

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104301.D
 Acq On : 6 Apr 2018 12:53
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 13:50:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135704	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	553720	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	259863	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	475132	20.00	ng	0.00
75) Chrysene-d12	13.97	240	380636	20.00	ng	0.00
86) Perylene-d12	15.43	264	357085	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	702369	82.54	ng	0.00
7) Phenol-d6	6.43	99	860283	82.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	694841	76.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	215266	74.39	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1287826	78.15	ng	0.00
78) Terphenyl-d14	12.92	244	1280966	77.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	167896	45.747	ng	91
3) Pyridine	3.25	79	468345	50.408	ng	89
4) n-Nitrosodimethylamine	3.21	42	164637	59.615	ng	82
6) Aniline	6.47	93	610737	48.731	ng	98
8) 2-Chlorophenol	6.59	128	375531	40.231	ng	96
9) Benzaldehyde	6.35	77	226754	40.809	ng	99
10) Phenol	6.44	94	454716	39.200	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	370734	37.089	ng	99
12) 1,3-Dichlorobenzene	6.75	146	421916	40.210	ng	99
13) 1,4-Dichlorobenzene	6.82	146	422730	37.600	ng	99
14) 1,2-Dichlorobenzene	6.97	146	395222	39.110	ng	99
15) Benzyl Alcohol	6.95	79	328546	48.267	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	496171	45.562	ng	94
17) 2-Methylphenol	7.05	107	325916	42.899	ng	98
18) Hexachloroethane	7.32	117	150180	39.896	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	272484	43.857	ng	97
20) 3+4-Methylphenols	7.21	107	400544	41.310	ng	# 76
22) Acetophenone	7.22	105	537876	40.148	ng	98
24) Nitrobenzene	7.39	77	389642	40.900	ng	98
25) Isophorone	7.63	82	711934	42.666	ng	97
26) 2-Nitrophenol	7.70	139	160954	32.367	ng	95
27) 2,4-Dimethylphenol	7.73	122	319598	44.563	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	434036	41.503	ng	99
29) 2,4-Dichlorophenol	7.94	162	304942	40.708	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	329586	38.778	ng	99
31) Naphthalene	8.11	128	1097203	40.560	ng	99
32) Benzoic acid	7.86	122	269656	51.325	ng	99
33) 4-Chloroaniline	8.16	127	468514	41.082	ng	99
34) Hexachlorobutadiene	8.23	225	180085	38.936	ng	99
35) Caprolactam	8.53	113	107227	45.144	ng	# 84
36) 4-Chloro-3-methylphenol	8.63	107	323980	40.889	ng	99
37) 2-Methylnaphthalene	8.80	142	704277	39.525	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	290658	36.475	ng	98
40) Hexachlorocyclopentadiene	8.95	237	169245	51.554	ng	98

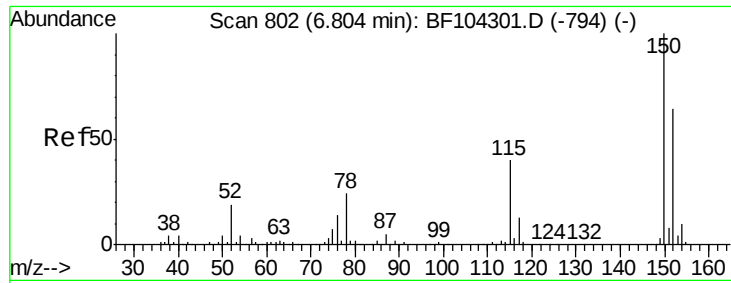
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	210712	41.759	ng	100
43) 2,4,5-Trichlorophenol	9.11	196	229926	37.739	ng	98
45) 1,1'-Biphenyl	9.27	154	856217	38.390	ng	99
46) 2-Chloronaphthalene	9.29	162	677316	38.499	ng	99
47) 2-Nitroaniline	9.39	65	181708	36.221	ng	98
48) Acenaphthylene	9.70	152	1074802	40.326	ng	100
49) Dimethylphthalate	9.57	163	801266	39.054	ng	99
50) 2,6-Dinitrotoluene	9.63	165	162980	36.923	ng	94
51) Acenaphthene	9.88	154	647646	42.004	ng	100
52) 3-Nitroaniline	9.80	138	189613	37.369	ng	95
53) 2,4-Dinitrophenol	9.90	184	45173	27.063	ng	# 19
54) Dibenzofuran	10.05	168	912596	40.532	ng	98
55) 4-Nitrophenol	9.95	139	150247	49.384	ng	98
56) 2,4-Dinitrotoluene	10.03	165	207449	36.831	ng	94
57) Fluorene	10.39	166	667169	35.922	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	171045	37.471	ng	98
59) Diethylphthalate	10.27	149	798111	40.606	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	298510	34.994	ng	99
61) 4-Nitroaniline	10.42	138	189074	39.823	ng	98
62) Azobenzene	10.55	77	770165	43.334	ng	98
64) 4,6-Dinitro-2-methylphenol	10.43	198	87076	30.276	ng	96
65) n-Nitrosodiphenylamine	10.50	169	647141	40.217	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	198188	38.989	ng	97
67) Hexachlorobenzene	10.93	284	222440	38.042	ng	99
68) Atrazine	11.03	200	194512	39.458	ng	99
69) Pentachlorophenol	11.13	266	147201	45.748	ng	97
70) Phenanthrene	11.36	178	1035247	40.244	ng	99
71) Anthracene	11.40	178	1048398	39.018	ng	100
72) Carbazole	11.56	167	1017972	39.694	ng	100
73) Di-n-butylphthalate	11.89	149	1254944	41.082	ng	99
74) Fluoranthene	12.54	202	1083581	39.628	ng	96
76) Benzidine	12.67	184	522577	48.176	ng	99
77) Pyrene	12.77	202	1111318	40.615	ng	100
79) Butylbenzylphthalate	13.40	149	531477	41.228	ng	99
80) Benzo(a)anthracene	13.96	228	882404	37.049	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	347207	44.042	ng	98
82) Chrysene	14.00	228	926679	39.724	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	672095	40.351	ng	100
84) Di-n-octyl phthalate	14.58	149	1166160	40.701	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	761337	31.495	ng	98
87) Benzo(b)fluoranthene	15.01	252	902269	41.518	ng	98
88) Benzo(k)fluoranthene	15.04	252	836516	40.862	ng	99
89) Benzo(a)pyrene	15.37	252	803865	39.916	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	638702	34.303	ng	99
91) Benzo(g,h,i)perylene	17.30	276	600272	32.187	ng	97

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

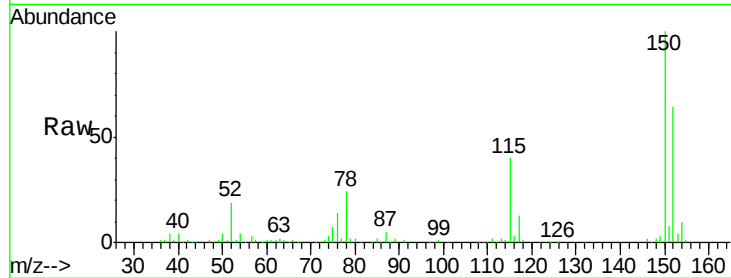


#1

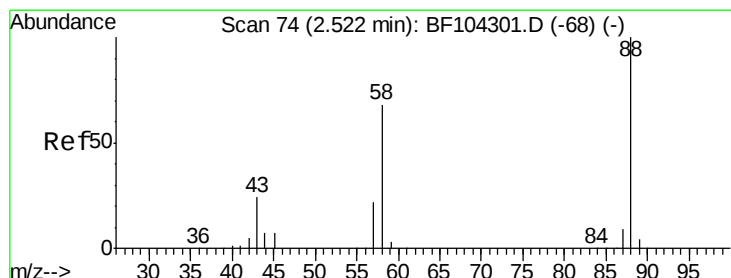
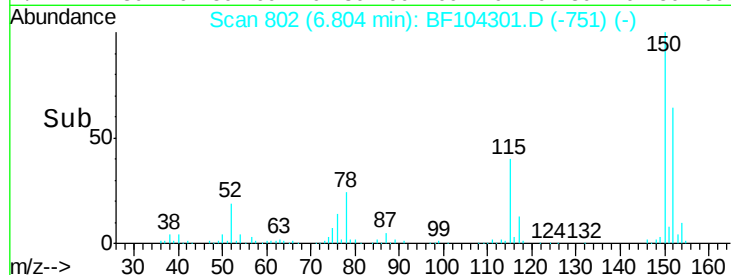
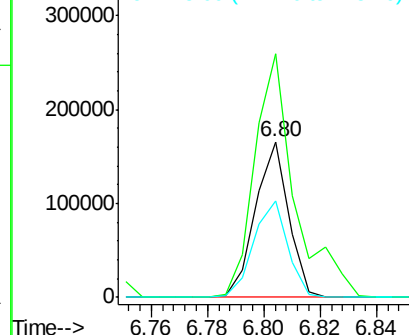
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135704
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 62.1 50.1 75.1



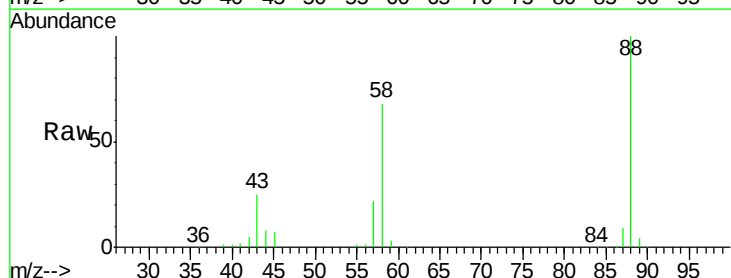
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



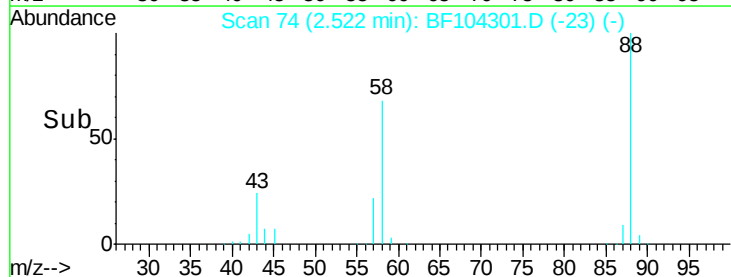
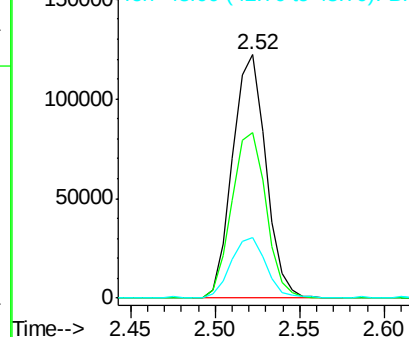
#2

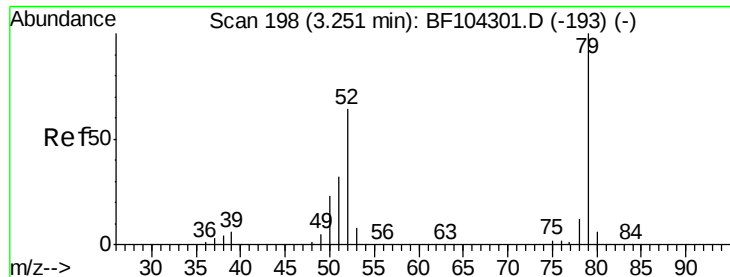
1,4-Dioxane
Concen: 45.747 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion: 88 Resp: 167896
Ion Ratio Lower Upper
88 100
58 70.1 62.6 93.8
43 25.6 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: 50.408 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

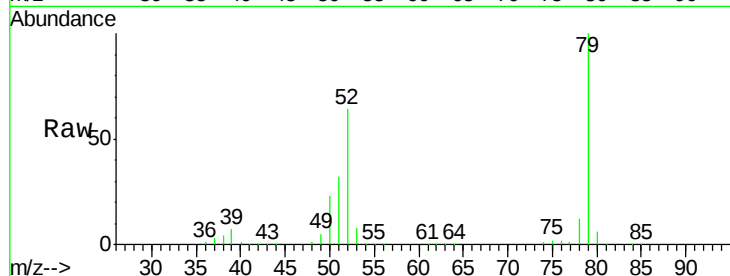
Tot Ion: 79 Resp: 468345

Ion Ratio Lower Upper

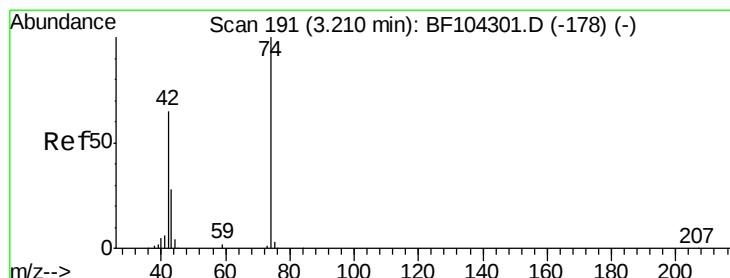
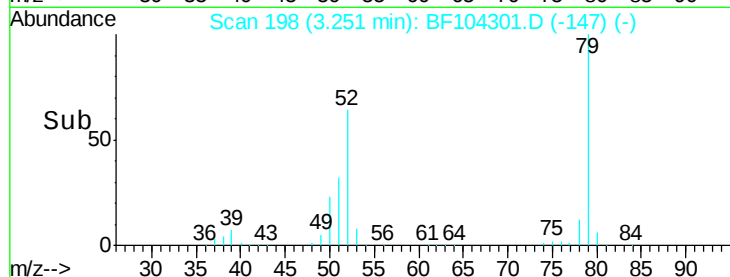
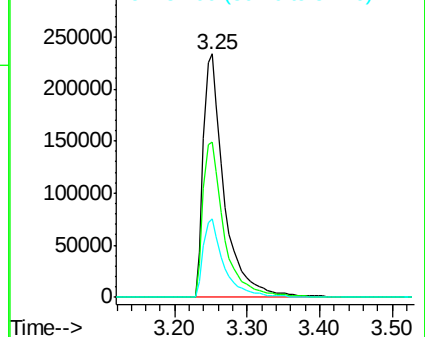
79 100

52 63.7 59.8 89.6

51 32.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 59.615 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

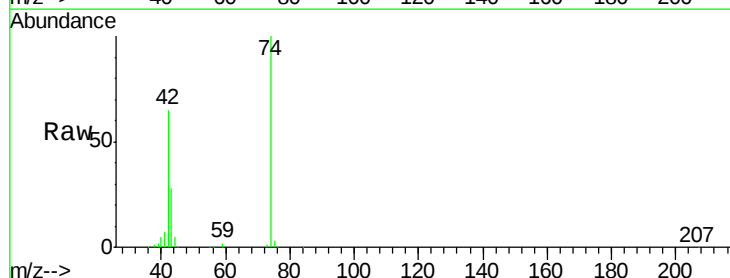
Tgt Ion: 42 Resp: 164637

Ion Ratio Lower Upper

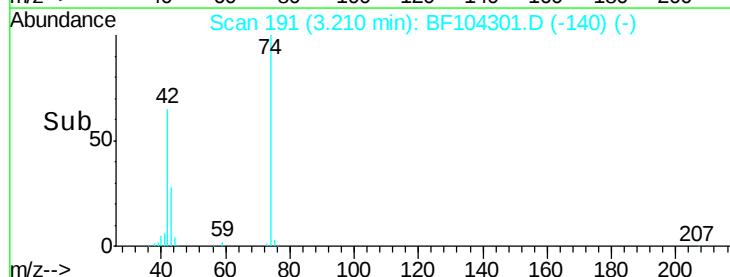
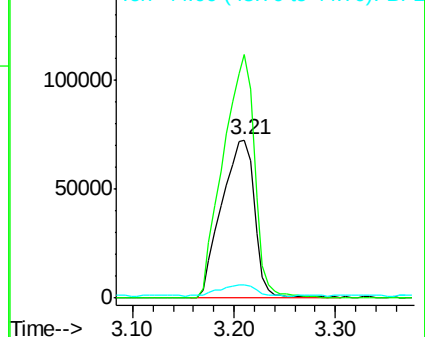
42 100

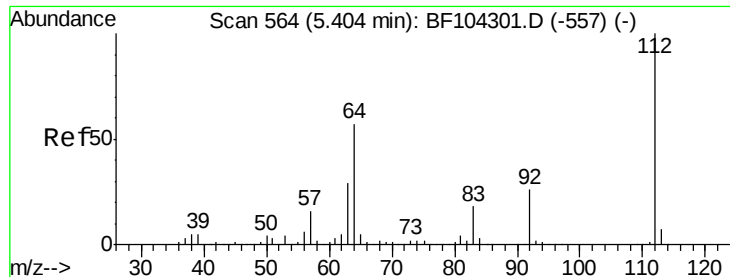
74 153.7 104.9 157.3

44 8.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.540 ng

RT: 5.40 min Scan# 564

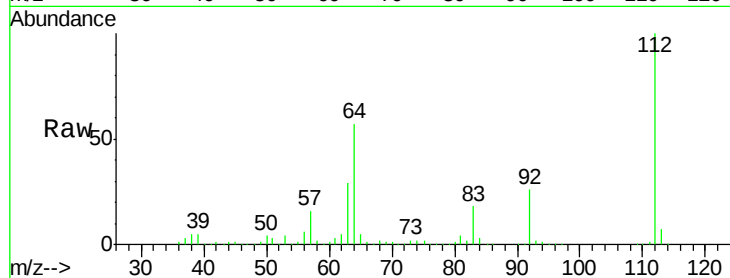
Delta R.T. 0.00 min

Lab File: BF104301.D

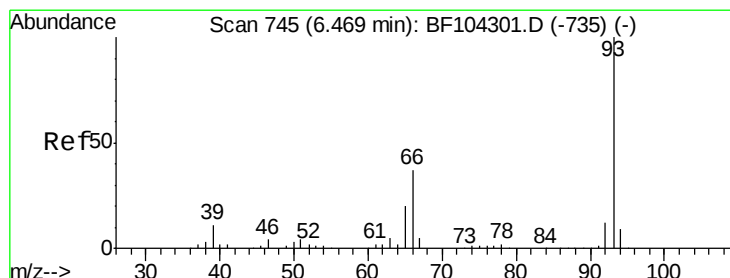
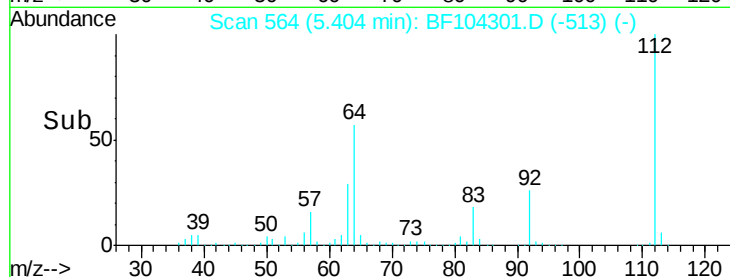
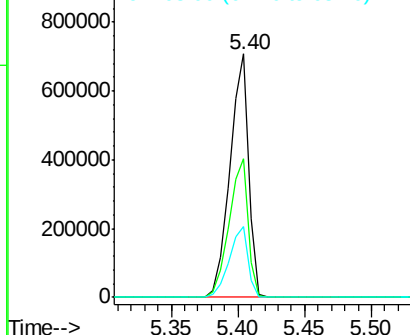
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	702369
Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	29.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 48.731 ng

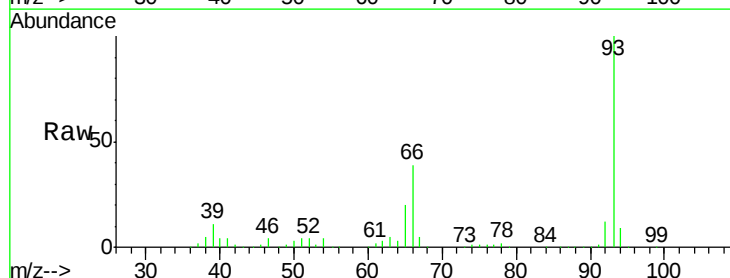
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

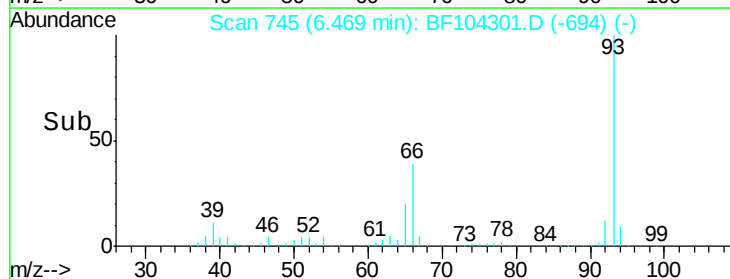
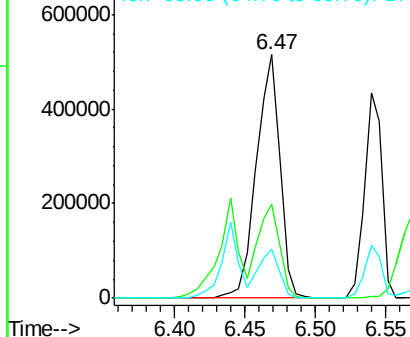
Lab File: BF104301.D

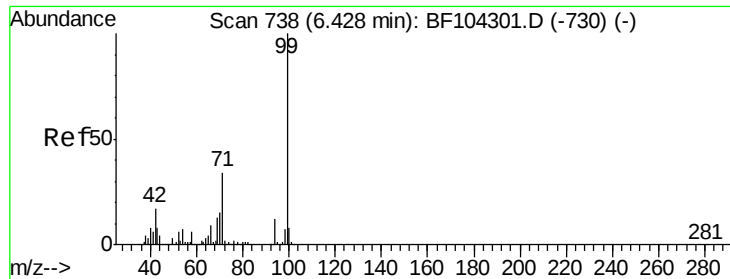
Acq: 6 Apr 2018 12:53

Tgt Ion:	93	Resp:	610737
Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.2	48.2
65	20.0	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: 82.173 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampled :

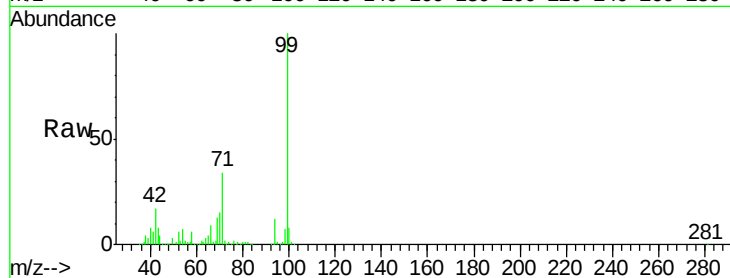
Tot Ion: 99 Resp: 860283

Ion Ratio Lower Upper

99 100

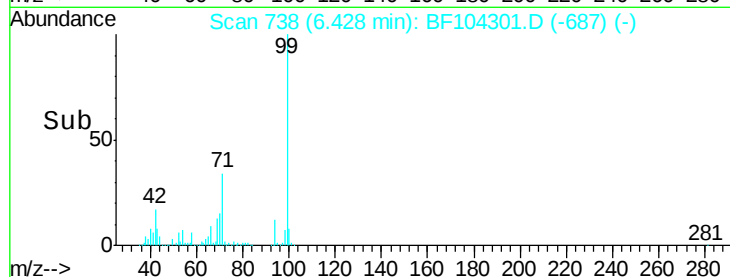
42 17.4 14.5 21.7

71 33.9 25.4 38.0

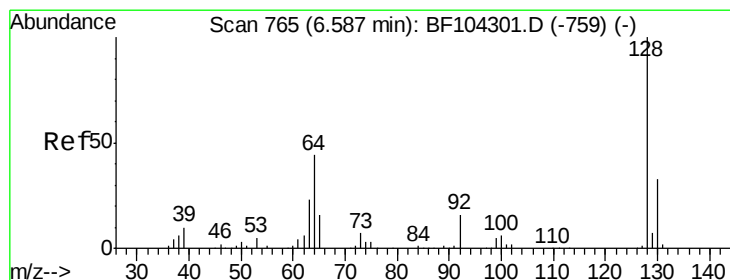


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.43



Time-->



#8

2-Chlorophenol

Concen: 40.231 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

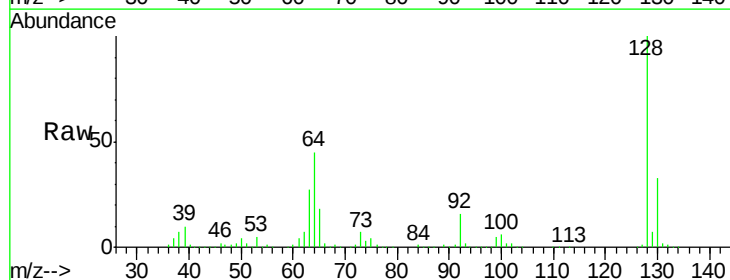
Tgt Ion: 128 Resp: 375531

Ion Ratio Lower Upper

128 100

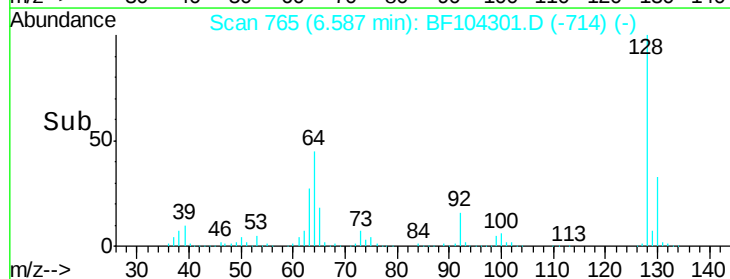
130 32.6 13.0 53.0

64 45.0 29.4 69.4

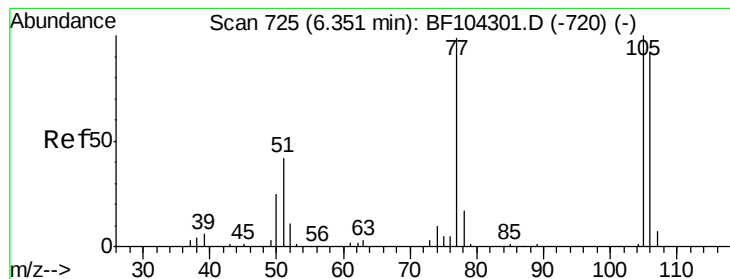


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.59



Time-->



#9

Benzaldehyde

Concen: 40.809 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

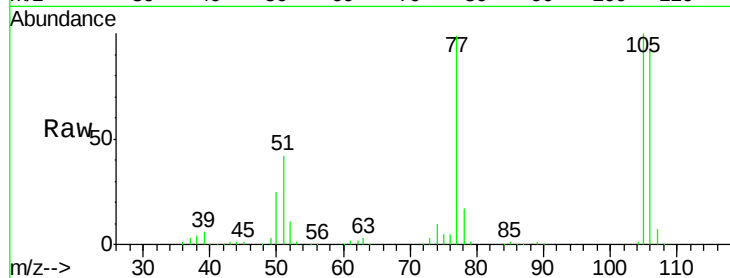
Tot Ion: 77 Resp: 226754

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

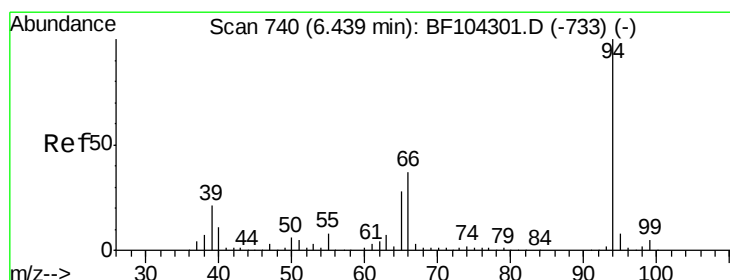
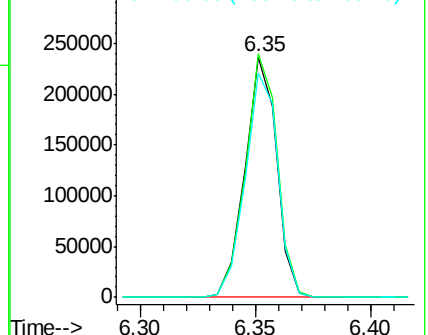
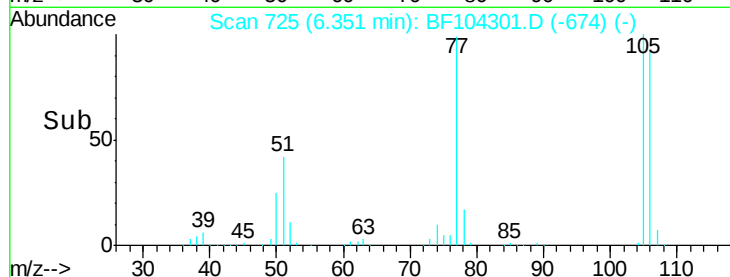
106 93.5 74.5 114.5



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: 39.200 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

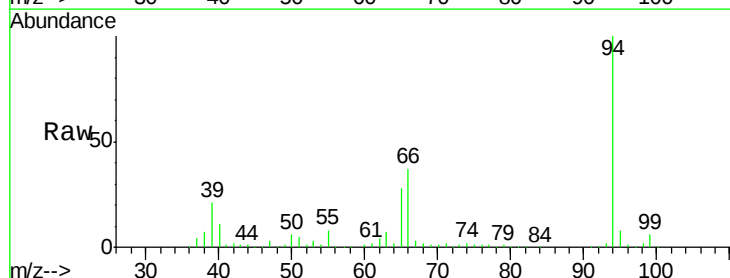
Tgt Ion: 94 Resp: 454716

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

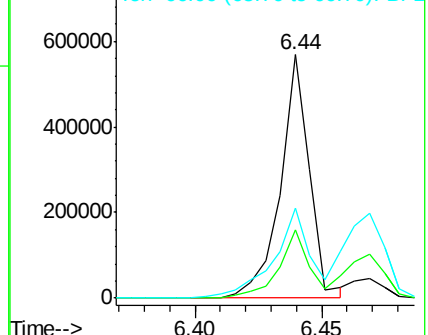
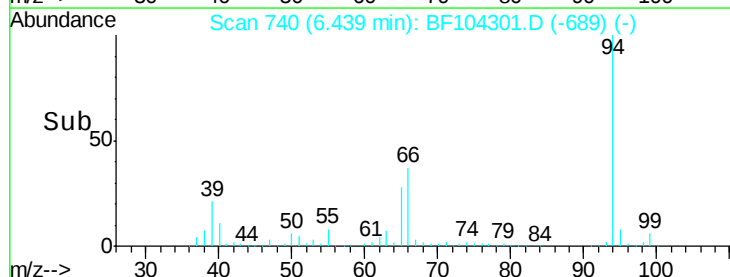
66 37.0 16.2 56.2

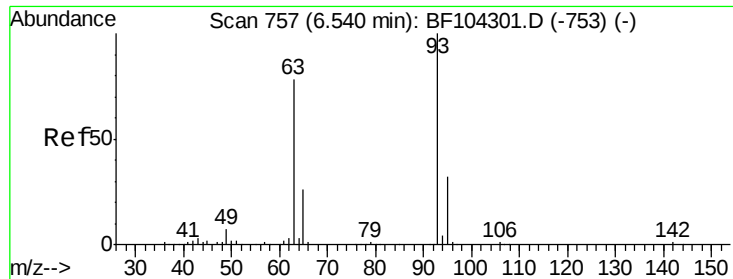


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.089 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

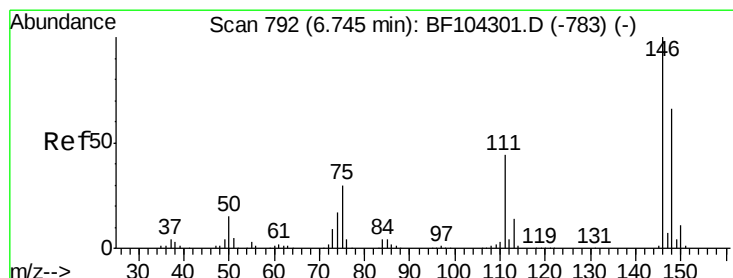
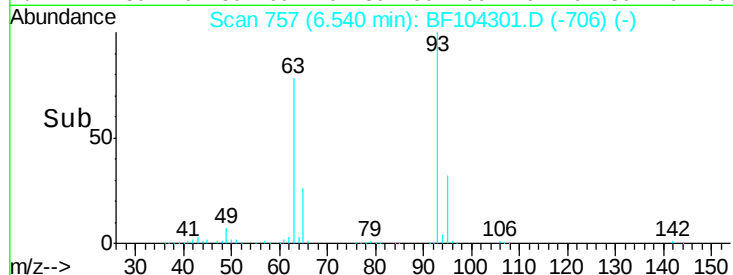
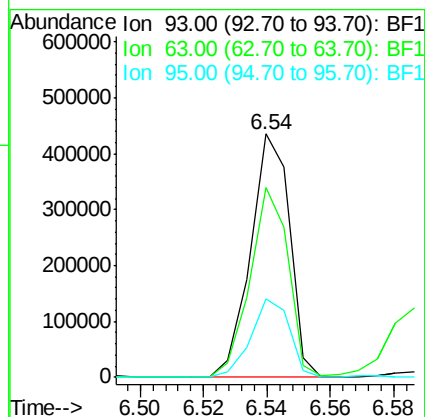
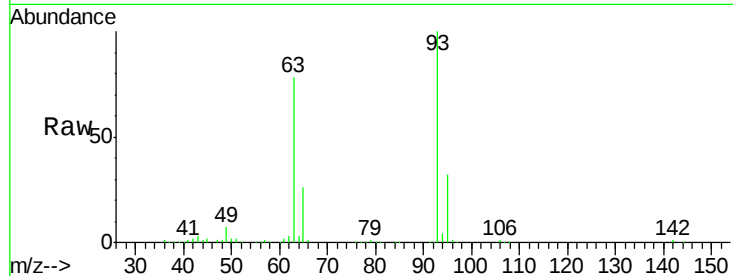
Tot Ion: 93 Resp: 370734

Ion Ratio Lower Upper

93 100

63 77.8 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.210 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

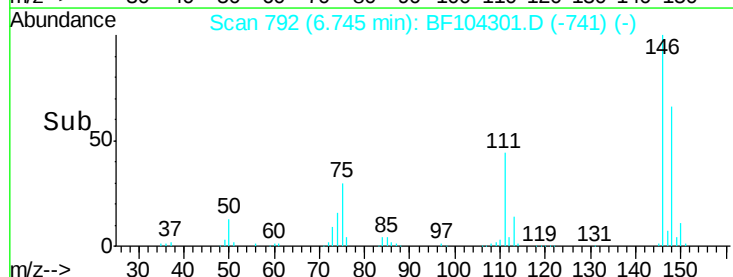
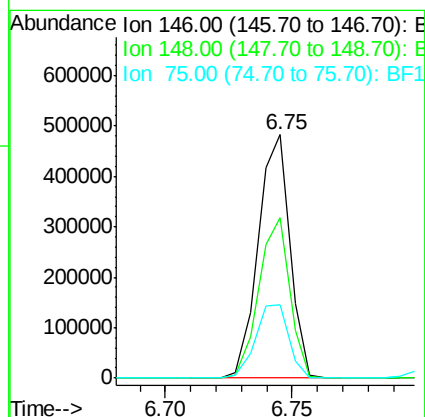
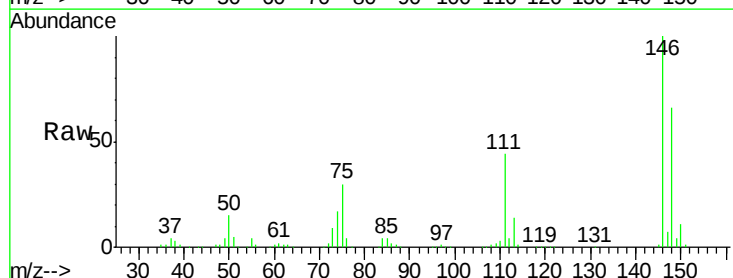
Tgt Ion: 146 Resp: 421916

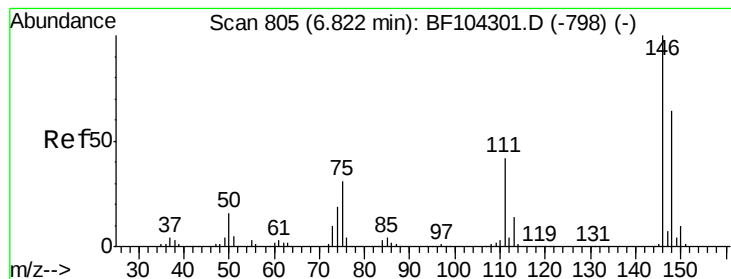
Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.8

75 30.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.600 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

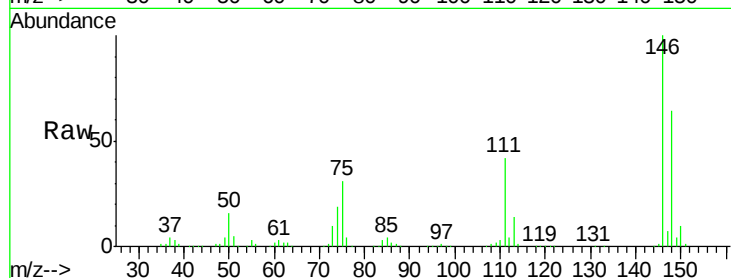
Tot Ion:146 Resp: 422730

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

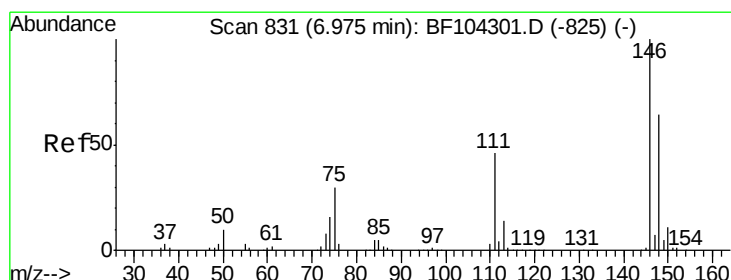
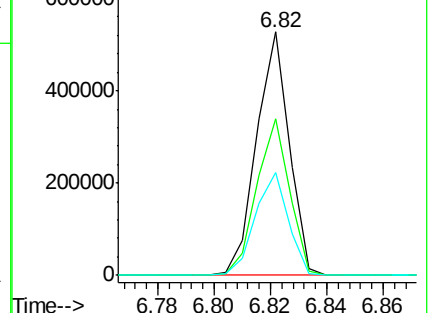
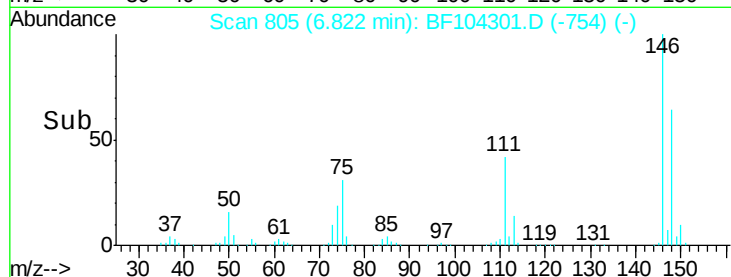
111 42.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.110 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

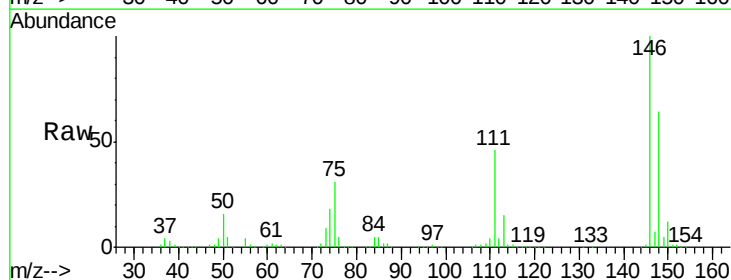
Tgt Ion:146 Resp: 395222

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

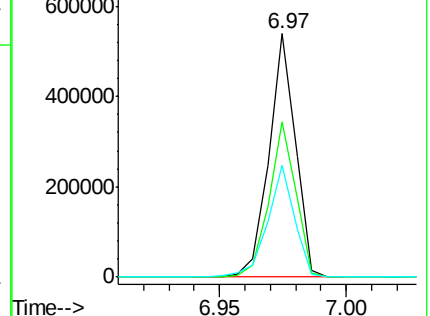
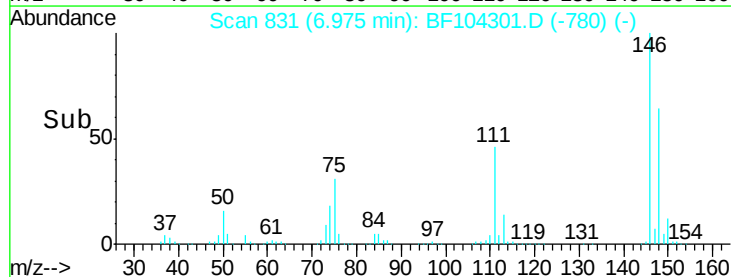
111 46.0 36.0 54.0

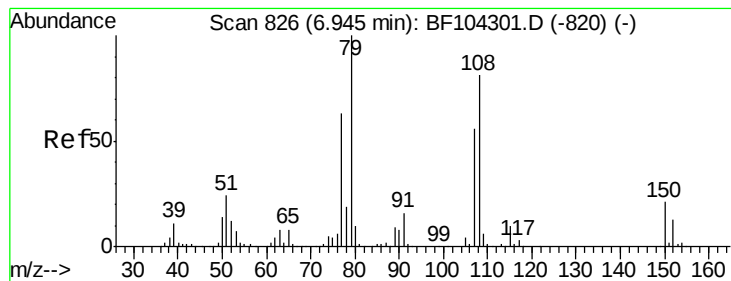


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.267 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

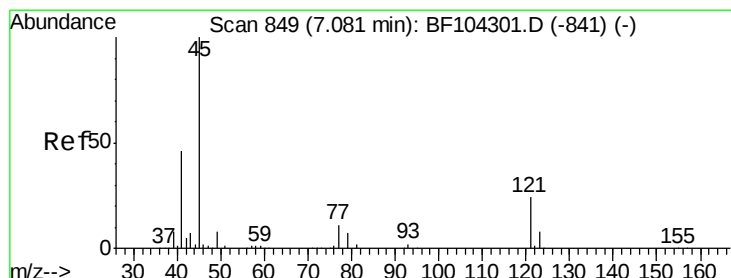
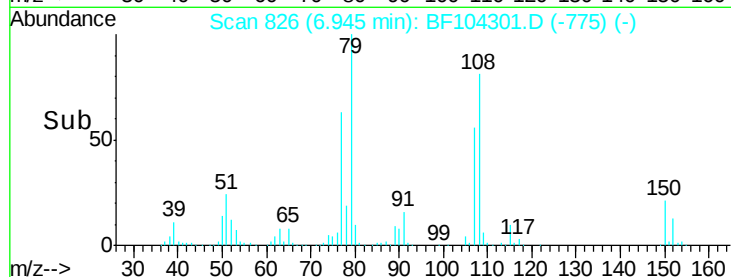
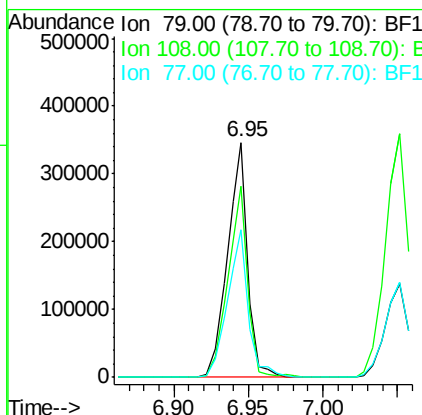
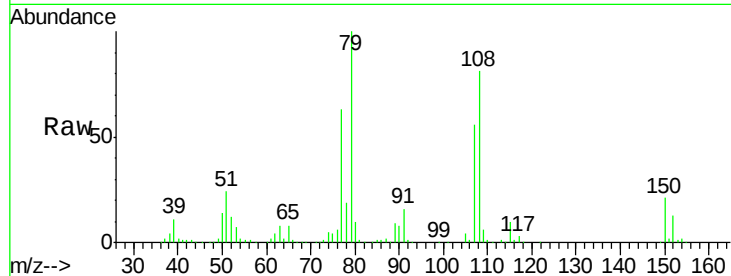
Tot Ion: 79 Resp: 328546

Ion Ratio Lower Upper

79 100

108 81.2 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.562 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

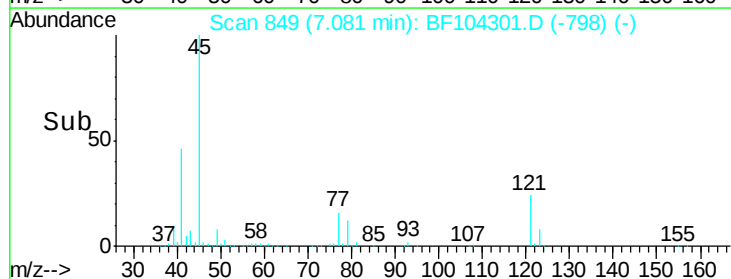
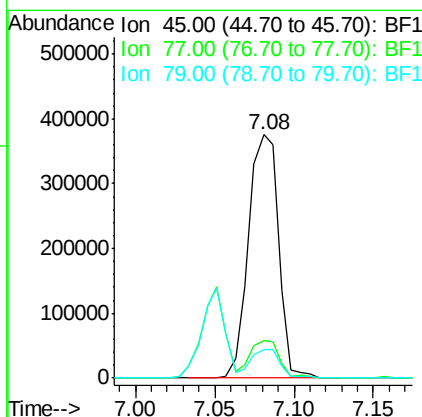
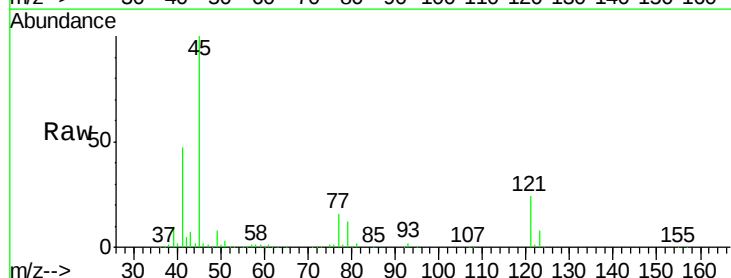
Tgt Ion: 45 Resp: 496171

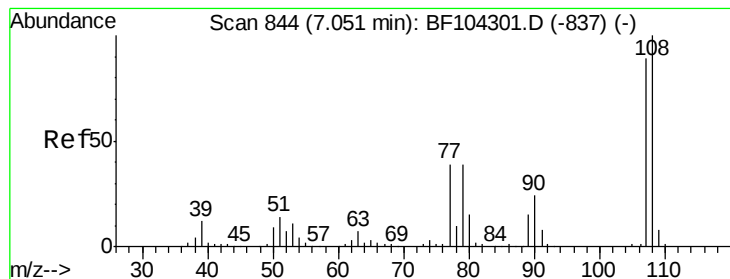
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

79 11.6 0.0 29.6

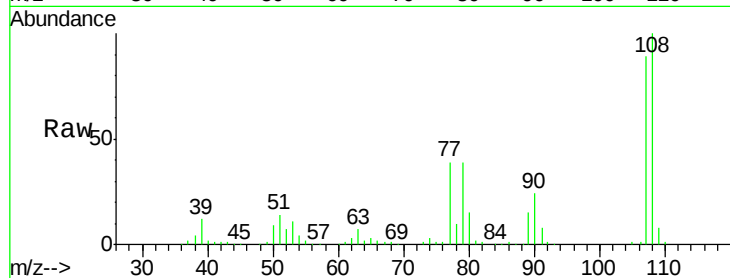




#17
2-Methylphenol
Concen: 42.899 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	44.2	33.8	50.8
79	43.6	33.8	50.8



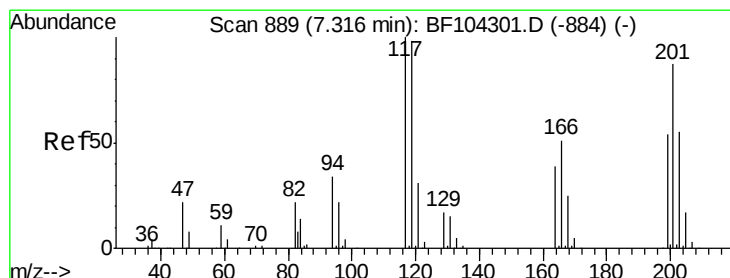
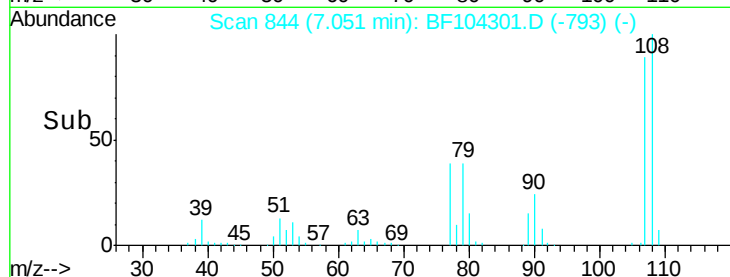
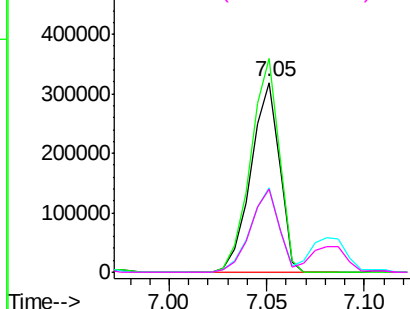
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

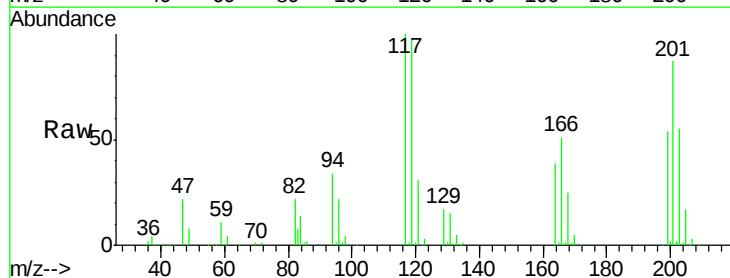
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.896 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
201	86.6	75.7	113.5

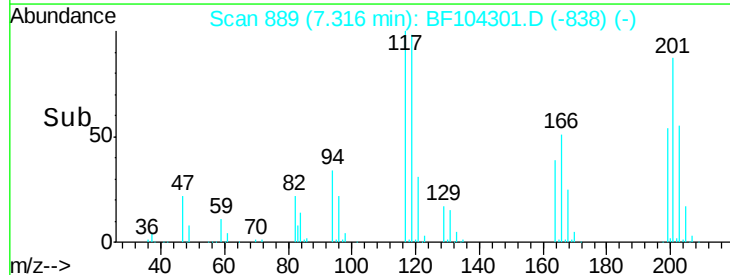
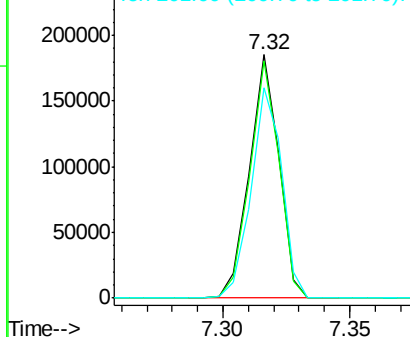


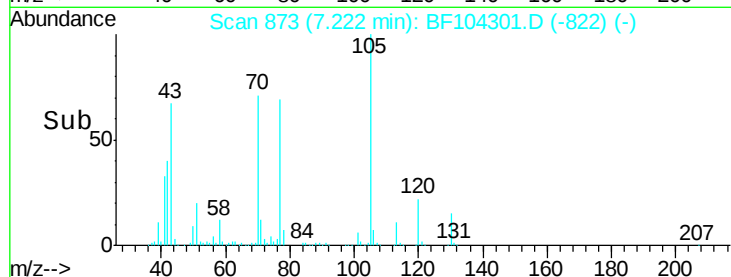
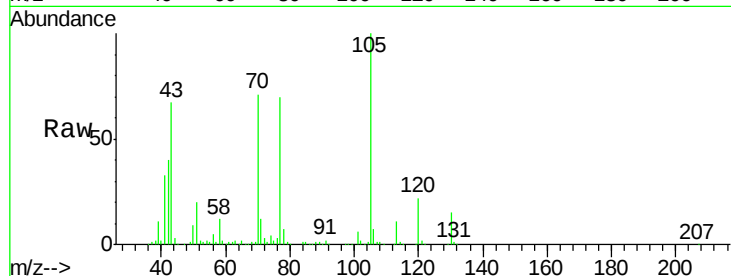
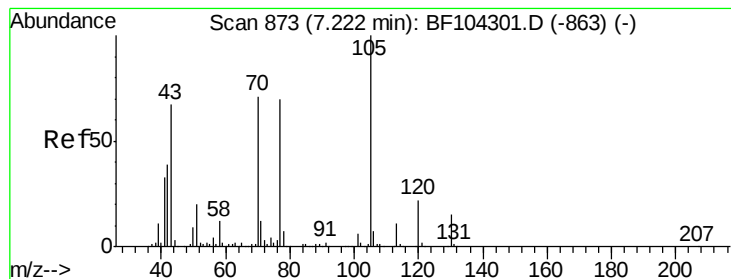
Abundance

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: 43.857 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 272484

Ion Ratio Lower Upper

70 100

42 55.6 47.5 71.3

101 9.1 7.4 11.2

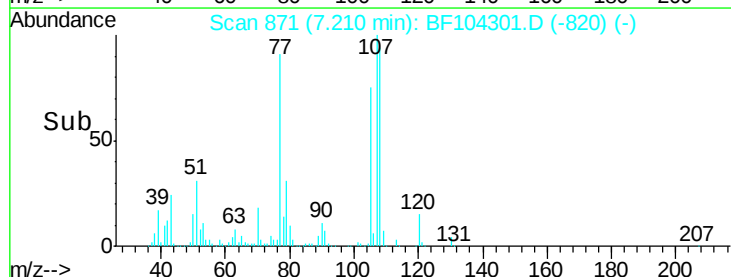
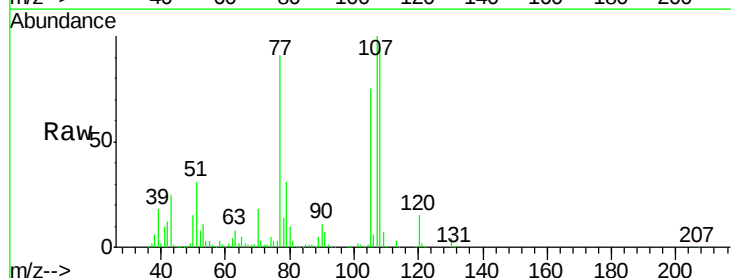
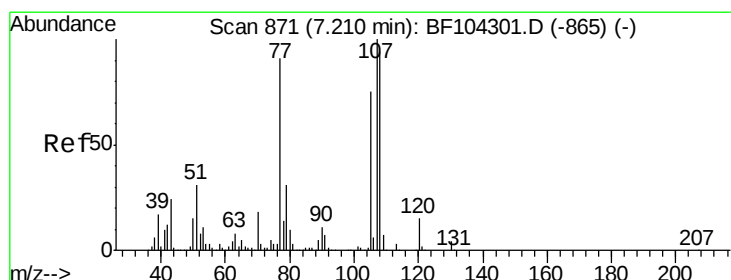
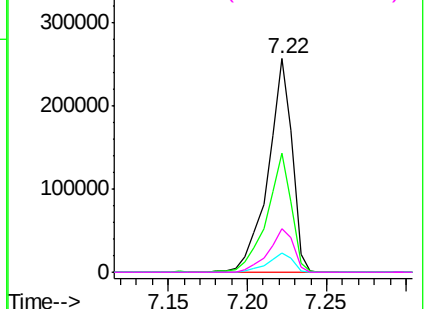
130 20.6 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.310 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Tgt Ion:107 Resp: 400544

Ion Ratio Lower Upper

107 100

108 93.7 68.2 108.2

77 91.2 26.7 66.7#

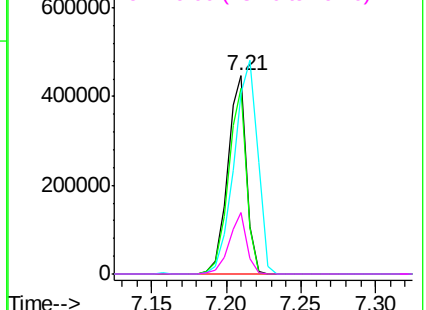
79 31.3 6.3 46.3

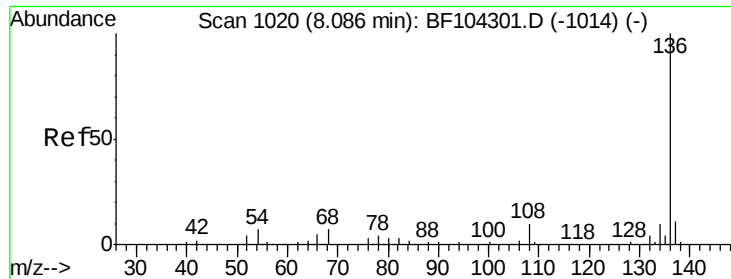
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

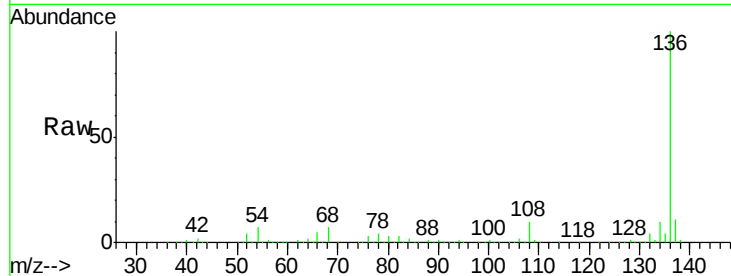




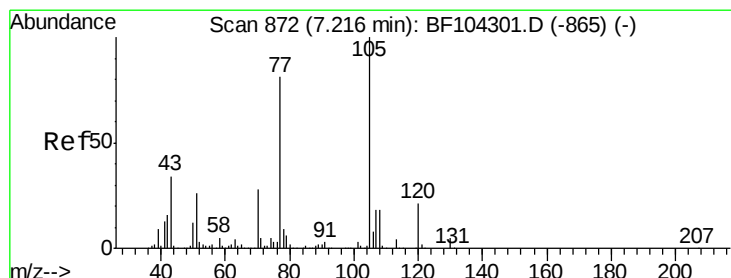
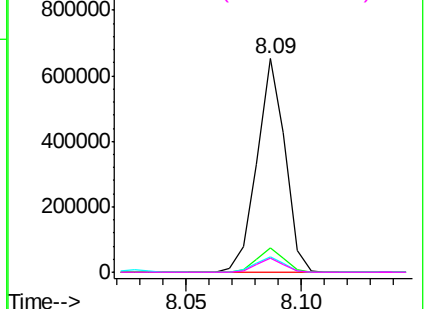
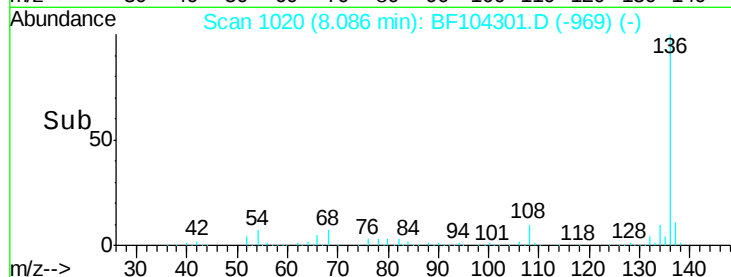
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	553720
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	6.6	5.0 7.4

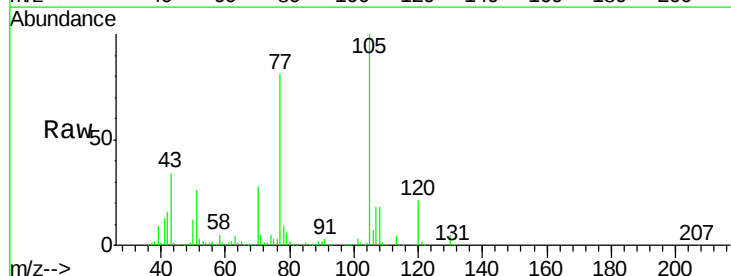


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

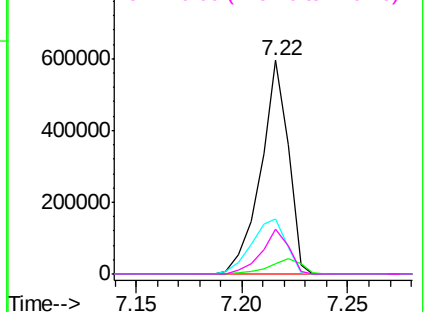
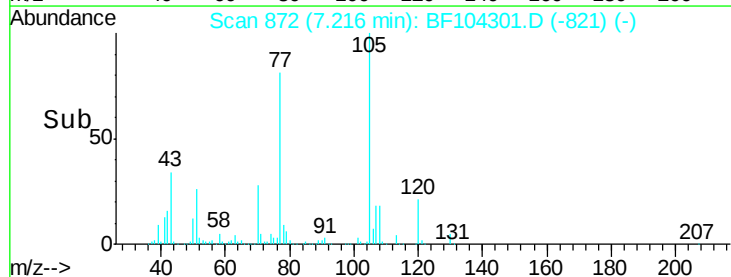


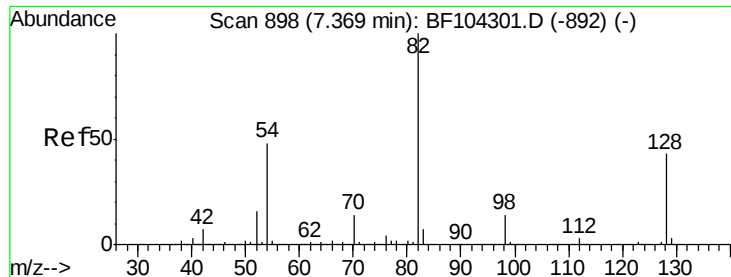
#22
Acetophenone
Concen: 40.148 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:105	Resp:	537876
Ion Ratio	Lower	Upper
105	100	
71	4.8	4.4 6.6
51	26.0	22.3 33.5
120	21.0	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

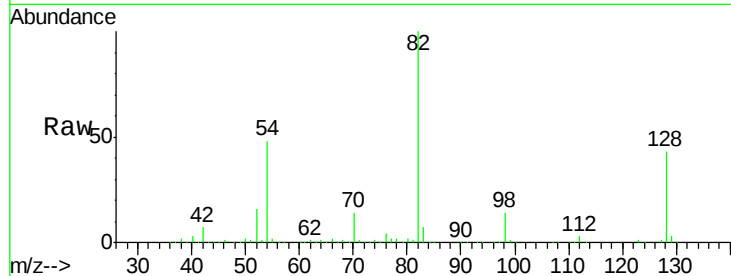




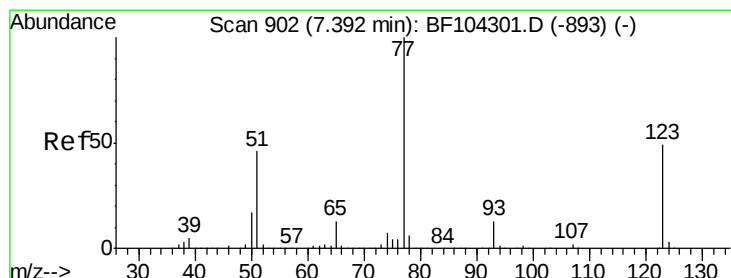
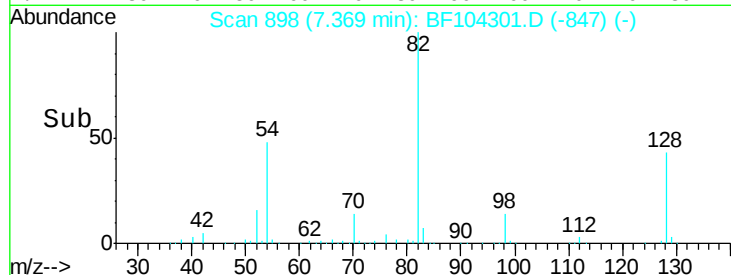
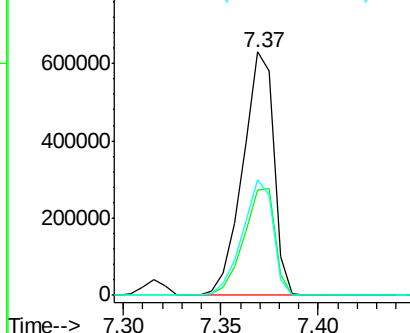
#23
Nitrobenzene-d5
Concen: 76.742 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 694841
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 47.6 41.4 62.2

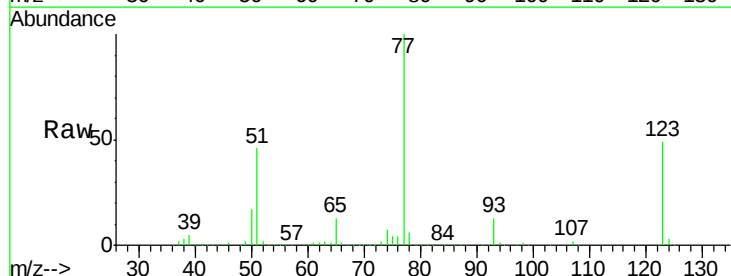


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

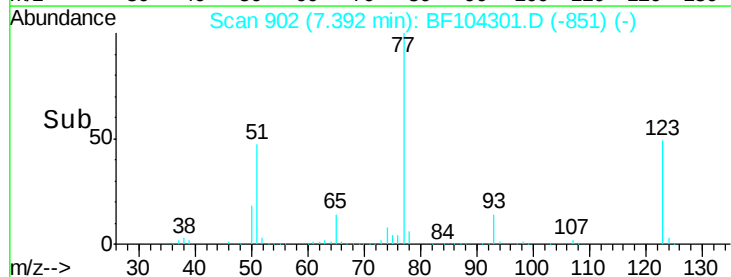
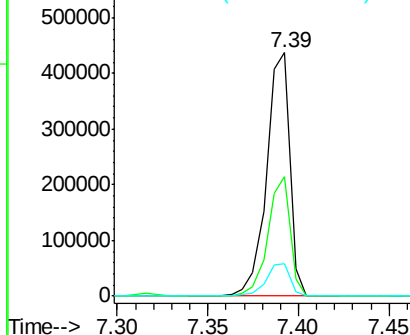


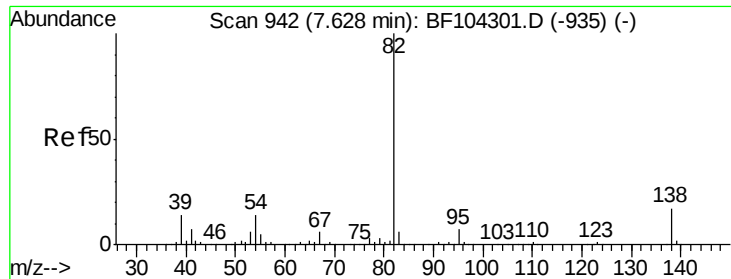
#24
Nitrobenzene
Concen: 40.900 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion: 77 Resp: 389642
Ion Ratio Lower Upper
77 100
123 49.0 37.9 56.9
65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 42.666 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

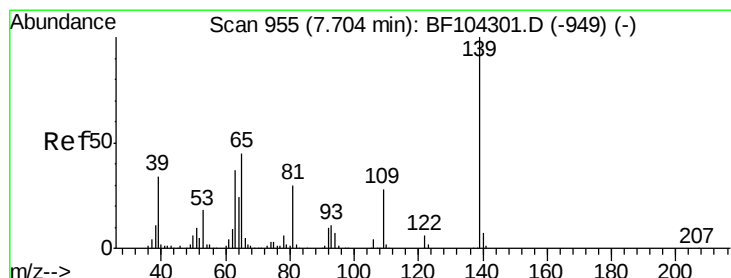
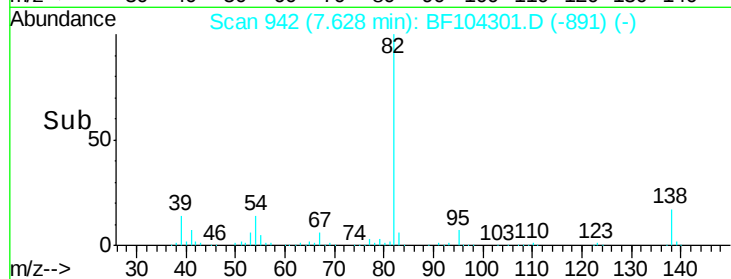
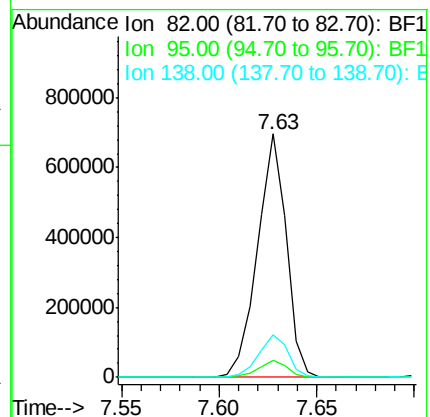
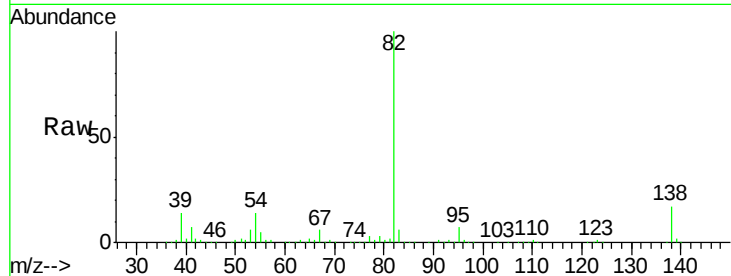
Tot Ion: 82 Resp: 711934

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 32.367 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

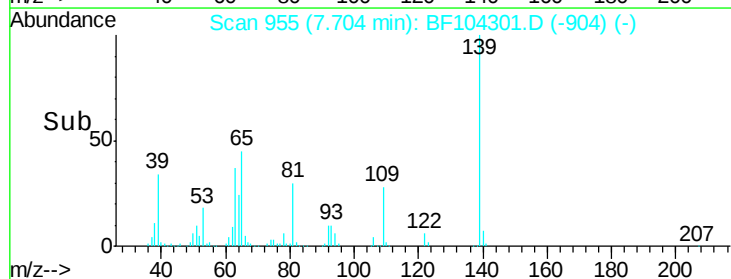
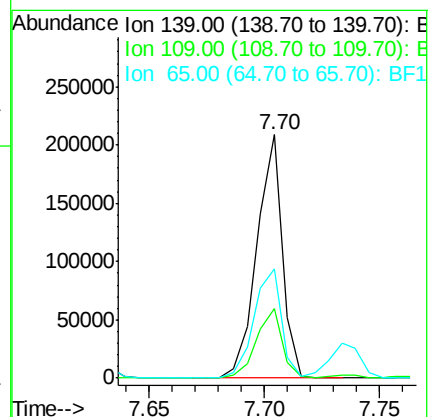
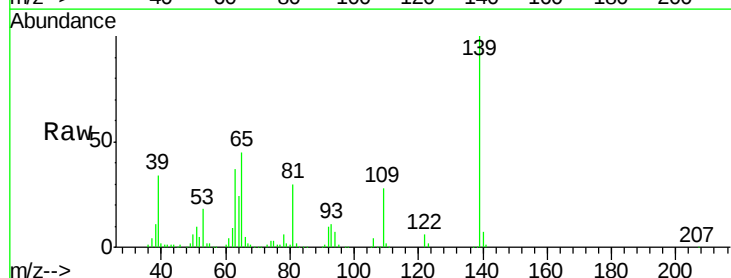
Tgt Ion: 139 Resp: 160954

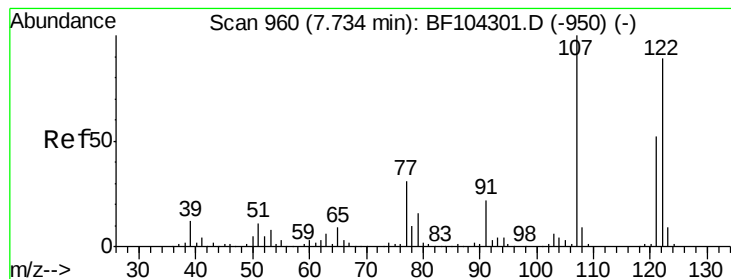
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.563 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampled :

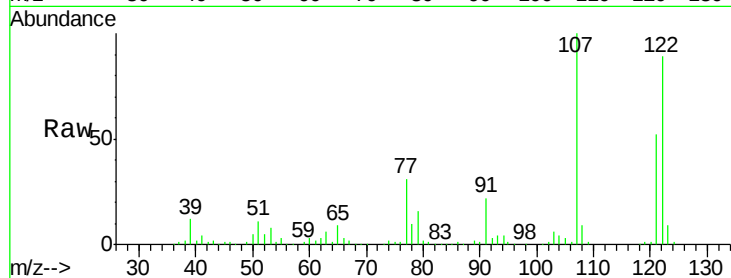
Tot Ion:122 Resp: 319598

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

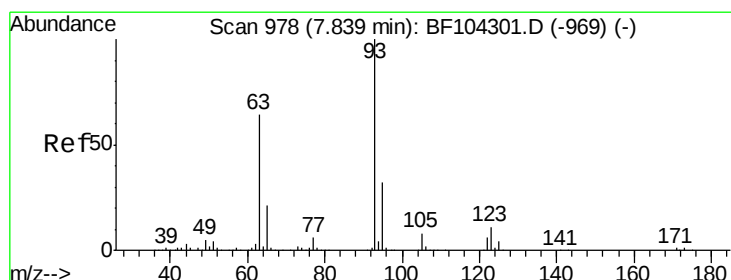
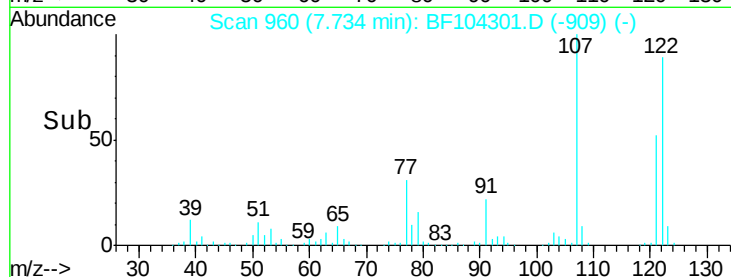
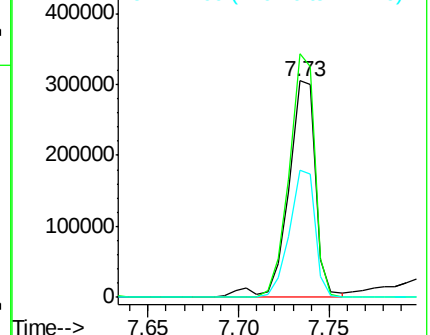
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.503 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

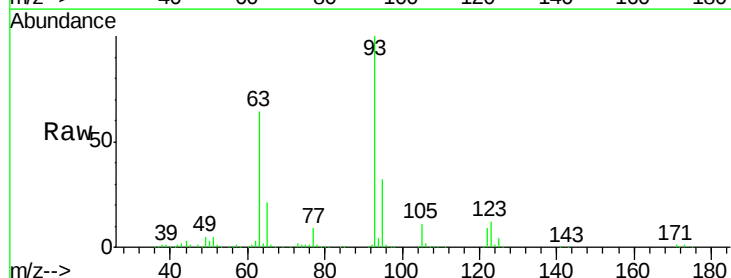
Tgt Ion: 93 Resp: 434036

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

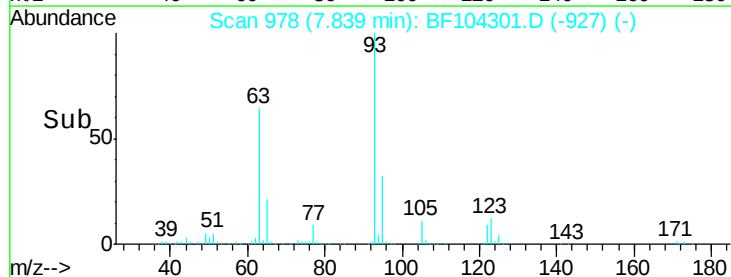
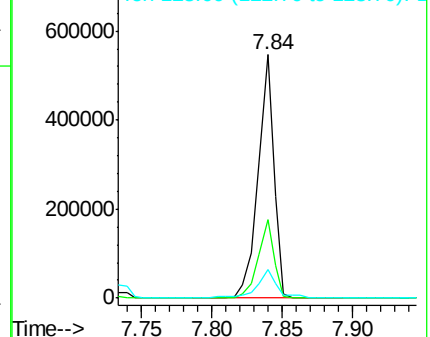
123 11.7 9.8 14.6

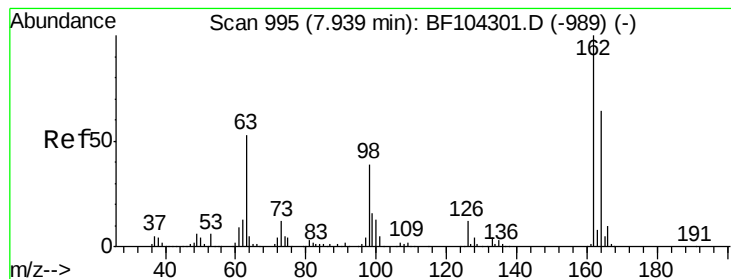


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.708 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

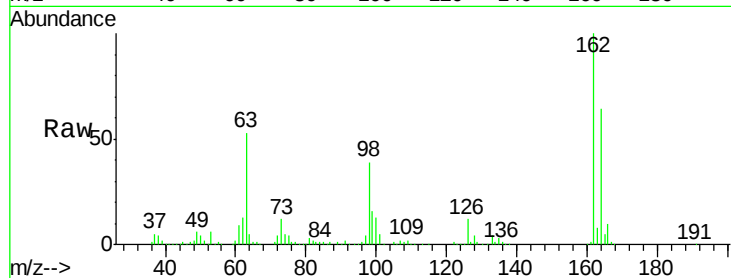
Tot Ion:162 Resp: 304942

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

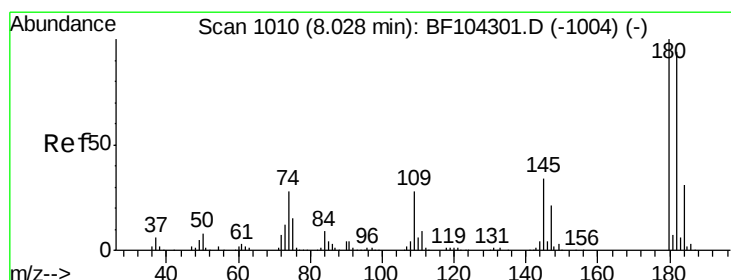
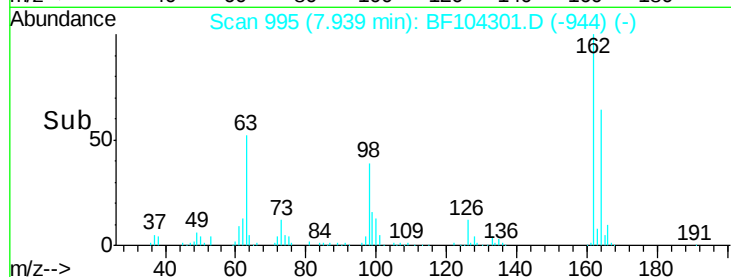
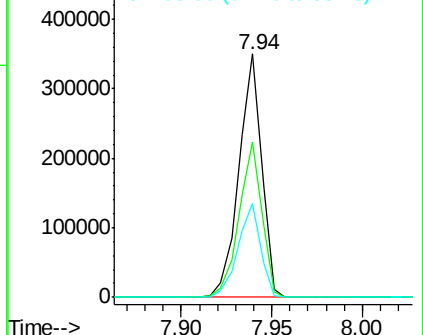
98 38.8 18.1 58.1



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: 38.778 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

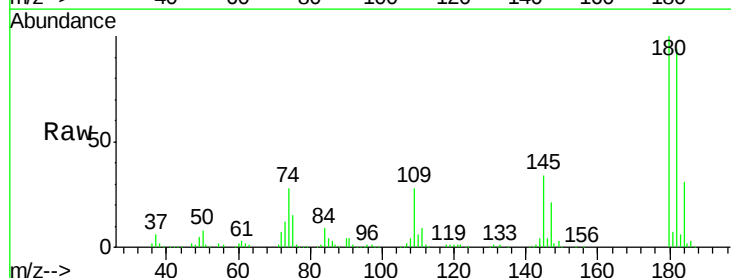
Tgt Ion:180 Resp: 329586

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

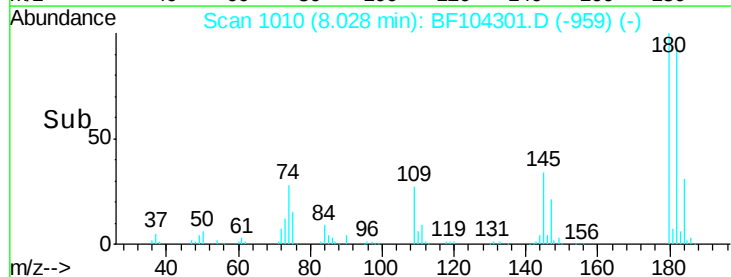
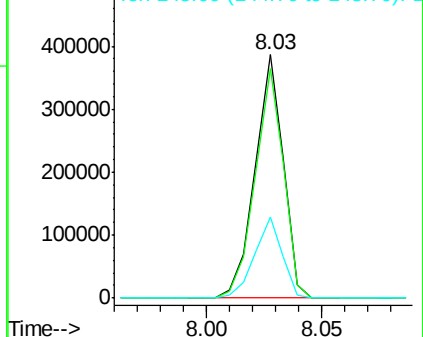
145 33.5 26.5 39.7

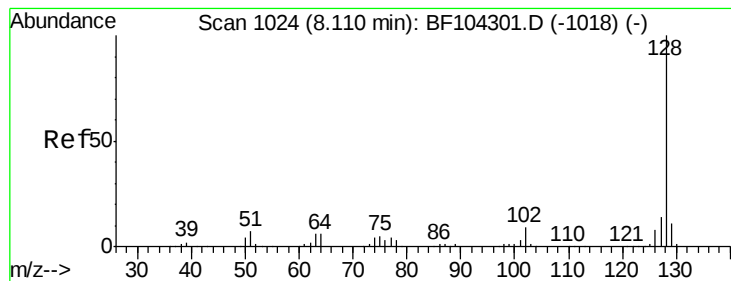


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.560 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

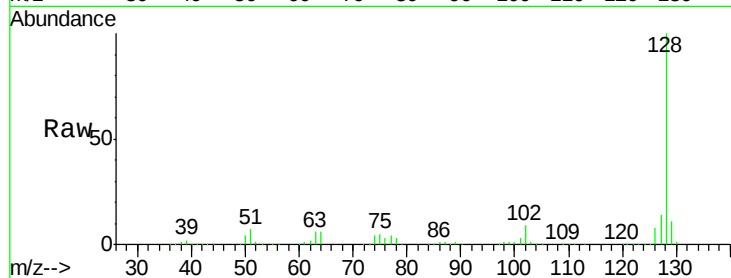
Tot Ion:128 Resp: 1097203

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

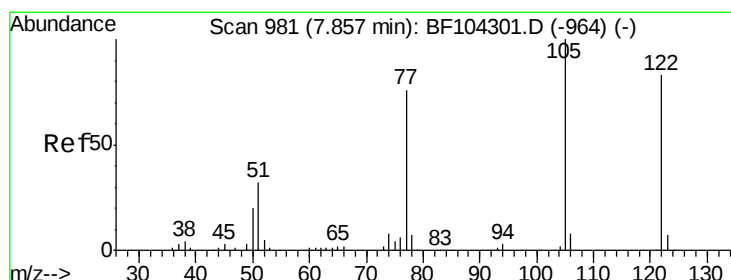
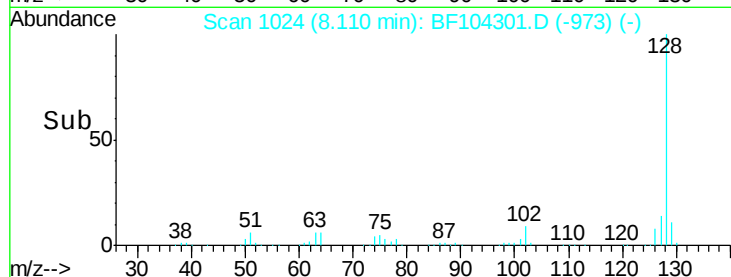
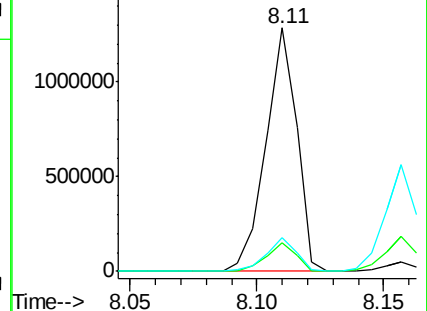
127 13.6 10.9 16.3



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: 51.325 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

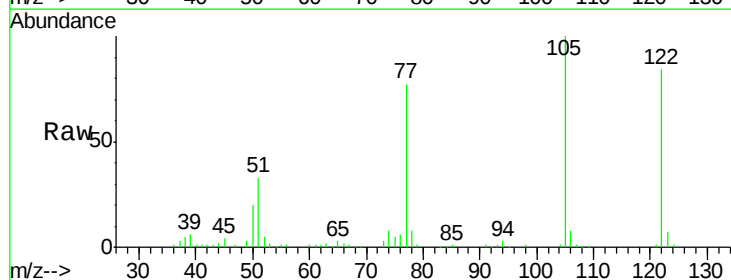
Tgt Ion:122 Resp: 269656

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

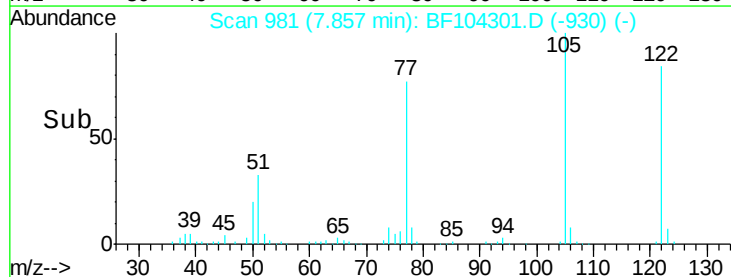
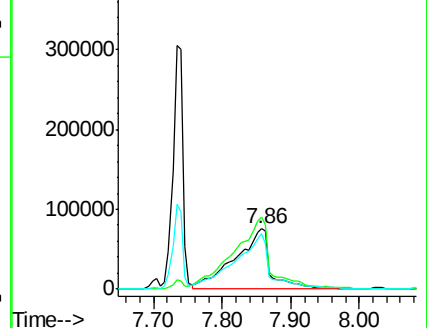
77 91.5 70.7 110.7

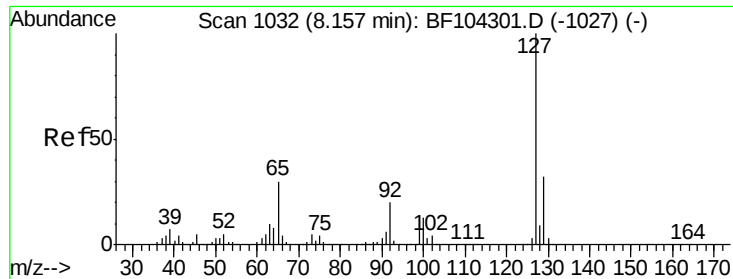


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

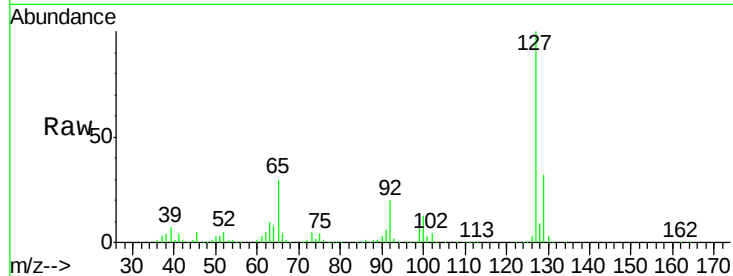




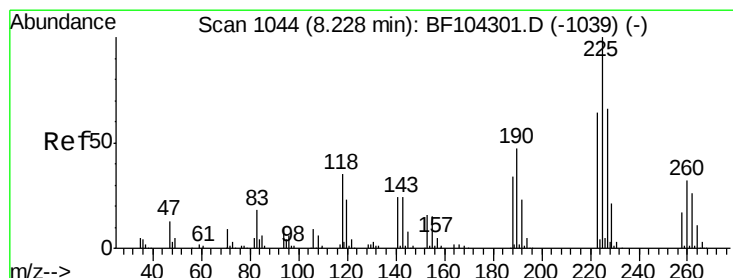
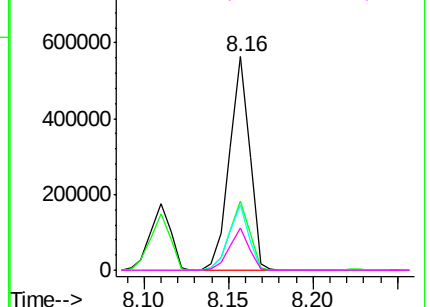
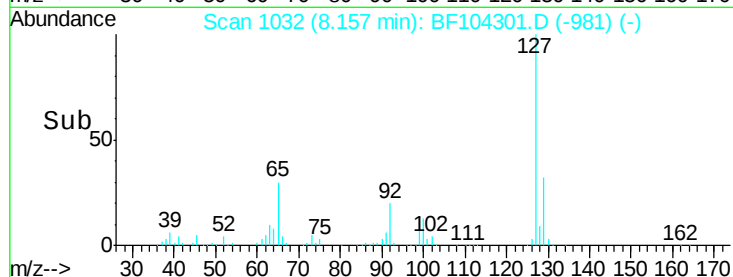
#33
4-Chloroaniline
Concen: 41.082 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 468514
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 30.4 25.0 37.4
92 19.7 15.2 22.8

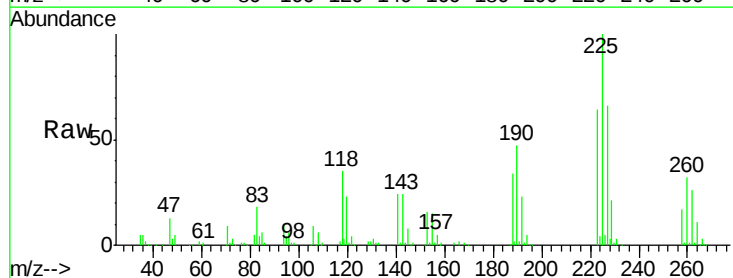


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

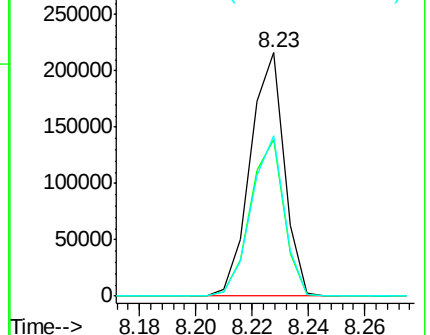
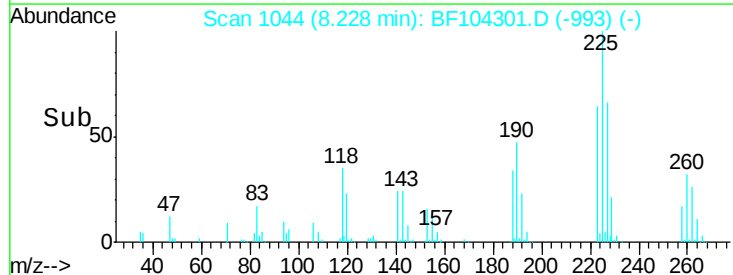


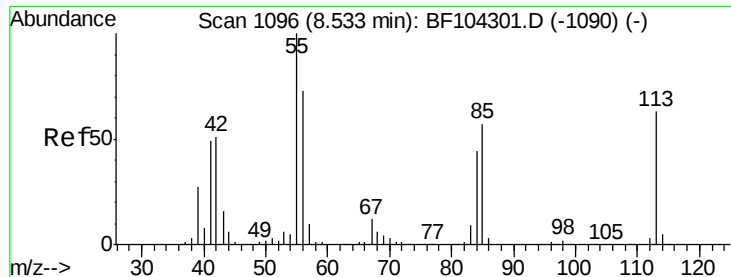
#34
Hexachlorobutadiene
Concen: 38.936 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:225 Resp: 180085
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 66.1 51.9 77.9



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

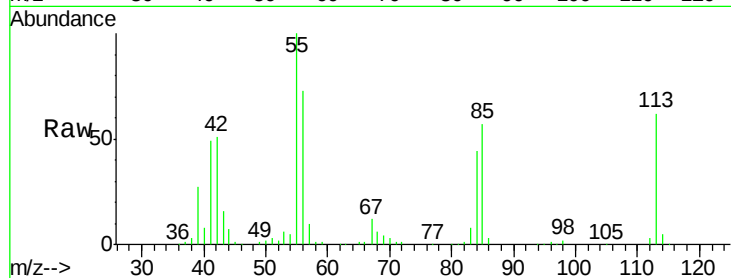




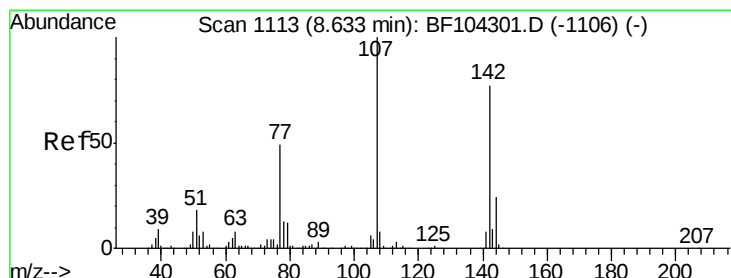
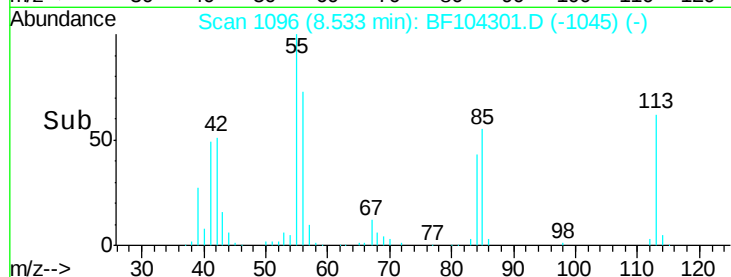
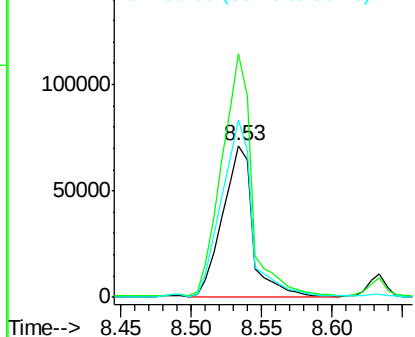
#35
Caprolactam
Concen: 45.144 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 107227
Ion Ratio Lower Upper
113 100
55 160.6 163.3 203.3#
56 116.7 115.7 155.7

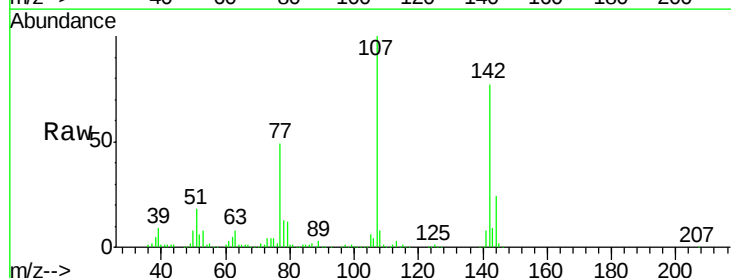


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

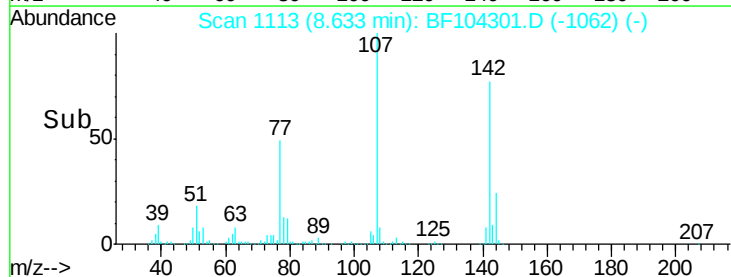
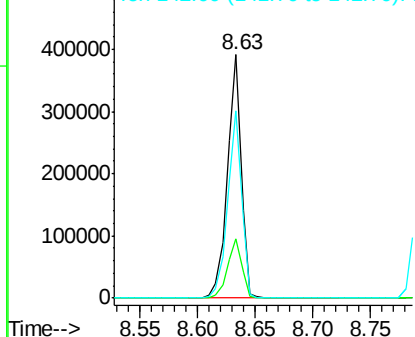


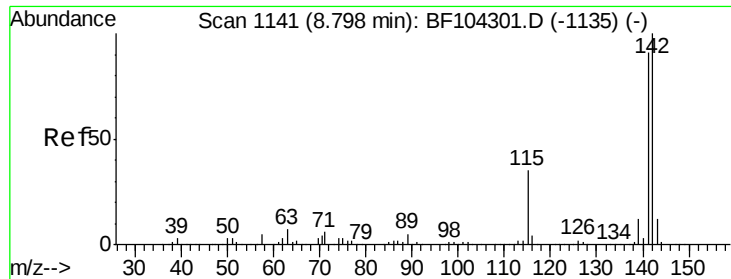
#36
4-Chloro-3-methylphenol
Concen: 40.889 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:107 Resp: 323980
Ion Ratio Lower Upper
107 100
144 24.4 20.5 30.7
142 76.7 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

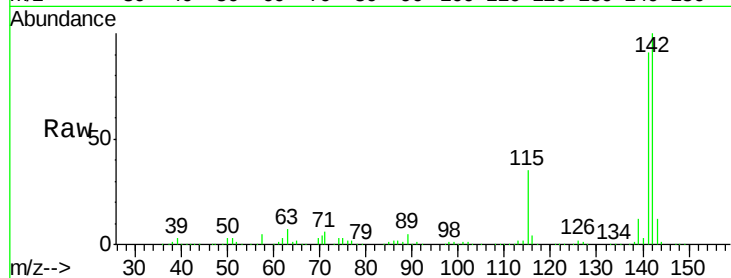




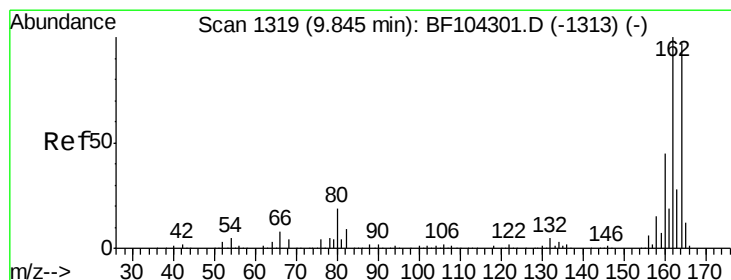
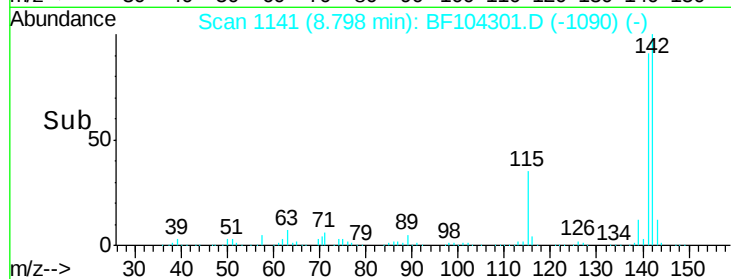
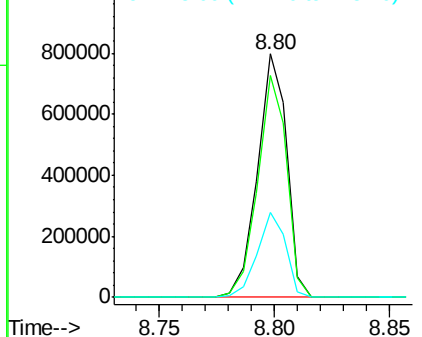
#37
2-Methylnaphthalene
Concen: 39.525 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 704277
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2
115 35.0 26.1 39.1

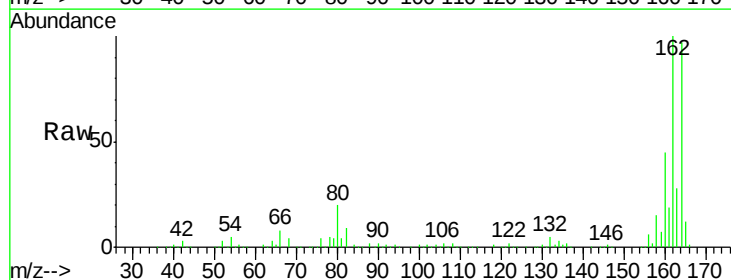


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

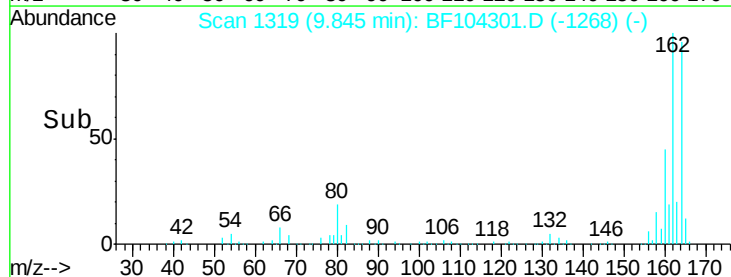
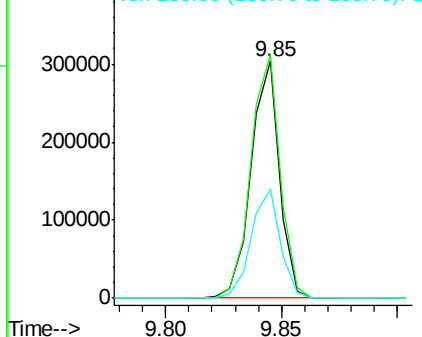


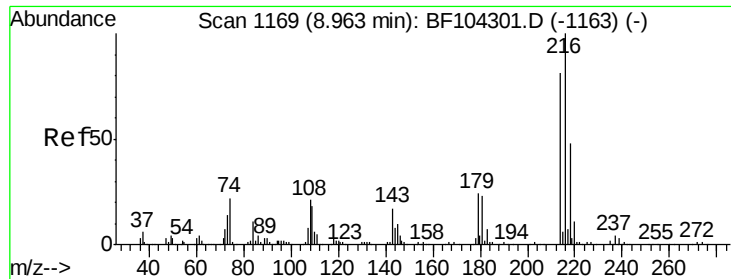
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:164 Resp: 259863
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.1 38.3 57.5



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

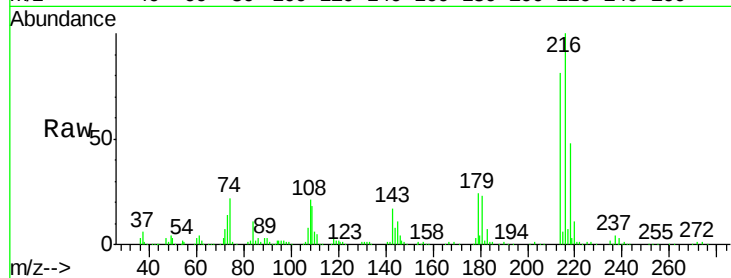




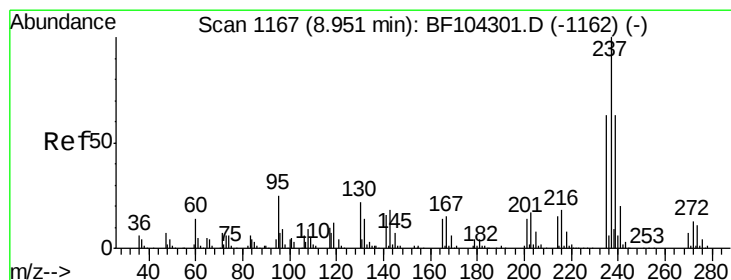
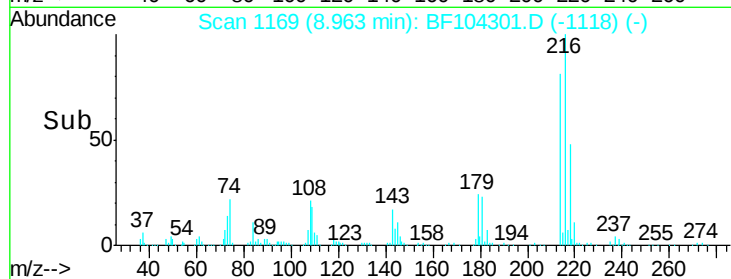
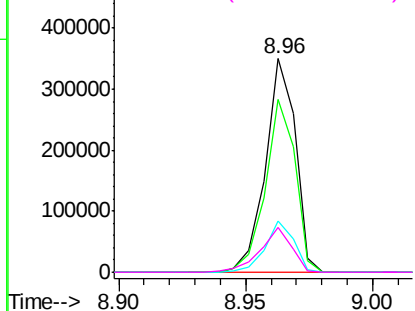
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.475 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	290658
Ion Ratio	Lower	Upper
216	100	
214	80.8	63.0 94.4
179	23.0	18.1 27.1
108	22.2	17.2 25.8

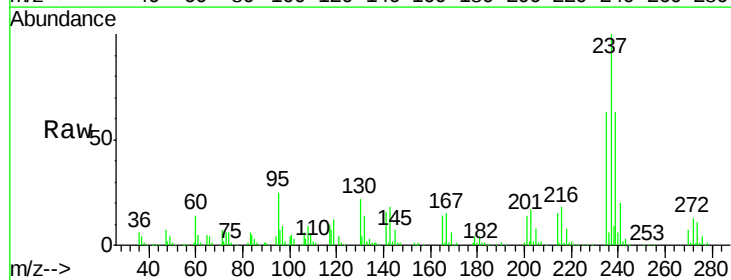


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

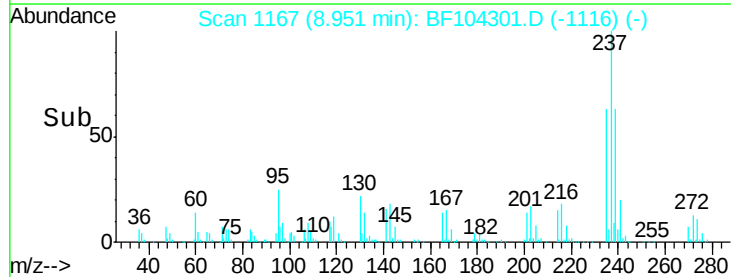
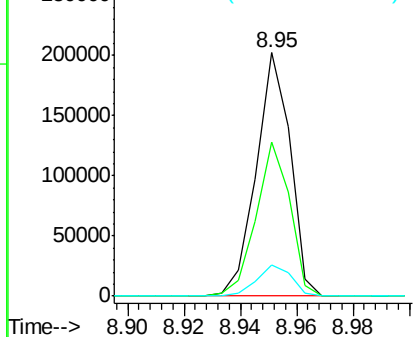


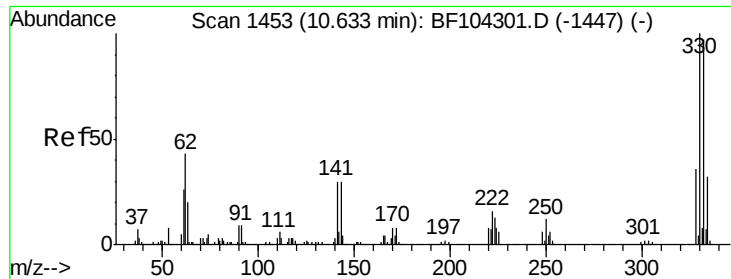
#40
 Hexachlorocyclopentadiene
 Concen: 51.554 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:237	Resp:	169245
Ion Ratio	Lower	Upper
237	100	
235	63.2	44.8 84.8
272	12.6	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

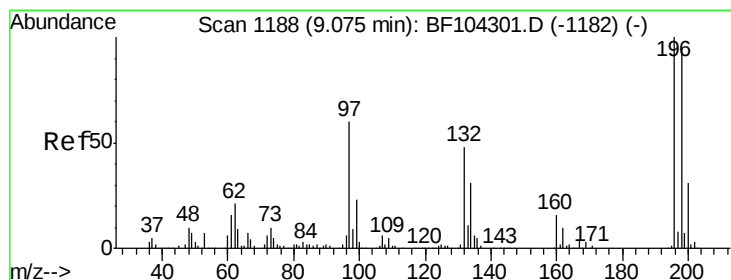
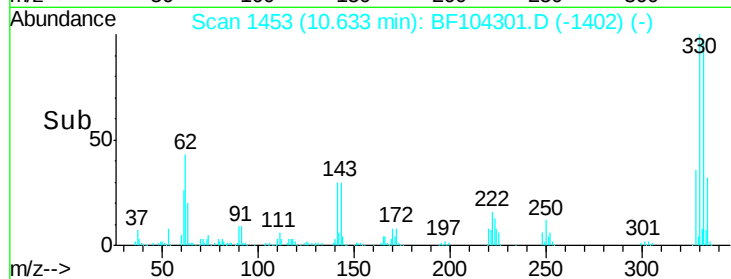
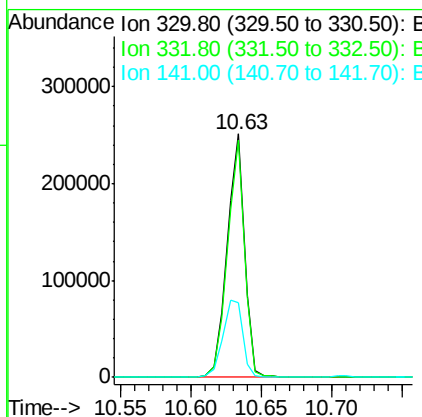
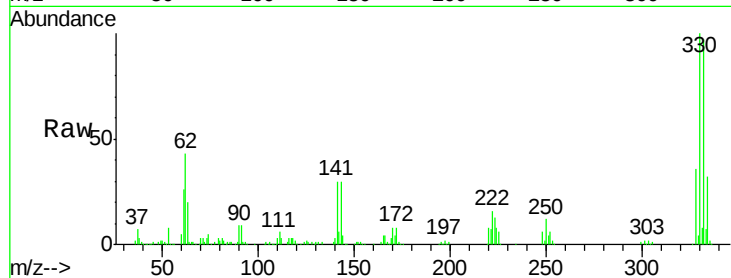




#41
 2,4,6-Tribromophenol
 Concen: 74.394 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

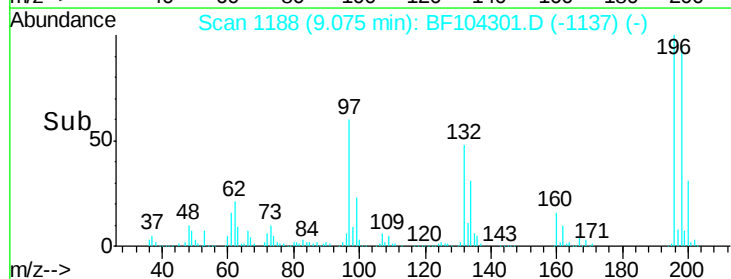
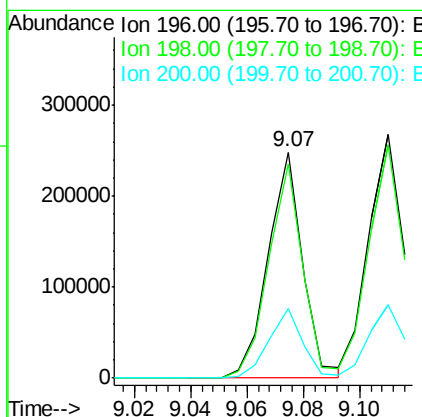
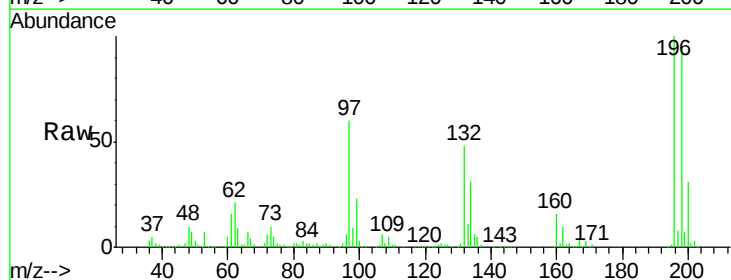
Instrument :
 BNA_F
 ClientSampleId :

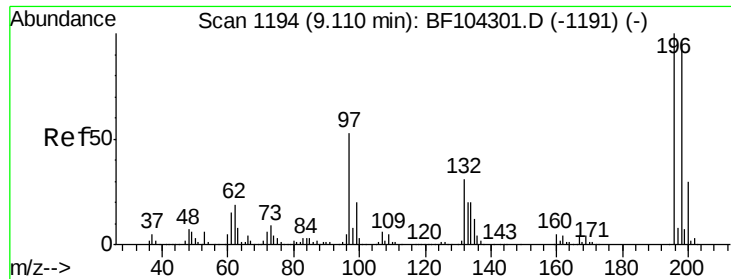
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.759 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.7	24.5	36.7

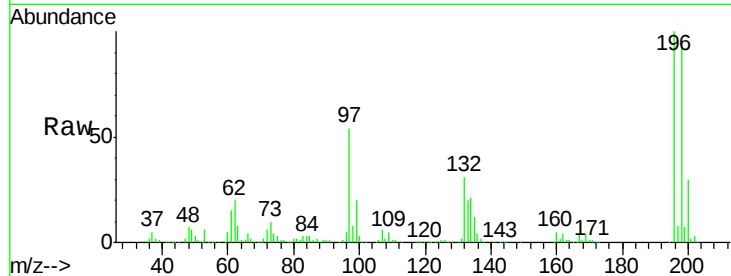




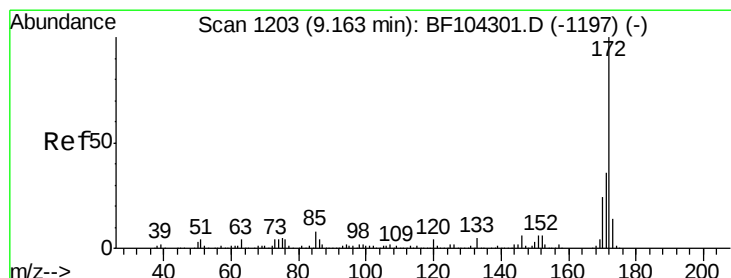
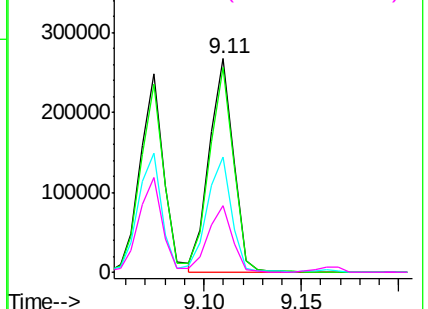
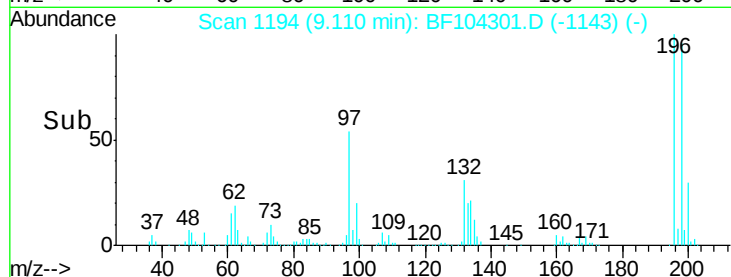
#43
 2,4,5-Trichlorophenol
 Concen: 37.739 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	229926
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	53.9	42.9	64.3
132	31.3	26.3	39.5

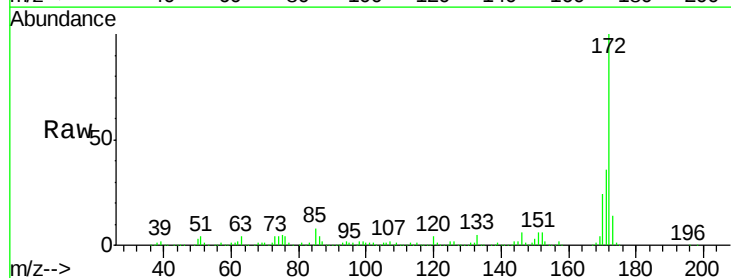


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

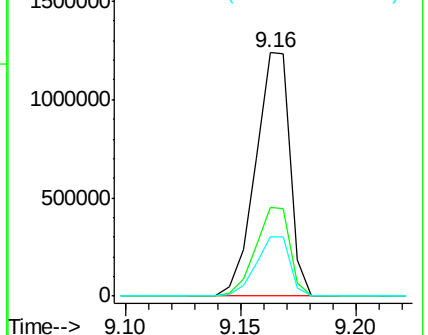
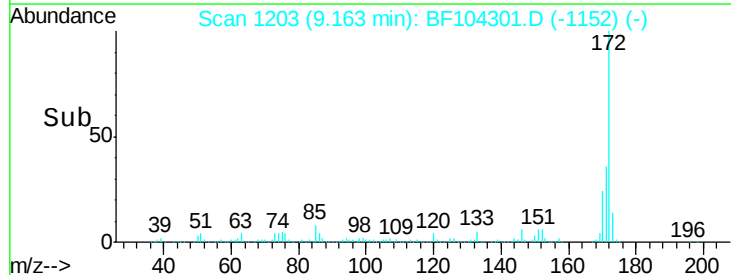


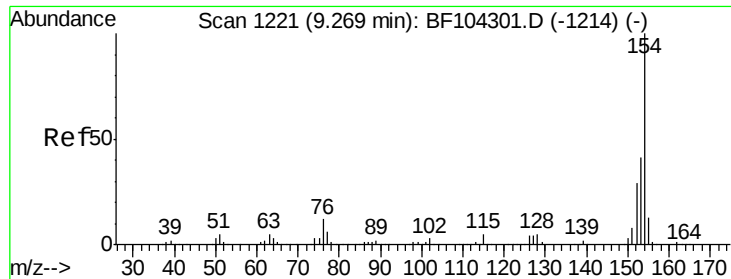
#44
 2-Fluorobiphenyl
 Concen: 78.149 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:	172	Resp:	1287826
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4



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

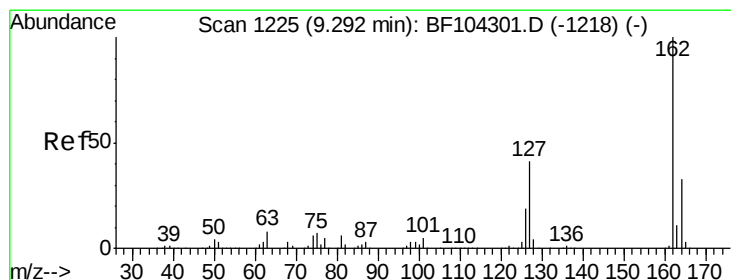
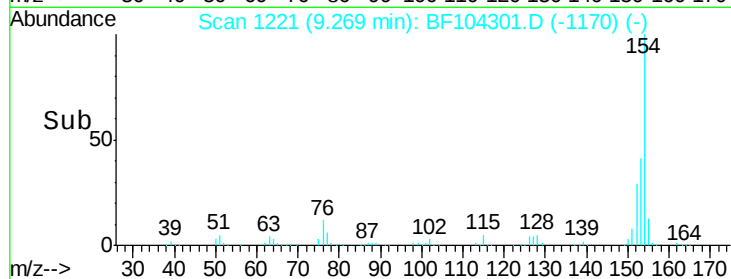
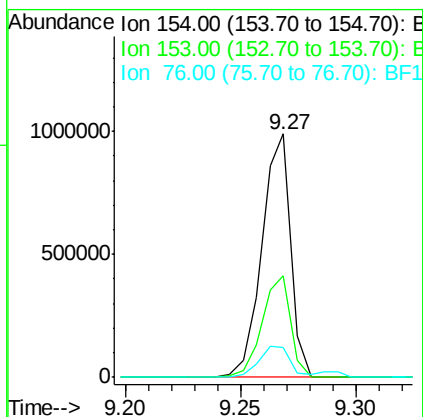
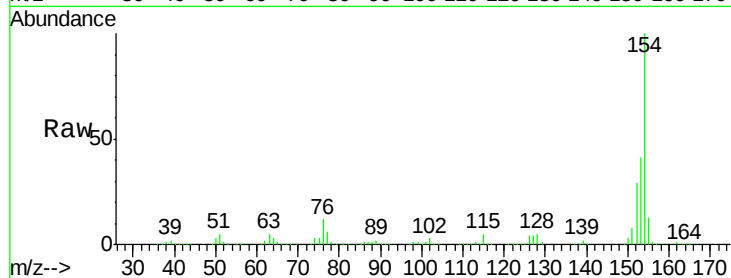




#45
 1,1'-Biphenyl
 Concen: 38.390 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

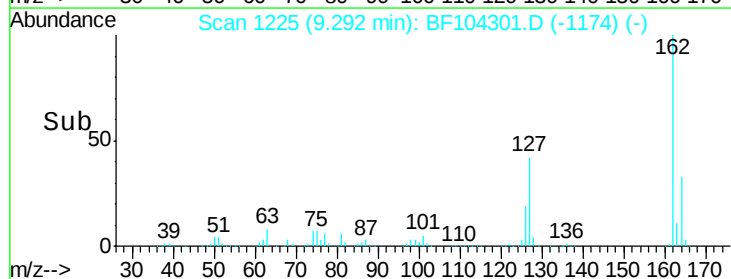
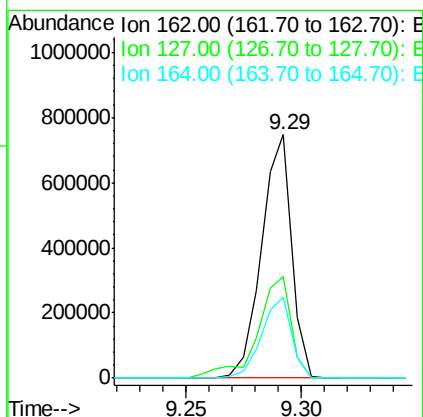
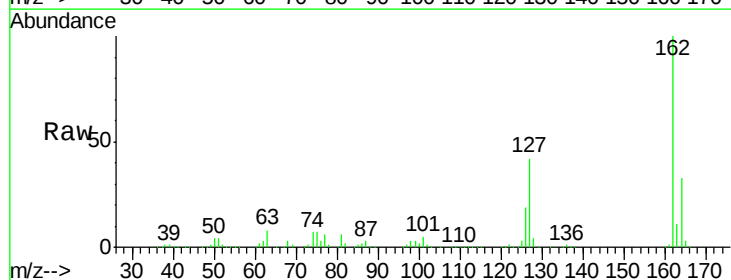
Instrument :
 BNA_F
 ClientSampleId :

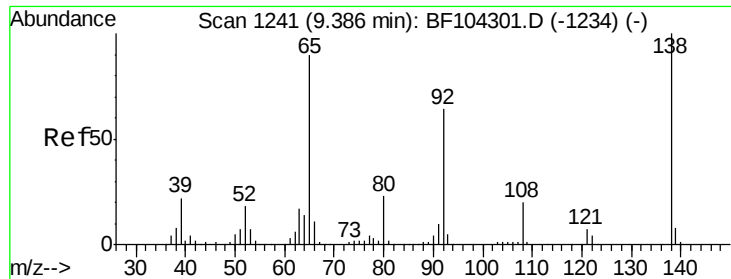
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	12.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.499 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	33.4	26.5	39.7

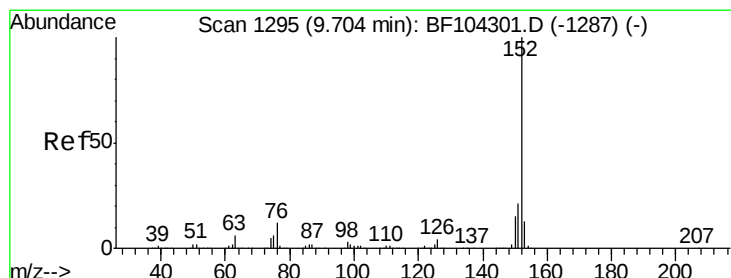
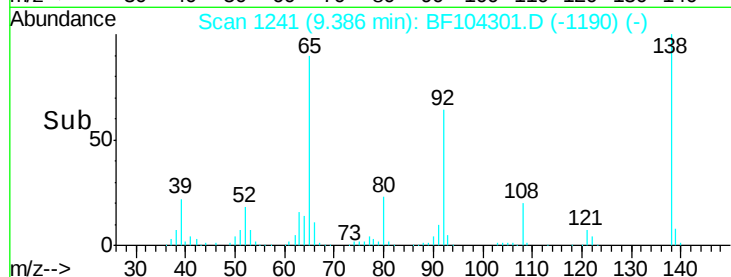
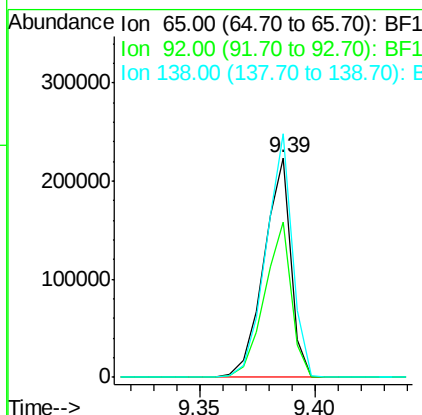
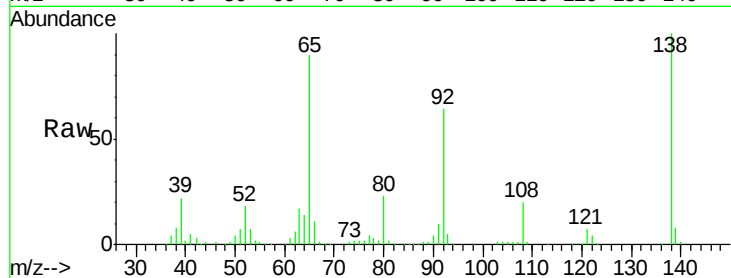




#47
 2-Nitroaniline
 Concen: 36.221 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

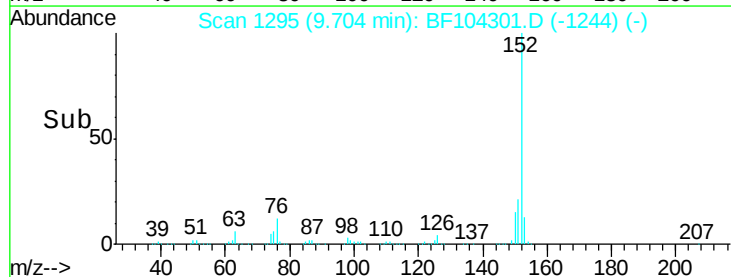
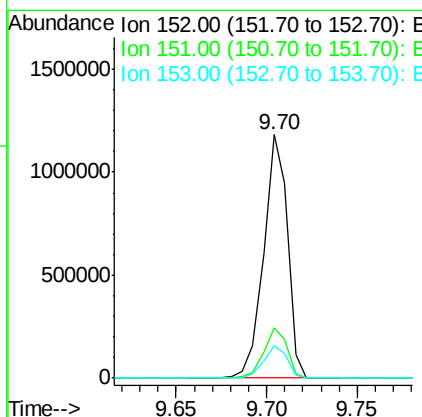
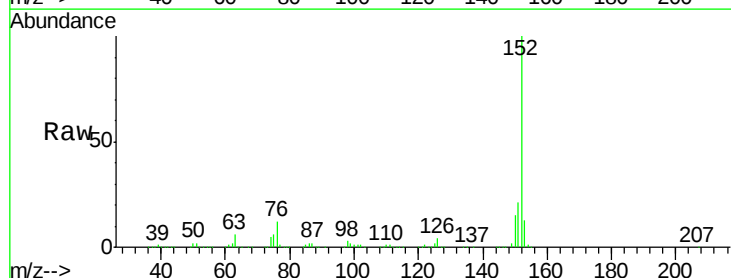
Instrument :
 BNA_F
 ClientSampleId :

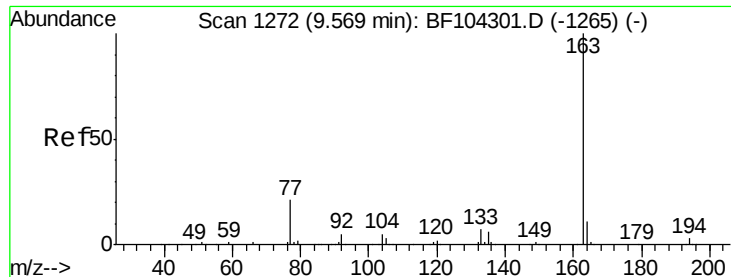
Tot Ion: 65 Resp: 181708
 Ion Ratio Lower Upper
 65 100
 92 70.7 55.8 83.6
 138 110.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.326 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:152 Resp: 1074802
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.4 10.7 16.1

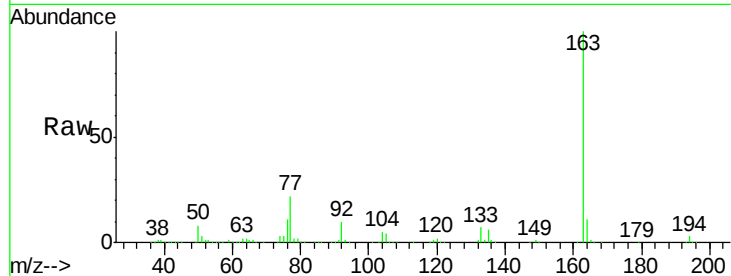




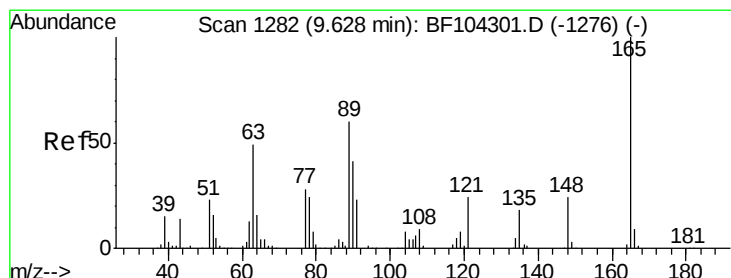
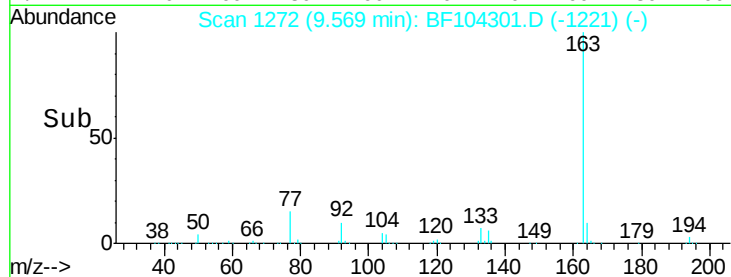
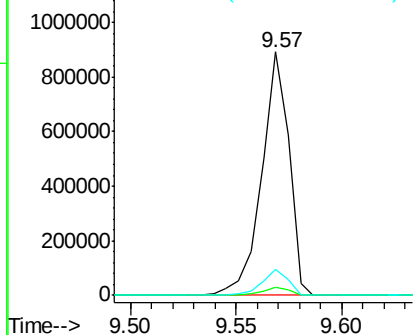
#49
Dimethylphthalate
Concen: 39.054 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleID :

Tot Ion:163 Resp: 801266
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.8 8.2 12.2

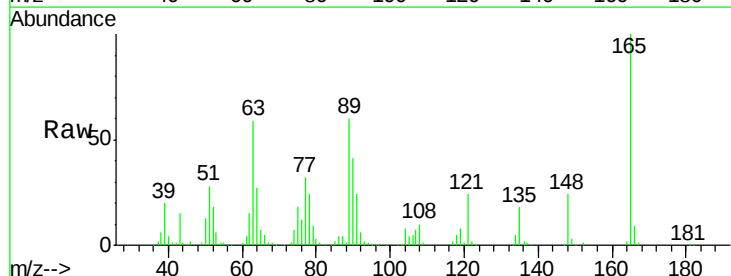


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

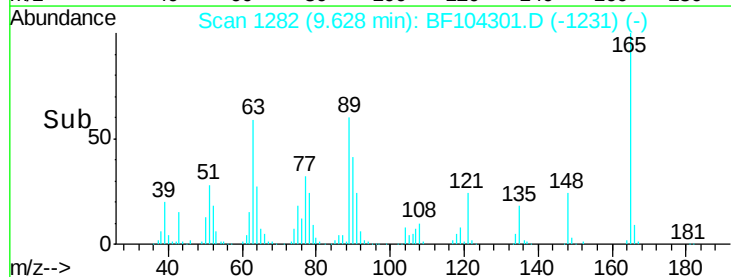
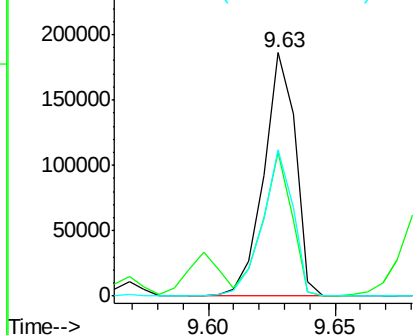


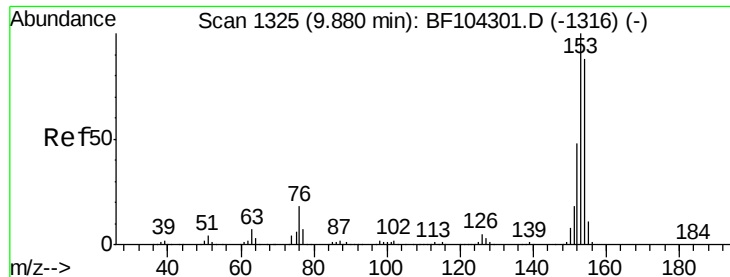
#50
2,6-Dinitrotoluene
Concen: 36.923 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:165 Resp: 162980
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 60.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.004 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

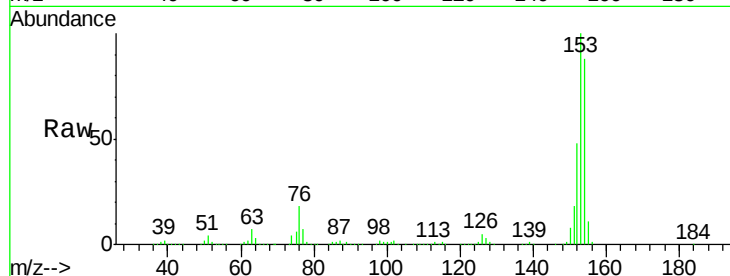
Tot Ion:154 Resp: 647646

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

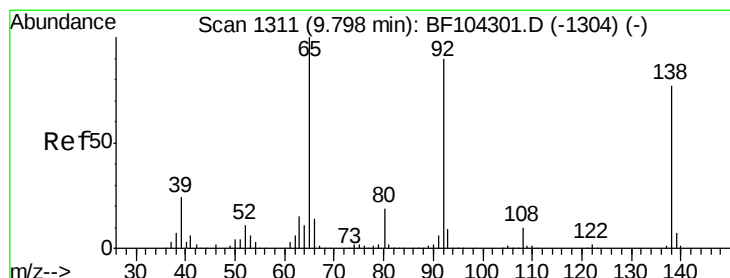
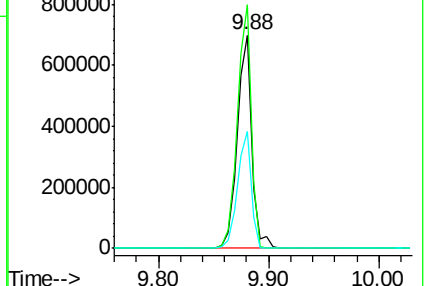
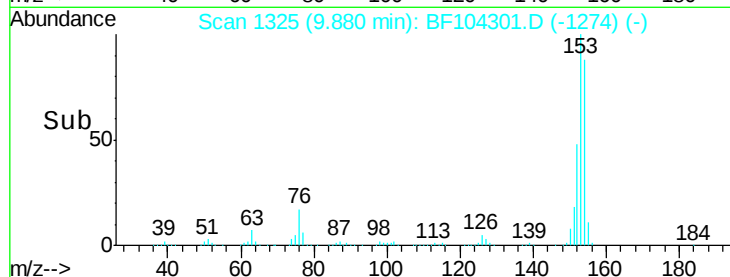
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.369 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

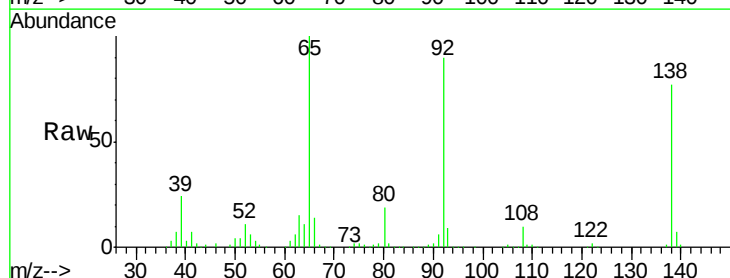
Tgt Ion:138 Resp: 189613

Ion Ratio Lower Upper

138 100

108 12.9 9.4 14.0

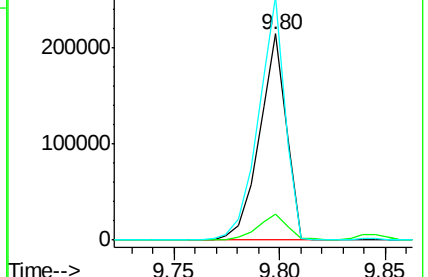
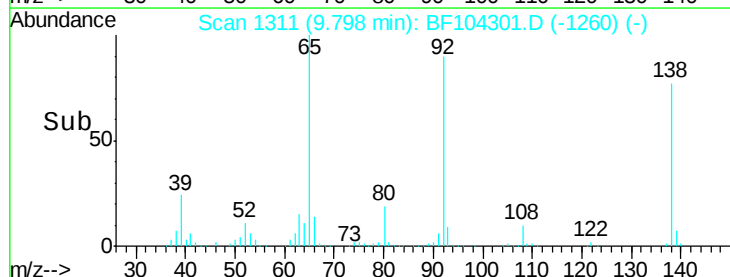
92 117.9 89.4 134.2

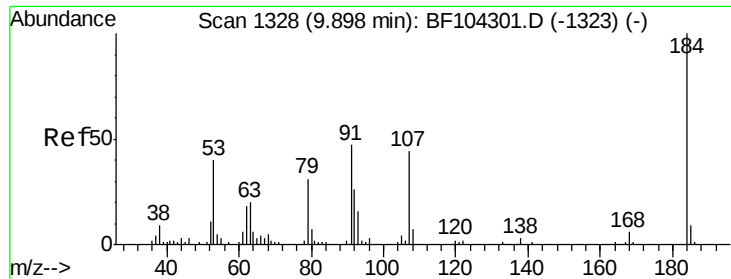


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

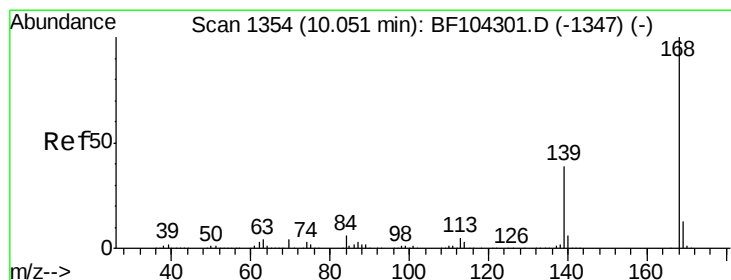
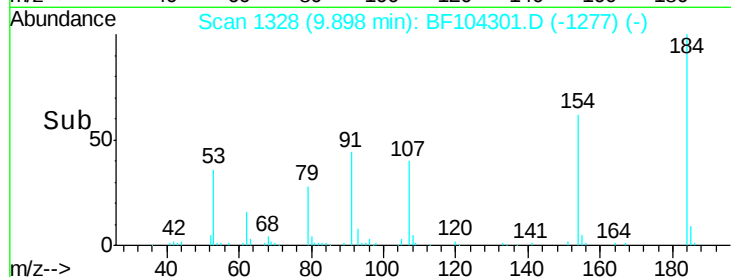
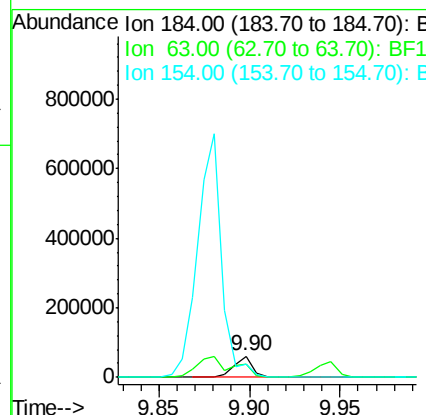
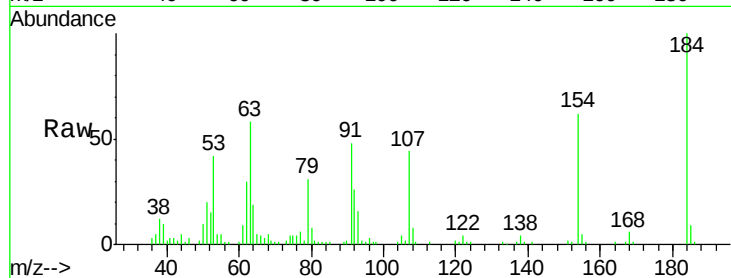




#53
 2,4-Dinitrophenol
 Concen: 27.063 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

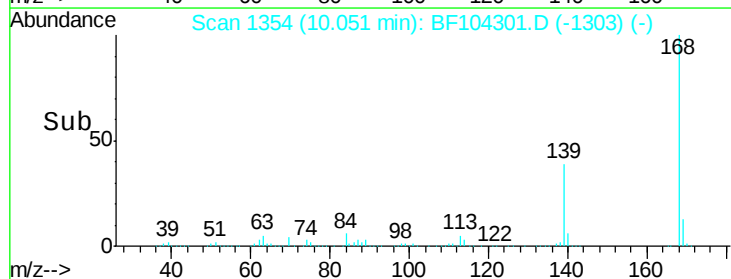
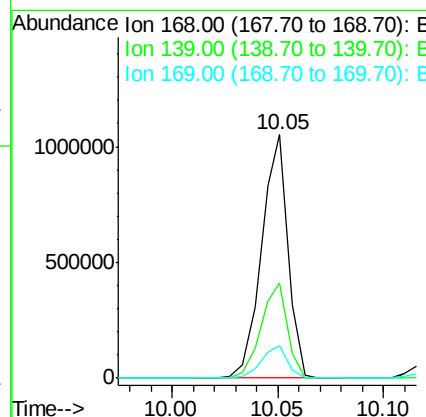
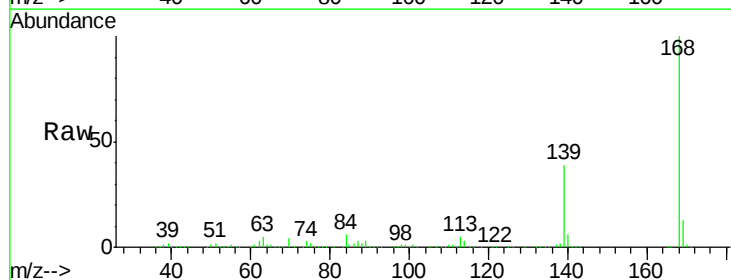
Instrument :
 BNA_F
 ClientSampleId :

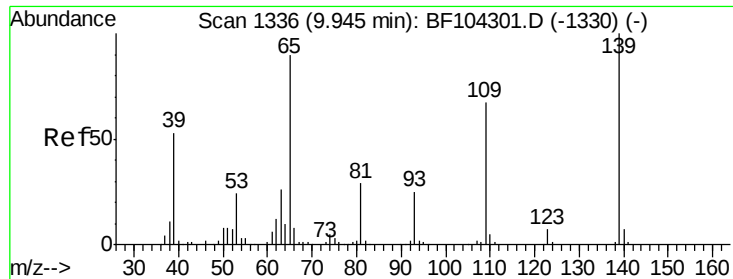
Tot Ion:184 Resp: 45173
 Ion Ratio Lower Upper
 184 100
 63 58.5 54.2 81.2
 154 61.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.532 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:168 Resp: 912596
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.5 10.9 16.3

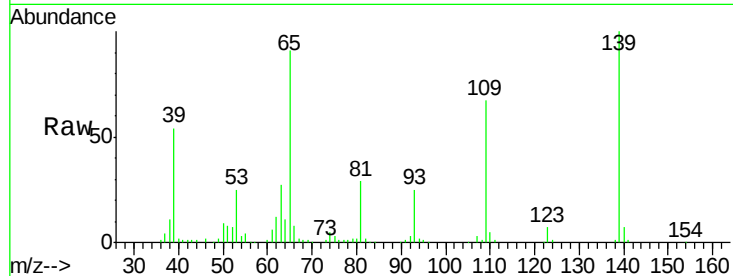




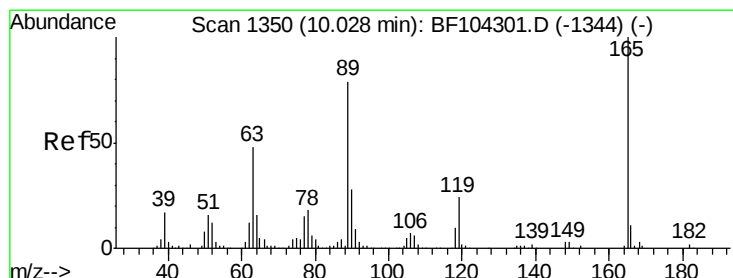
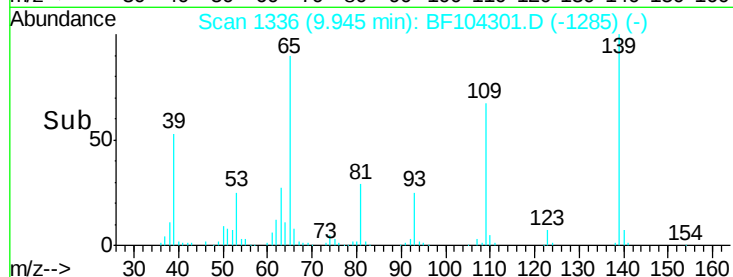
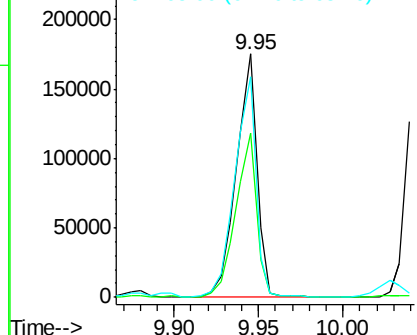
#55
4-Nitrophenol
Concen: 49.384 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 150247
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 90.6 72.6 112.6

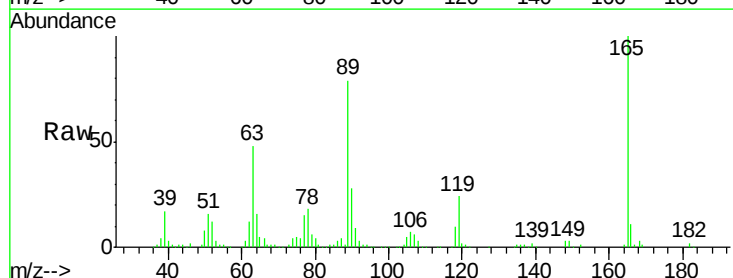


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

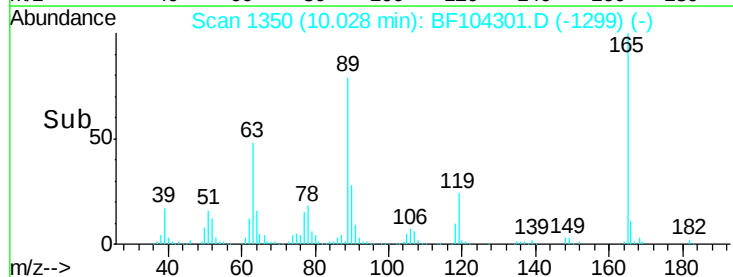
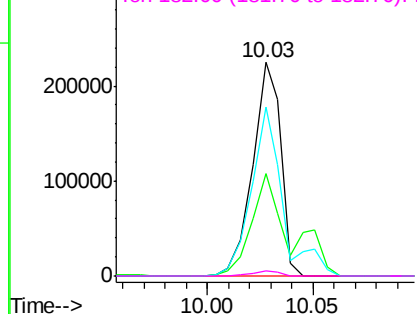


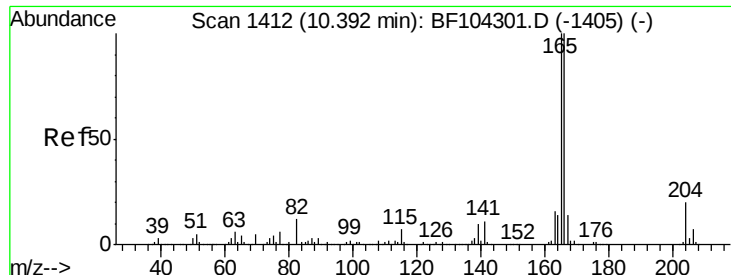
#56
2,4-Dinitrotoluene
Concen: 36.831 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:165 Resp: 207449
Ion Ratio Lower Upper
165 100
63 48.1 36.4 54.6
89 78.9 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

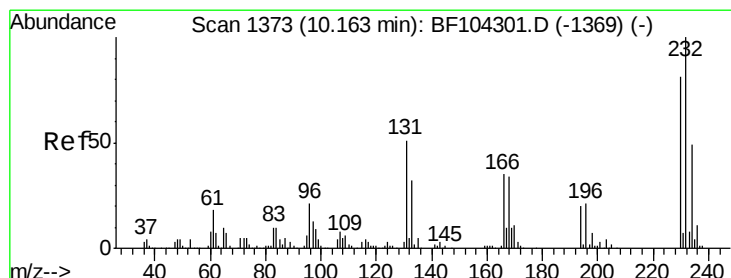
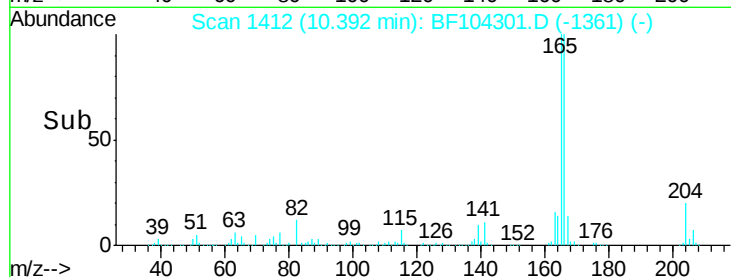
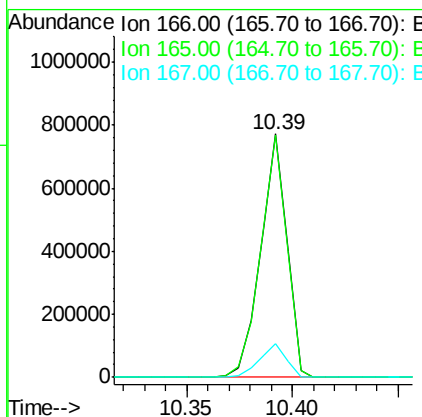
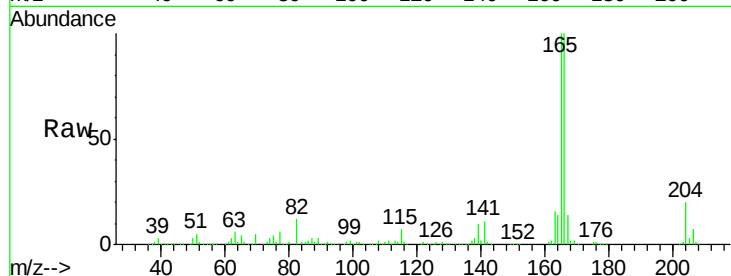




#57
 Fluorene
 Concen: 35.922 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

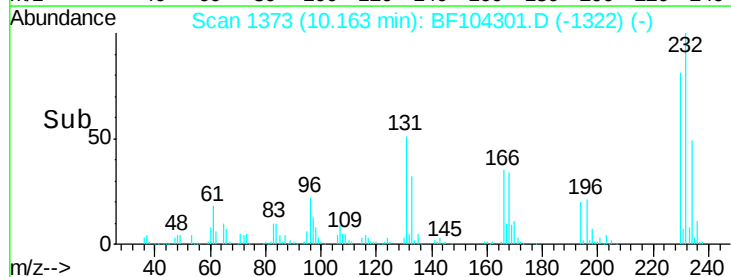
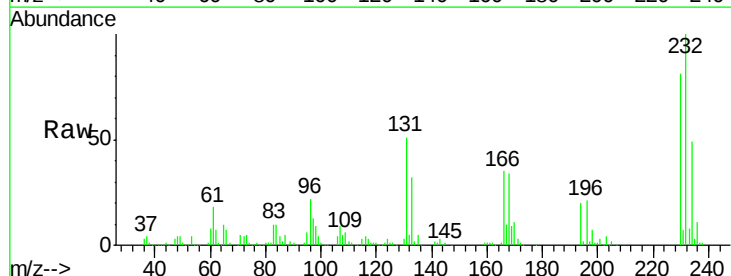
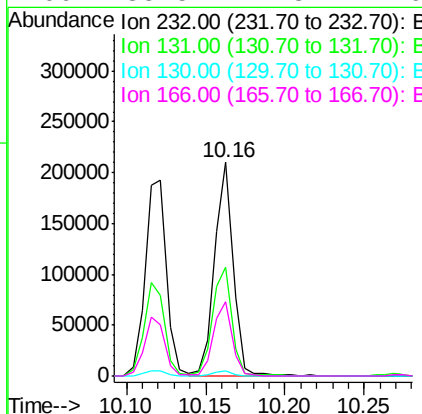
Instrument :
 BNA_F
 ClientSampleId :

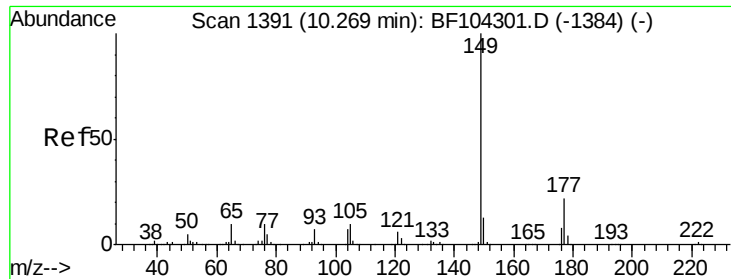
Tot Ion	166	Resp	667169
Ion Ratio	100		
Lower	79.8		
Upper	119.8		
165	99.5		
167	13.6		



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.471 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion	232	Resp	171045
Ion Ratio	100		
Lower	43.8		
Upper	65.8		
131	53.5		
130	2.5		
166	35.5		

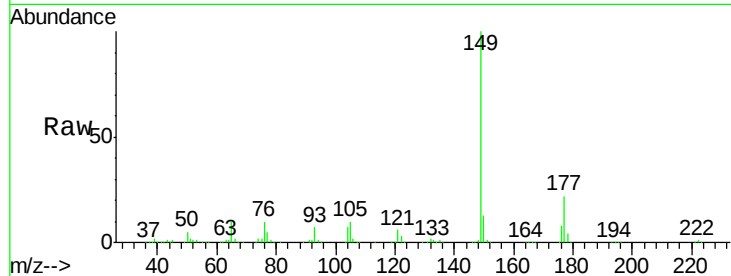




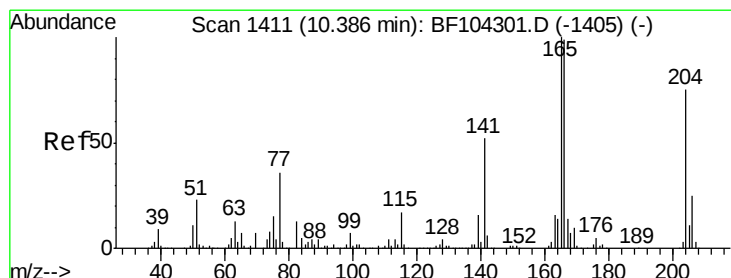
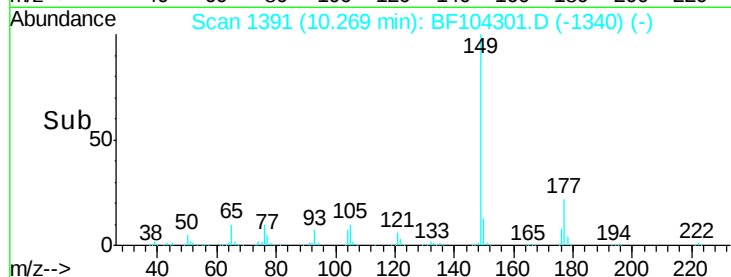
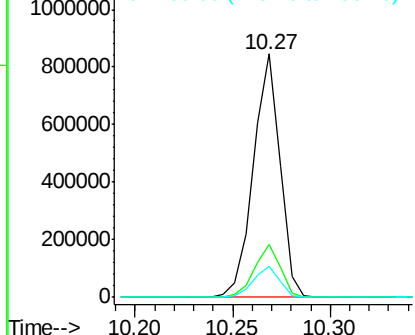
#59
Diethylphthalate
Concen: 40.606 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 798111
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1

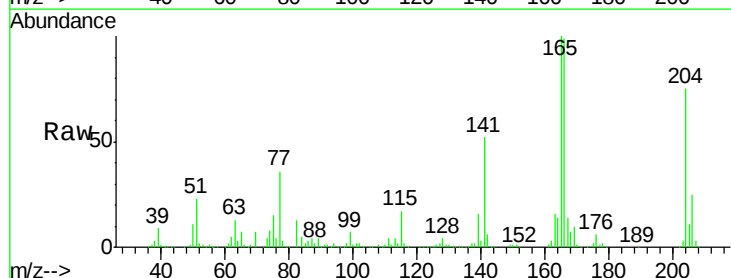


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

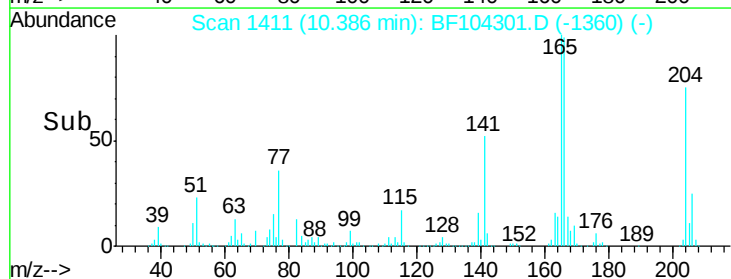
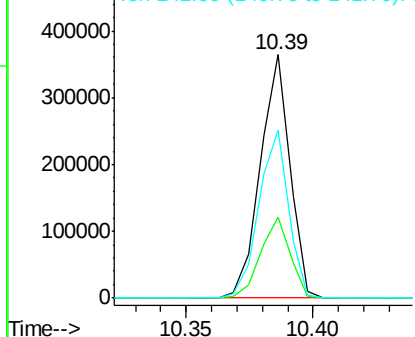


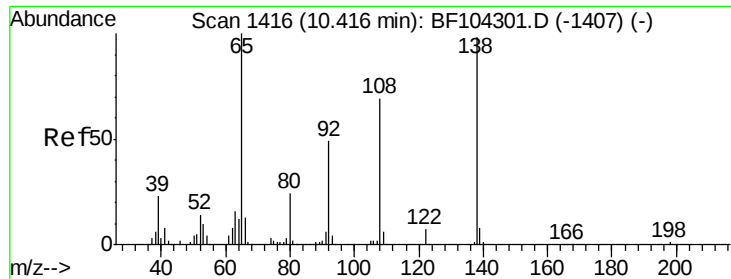
#60
4-Chlorophenyl-phenylether
Concen: 34.994 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:204 Resp: 298510
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 69.3 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

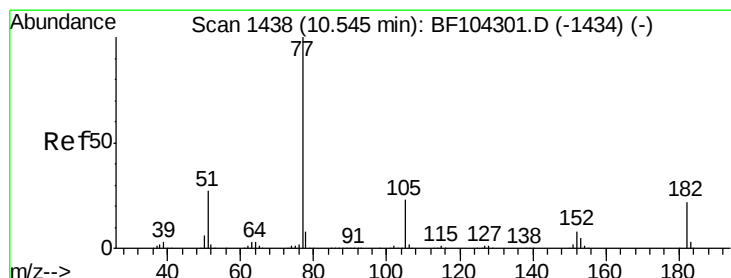
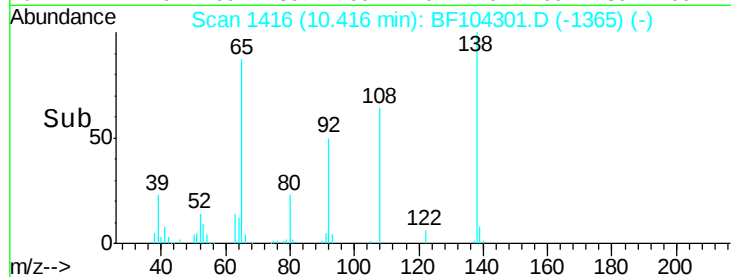
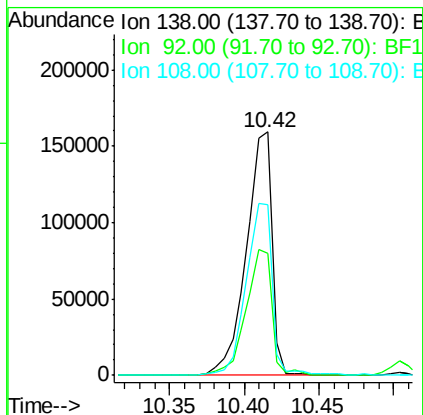
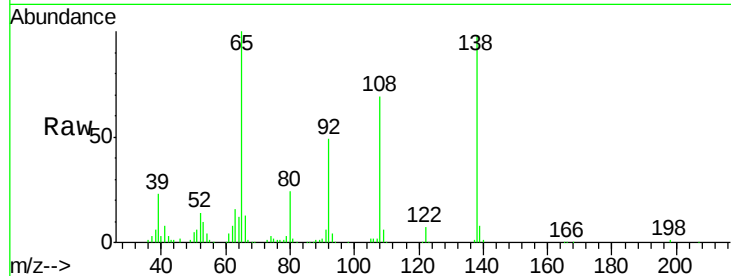




#61
4-Nitroaniline
Concen: 39.823 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

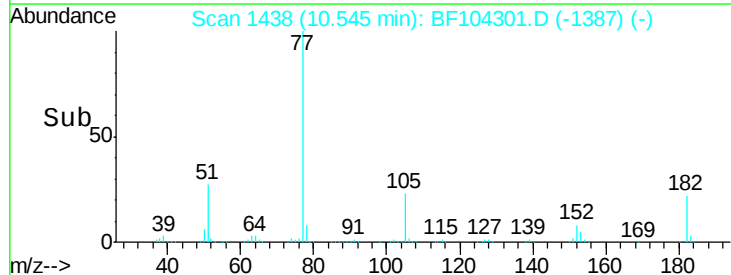
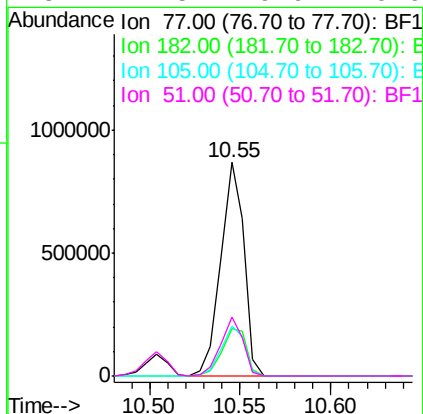
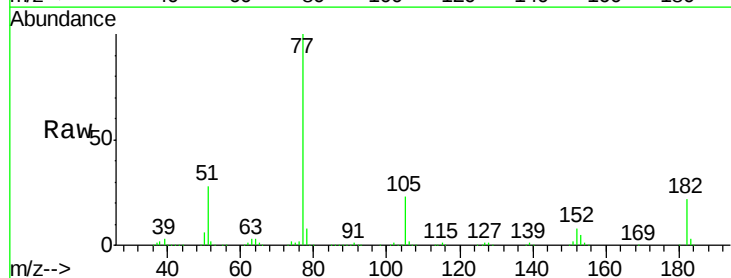
Instrument :
BNA_F
ClientSampleId :

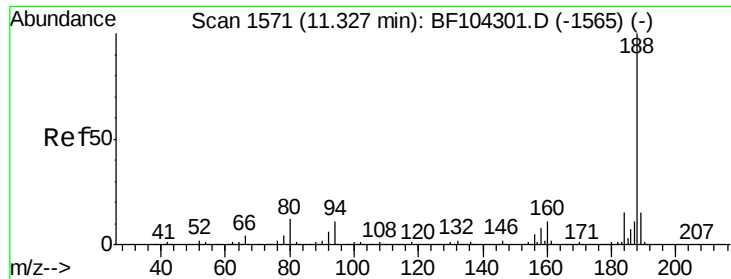
Tot Ion:138 Resp: 189074
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 43.334 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion: 77 Resp: 770165
Ion Ratio Lower Upper
77 100
182 22.1 1.7 41.7
105 23.4 3.0 43.0
51 27.5 9.9 49.9

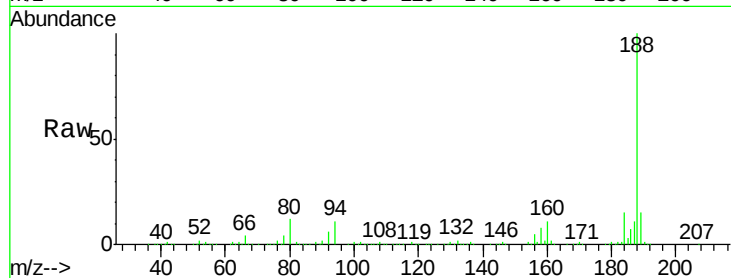




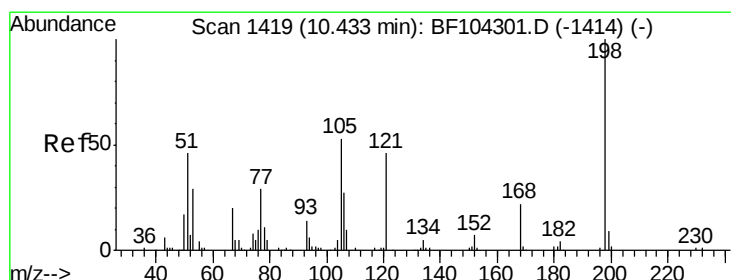
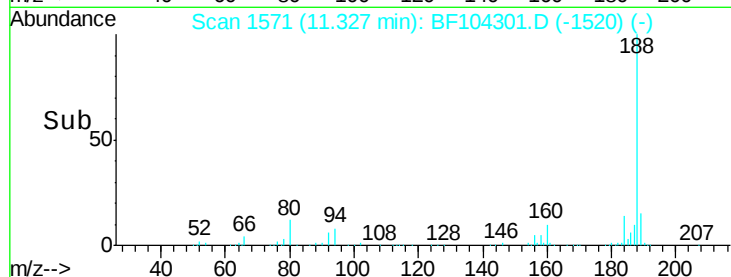
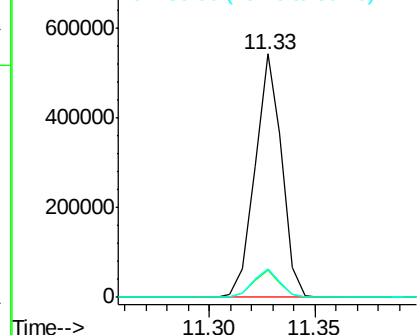
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 475132
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8

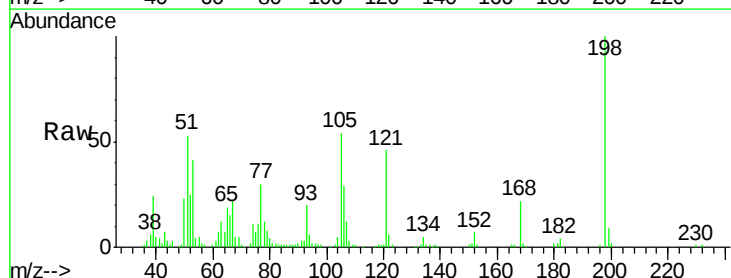


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

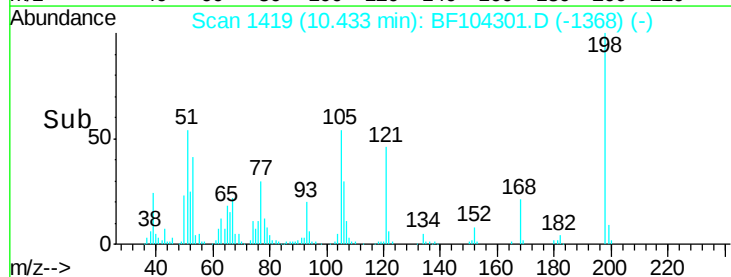
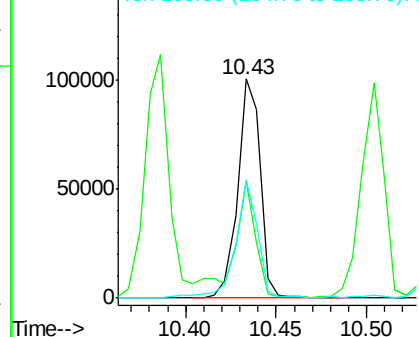


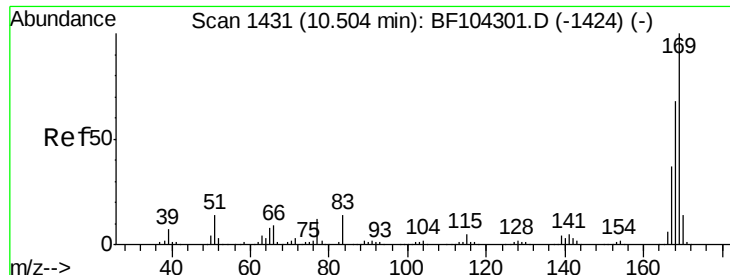
#64
4,6-Dinitro-2-methylphenol
Concen: 30.276 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:198 Resp: 87076
Ion Ratio Lower Upper
198 100
51 53.4 37.7 77.7
105 54.2 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

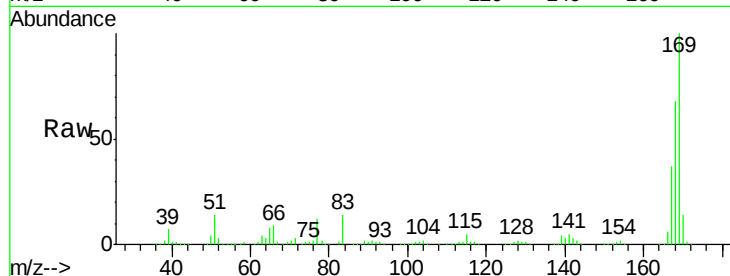




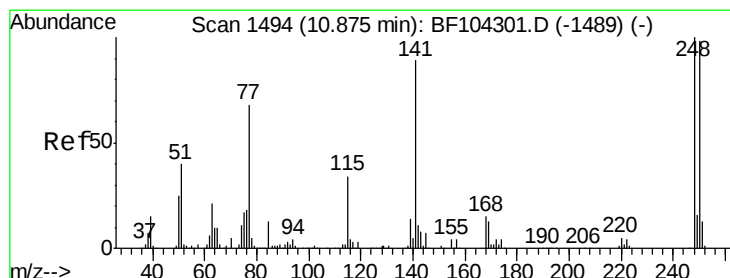
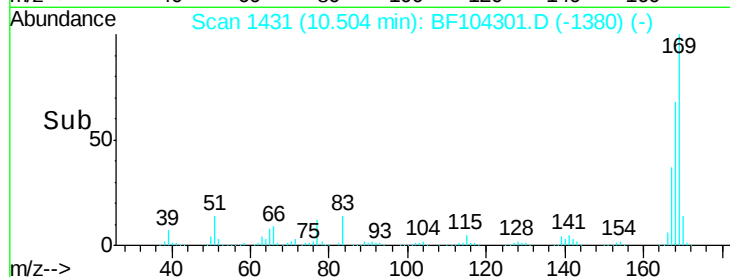
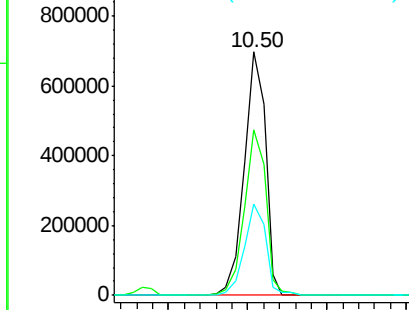
#65
n-Nitrosodiphenylamine
Concen: 40.217 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 647141
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 37.4 29.8 44.6

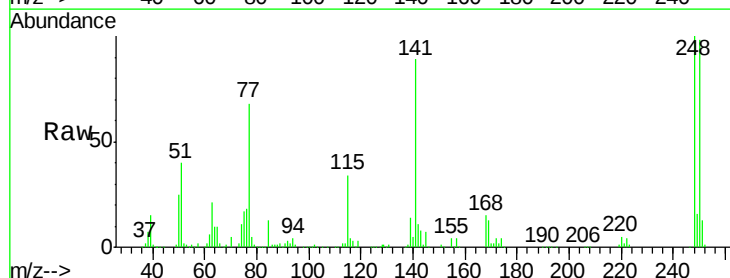


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

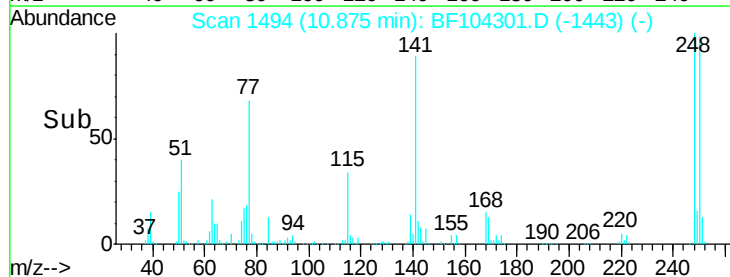
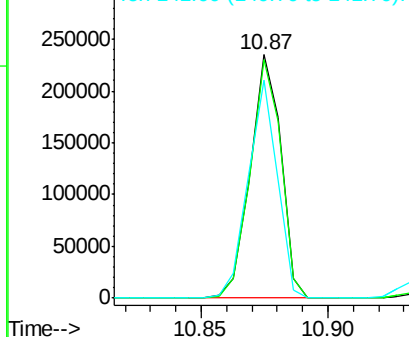


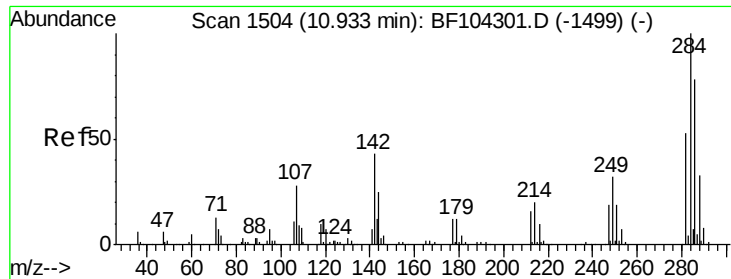
#66
4-Bromophenyl-phenylether
Concen: 38.989 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:248 Resp: 198188
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 89.4 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

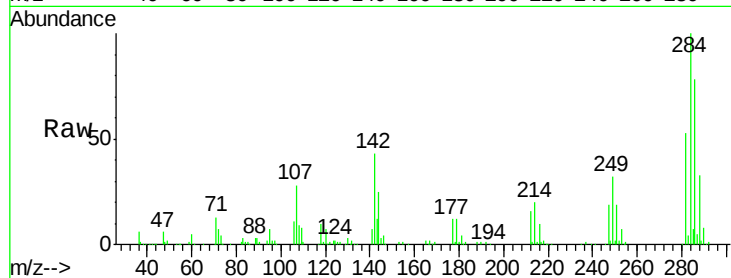




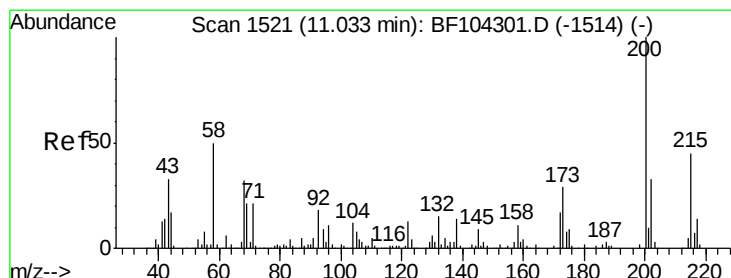
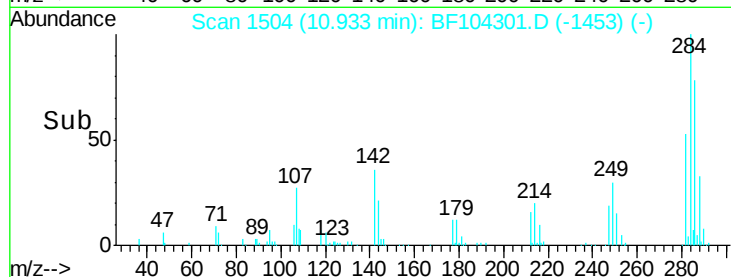
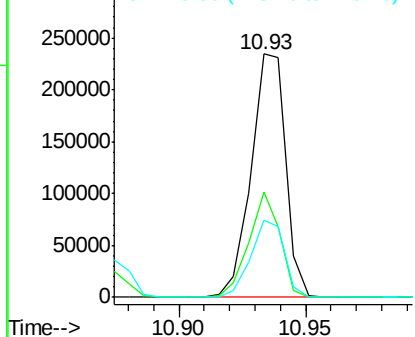
#67
Hexachlorobenzene
Concen: 38.042 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 222440
Ion Ratio Lower Upper
284 100
142 43.0 34.6 52.0
249 31.8 24.8 37.2

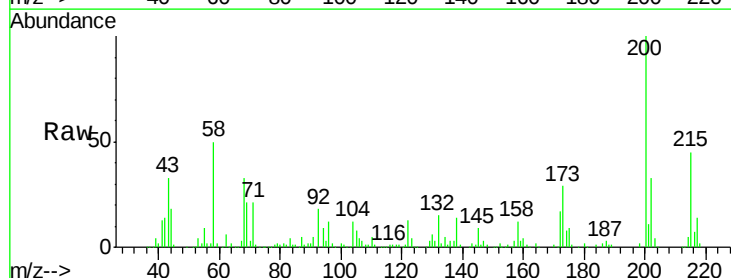


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

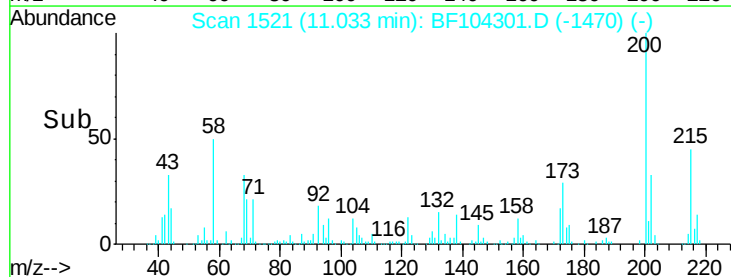
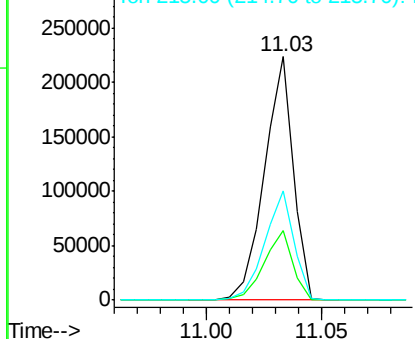


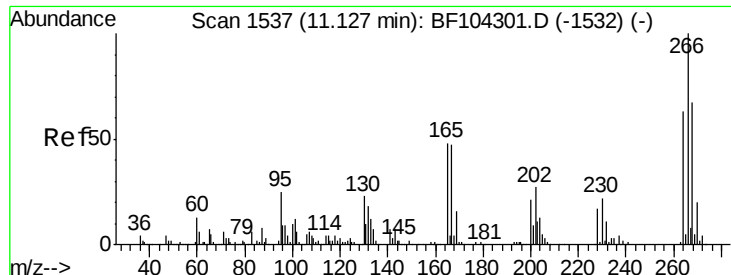
#68
Atrazine
Concen: 39.458 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:200 Resp: 194512
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 44.7 25.1 65.1



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

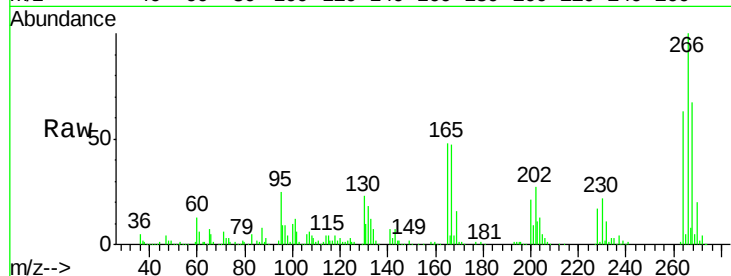




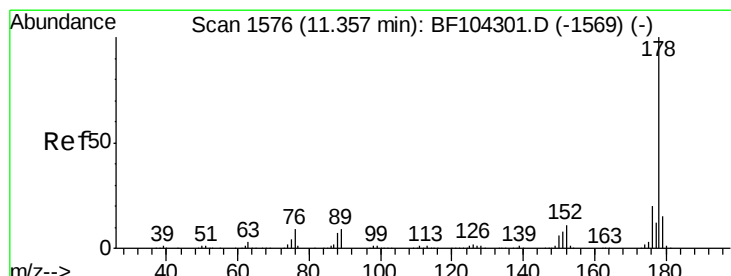
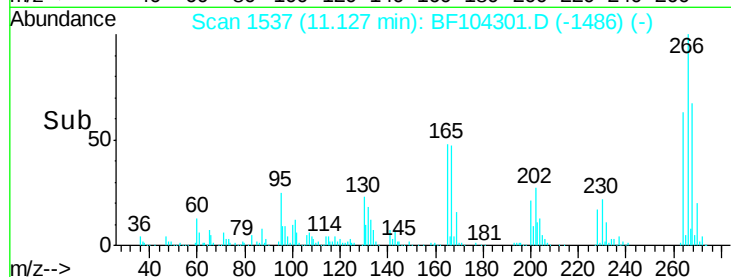
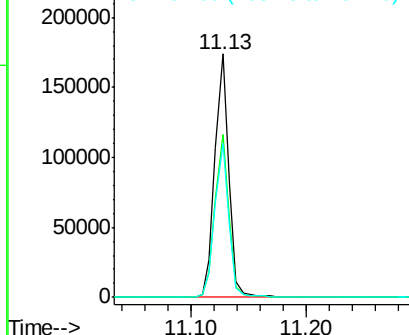
#69
 Pentachlorophenol
 Concen: 45.748 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 147201
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 63.5 49.5 74.3

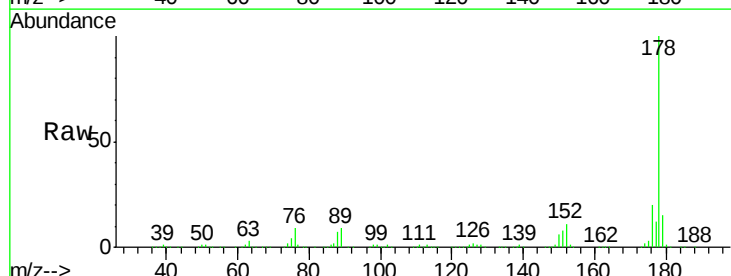


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

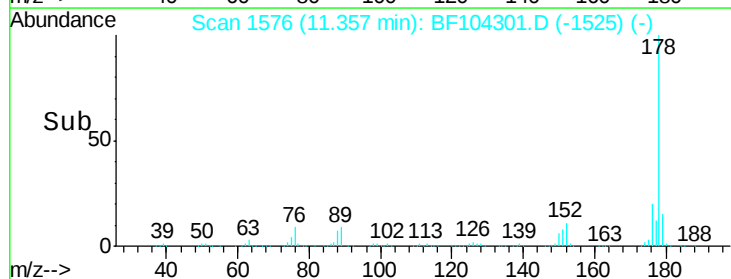
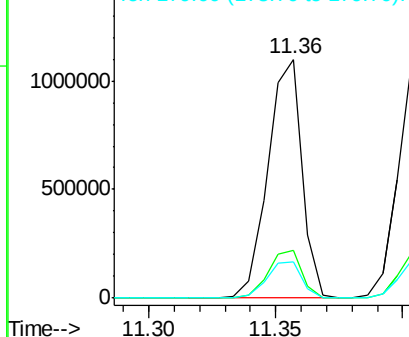


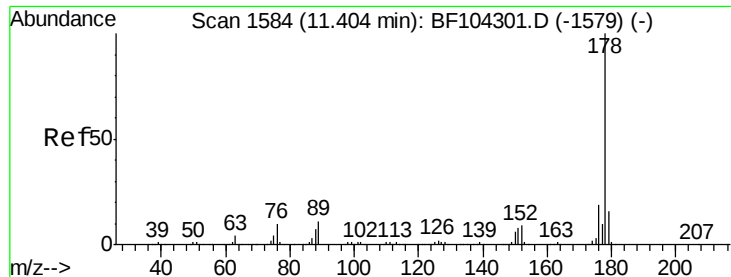
#70
 Phenanthrene
 Concen: 40.244 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:178 Resp: 1035247
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.3 13.0 19.6



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

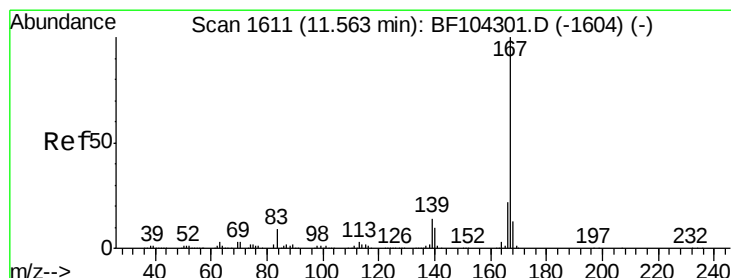
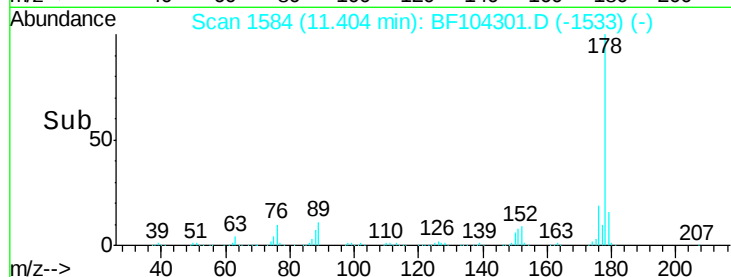
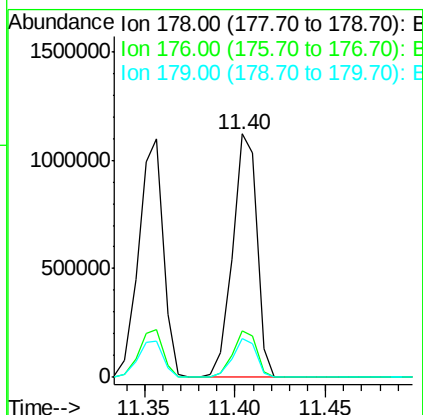
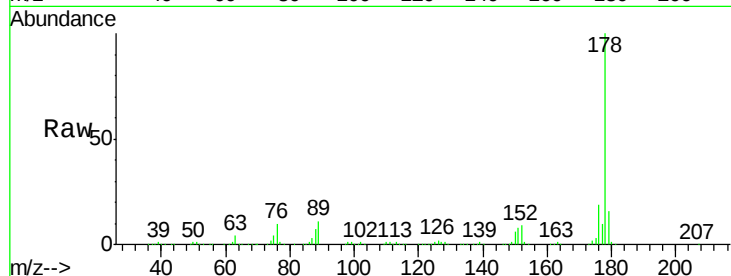




#71
 Anthracene
 Concen: 39.018 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

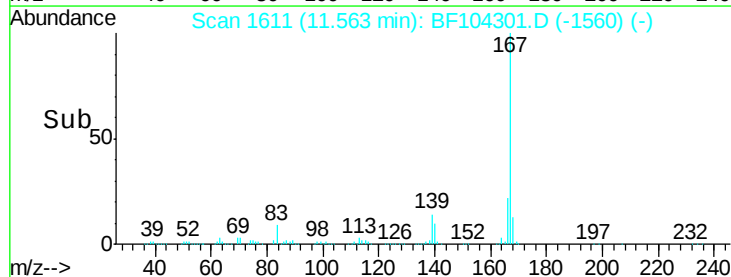
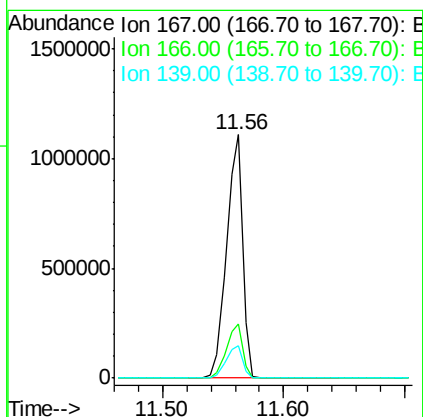
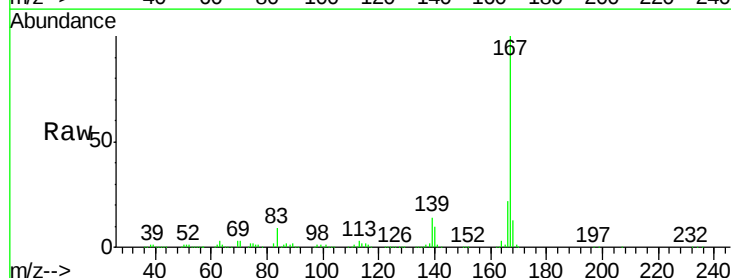
Instrument :
 BNA_F
 ClientSampleId :

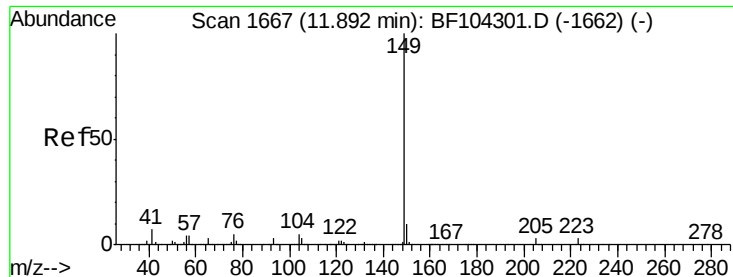
Tot Ion:178 Resp: 1048398
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.694 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:167 Resp: 1017972
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.082 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

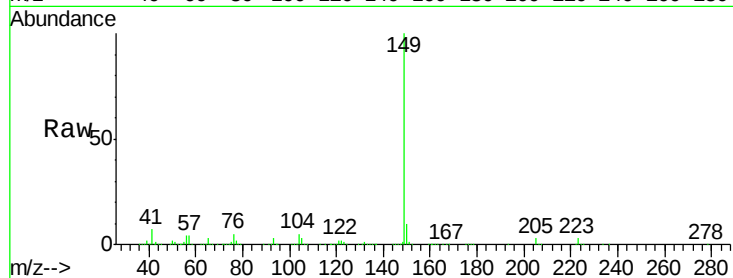
Tot Ion:149 Resp: 1254944

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

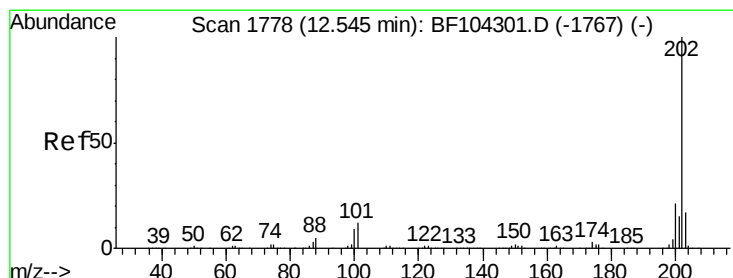
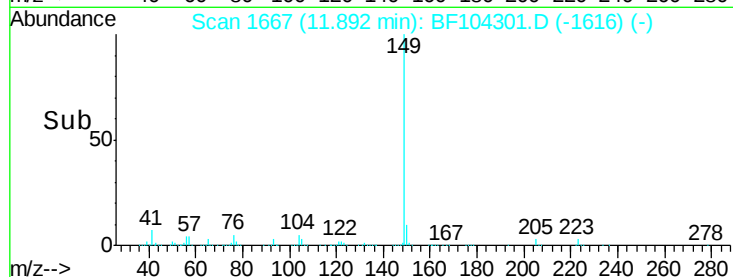
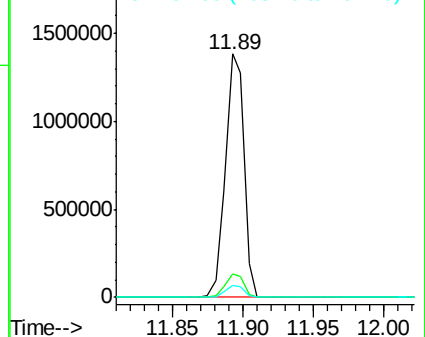
104 5.1 3.8 5.8



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: 39.628 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

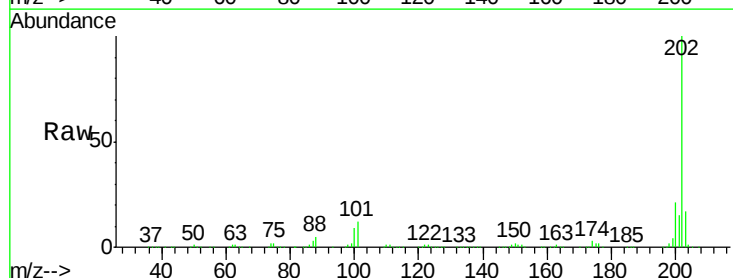
Tgt Ion:202 Resp: 1083581

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

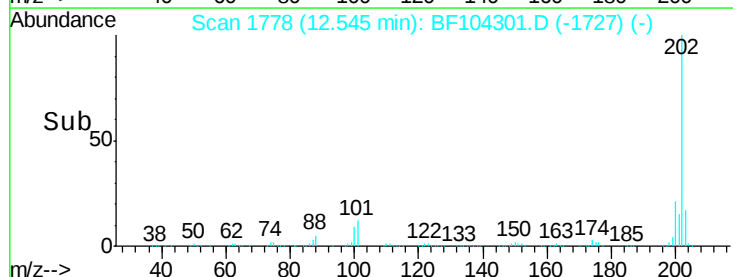
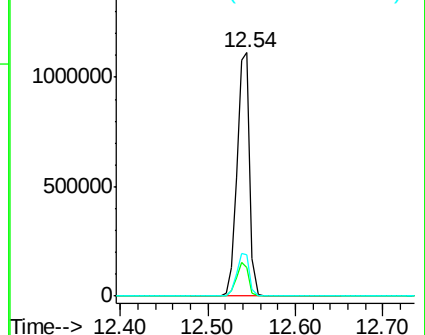
203 17.0 0.0 38.1

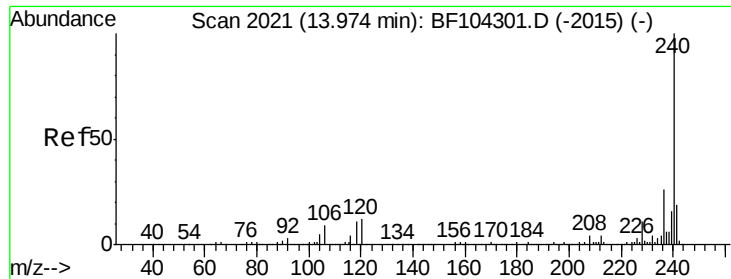


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

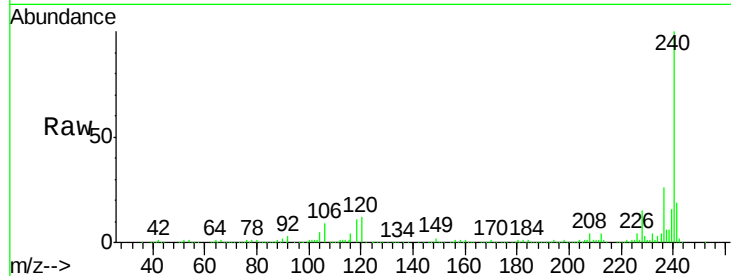
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 380636

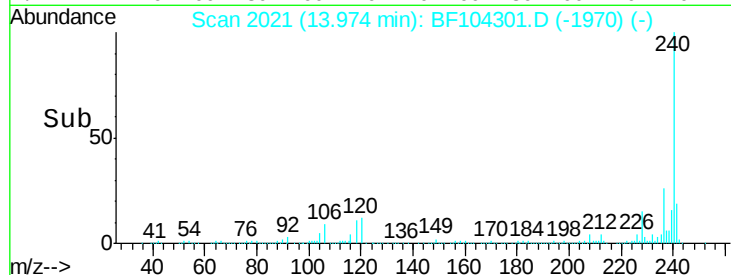
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1



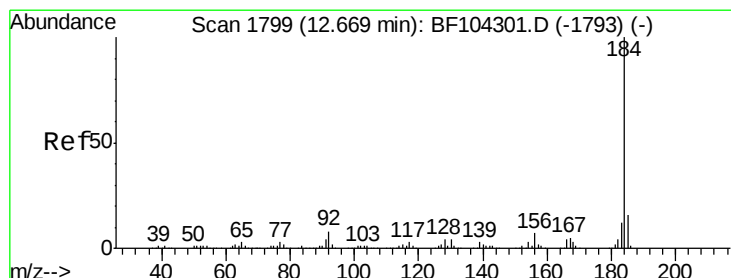
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 48.176 ng

RT: 12.67 min Scan# 1799

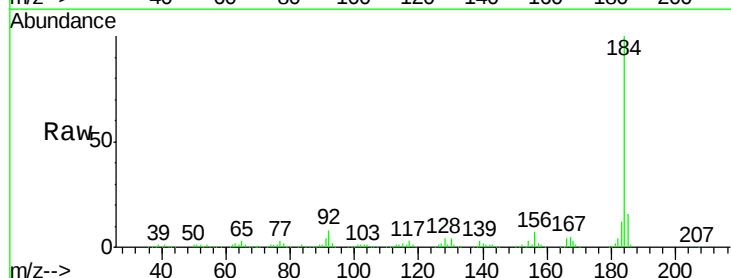
Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Tgt Ion:184 Resp: 522577

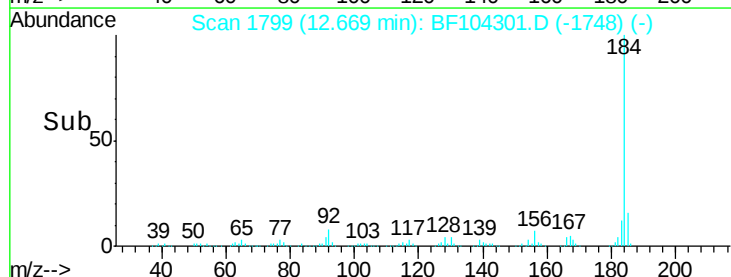
Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	18.8
183	12.0	9.3	13.9



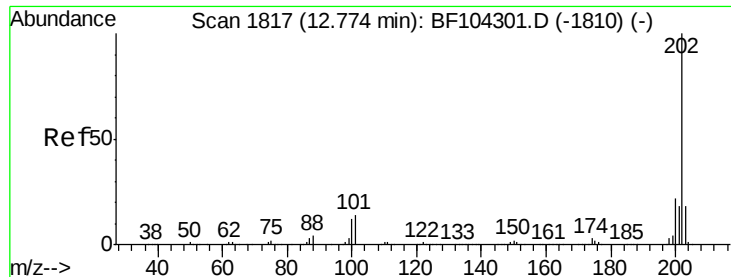
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.65 12.70 12.75

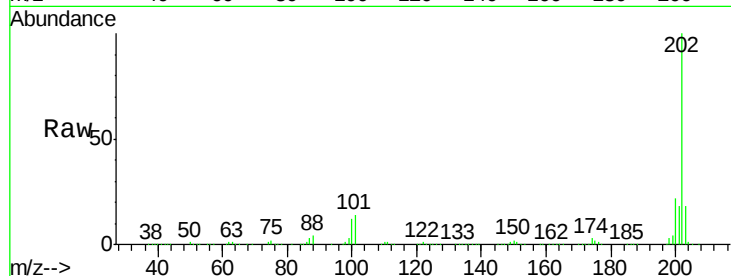


#77
 Pvrene
 Concen: 40.615 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

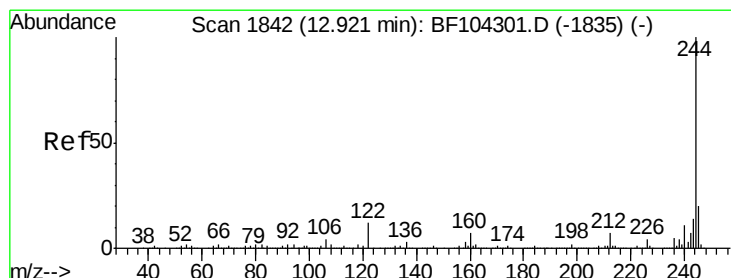
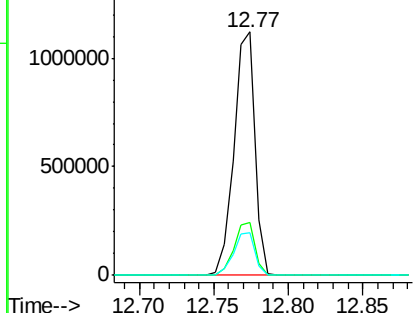
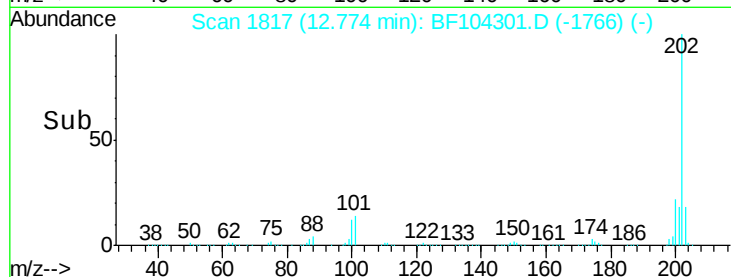
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1111318

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5



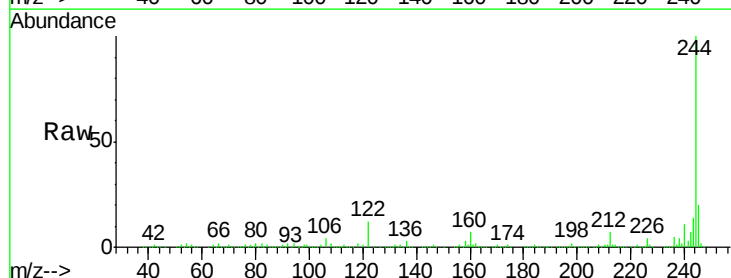
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



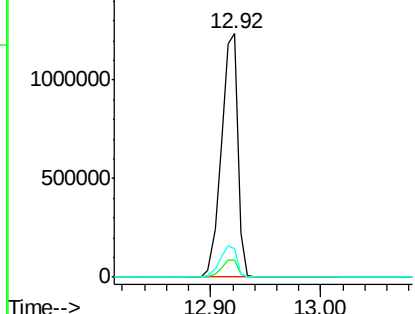
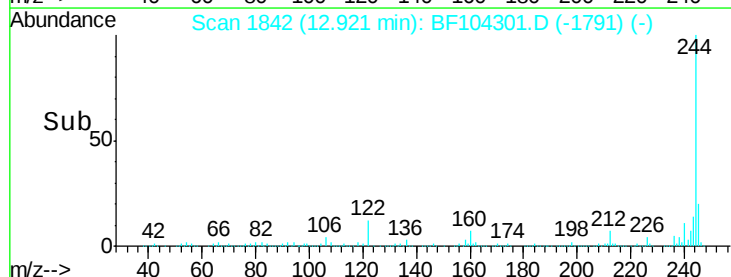
#78
 Terphenyl-d14
 Concen: 77.704 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

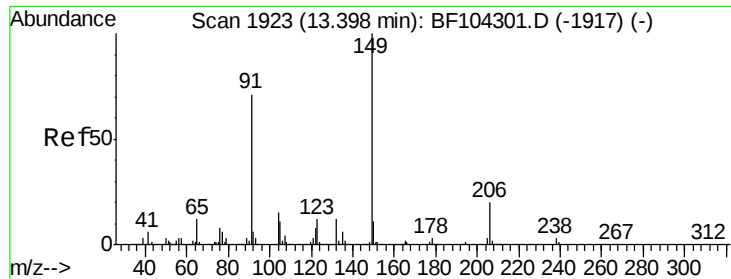
Tgt Ion:244 Resp: 1280966

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.6	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

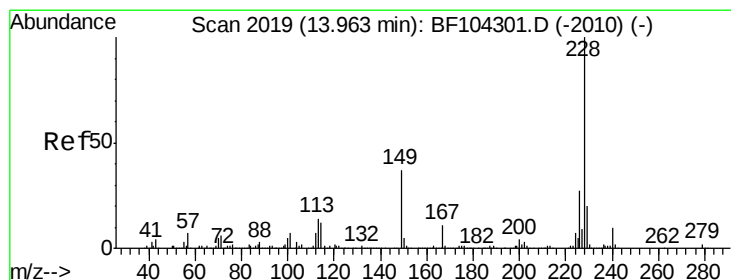
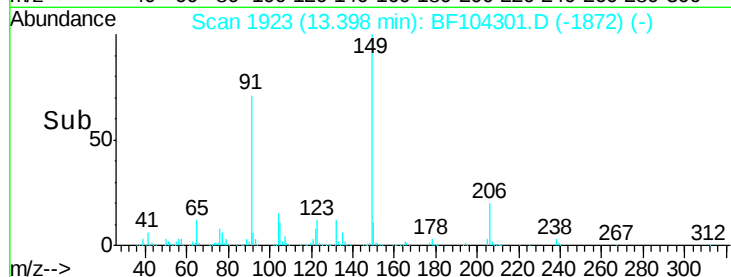
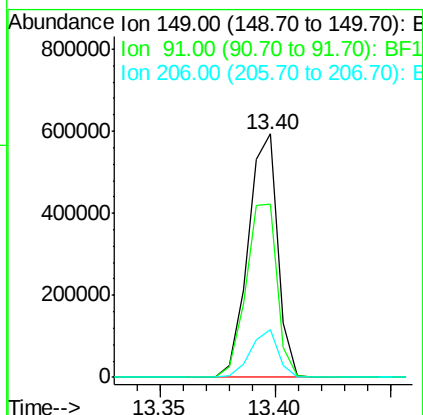
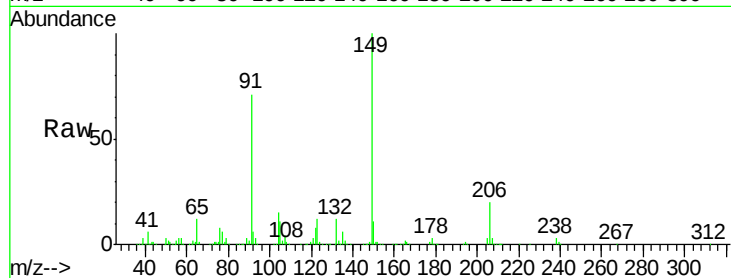




#79
Butylbenzylphthalate
Concen: 41.228 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

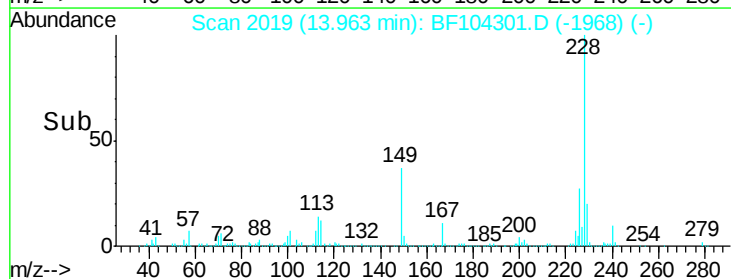
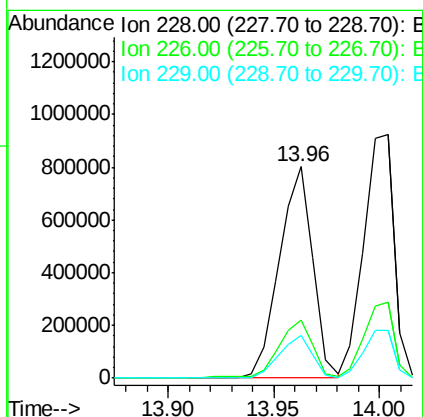
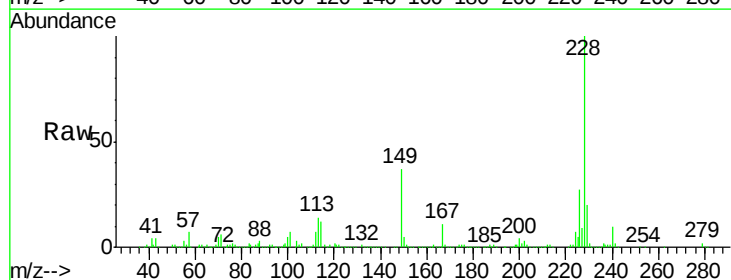
Instrument :
BNA_F
ClientSampleId :

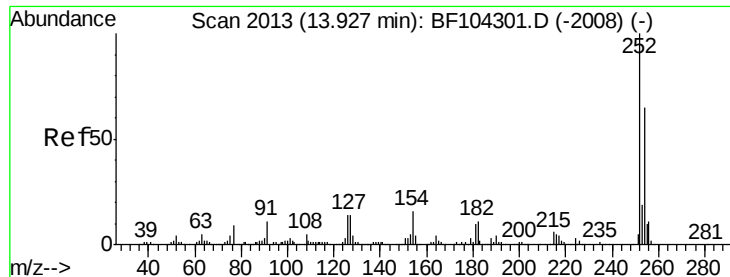
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	19.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.049 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 44.042 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

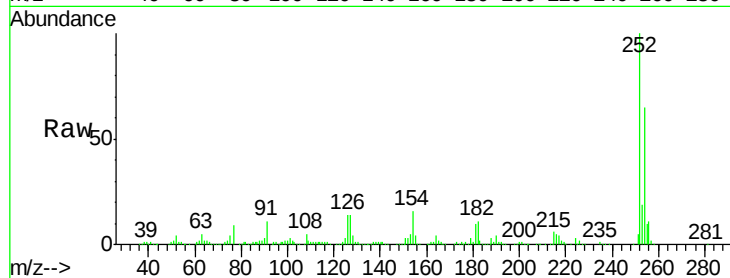
Tot Ion:252 Resp: 347207

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

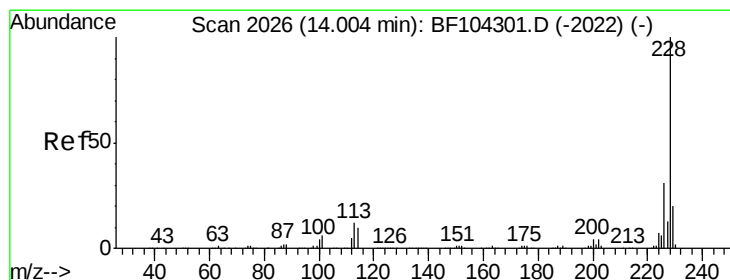
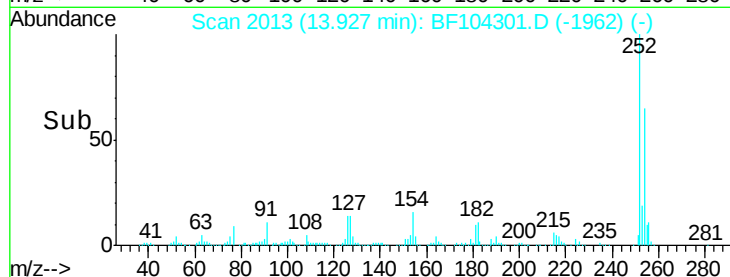
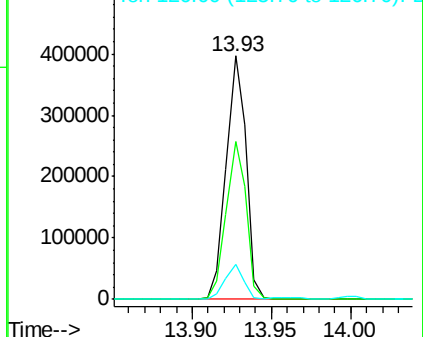
126 14.2 11.3 16.9



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: 39.724 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

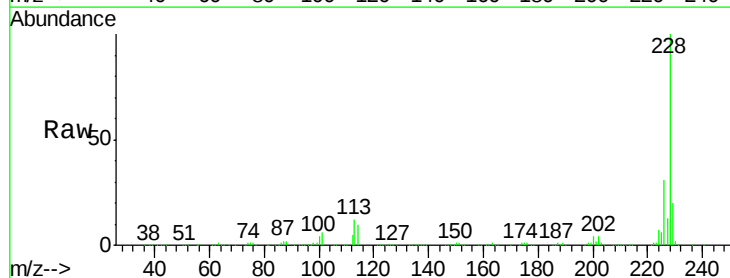
Tgt Ion:228 Resp: 926679

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

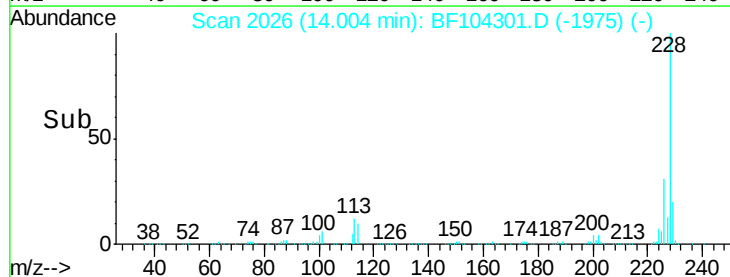
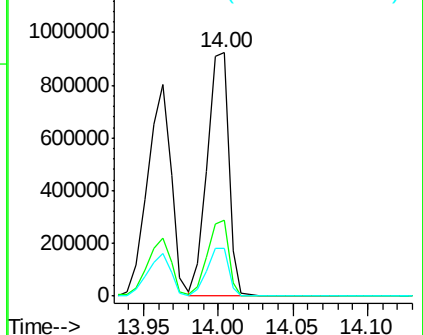
229 19.5 16.2 24.4

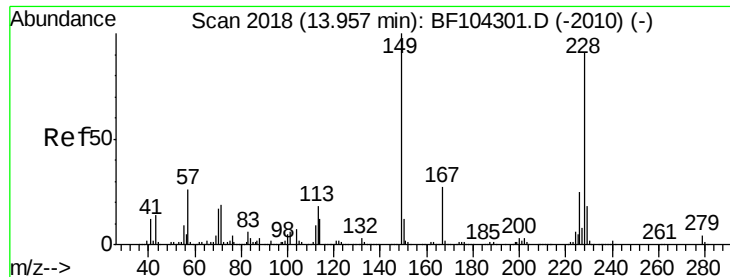


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

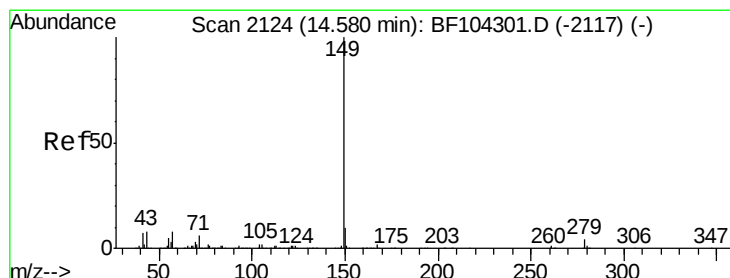
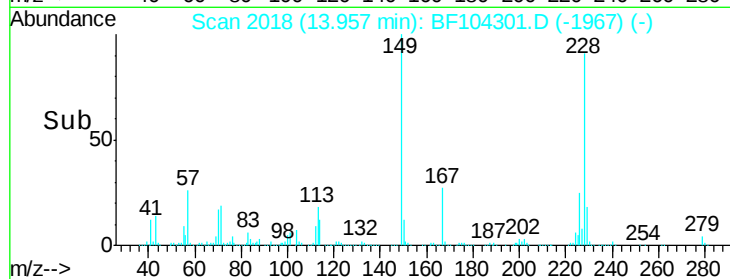
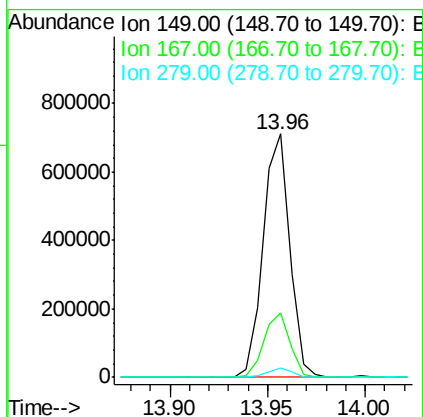
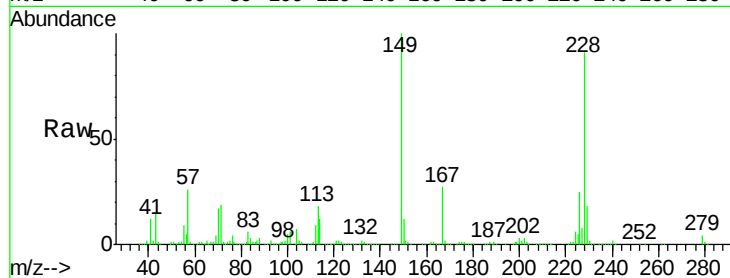




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.351 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

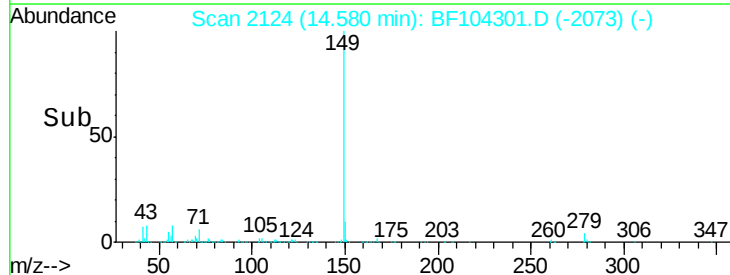
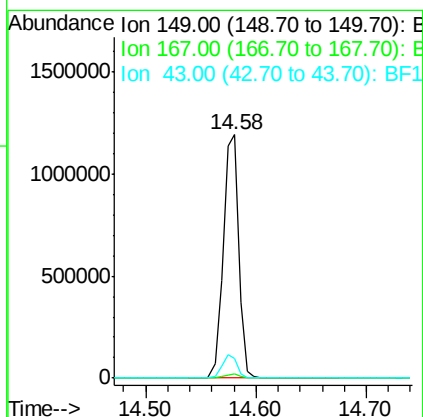
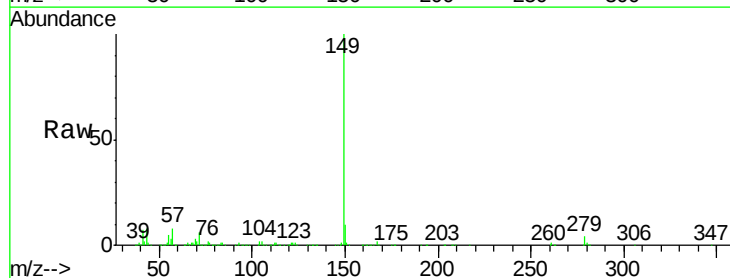
Instrument :
 BNA_F
 ClientSampleId :

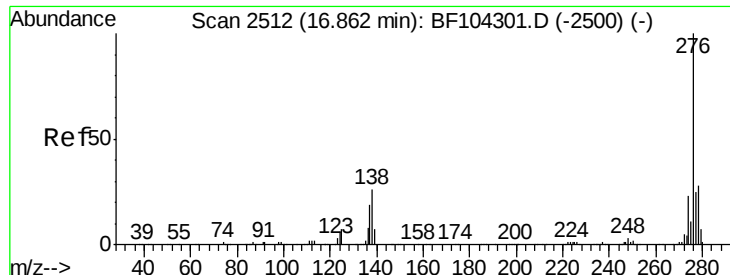
Tot Ion:149 Resp: 672095
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.701 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion:149 Resp: 1166160
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.4 12.6

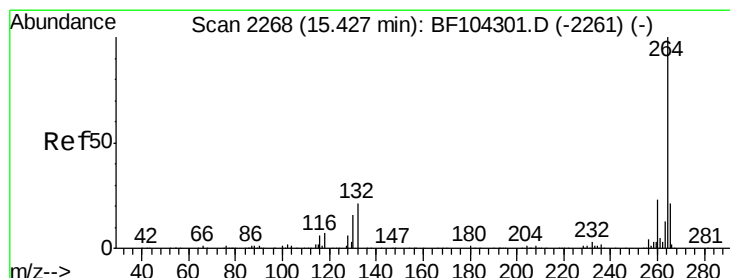
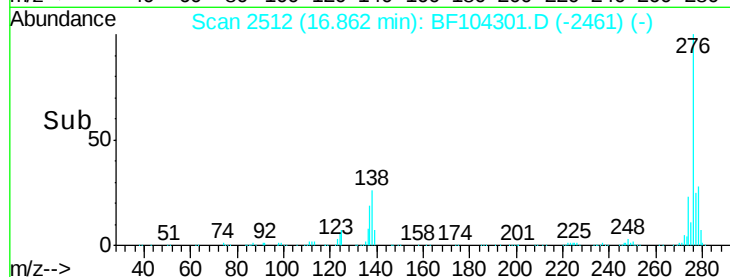
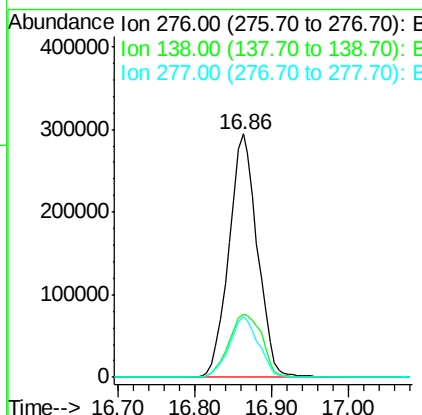
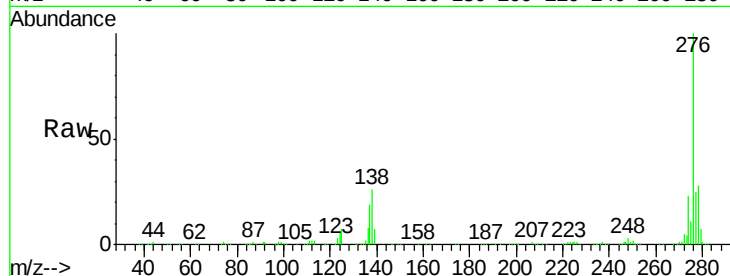




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.495 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

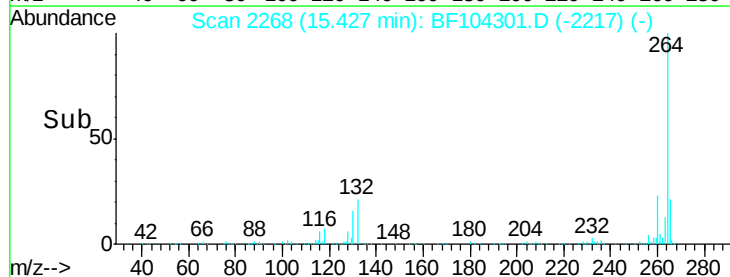
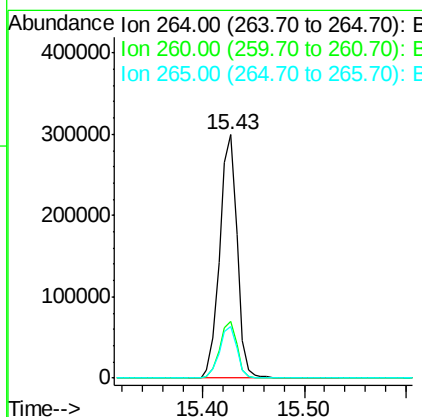
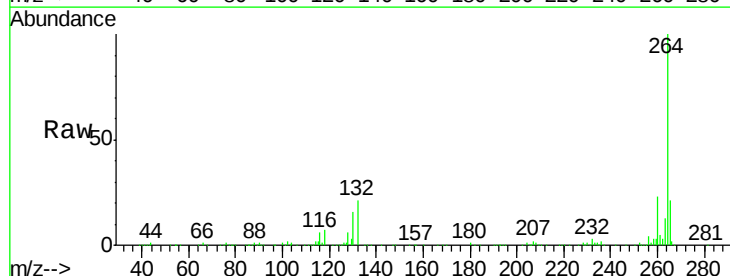
Instrument :
 BNA_F
 ClientSampleId :

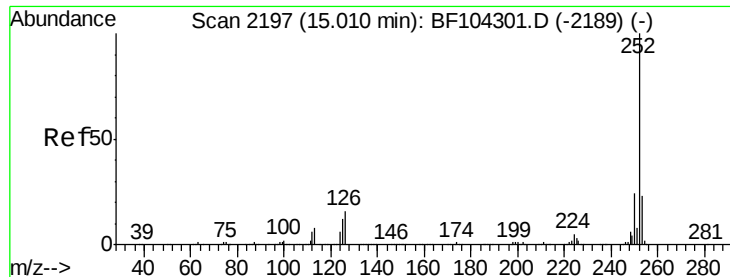
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104301.D
 Acq: 6 Apr 2018 12:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

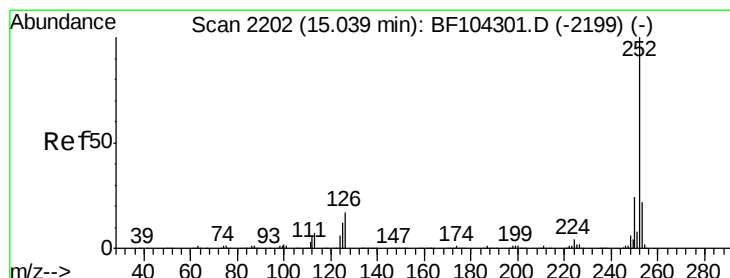
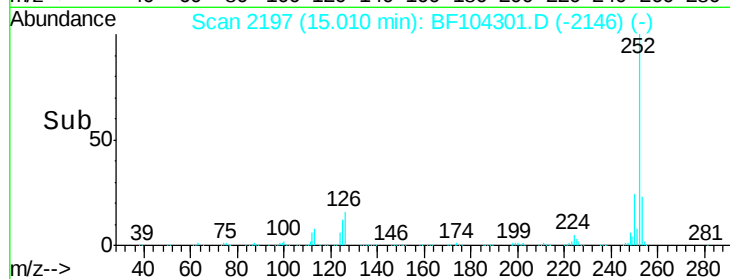
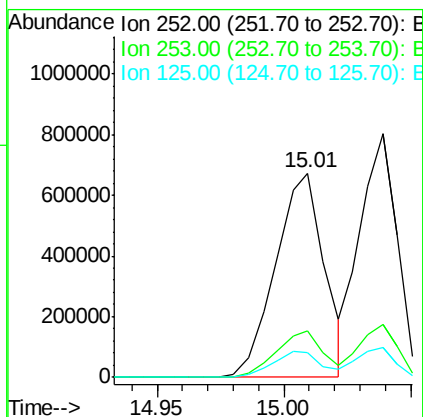
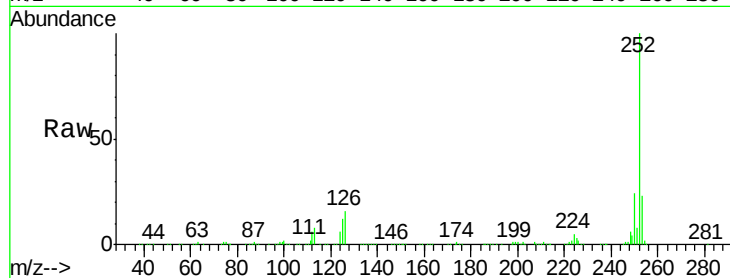




#87
Benzo(b)fluoranthene
Concen: 41.518 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

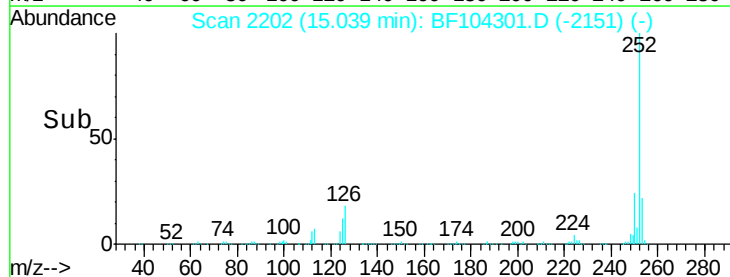
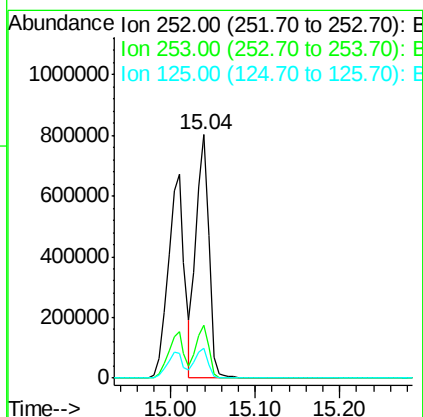
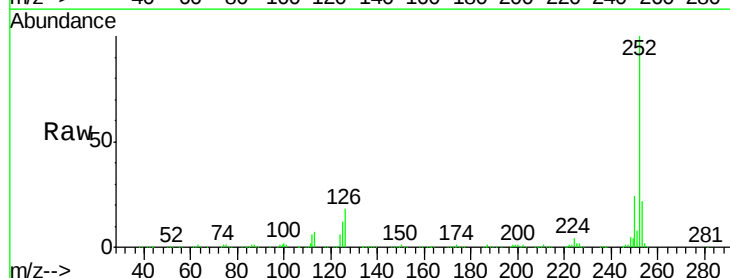
Instrument :
BNA_F
ClientSampleId :

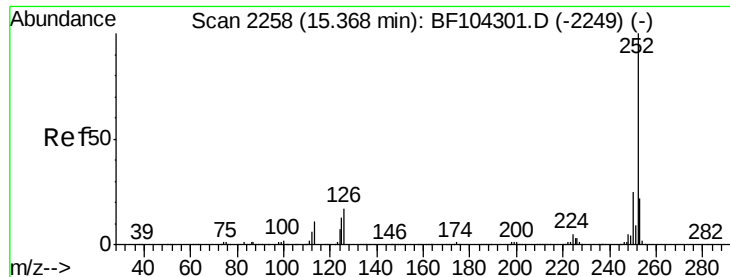
Tot Ion:252 Resp: 902269
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.862 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104301.D
Acq: 6 Apr 2018 12:53

Tgt Ion:252 Resp: 836516
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.916 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

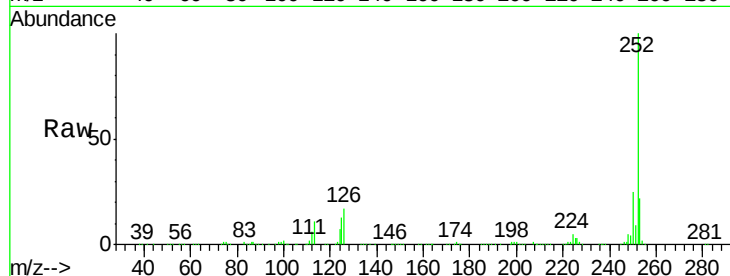
Tot Ion:252 Resp: 803865

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

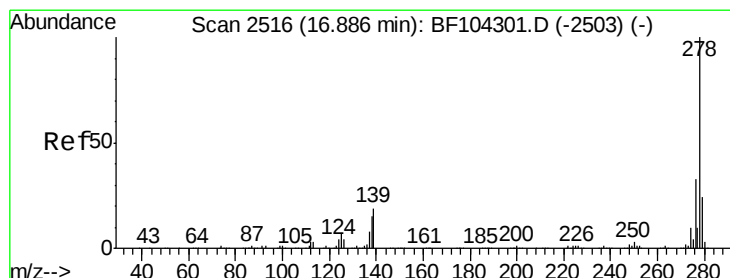
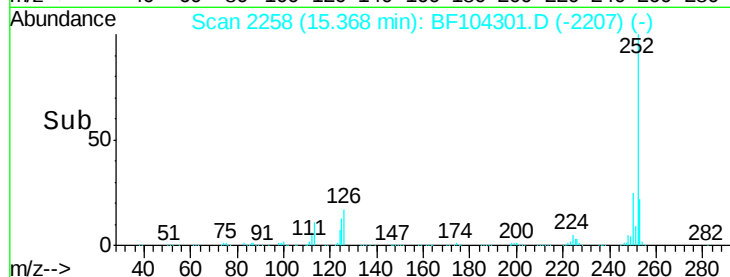
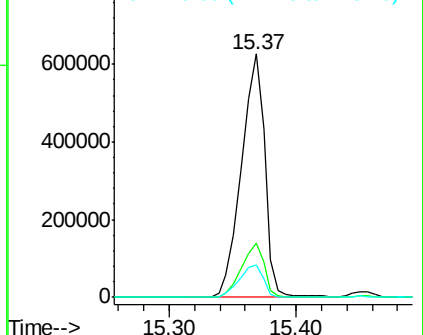
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.303 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

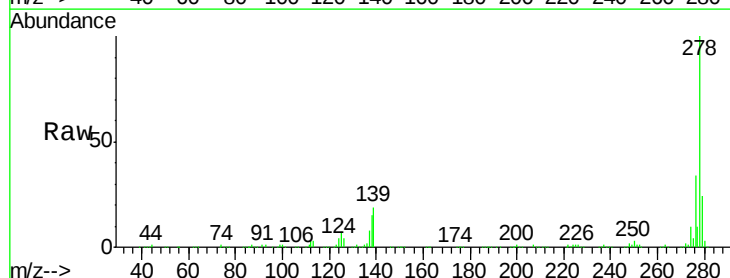
Tgt Ion:278 Resp: 638702

Ion Ratio Lower Upper

278 100

139 18.9 15.9 23.9

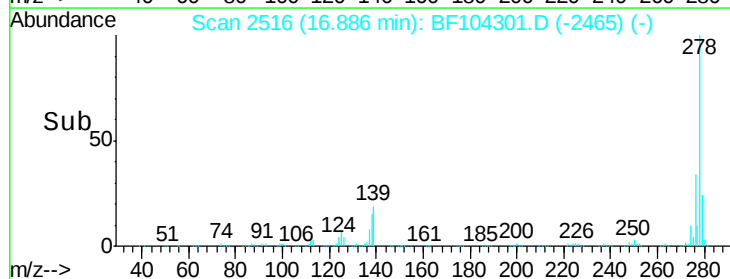
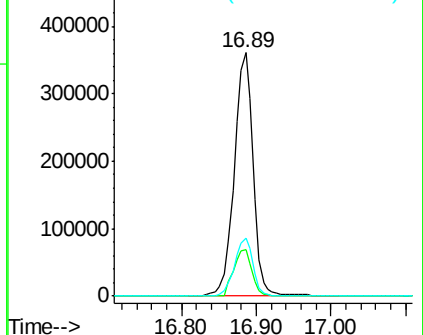
279 23.9 19.0 28.4

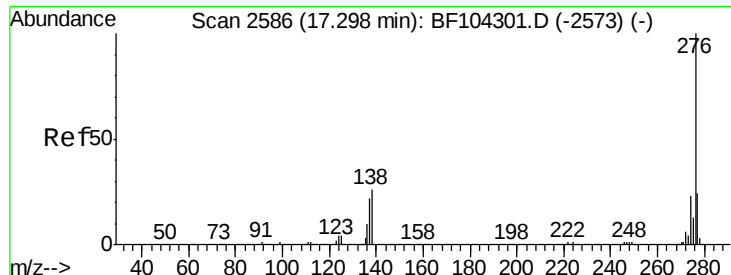


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.187 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BF104301.D

Acq: 6 Apr 2018 12:53

Instrument :

BNA_F

ClientSampleId :

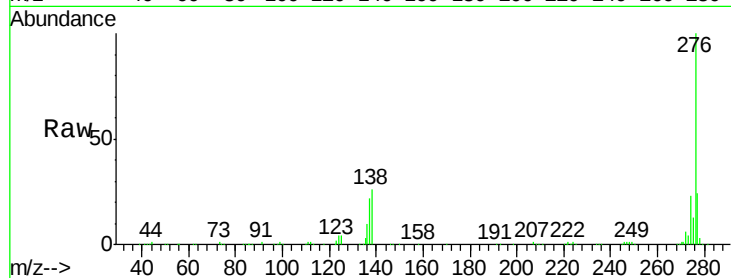
Tot Ion: 276 Resp: 600272

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 25.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

