
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 47.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.170 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion: 77 Resp: 388345
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 38.117 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

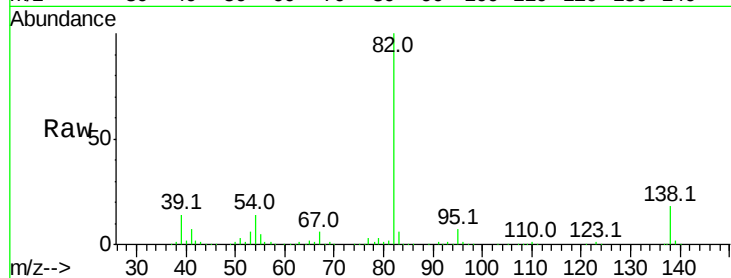
Tot Ion: 82 Resp: 688655

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

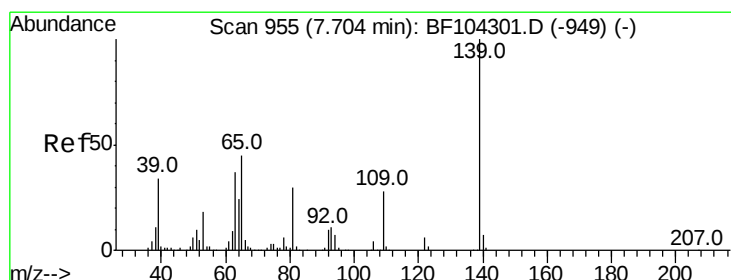
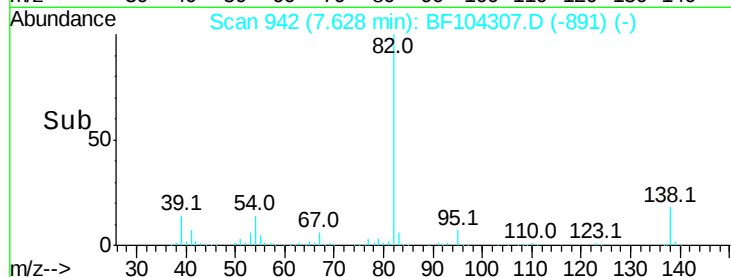
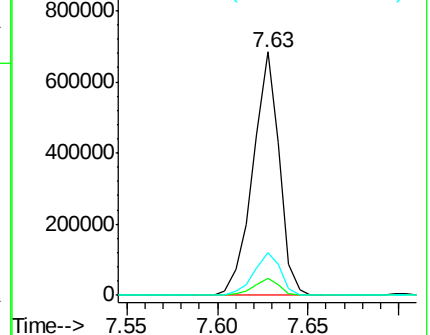
138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.248 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

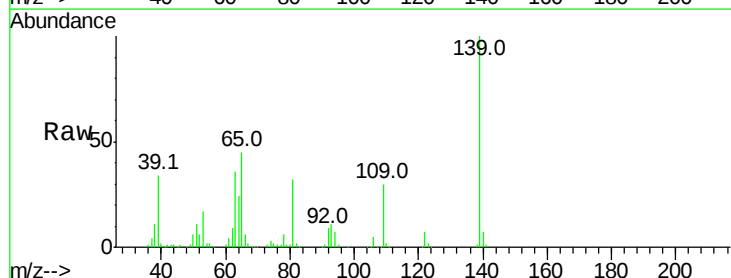
Tgt Ion: 139 Resp: 169917

Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

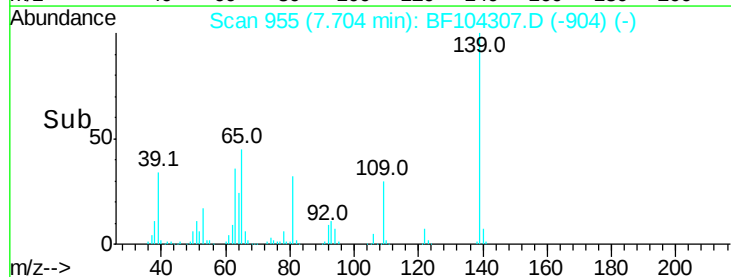
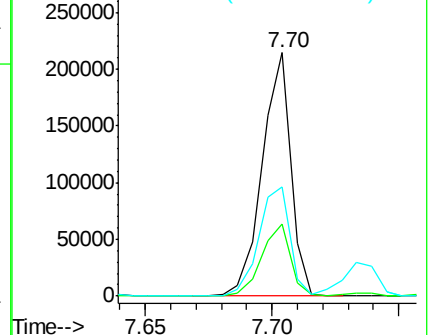
65 45.0 40.5 60.7

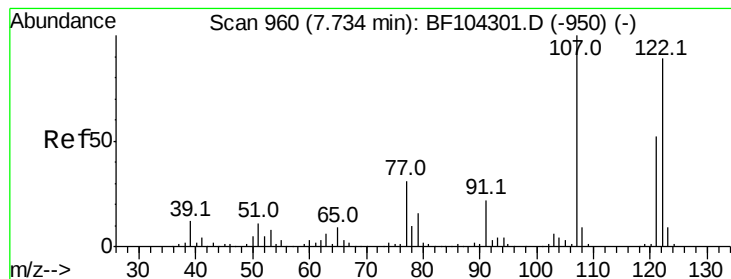


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.297 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

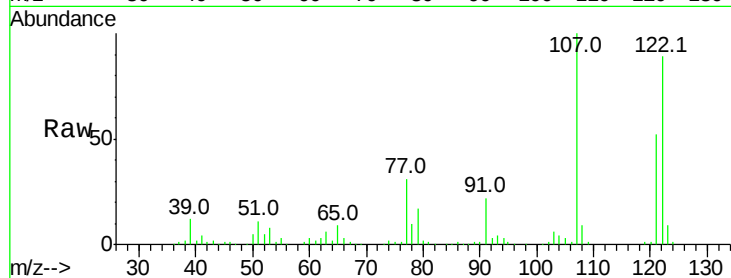
Tot Ion:122 Resp: 313334

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

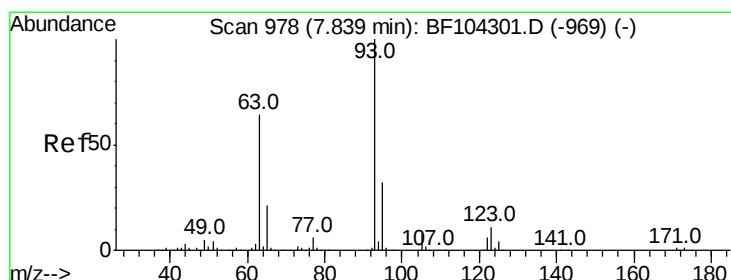
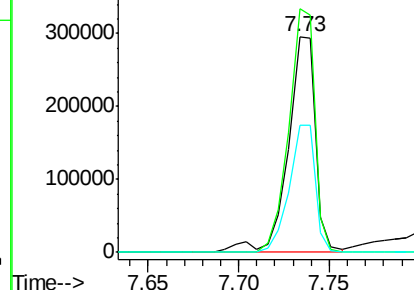
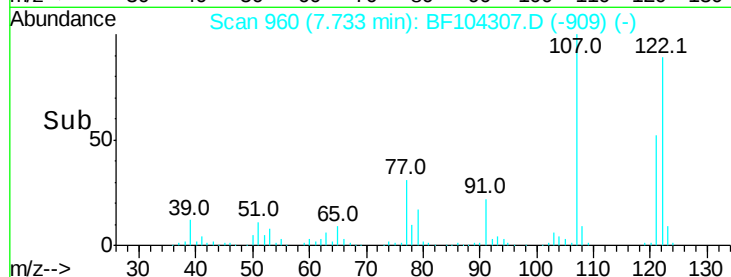
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.671 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

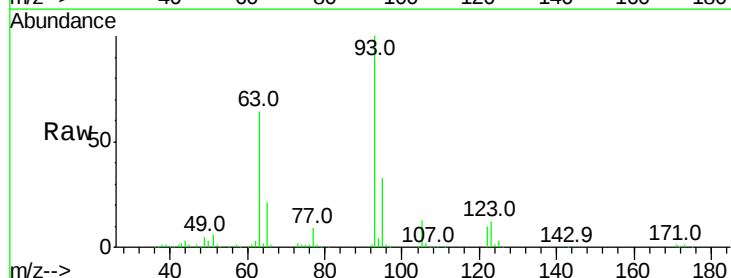
Tgt Ion: 93 Resp: 427172

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

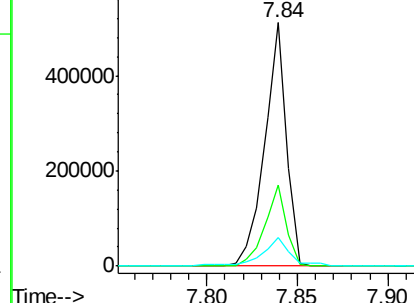
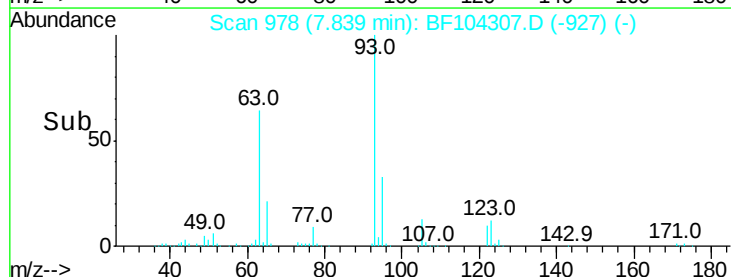
123 11.6 9.8 14.6

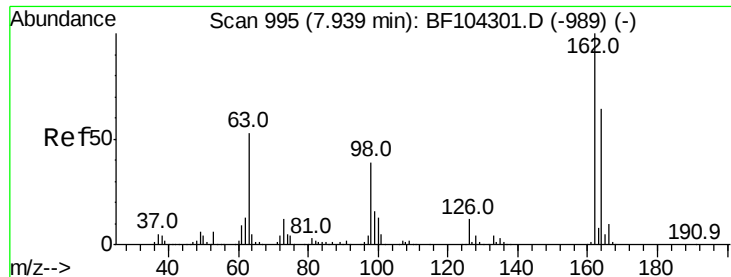


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.121 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampled :

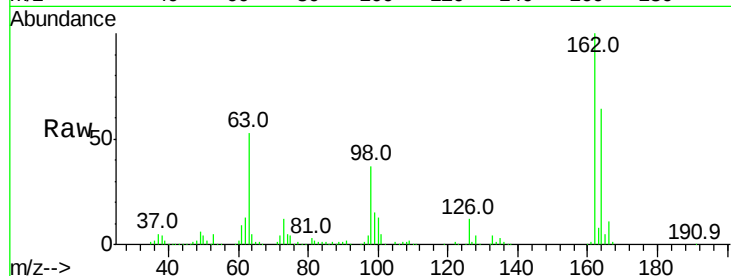
Tot Ion:162 Resp: 297625

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

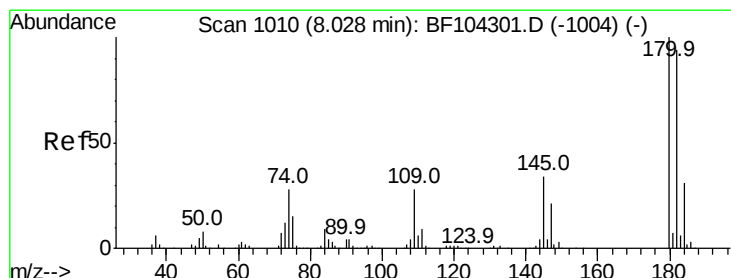
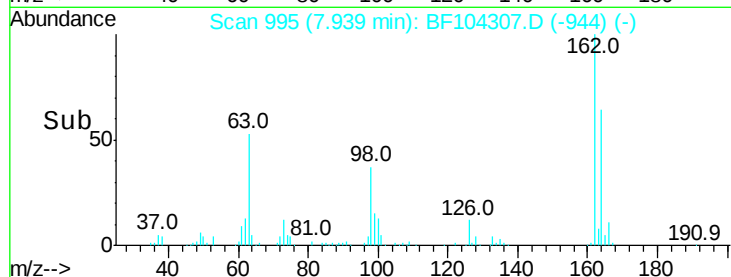
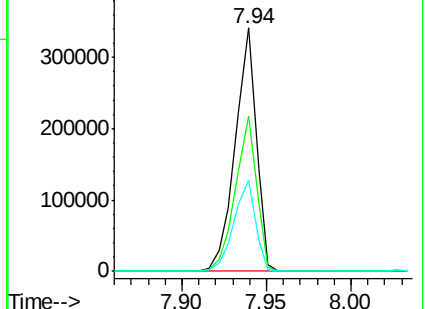
98 37.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.724 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

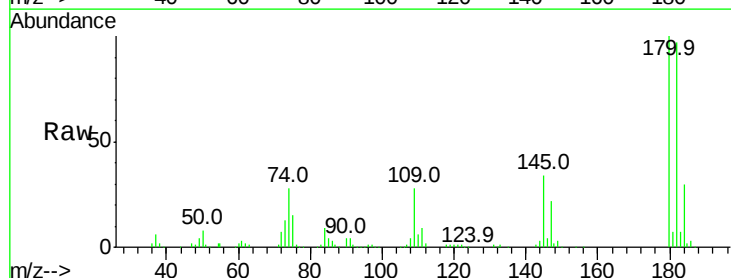
Tgt Ion:180 Resp: 323319

Ion Ratio Lower Upper

180 100

182 96.9 76.8 115.2

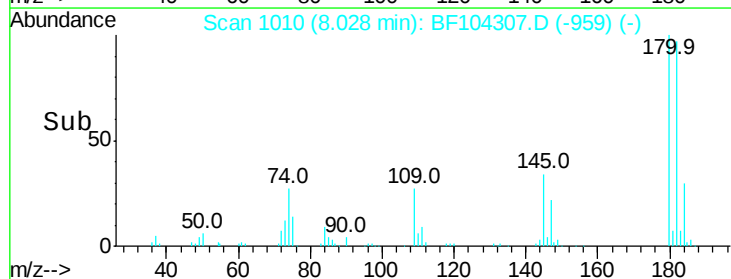
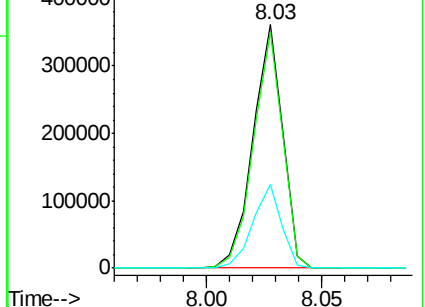
145 34.2 26.5 39.7

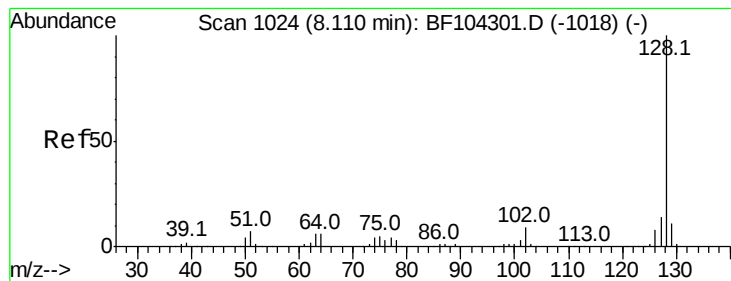


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.683 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

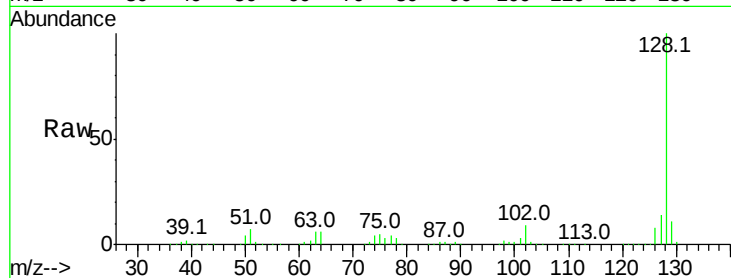
Tot Ion:128 Resp: 1074606

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

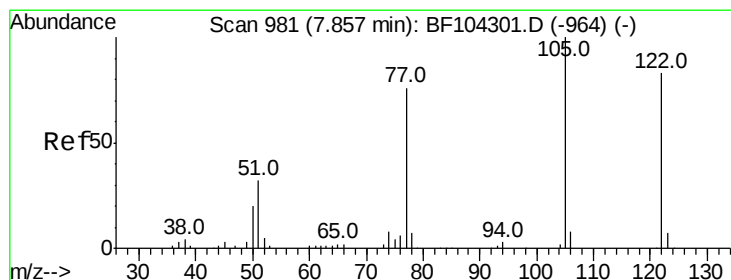
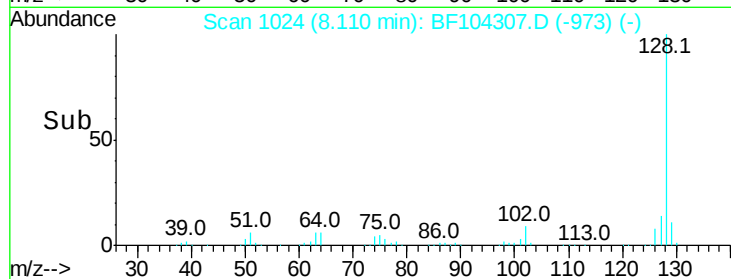
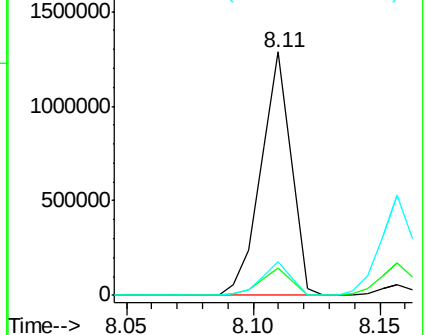
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.602 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

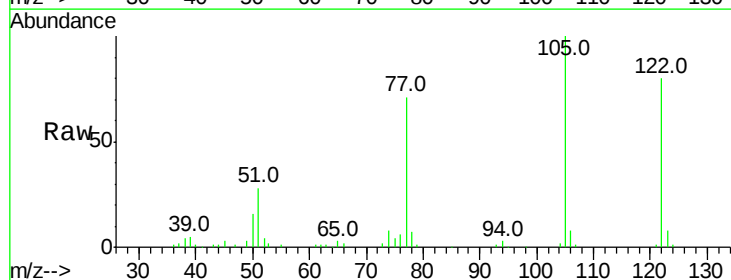
Tgt Ion:122 Resp: 277390

Ion Ratio Lower Upper

122 100

105 124.4 101.1 141.1

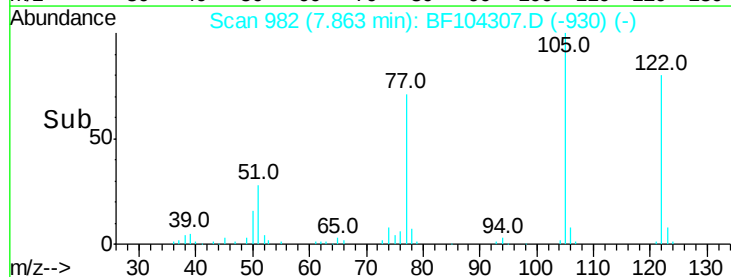
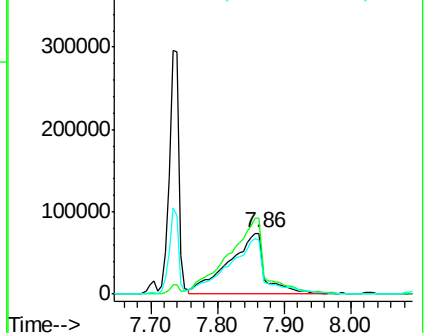
77 88.3 70.7 110.7

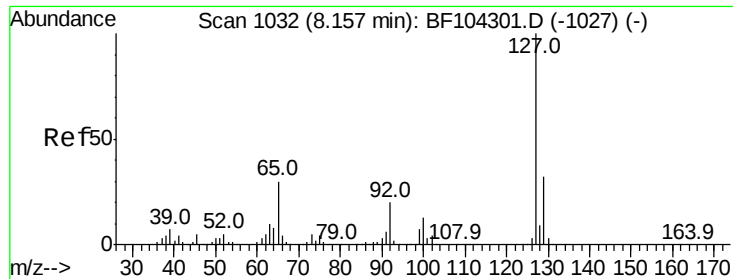


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

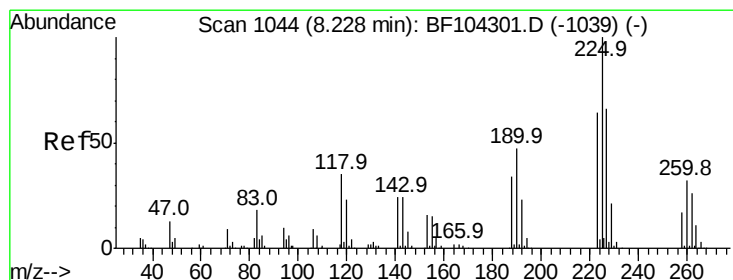
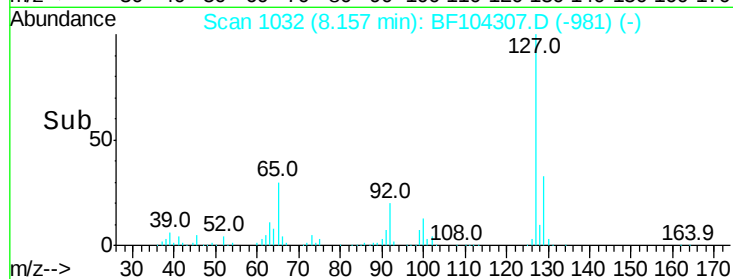
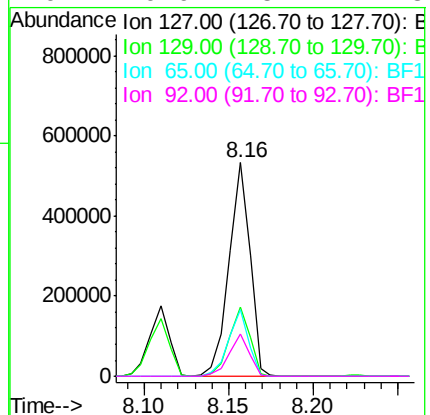
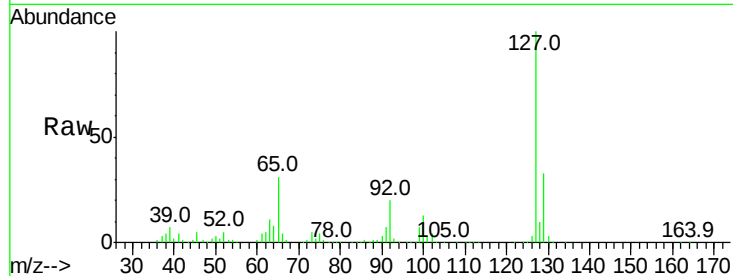




#33
4-Chloroaniline
Concen: 38.710 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

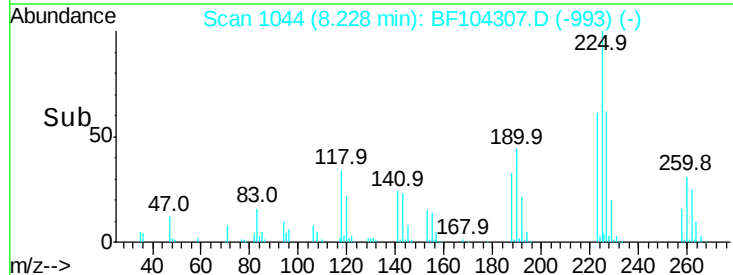
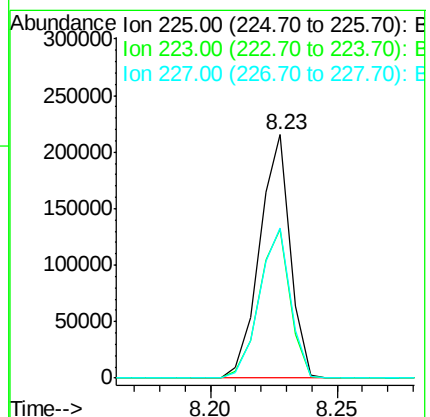
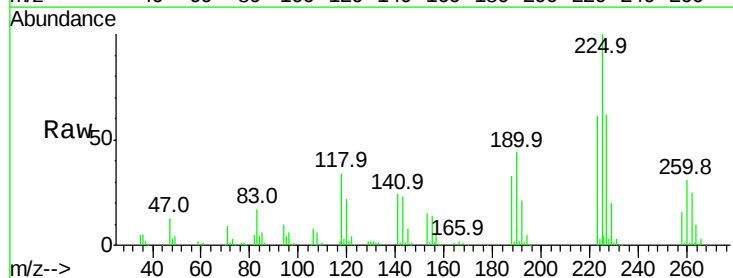
Instrument :
BNA_F
ClientSampleId :

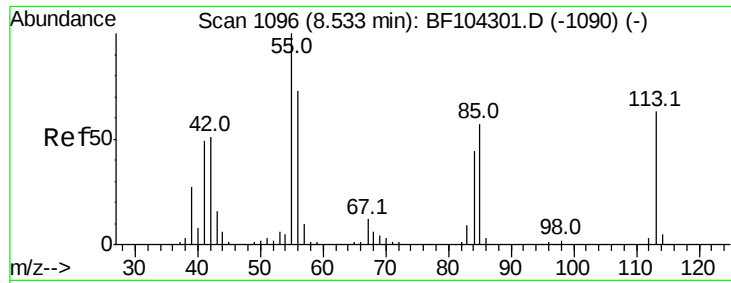
Tot Ion:	127	Resp:	460698
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.0	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.429 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:	225	Resp:	180319
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	61.8	51.9	77.9

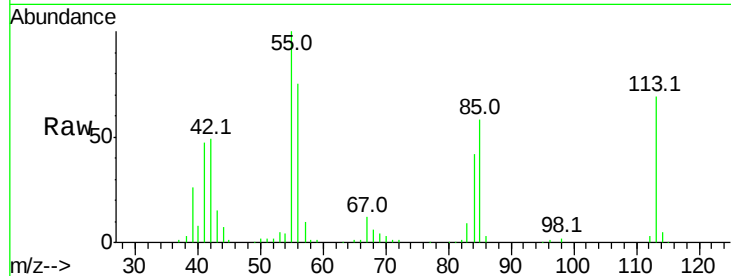




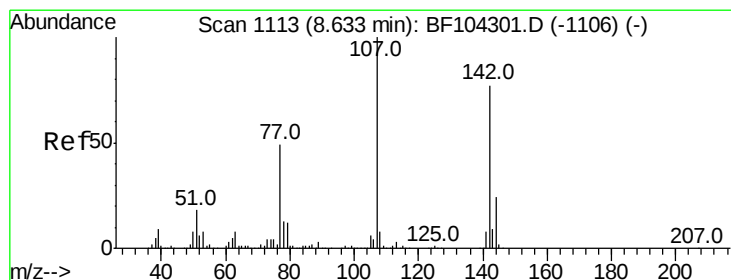
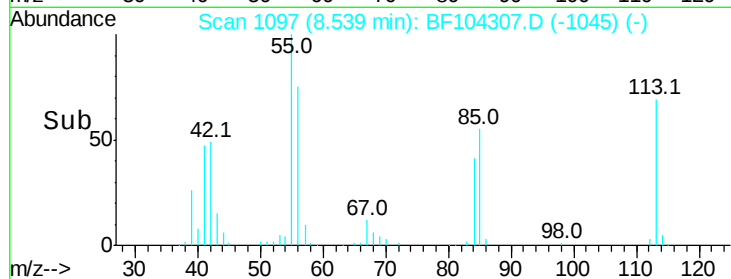
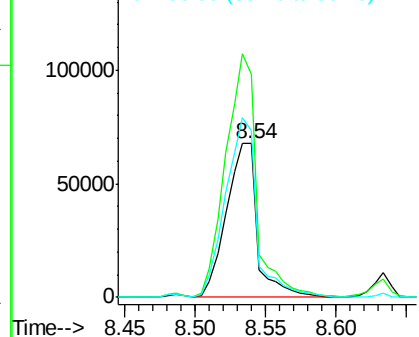
#35
 Caprolactam
 Concen: 39.170 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 103958
 Ion Ratio Lower Upper
 113 100
 55 145.4 163.3 203.3#
 56 108.9 115.7 155.7#

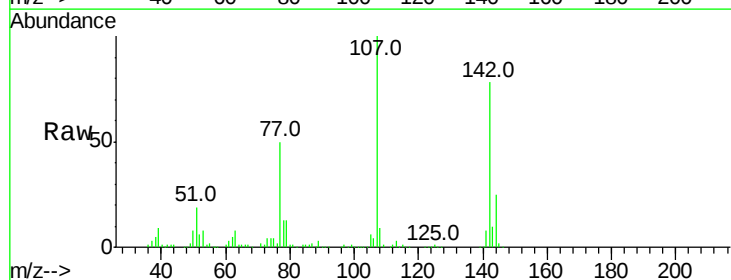


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

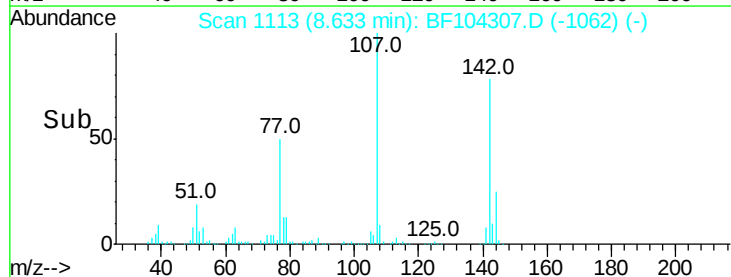
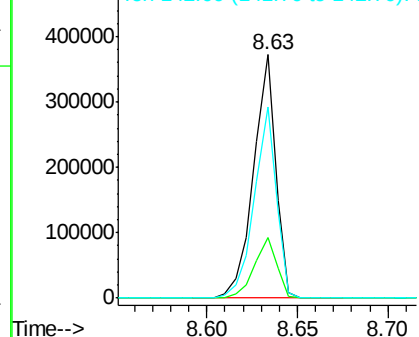


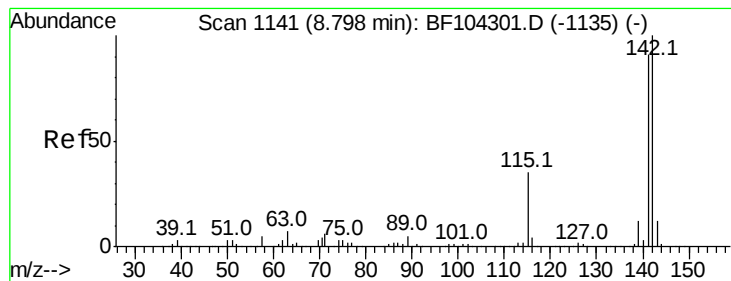
#36
 4-Chloro-3-methylphenol
 Concen: 38.983 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:107 Resp: 318013
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 78.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

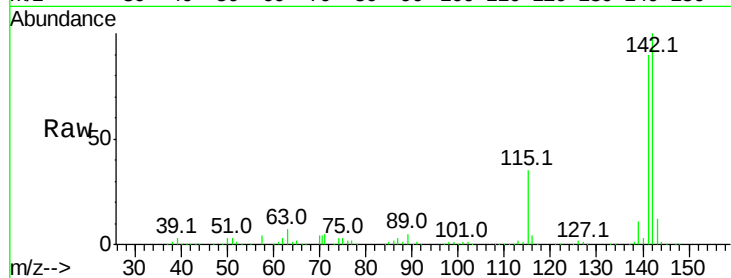




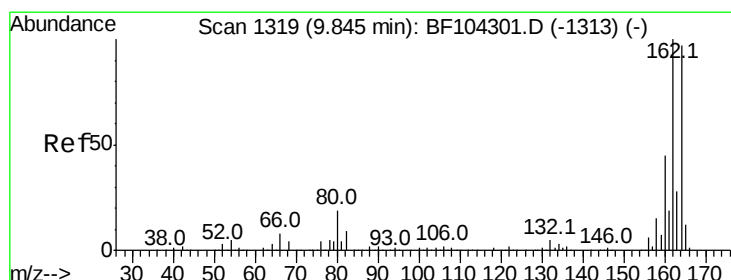
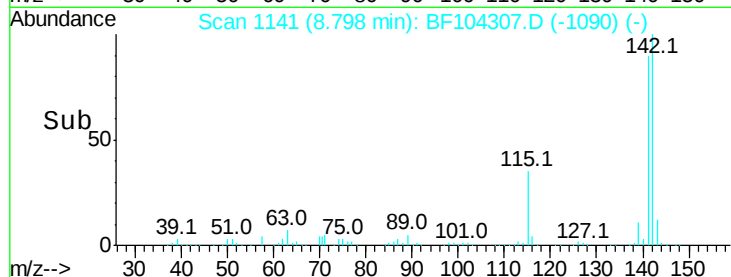
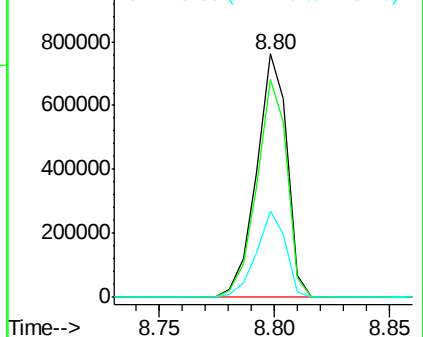
#37
 2-Methylnaphthalene
 Concen: 39.058 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	35.3	26.1	39.1

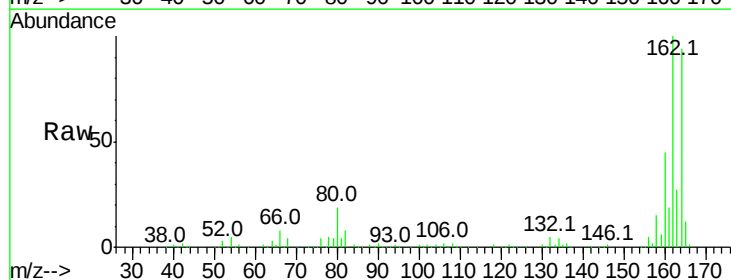


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

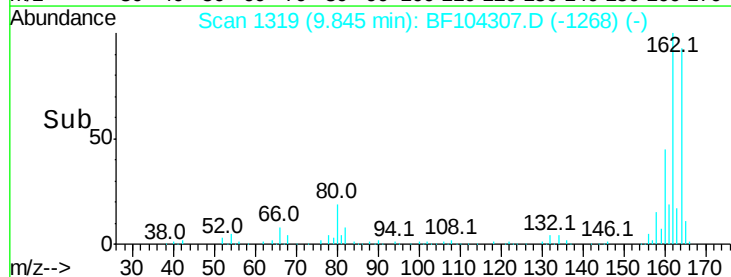
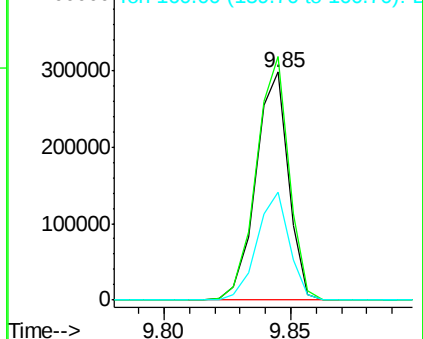


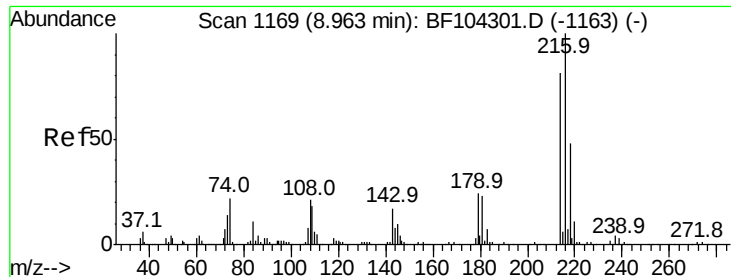
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	47.6	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

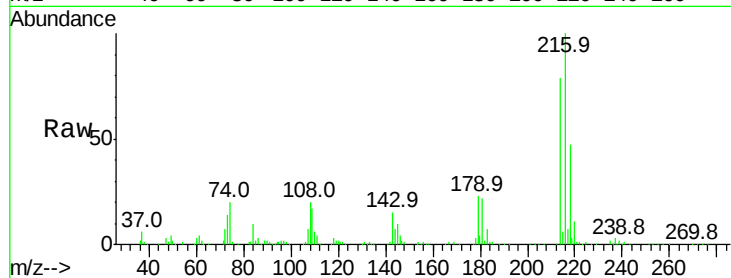




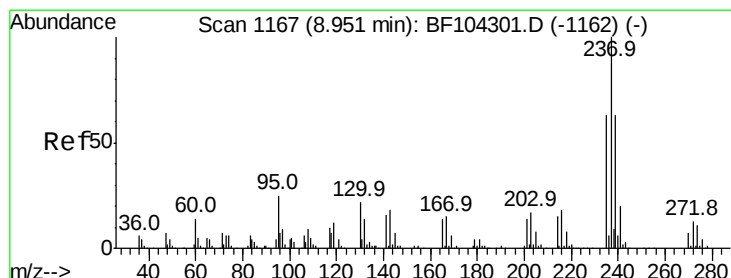
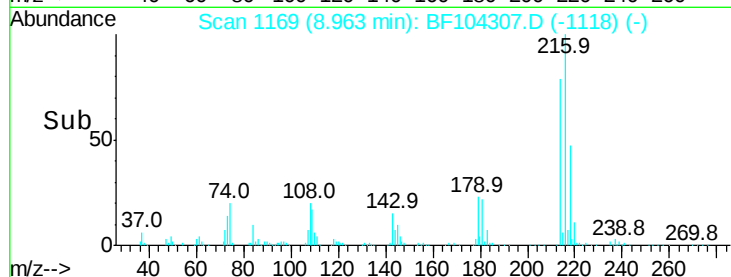
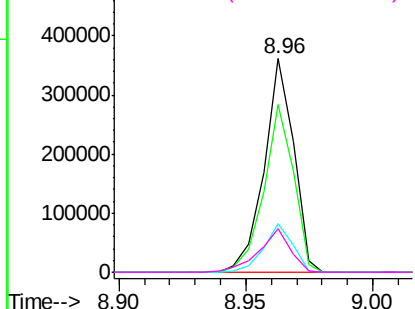
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.142 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	293268
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.6	18.1	27.1
108	21.8	17.2	25.8

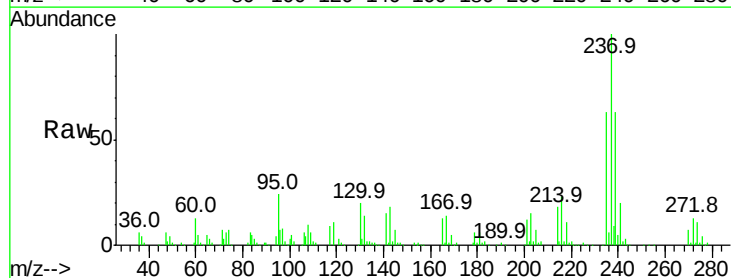


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

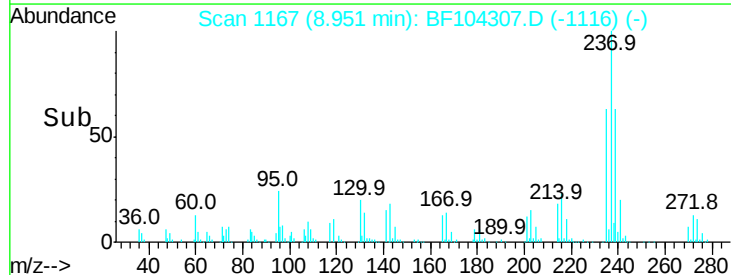
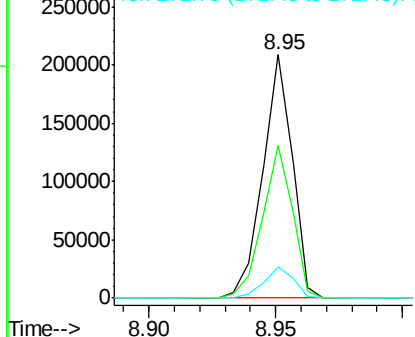


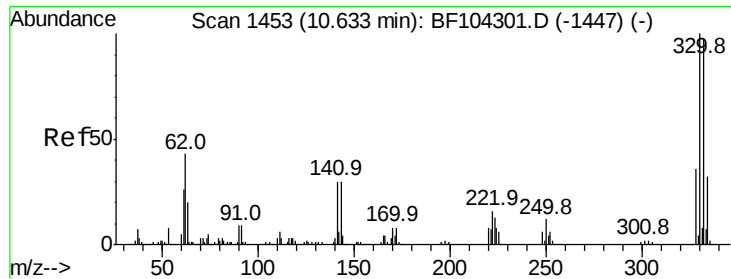
#40
 Hexachlorocyclopentadiene
 Concen: 39.625 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:	237	Resp:	170565
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	12.8	0.0	33.3



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

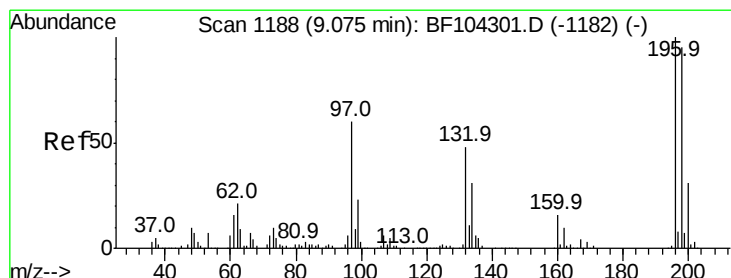
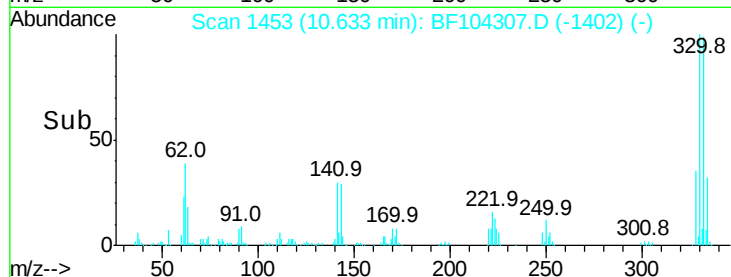
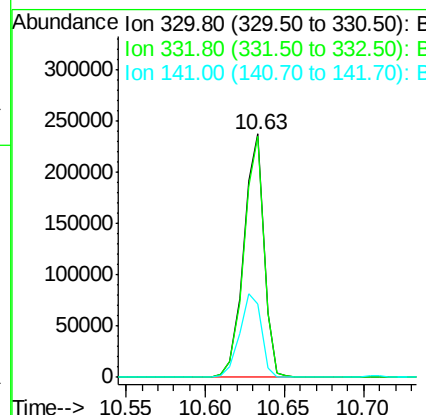
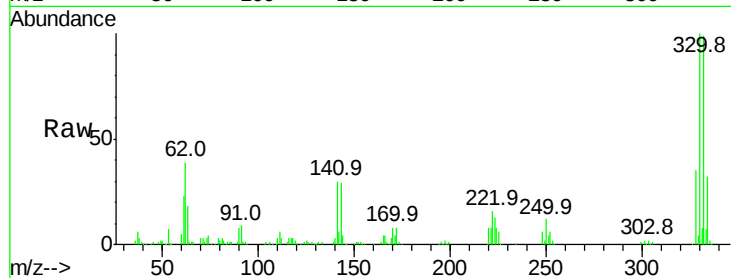




#41
 2,4,6-Tribromophenol
 Concen: 75.771 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

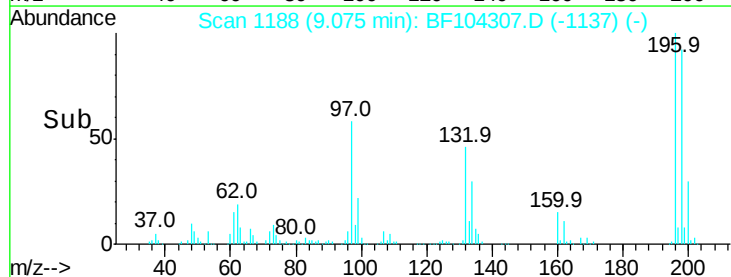
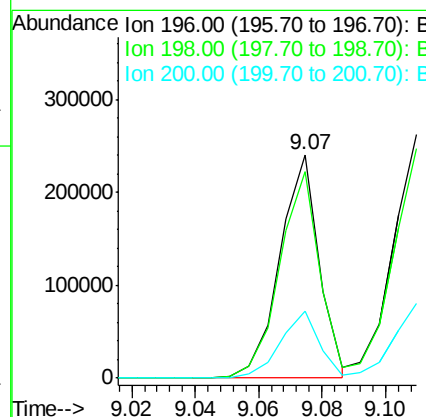
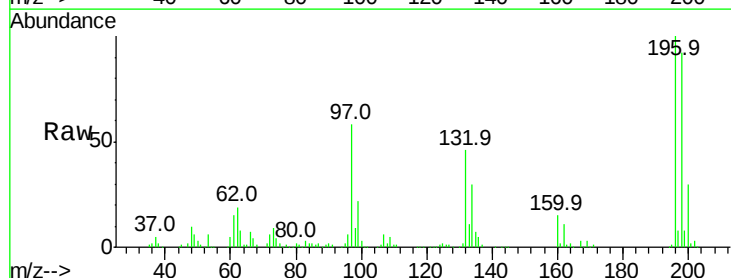
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	36.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.836 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
200	30.2	24.5	36.7

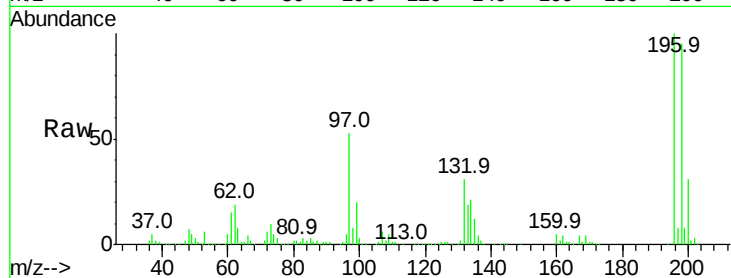




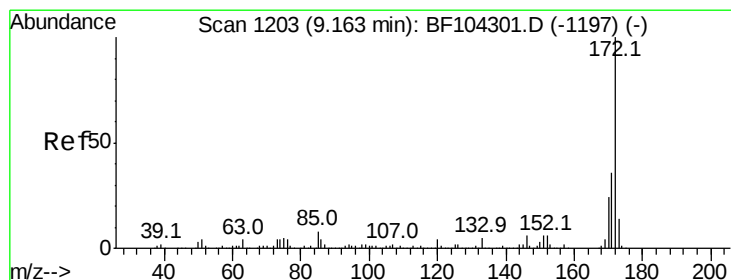
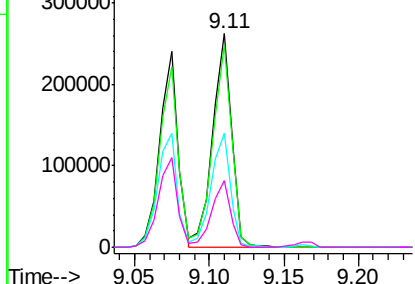
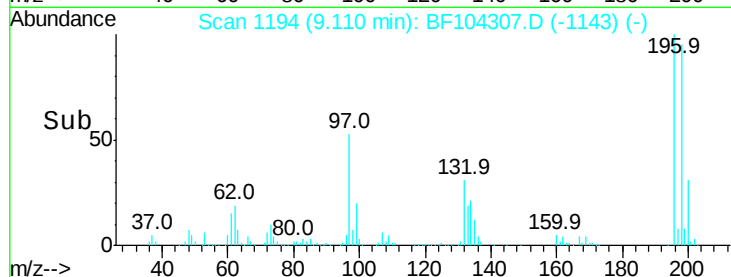
#43
 2,4,5-Trichlorophenol
 Concen: 38.537 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 230173
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 53.5 42.9 64.3
 132 31.2 26.3 39.5

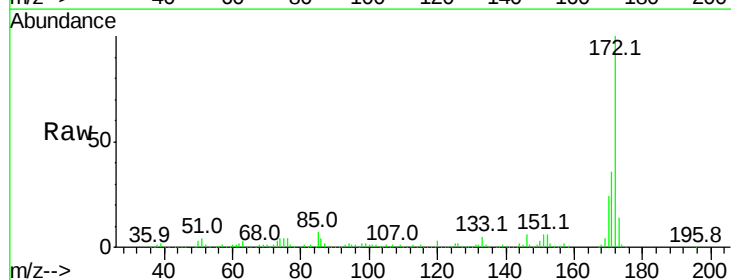


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

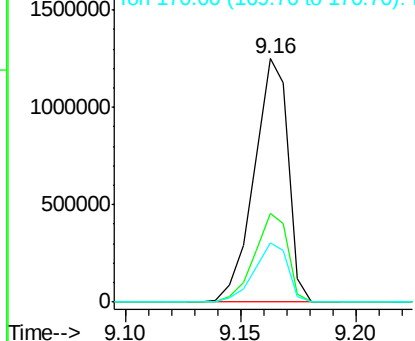
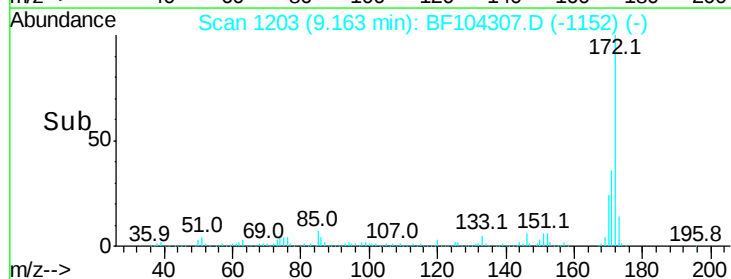


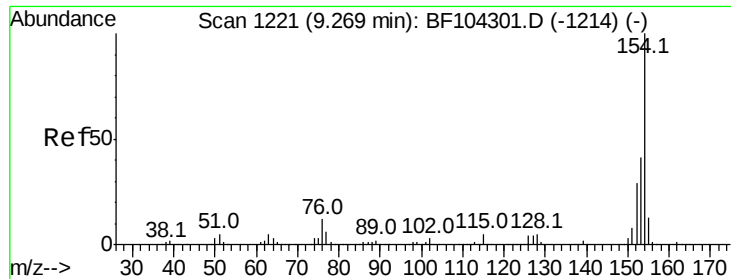
#44
 2-Fluorobiphenyl
 Concen: 75.417 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:172 Resp: 1282272
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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: 37.937 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampled :

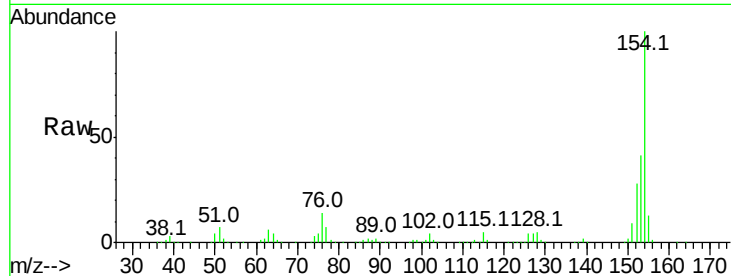
Tot Ion:154 Resp: 856018

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

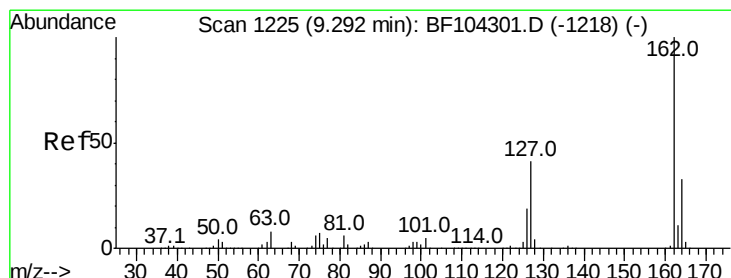
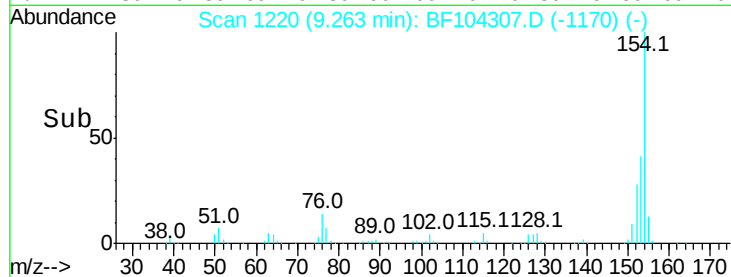
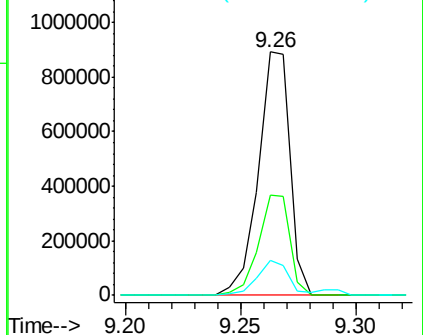
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.925 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

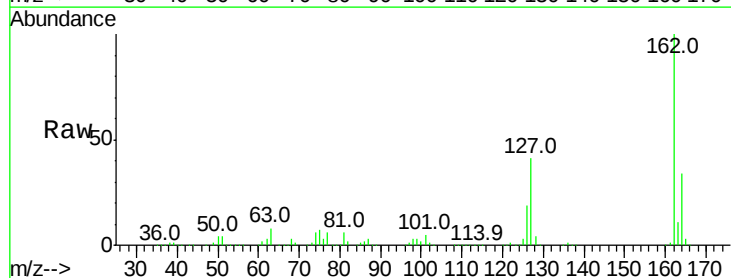
Tgt Ion:162 Resp: 675919

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

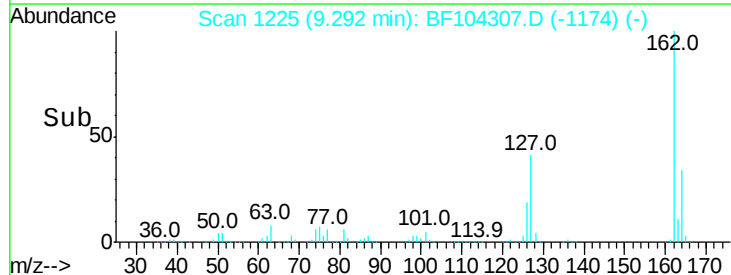
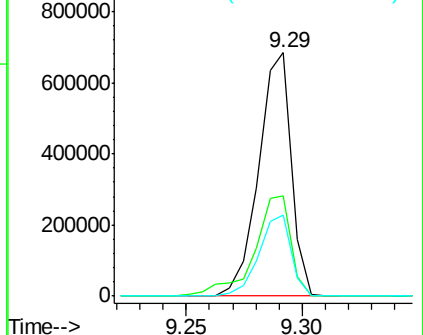
164 33.5 26.5 39.7

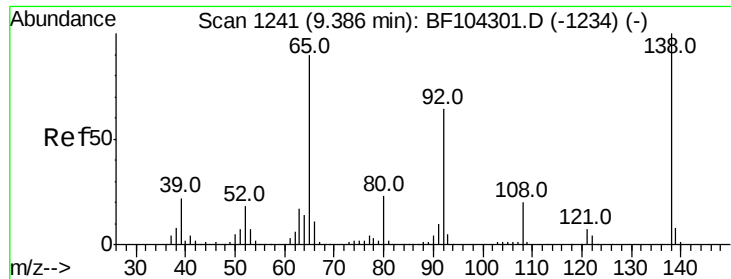


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

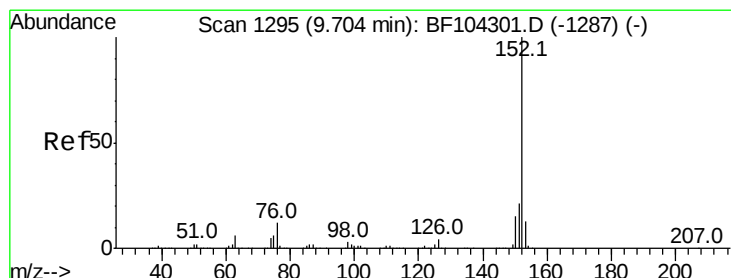
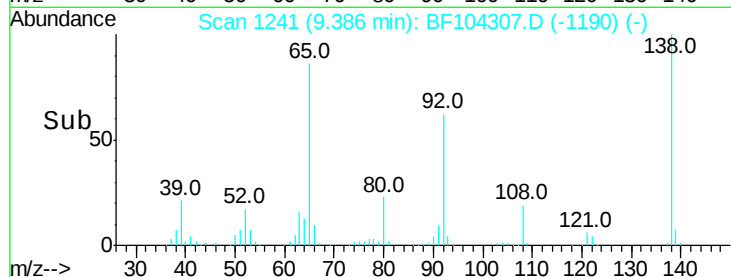
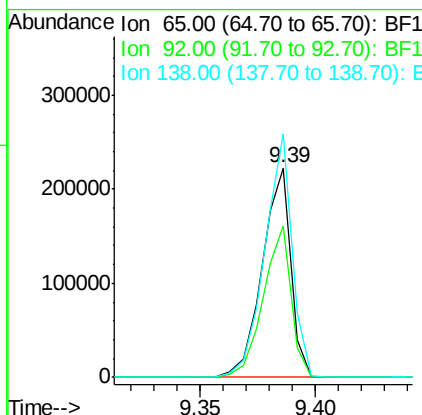
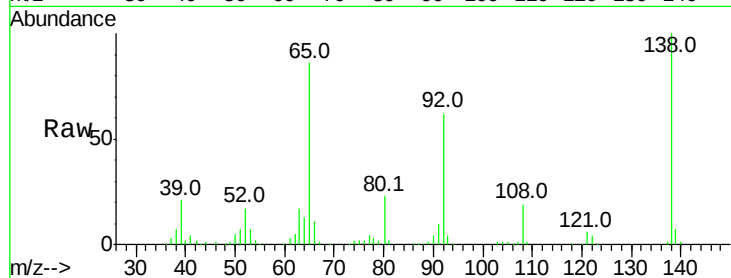




#47
 2-Nitroaniline
 Concen: 43.506 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

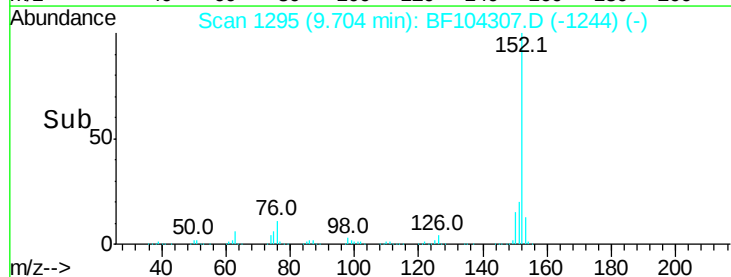
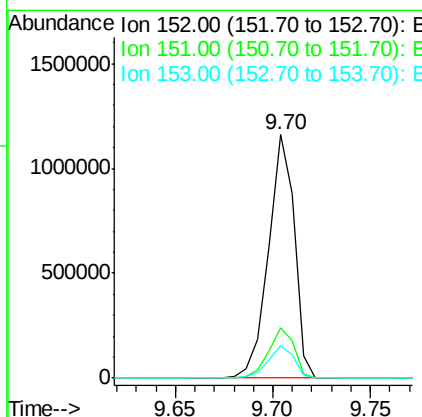
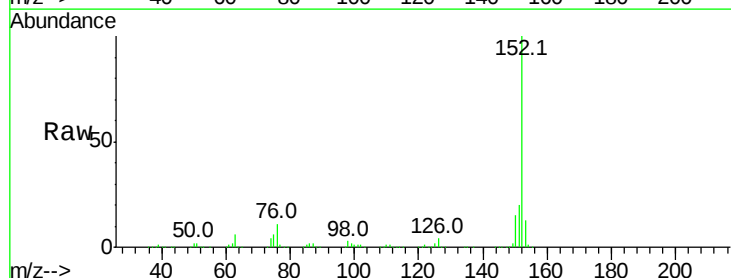
Instrument :
 BNA_F
 ClientSampleId :

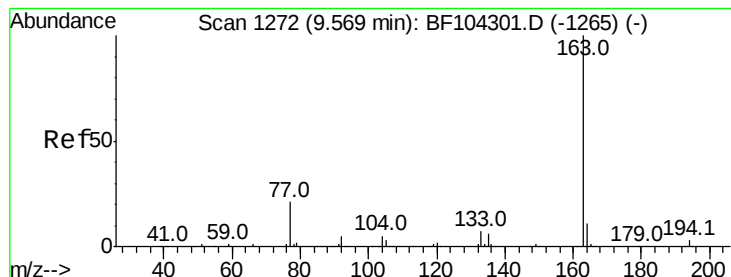
Tot Ion: 65 Resp: 191753
 Ion Ratio Lower Upper
 65 100
 92 72.2 55.8 83.6
 138 116.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.087 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:152 Resp: 1065038
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 37.671 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

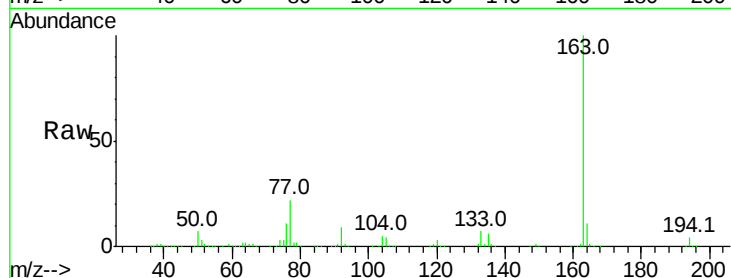
Tot Ion:163 Resp: 797910

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

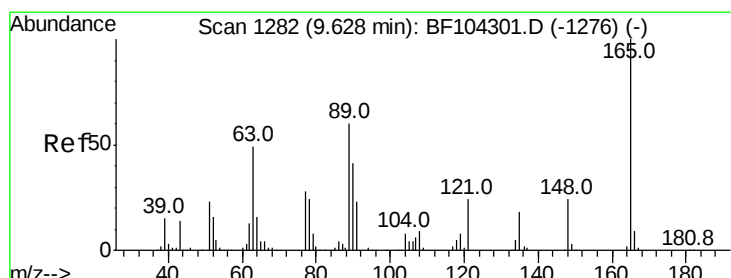
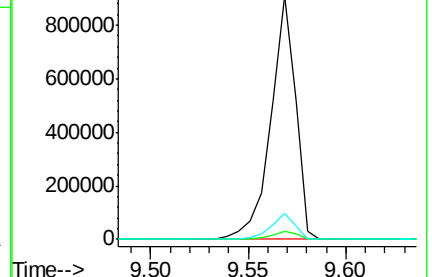
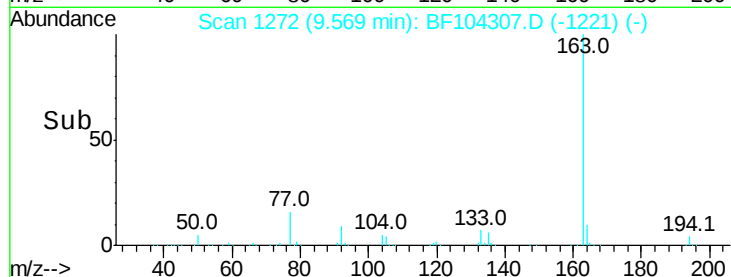
164 10.6 8.2 12.2



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: 43.228 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

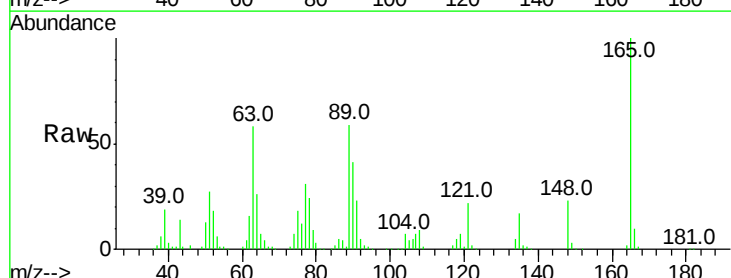
Tgt Ion:165 Resp: 169422

Ion Ratio Lower Upper

165 100

63 58.0 44.7 67.1

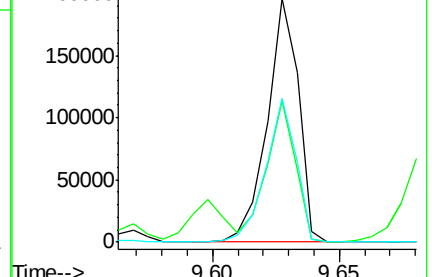
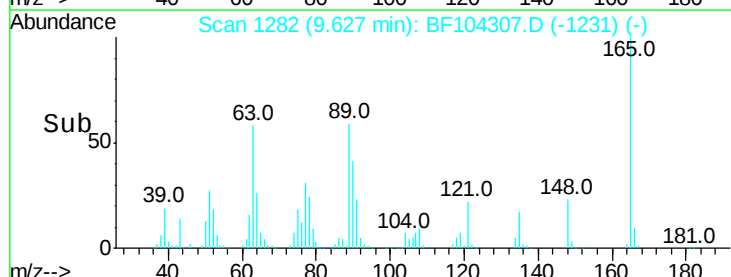
89 59.0 44.0 66.0



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: 37.766 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

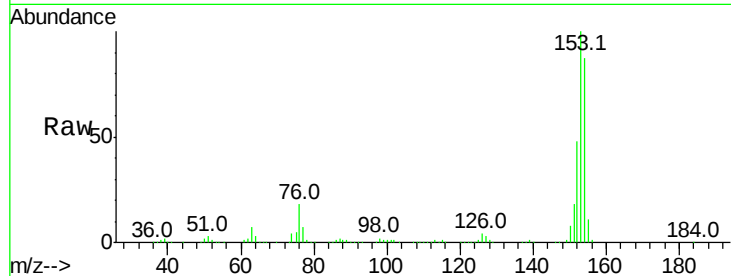
Tot Ion:154 Resp: 644333

Ion Ratio Lower Upper

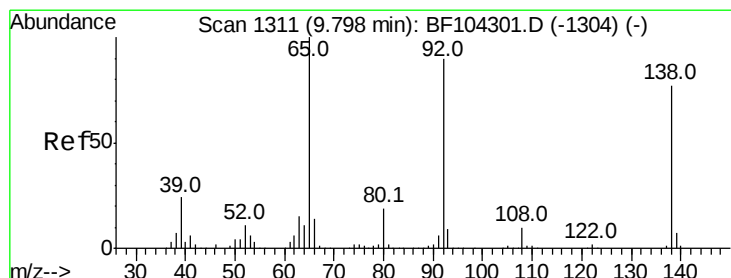
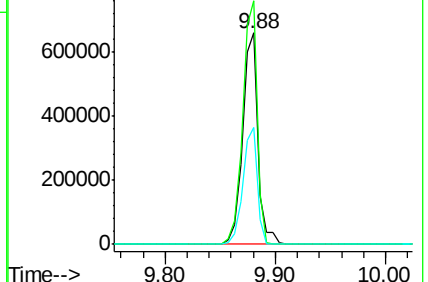
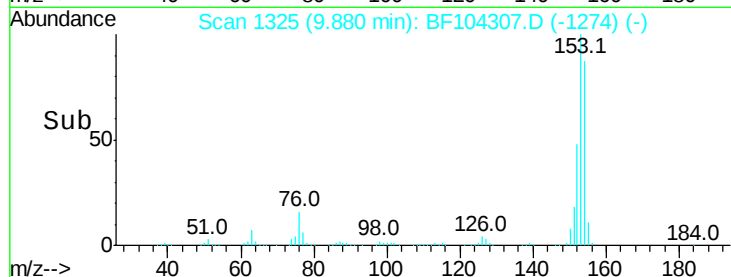
154 100

153 115.2 91.2 136.8

152 55.3 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: 42.819 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

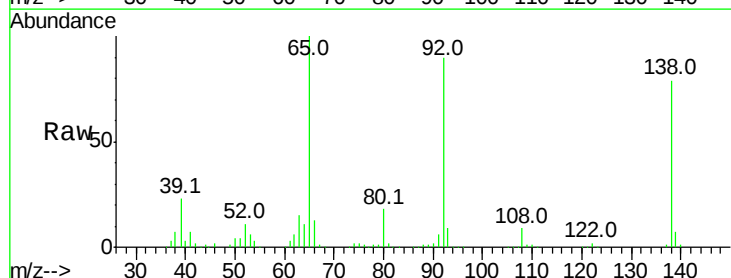
Tgt Ion:138 Resp: 196467

Ion Ratio Lower Upper

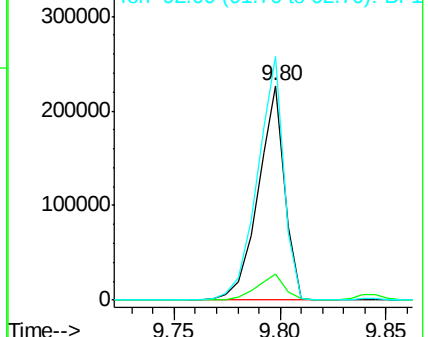
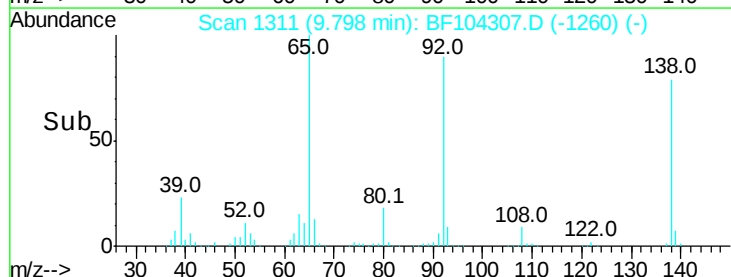
138 100

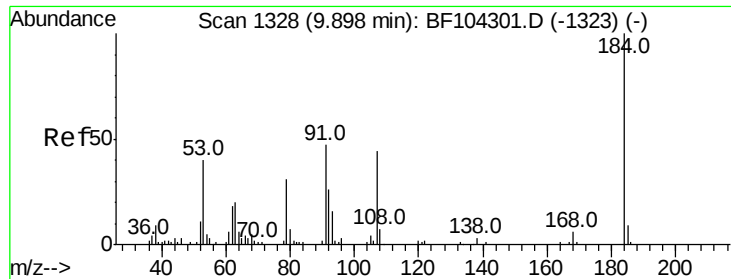
108 11.8 9.4 14.0

92 113.4 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

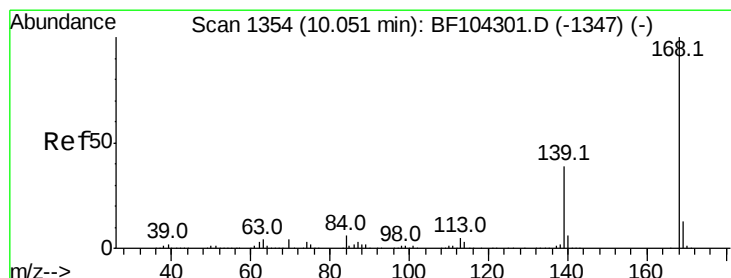
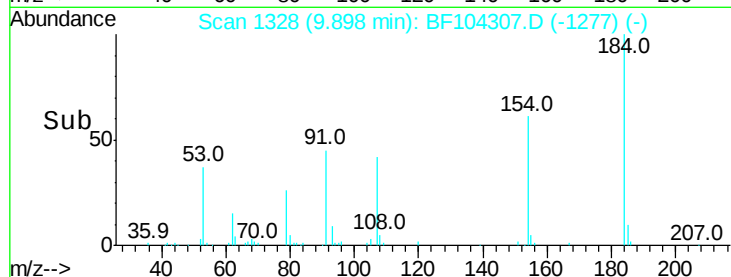
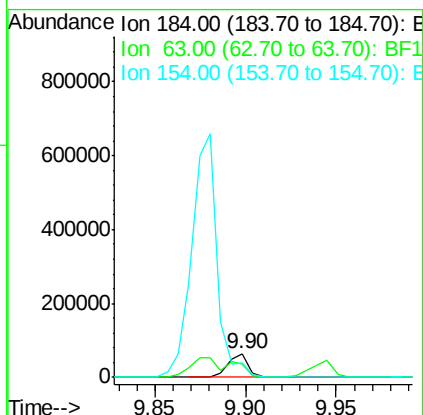
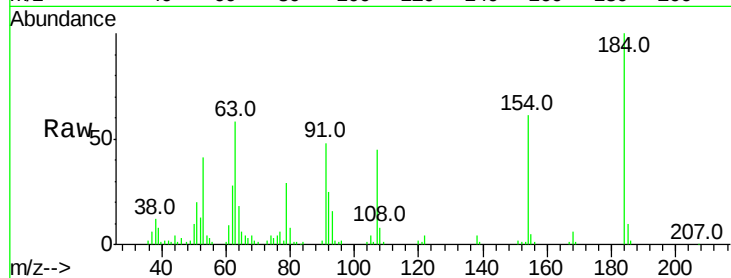




#53
 2,4-Dinitrophenol
 Concen: 41.673 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

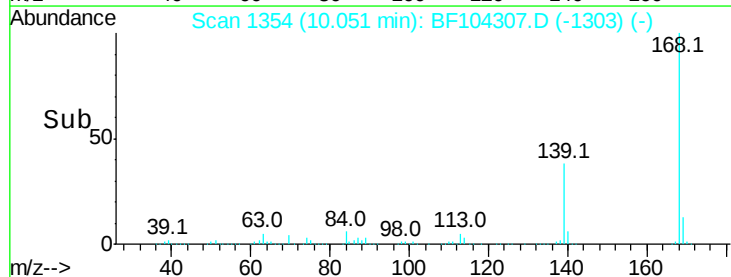
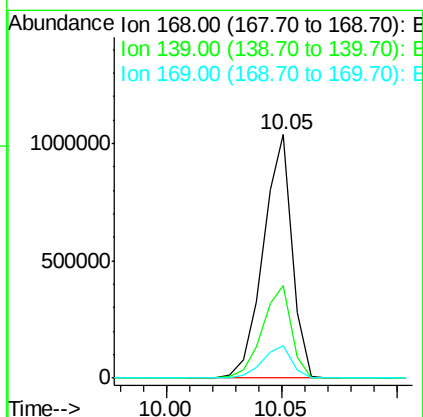
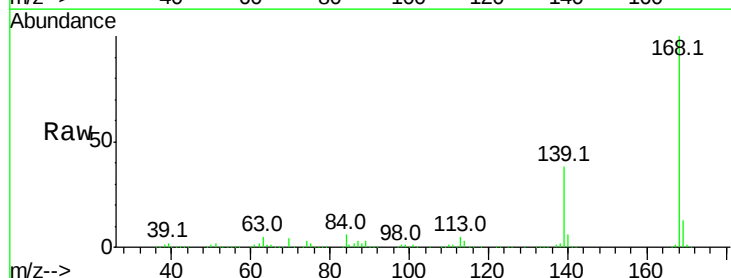
Instrument :
 BNA_F
 ClientSampled :

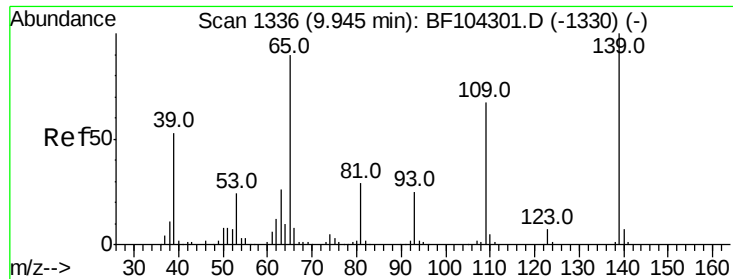
Tot Ion:184 Resp: 50750
 Ion Ratio Lower Upper
 184 100
 63 58.3 54.2 81.2
 154 61.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.838 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:168 Resp: 899665
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 41.994 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

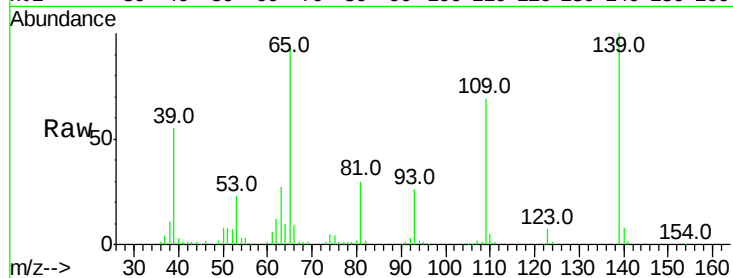
Tot Ion:139 Resp: 151357

Ion Ratio Lower Upper

139 100

109 69.0 48.4 88.4

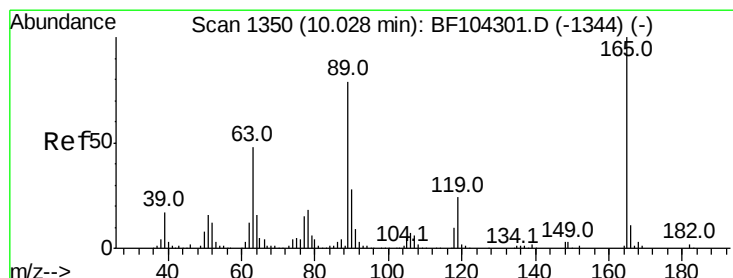
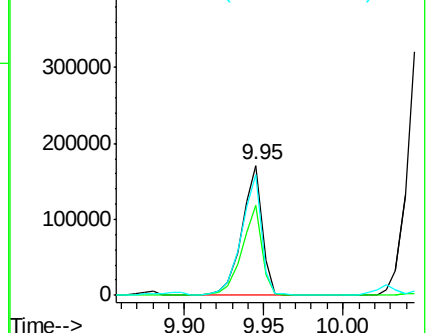
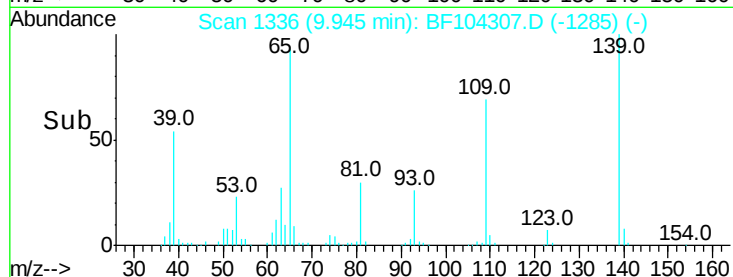
65 92.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 42.090 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Tgt Ion:165 Resp: 216382

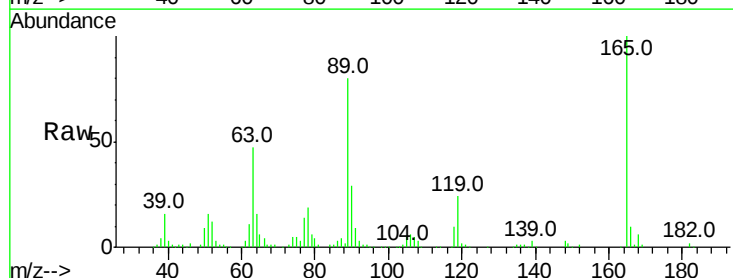
Ion Ratio Lower Upper

165 100

63 47.0 36.4 54.6

89 80.1 57.8 86.6

182 2.3 1.6 2.4

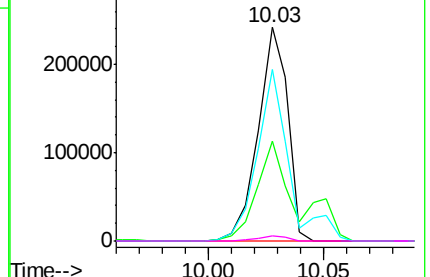
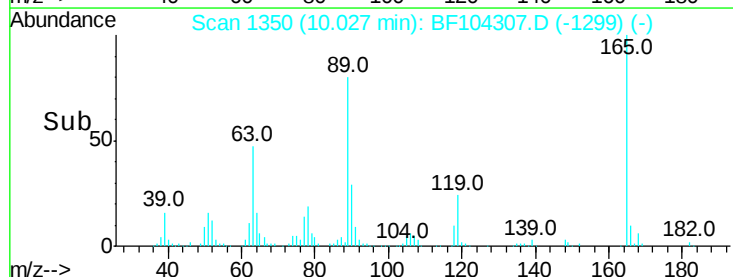


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

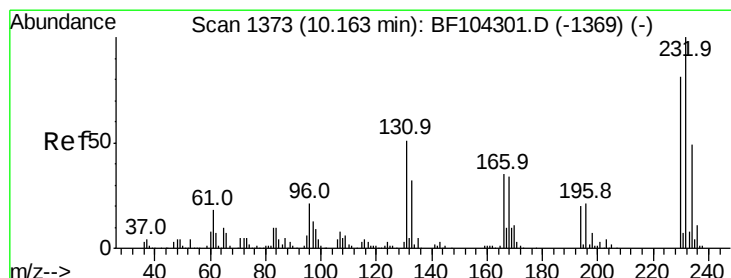
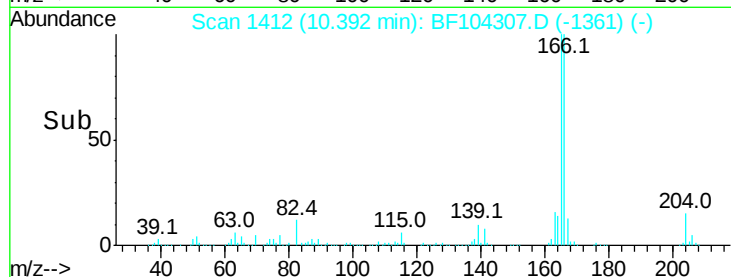
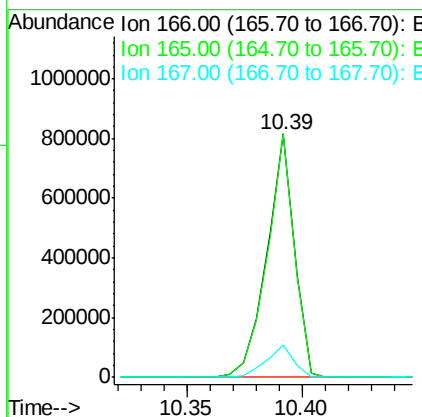
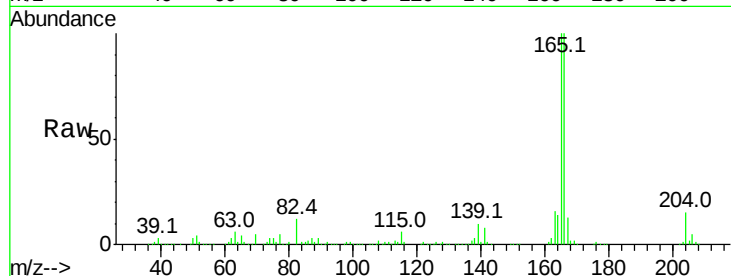




#57
 Fluorene
 Concen: 38.877 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

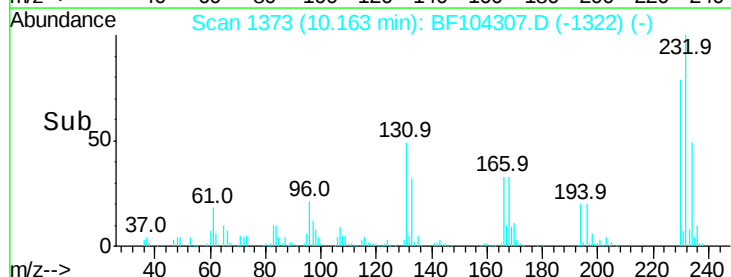
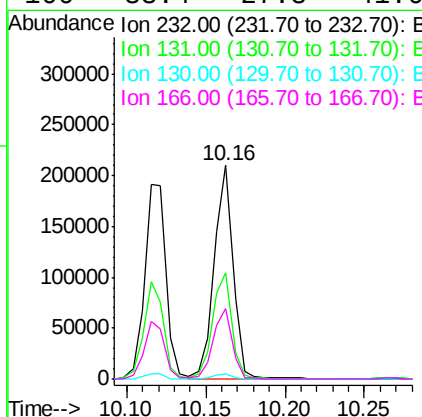
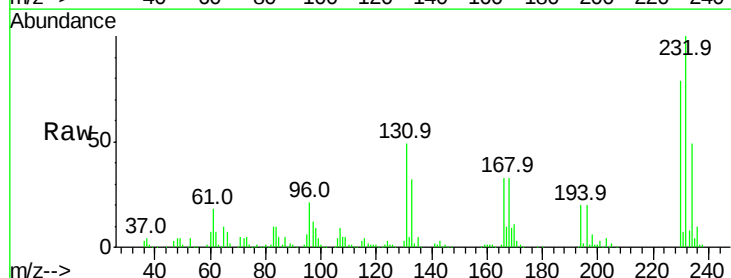
Instrument :
 BNA_F
 ClientSampleId :

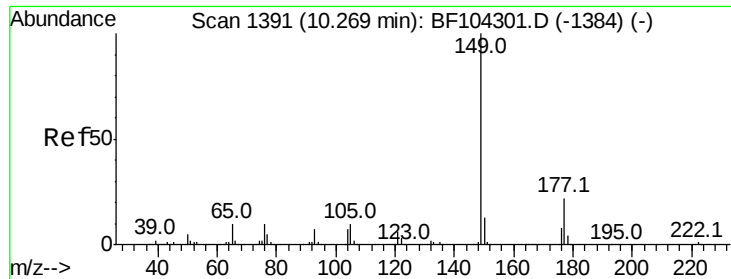
Tot Ion:166 Resp: 672819
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.425 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:232 Resp: 175674
 Ion Ratio Lower Upper
 232 100
 131 50.6 43.8 65.8
 130 2.6 2.1 3.1
 166 33.4 27.8 41.6

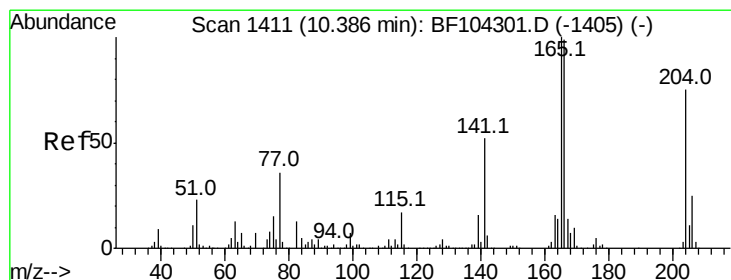
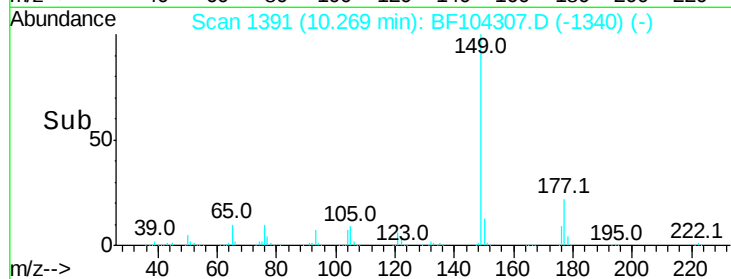
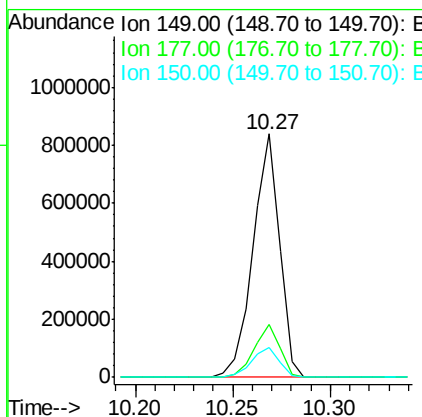
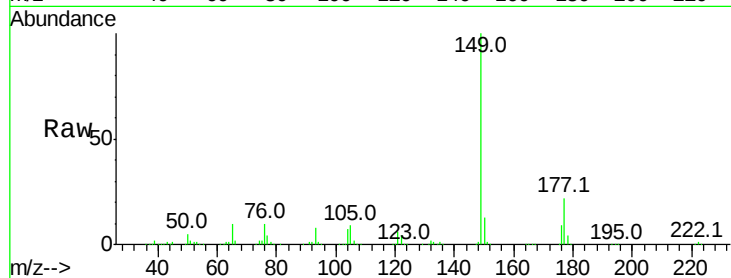




#59
Diethylphthalate
Concen: 37.465 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

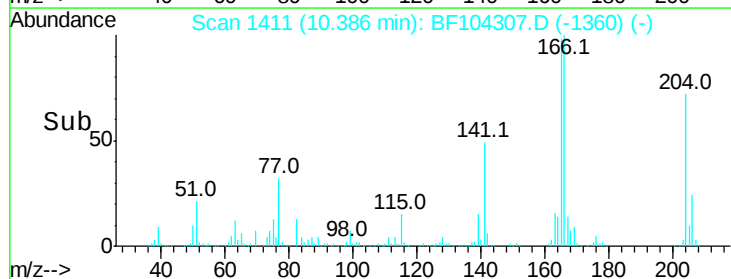
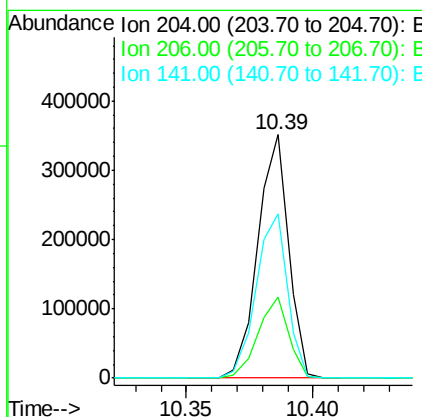
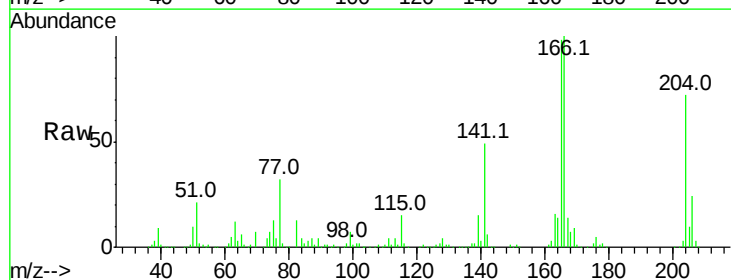
Instrument :
BNA_F
ClientSampled :

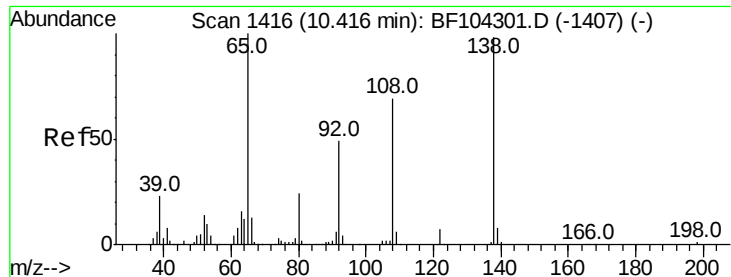
Tot Ion:149 Resp: 790304
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.858 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:204 Resp: 299496
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 67.4 54.6 81.8

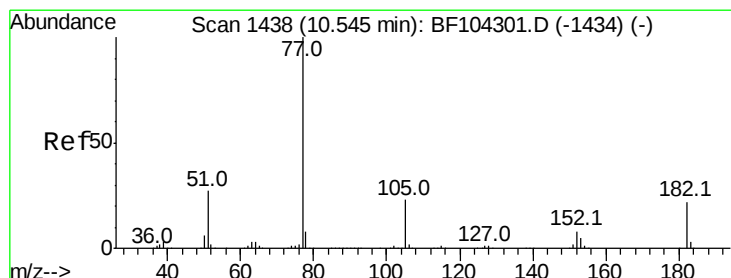
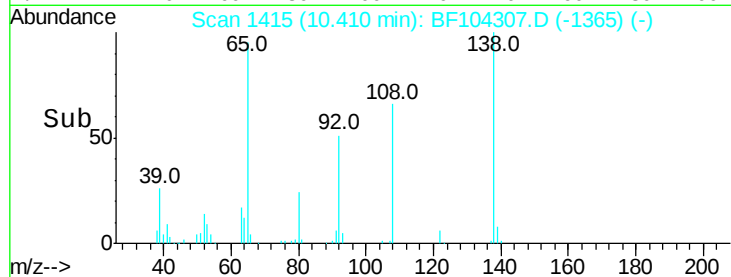
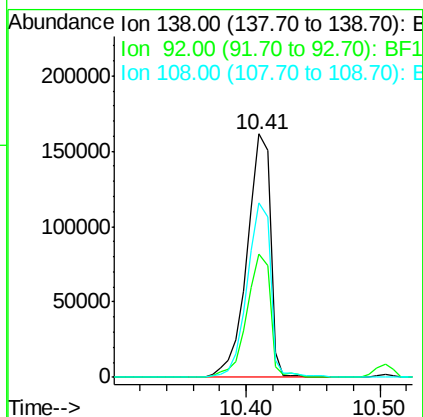
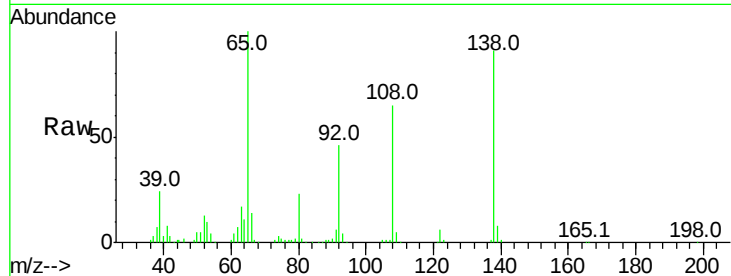




#61
4-Nitroaniline
Concen: 43.021 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

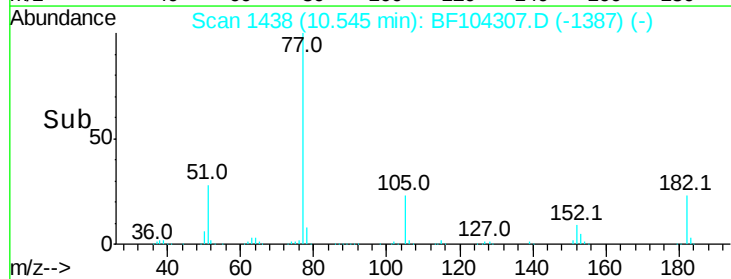
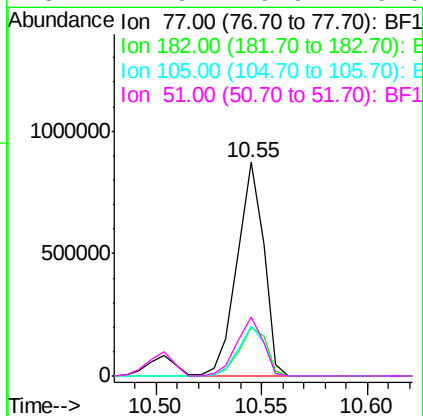
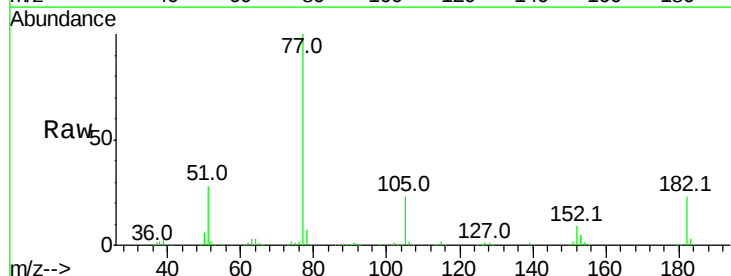
Instrument :
BNA_F
ClientSampled :

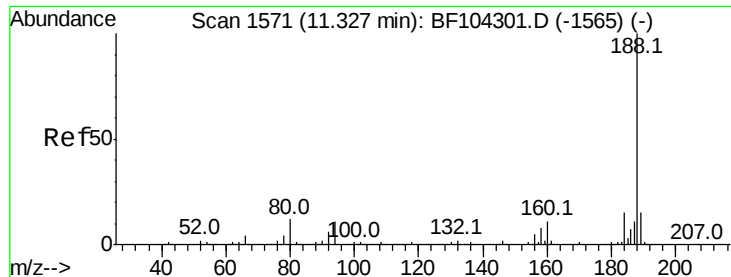
Tot Ion:138 Resp: 193007
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 71.9 52.5 92.5



#62
Azobenzene
Concen: 37.783 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion: 77 Resp: 761458
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 23.4 3.0 43.0
51 27.9 9.9 49.9

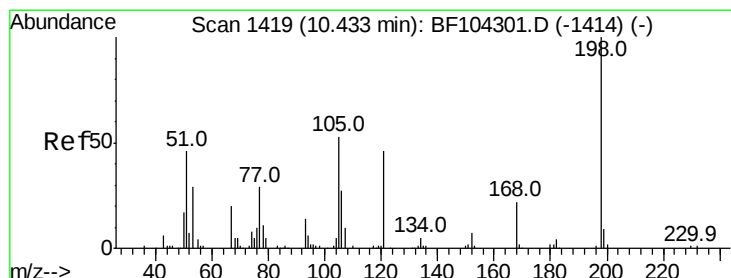
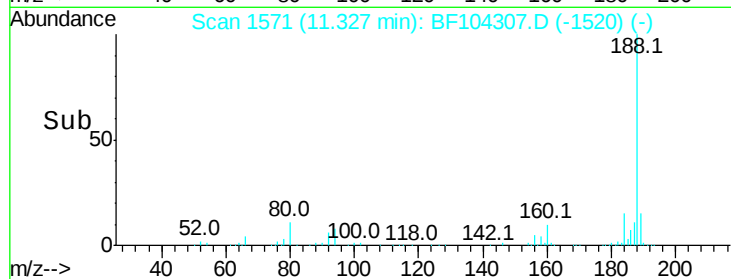
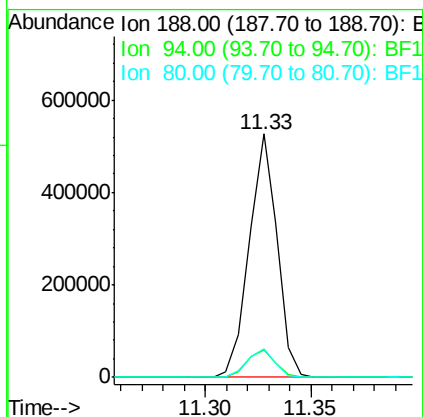
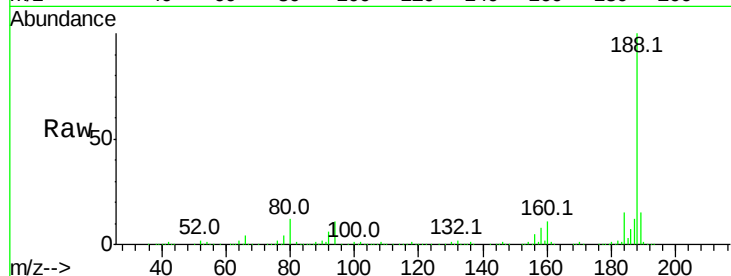




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

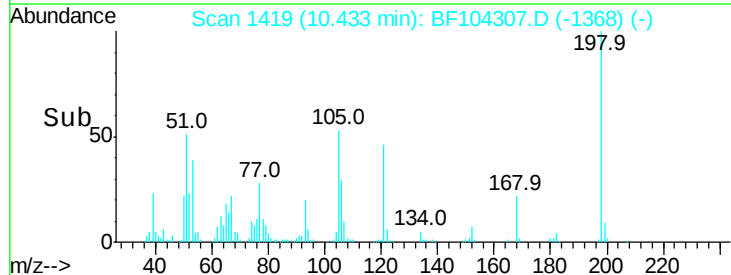
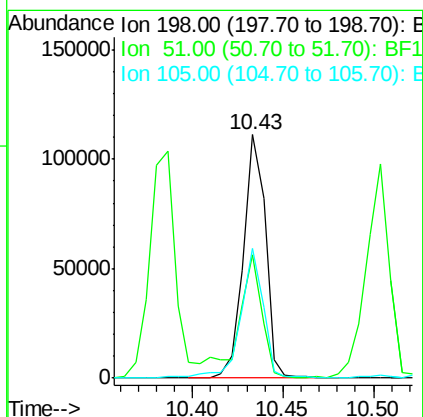
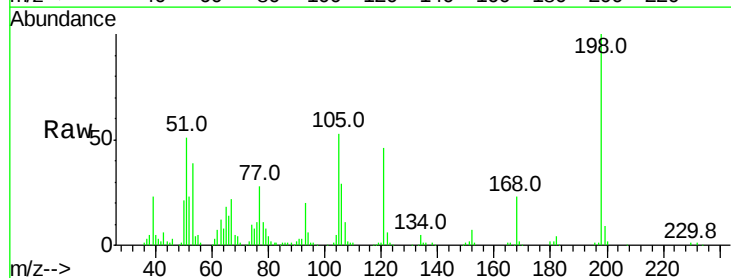
Instrument :
BNA_F
ClientSampleId :

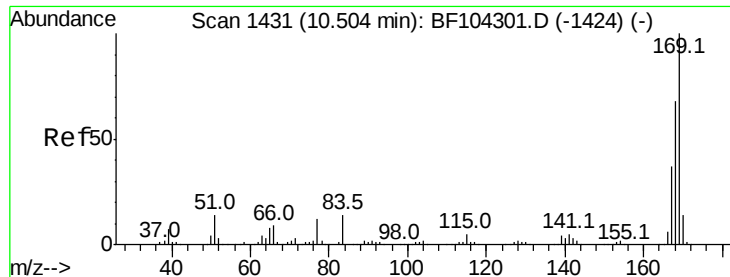
Tot Ion:188 Resp: 482596
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.204 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:198 Resp: 93958
Ion Ratio Lower Upper
198 100
51 50.6 37.7 77.7
105 53.4 36.3 76.3

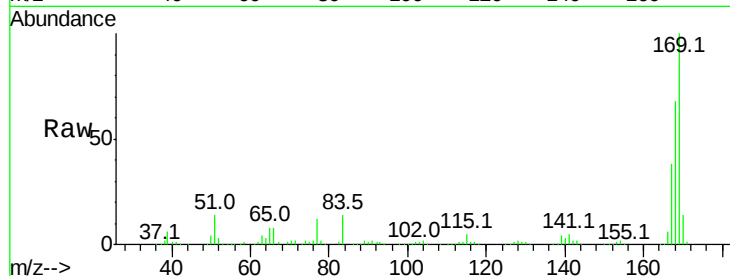




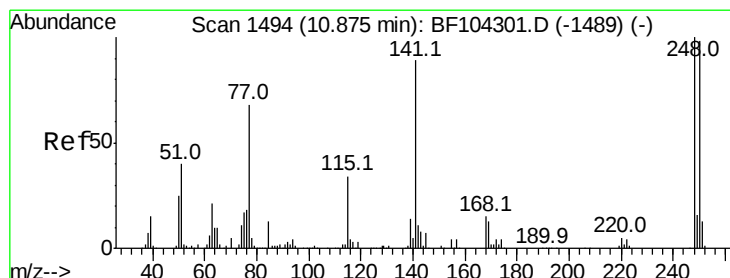
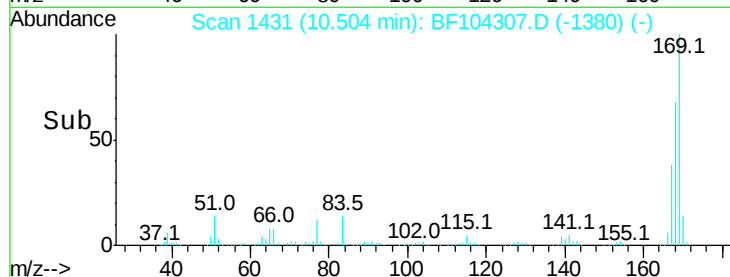
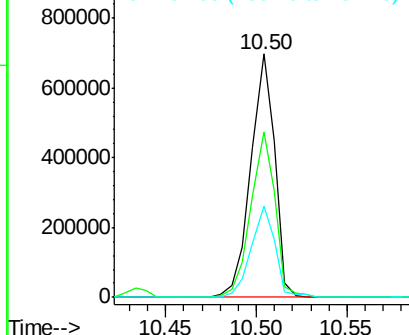
#65
 n-Nitrosodiphenylamine
 Concen: 38.216 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	37.6	29.8	44.6

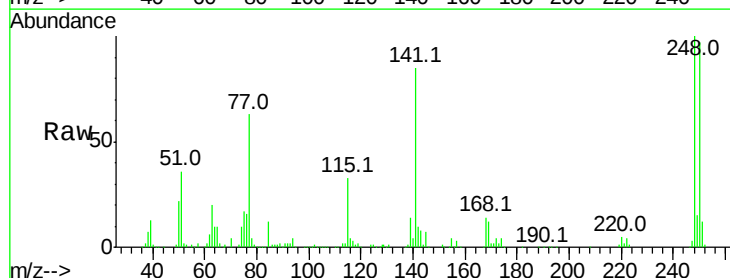


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

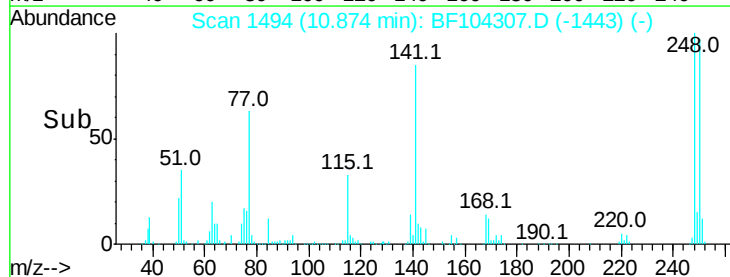
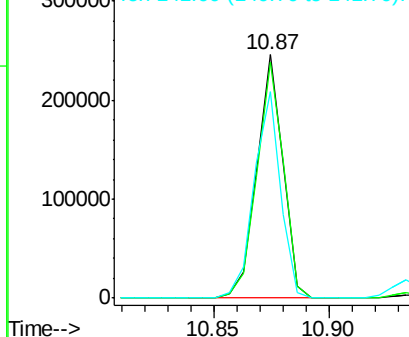


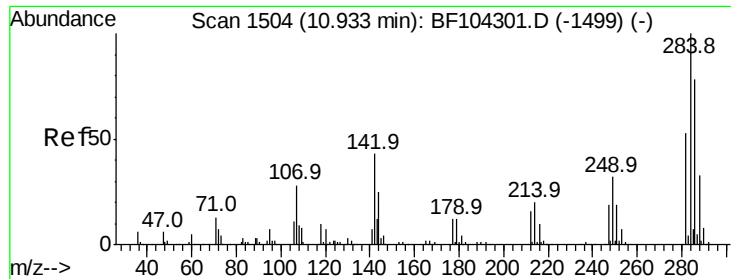
#66
 4-Bromophenyl-phenylether
 Concen: 38.068 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	85.0	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

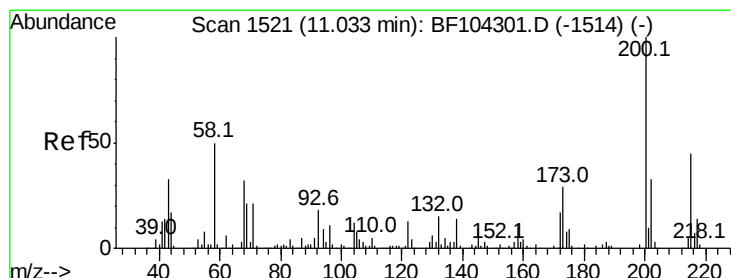
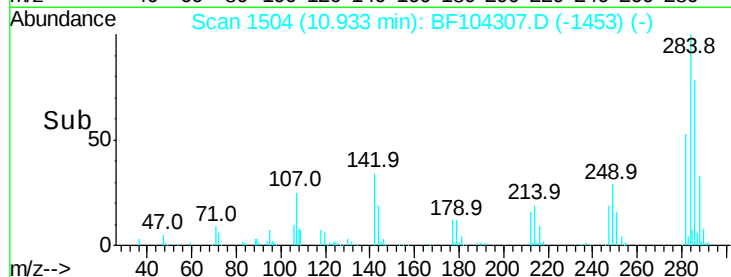
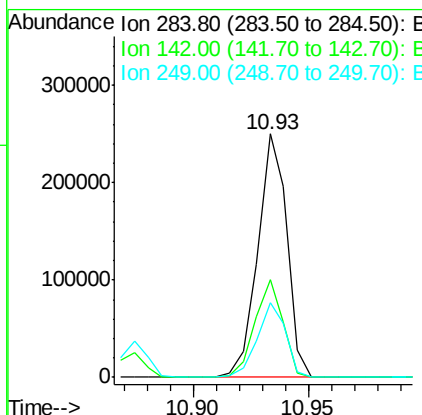
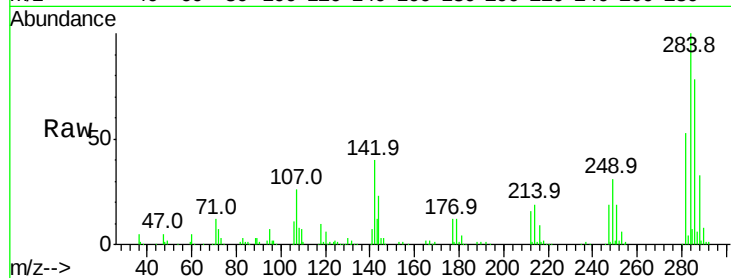




#67
Hexachlorobenzene
Concen: 38.041 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

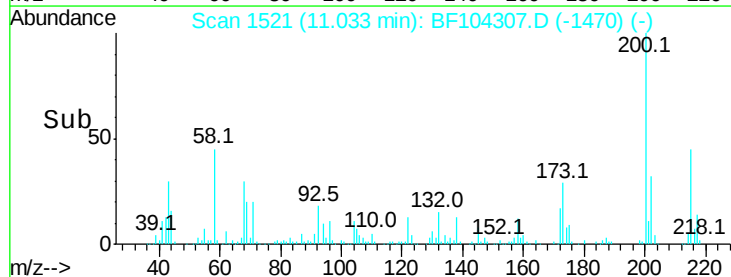
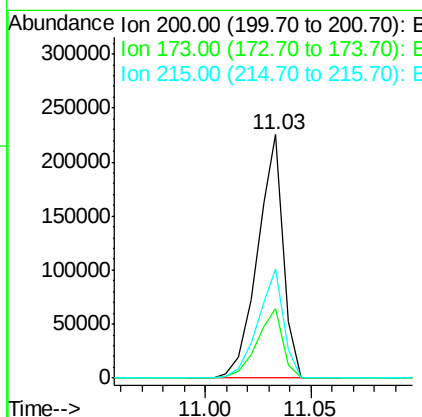
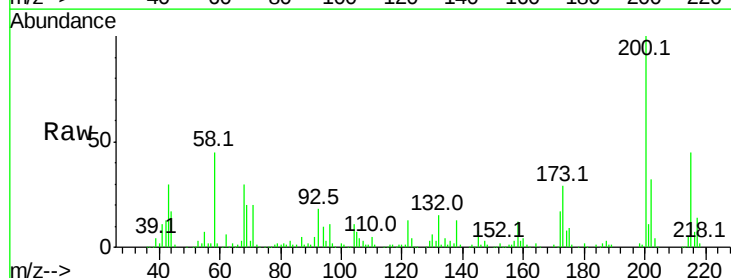
Instrument :
BNA_F
ClientSampleId :

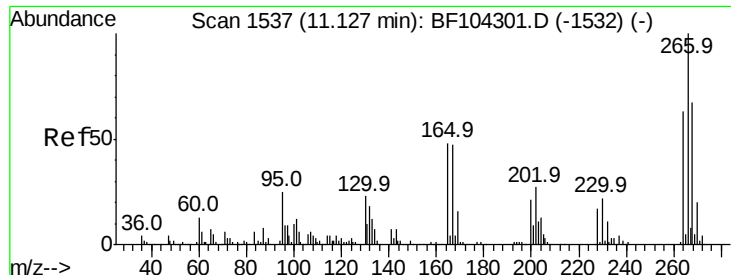
Tot Ion:284 Resp: 219728
Ion Ratio Lower Upper
284 100
142 40.3 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 37.633 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:200 Resp: 190074
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 45.1 25.1 65.1

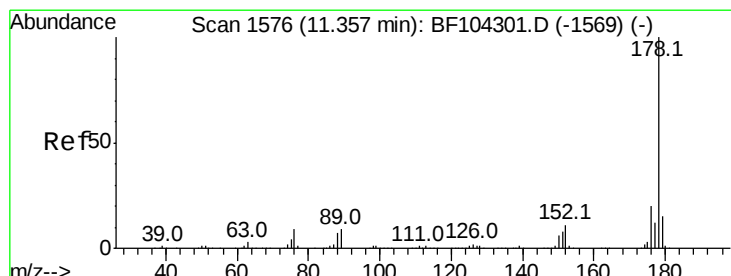
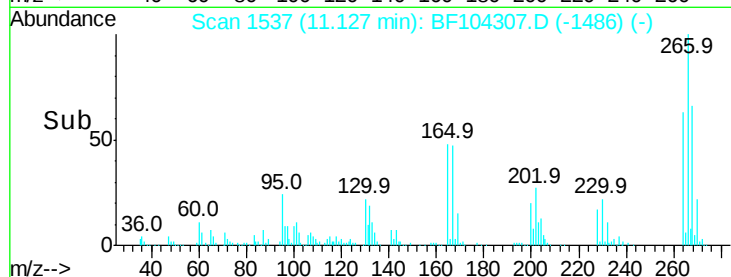
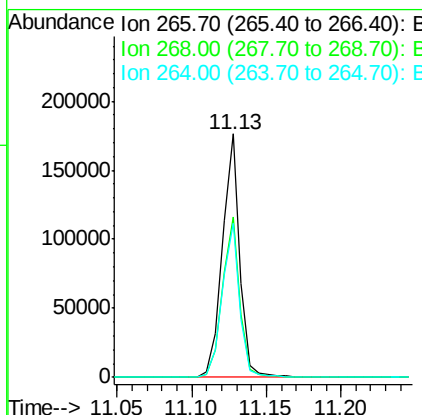
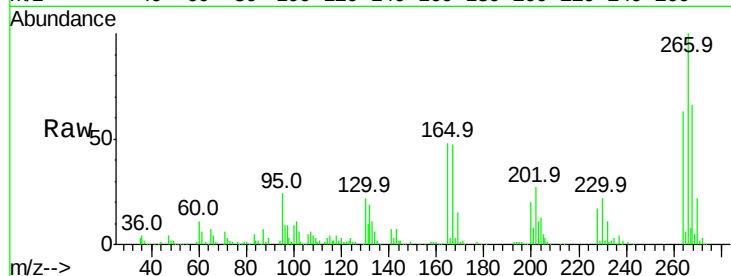




#69
 Pentachlorophenol
 Concen: 40.581 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

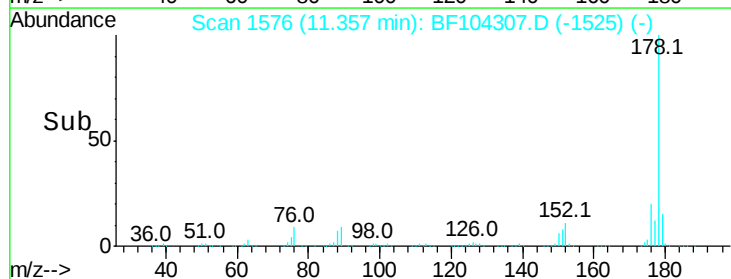
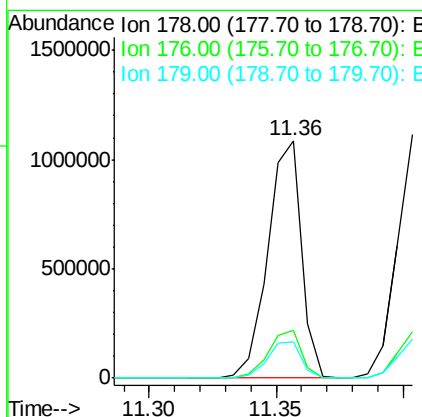
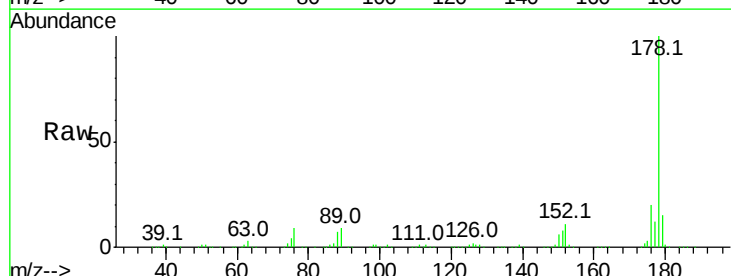
Instrument :
 BNA_F
 ClientSampled :

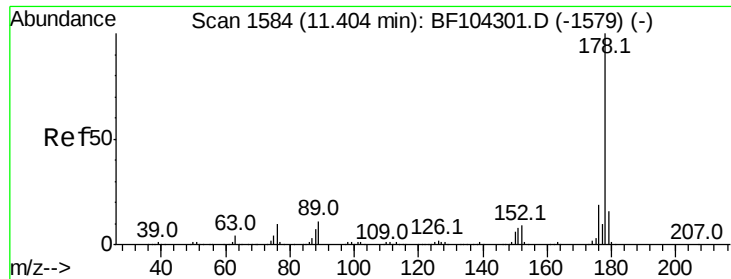
Tot Ion:266 Resp: 145010
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 37.594 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:178 Resp: 1010354
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.2 13.0 19.6

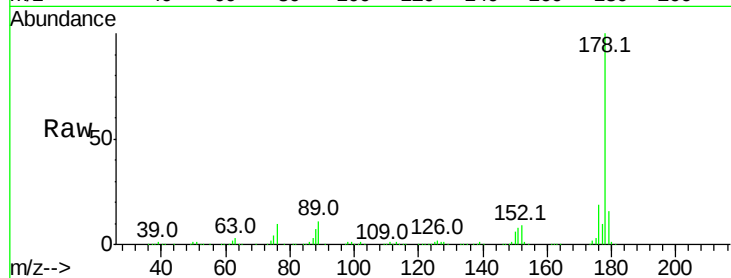




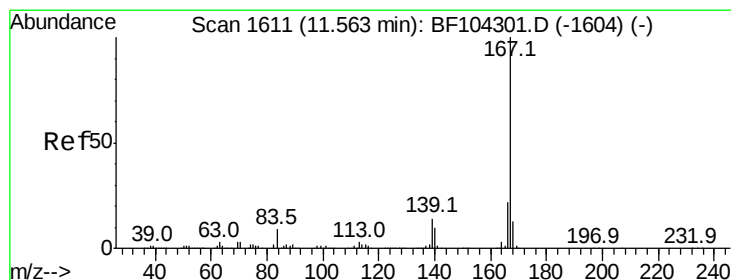
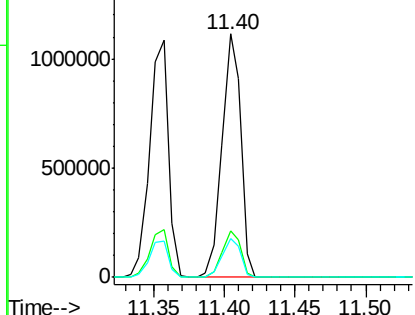
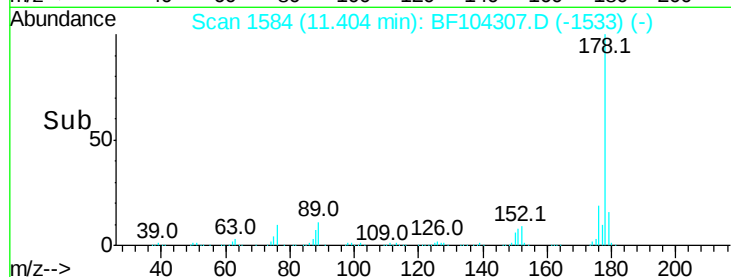
#71
 Anthracene
 Concen: 37.726 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1030651
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0

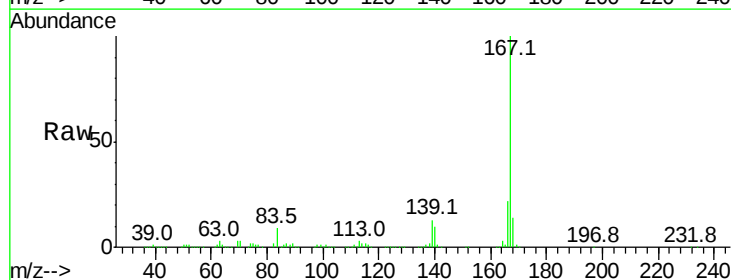


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

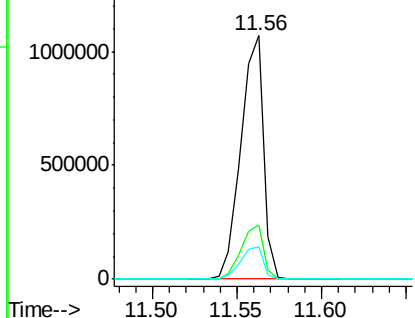
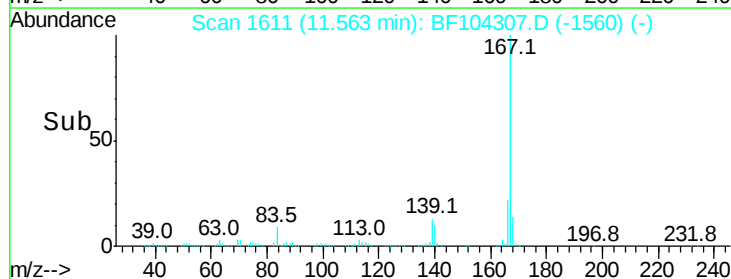


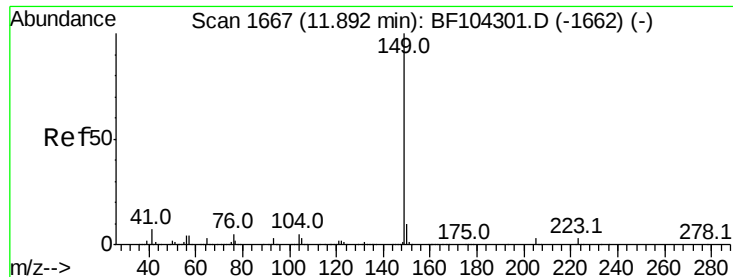
#72
 Carbazole
 Concen: 37.474 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:167 Resp: 1000404
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 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: 37.405 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

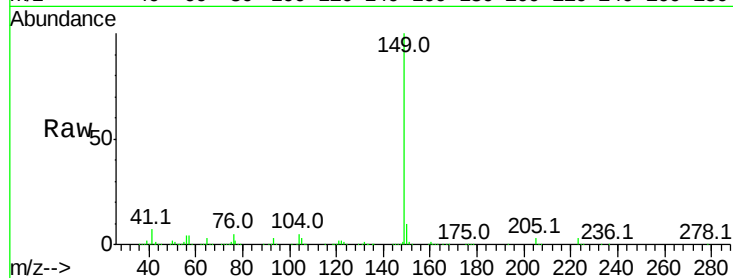
Tot Ion:149 Resp: 1219794

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

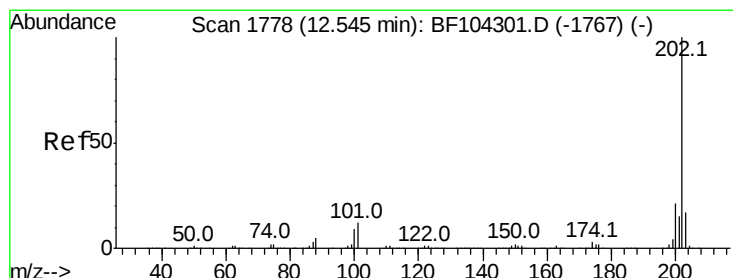
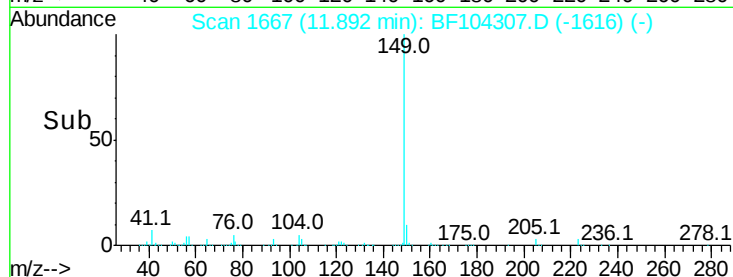
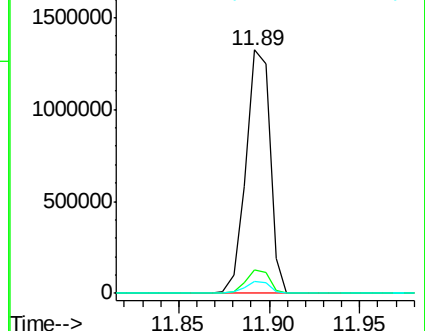
104 5.1 3.8 5.8



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: 37.677 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

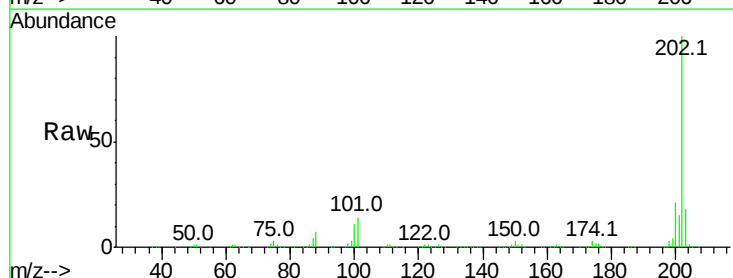
Tgt Ion:202 Resp: 1057969

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

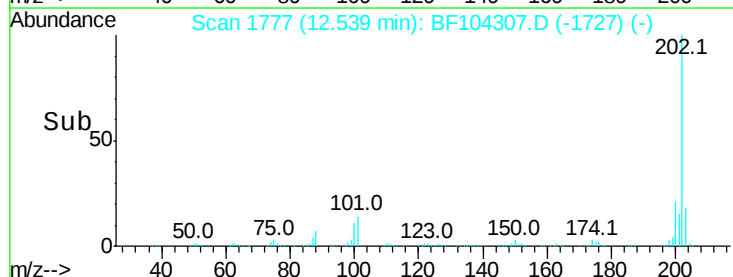
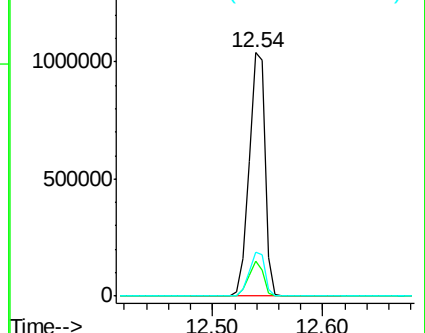
203 18.1 0.0 38.1

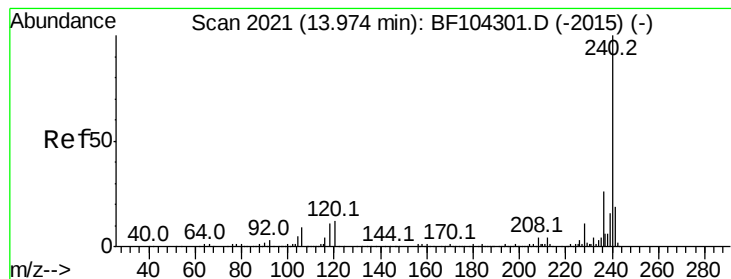


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :

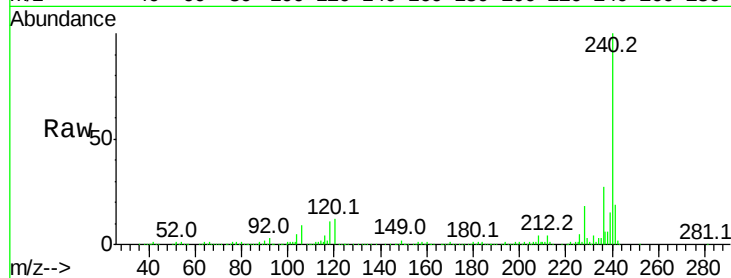
Tot Ion:240 Resp: 380882

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

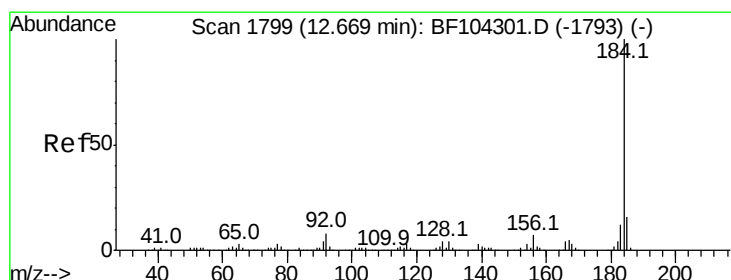
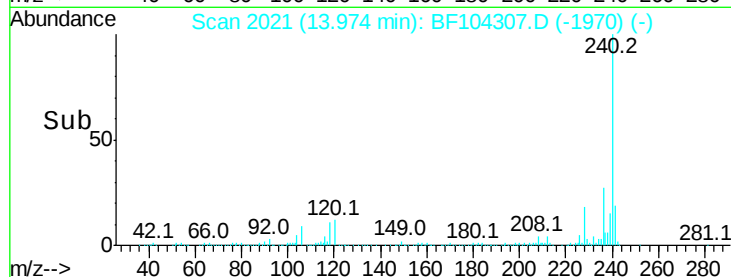
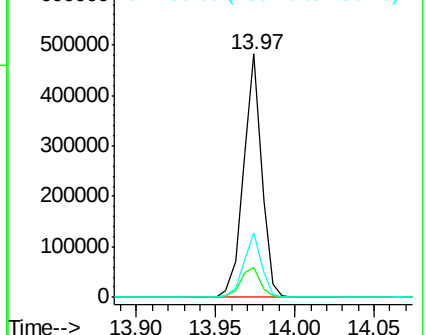
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.791 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

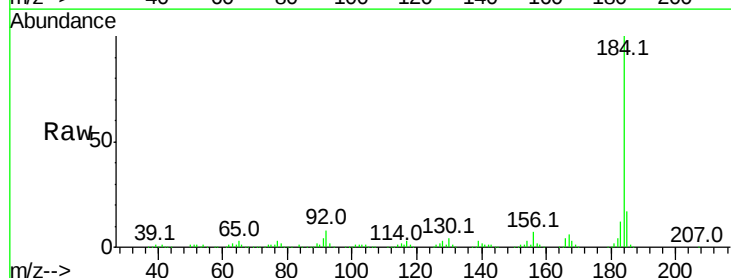
Tgt Ion:184 Resp: 505149

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

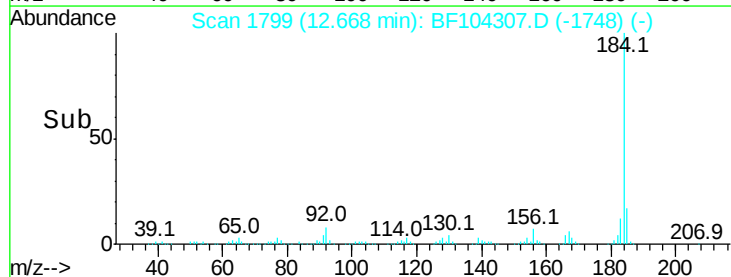
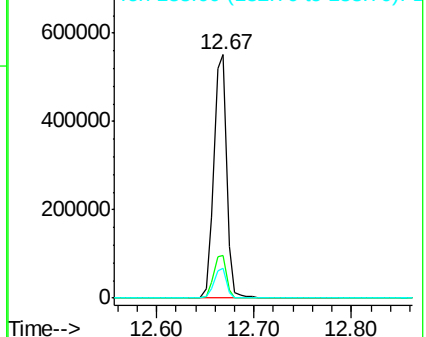
183 12.2 9.3 13.9

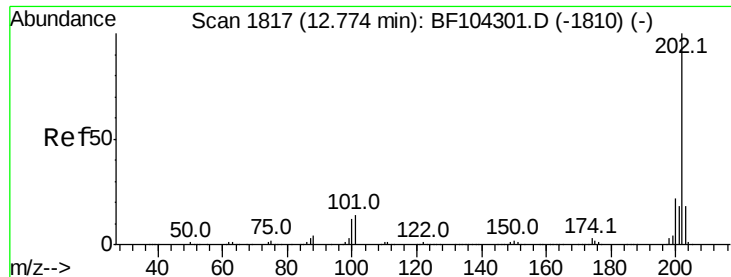


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

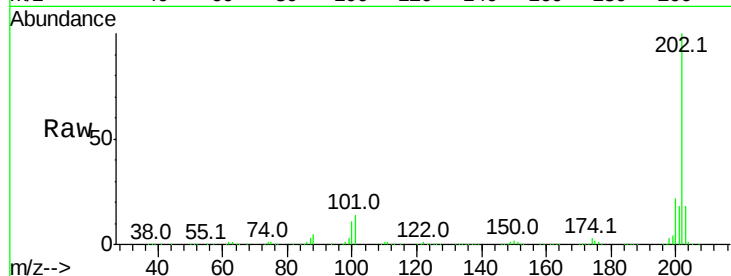




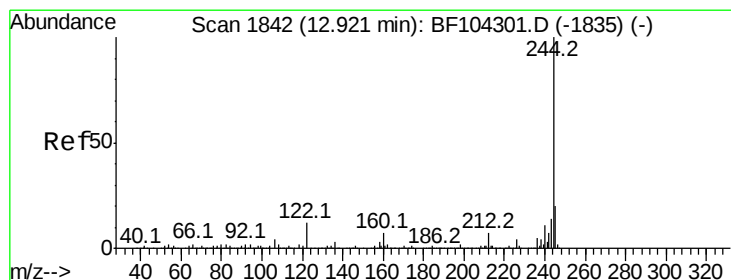
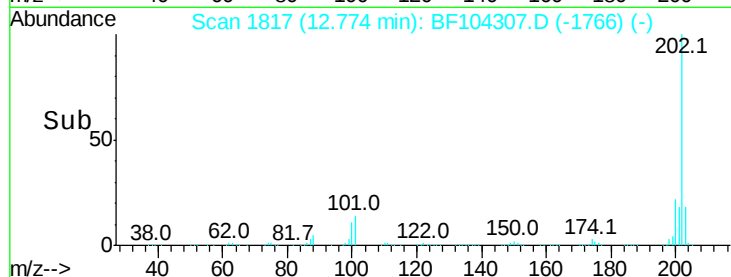
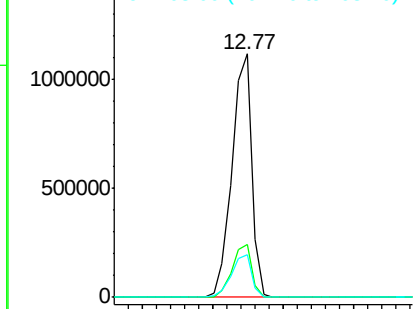
#77
Pvrene
Concen: 38.683 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1092118
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.5 14.3 21.5

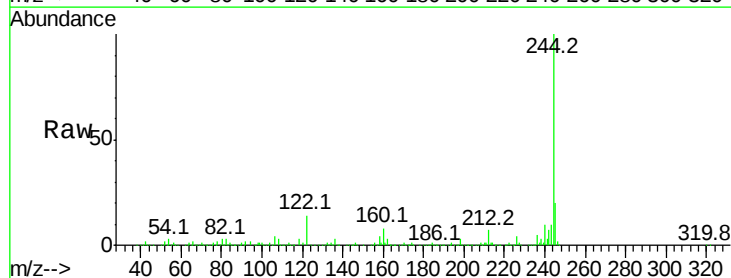


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

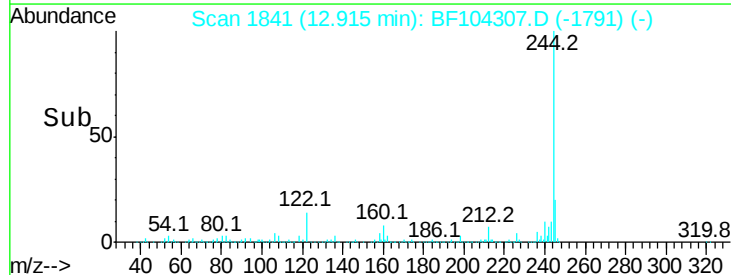
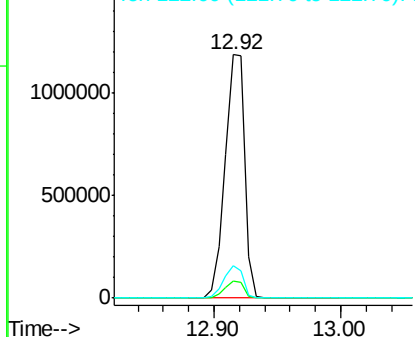


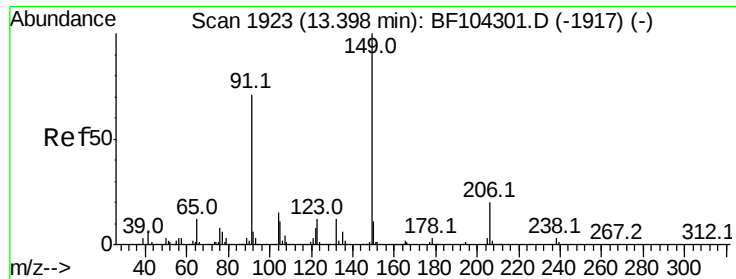
#78
Terphenyl-d14
Concen: 75.593 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:244 Resp: 1262897
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.5 11.0 16.4



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

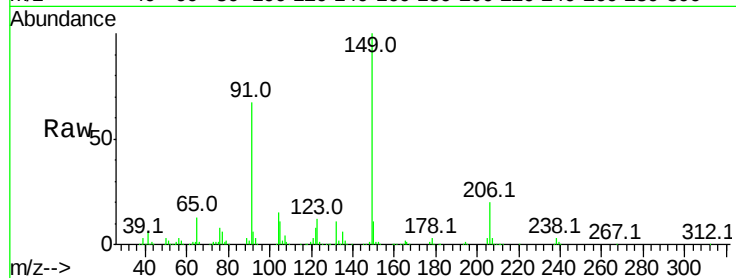




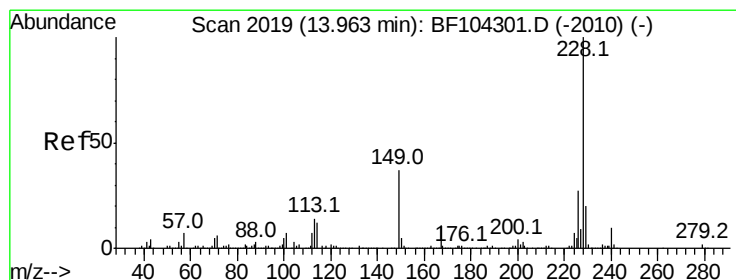
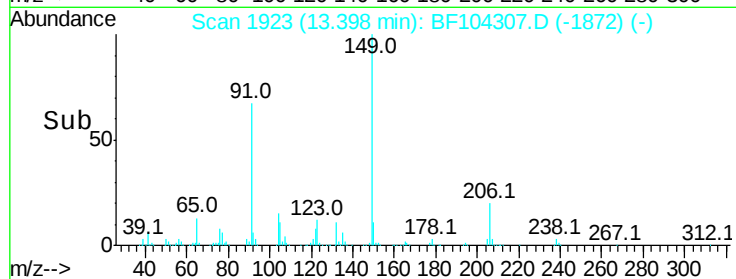
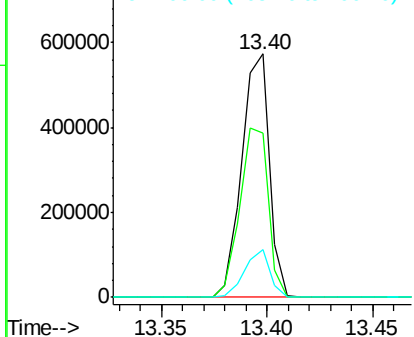
#79
Butylbenzylphthalate
Concen: 39.168 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.8	85.2
206	19.6	14.1	21.1

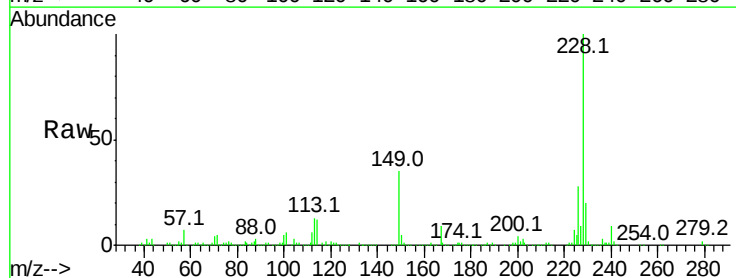


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

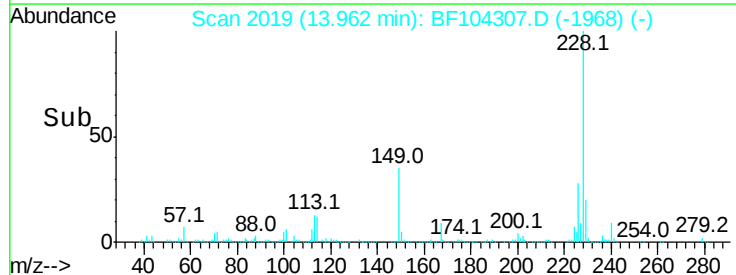
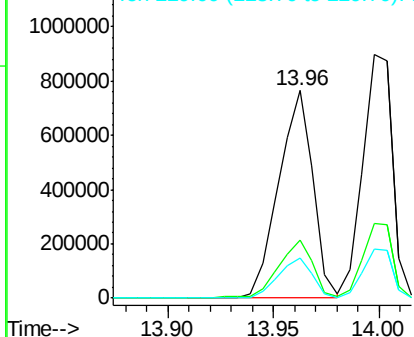


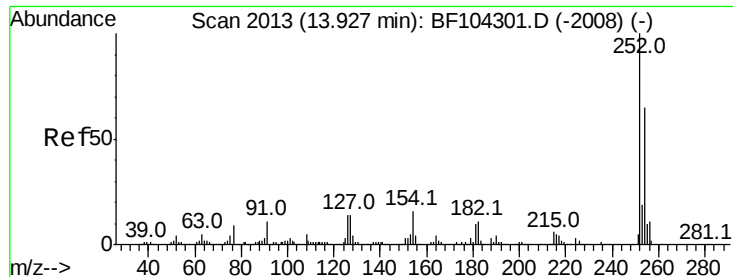
#80
Benzo(a)anthracene
Concen: 37.919 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	15.8	23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 39.530 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

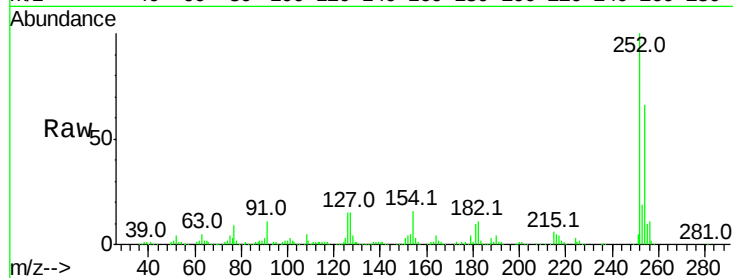
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 335377

Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	14.9	11.3	16.9

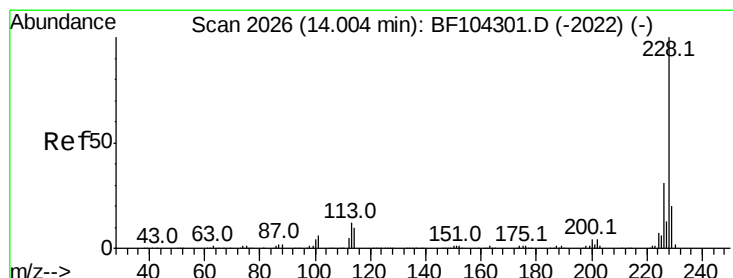
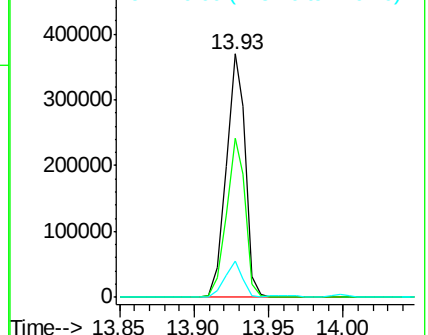
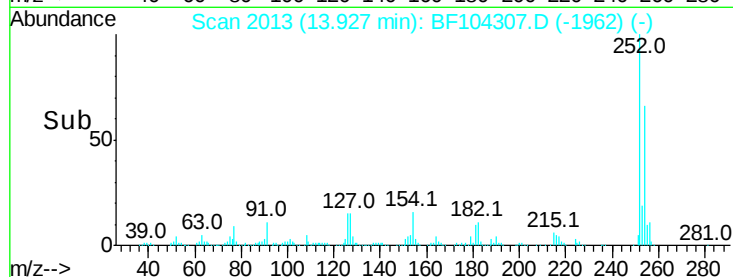


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.825 ng

RT: 14.00 min Scan# 2025

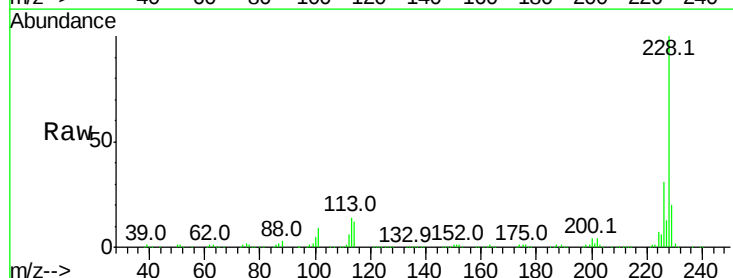
Delta R.T. -0.01 min

Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Tgt Ion:228 Resp: 884043

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.2	24.4

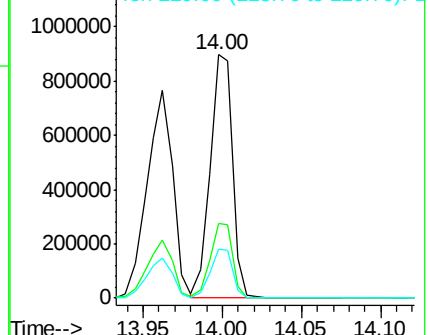
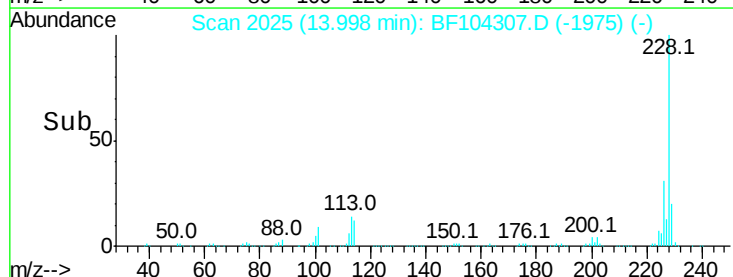


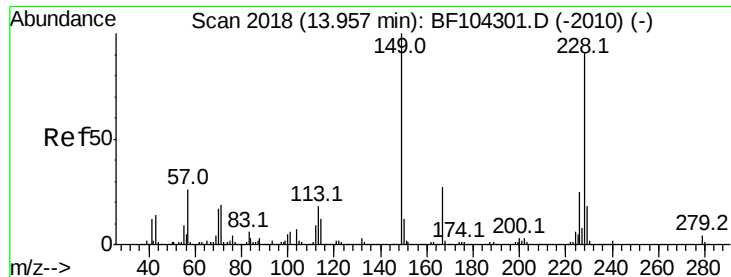
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

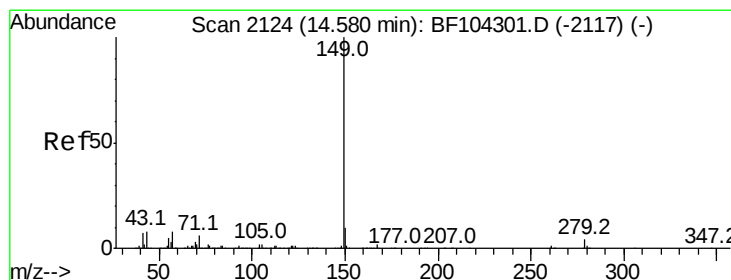
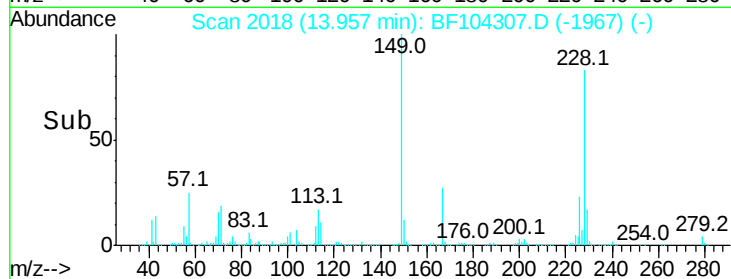
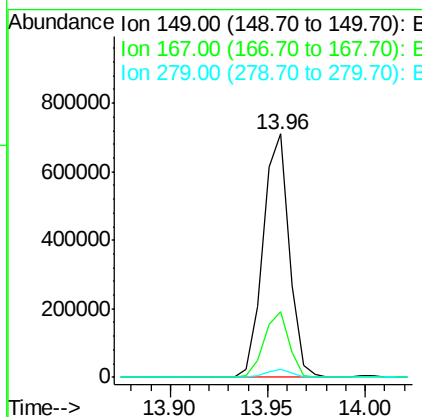
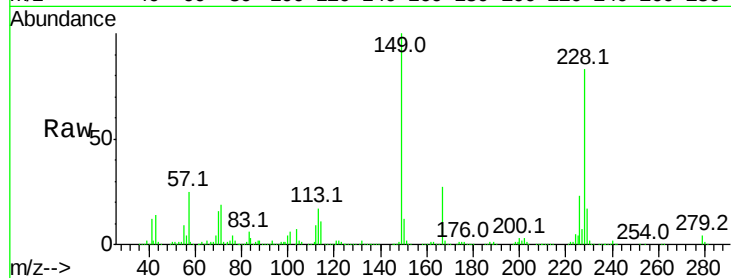




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.696 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

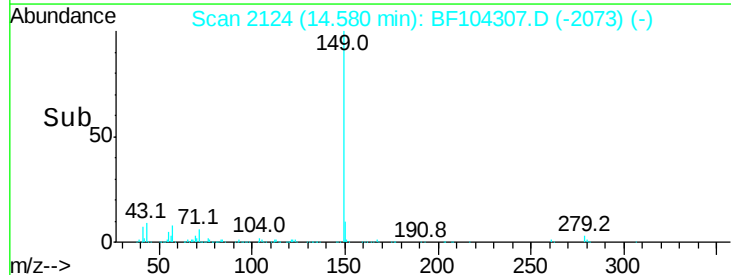
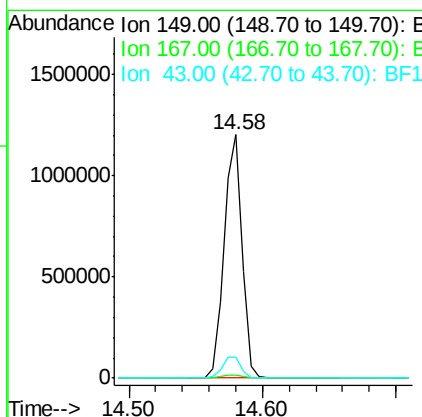
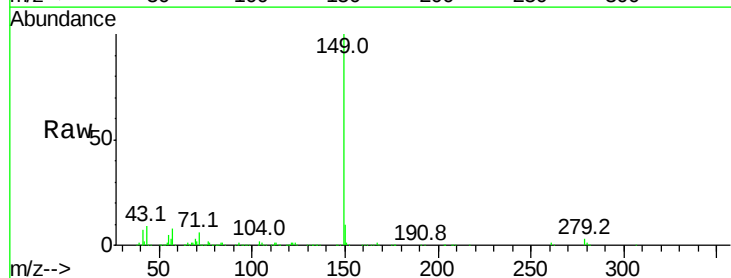
Instrument :
 BNA_F
 ClientSampleId :

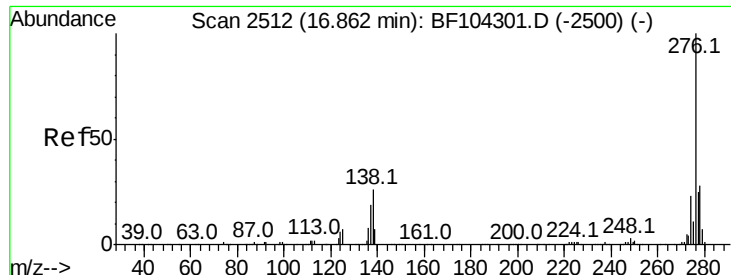
Tot Ion:149 Resp: 662015
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.769 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF104307.D
 Acq: 6 Apr 2018 15:33

Tgt Ion:149 Resp: 1136837
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.4 12.6

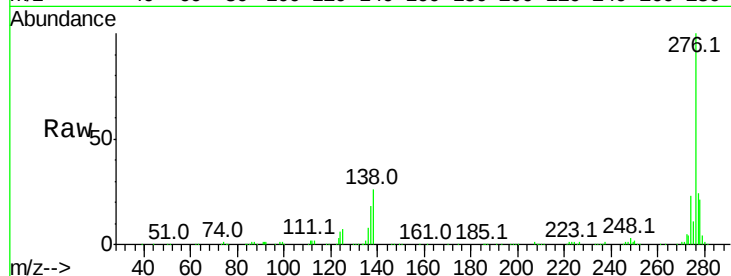




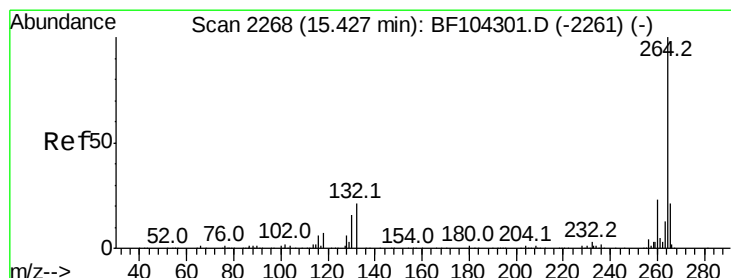
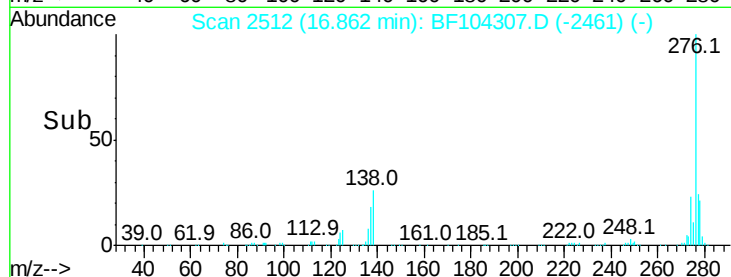
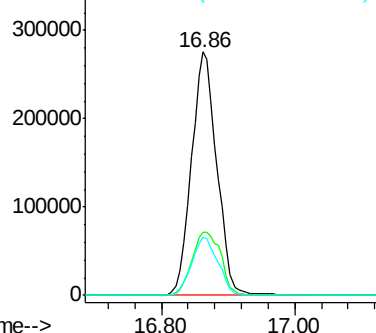
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.194 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.8	20.1	30.1

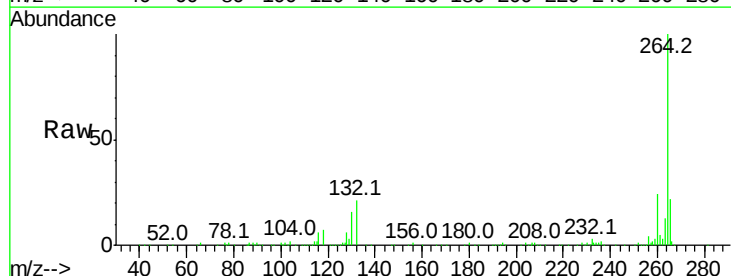


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

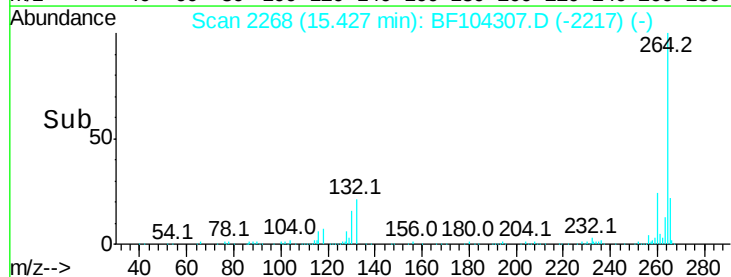
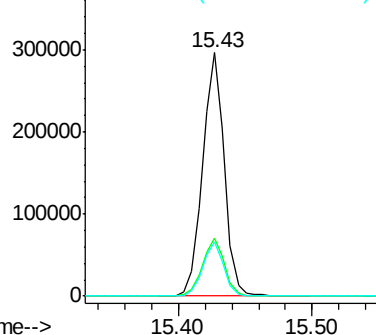


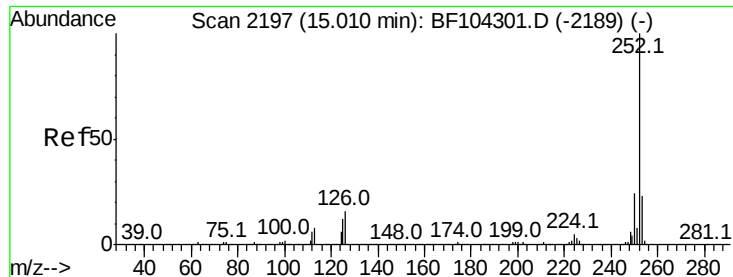
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3



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

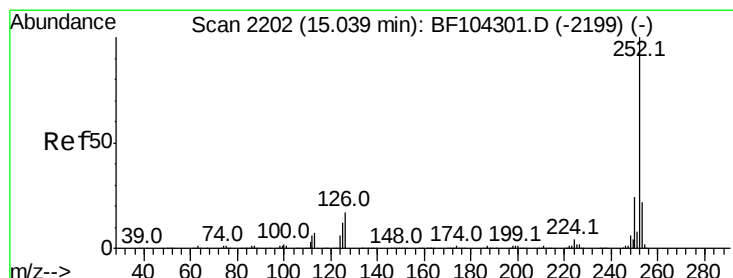
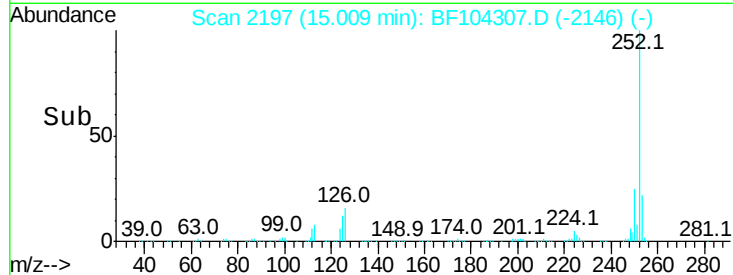
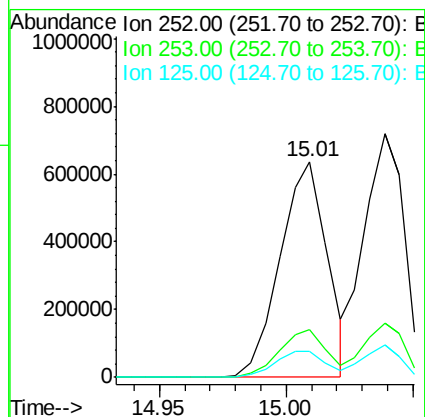
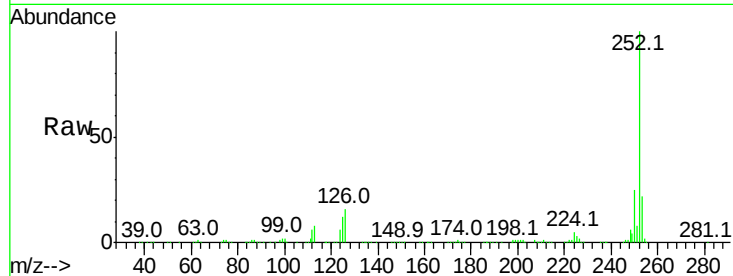




#87
Benzo(b)fluoranthene
Concen: 38.589 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

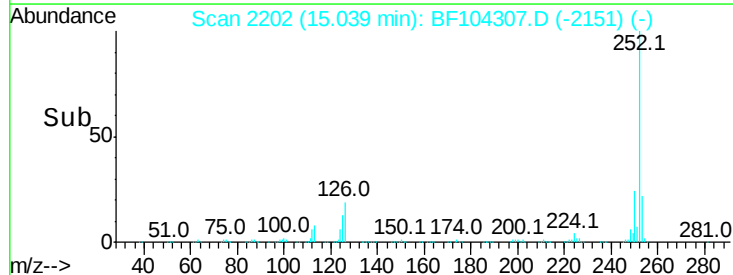
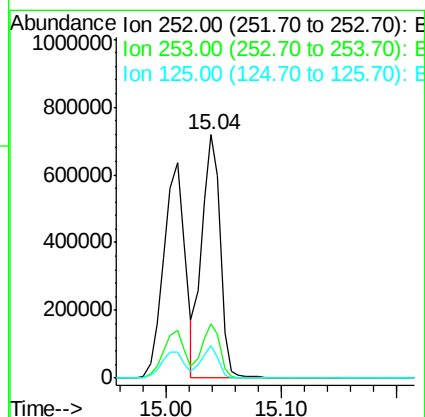
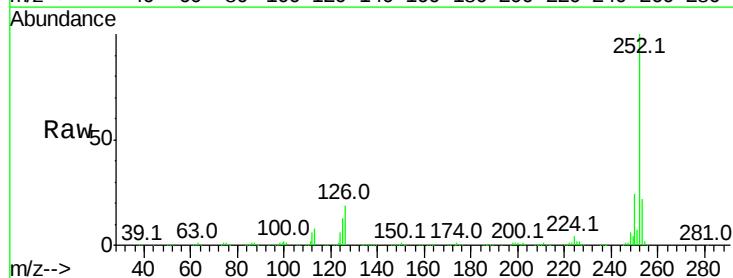
Instrument :
BNA_F
ClientSampled :

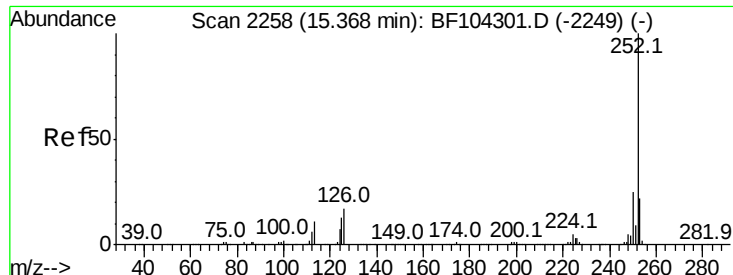
Tot Ion:252 Resp: 822835
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.044 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:252 Resp: 806126
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.1 10.2 15.2

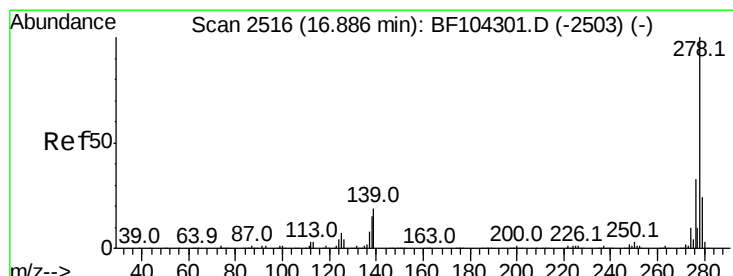
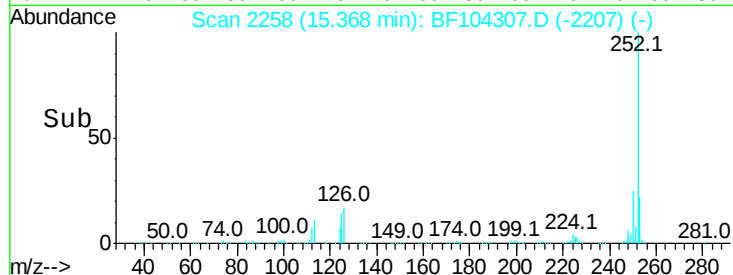
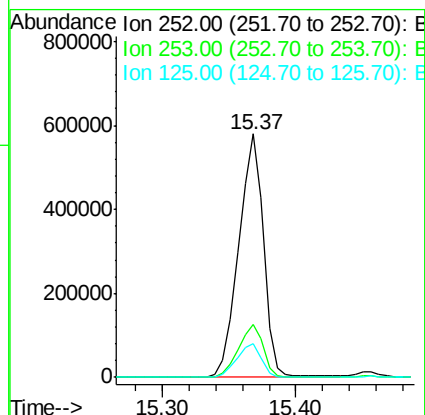
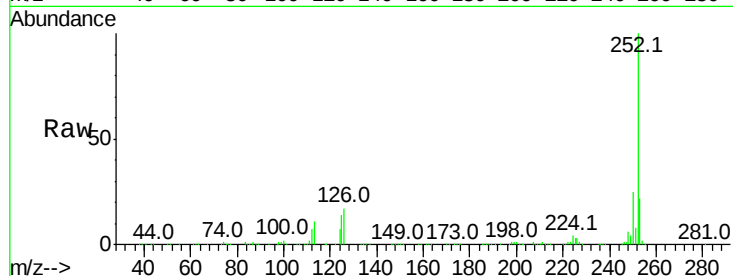




#89
Benzo(a)pyrene
Concen: 39.281 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

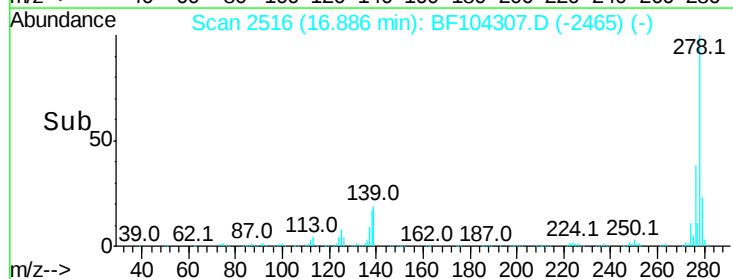
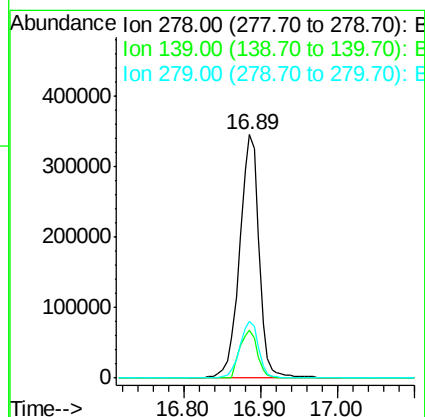
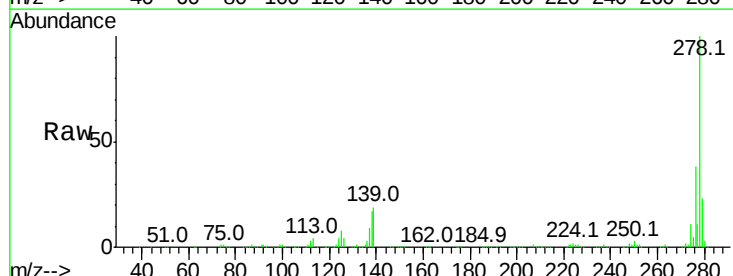
Instrument :
BNA_F
ClientSampleId :

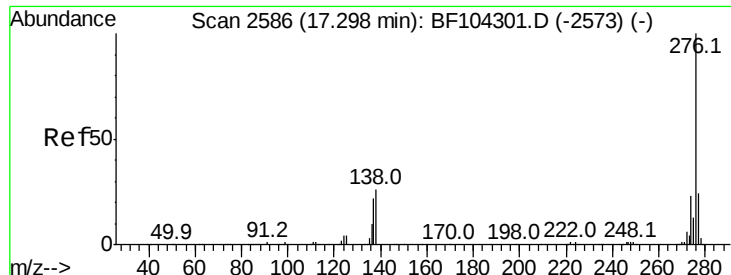
Tot Ion:252 Resp: 749442
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.217 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF104307.D
Acq: 6 Apr 2018 15:33

Tgt Ion:278 Resp: 614509
Ion Ratio Lower Upper
278 100
139 19.5 15.9 23.9
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.765 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

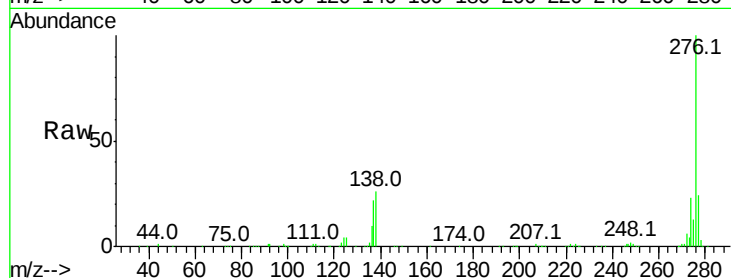
Lab File: BF104307.D

Acq: 6 Apr 2018 15:33

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 588496

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 25.6 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

