

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104446.D
 Acq On : 12 Apr 2018 13:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 17:07:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124516	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	506895	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240307	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	454356	20.00	ng	0.00
75) Chrysene-d12	13.99	240	370040	20.00	ng	0.00
86) Perylene-d12	15.46	264	317700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	596208	73.21	ng	0.00
7) Phenol-d6	6.45	99	728635	72.82	ng	0.00
23) Nitrobenzene-d5	7.38	82	653602	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	203357	81.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1145682	75.32	ng	0.00
78) Terphenyl-d14	12.93	244	1195620	73.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	139662	36.807	ng	90
3) Pyridine	3.26	79	391025	36.653	ng	87
4) n-Nitrosodimethylamine	3.22	42	130067	34.878	ng	# 81
6) Aniline	6.47	93	506110	36.408	ng	98
8) 2-Chlorophenol	6.60	128	324959	37.808	ng	92
9) Benzaldehyde	6.36	77	184562	34.986	ng	96
10) Phenol	6.46	94	419325	39.499	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	308398	36.403	ng	94
12) 1,3-Dichlorobenzene	6.75	146	369849	37.983	ng	100
13) 1,4-Dichlorobenzene	6.83	146	372427	38.369	ng	99
14) 1,2-Dichlorobenzene	6.98	146	342617	38.090	ng	99
15) Benzyl Alcohol	6.95	79	279149	36.733	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	405218	35.617	ng	92
17) 2-Methylphenol	7.06	107	282254	37.779	ng	98
18) Hexachloroethane	7.32	117	133924	38.698	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	222527	34.035	ng	94
20) 3+4-Methylphenols	7.22	107	336903	36.359	ng	# 83
22) Acetophenone	7.22	105	452298	36.243	ng	95
24) Nitrobenzene	7.40	77	348584	40.672	ng	97
25) Isophorone	7.63	82	597868	36.421	ng	98
26) 2-Nitrophenol	7.71	139	175760	50.374	ng	97
27) 2,4-Dimethylphenol	7.75	122	254930	35.188	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	371438	37.008	ng	99
29) 2,4-Dichlorophenol	7.95	162	264604	38.279	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	289732	38.192	ng	99
31) Naphthalene	8.12	128	943685	37.387	ng	99
32) Benzoic acid	7.87	122	215566	37.292	ng	99
33) 4-Chloroaniline	8.17	127	409392	37.859	ng	96
34) Hexachlorobutadiene	8.23	225	162404	39.084	ng	99
35) Caprolactam	8.55	113	91450	37.924	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	285879	38.570	ng	99
37) 2-Methylnaphthalene	8.81	142	613392	37.569	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	268380	39.015	ng	99
40) Hexachlorocyclopentadiene	8.96	237	156903	40.742	ng	98

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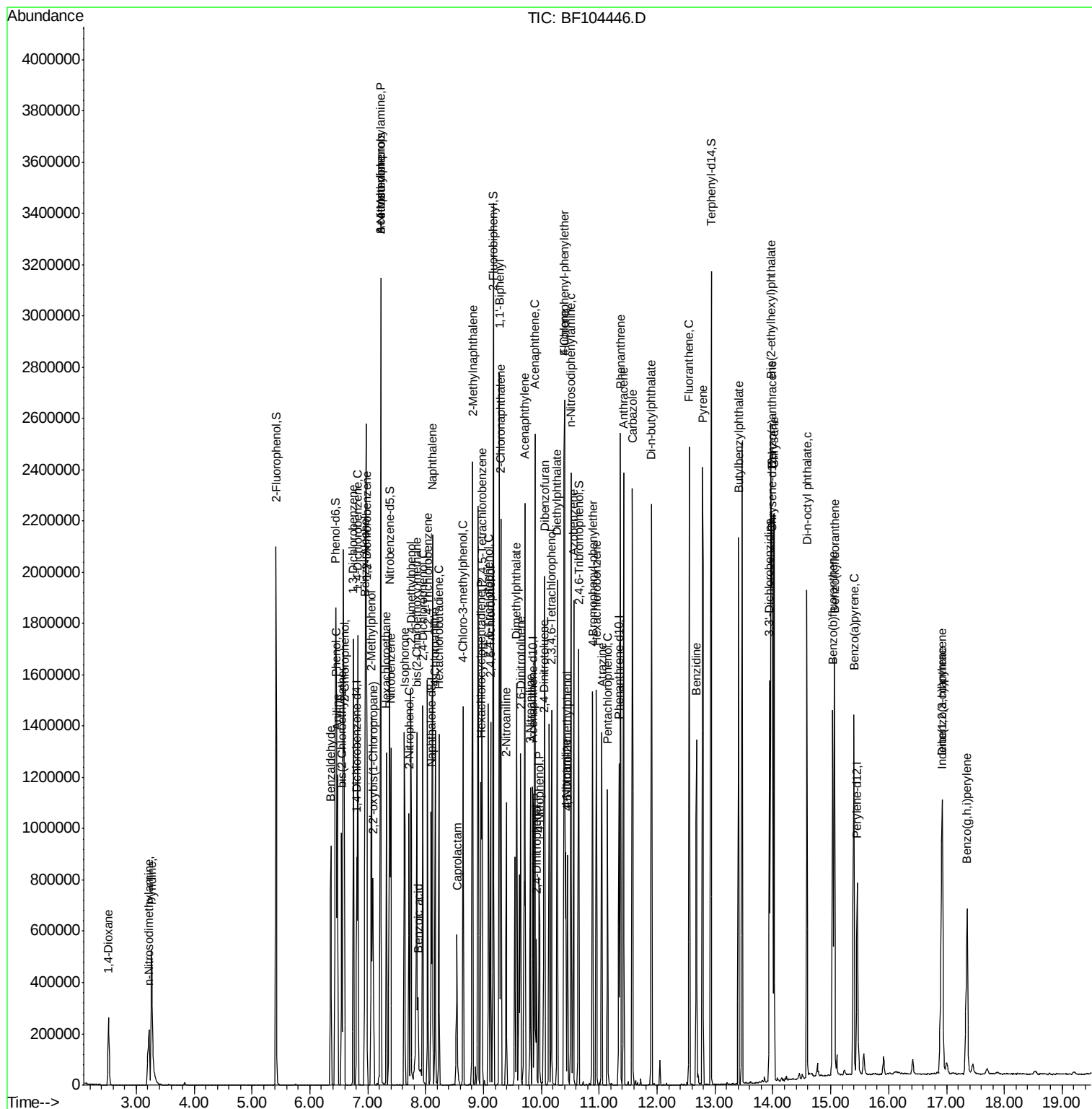
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185776	38.904	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	209643	39.232	ng	95
45) 1,1'-Biphenyl	9.27	154	751657	37.234	ng	99
46) 2-Chloronaphthalene	9.30	162	603114	37.823	ng	100
47) 2-Nitroaniline	9.40	65	186910	47.399	ng	95
48) Acenaphthylene	9.72	152	937983	37.492	ng	100
49) Dimethylphthalate	9.57	163	736884	38.886	ng	99
50) 2,6-Dinitrotoluene	9.64	165	158977	45.338	ng	97
51) Acenaphthene	9.89	154	550086	36.037	ng	99
52) 3-Nitroaniline	9.81	138	186631	45.464	ng	96
53) 2,4-Dinitrophenol	9.92	184	74252	58.904	ng	# 18
54) Dibenzofuran	10.06	168	797501	37.490	ng	98
55) 4-Nitrophenol	9.96	139	140950	43.710	ng	100
56) 2,4-Dinitrotoluene	10.05	165	211246	45.928	ng	90
57) Fluorene	10.40	166	612944	39.586	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	157896	39.606	ng	95
59) Diethylphthalate	10.27	149	715108	37.891	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	280750	40.714	ng	98
61) 4-Nitroaniline	10.42	138	188163	46.879	ng	99
62) Azobenzene	10.56	77	659251	36.562	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	116289	51.856	ng	90
65) n-Nitrosodiphenylamine	10.52	169	574250	36.452	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	183001	37.866	ng	# 90
67) Hexachlorobenzene	10.95	284	207540	38.165	ng	91
68) Atrazine	11.04	200	181959	38.265	ng	99
69) Pentachlorophenol	11.14	266	129237	38.415	ng	97
70) Phenanthrene	11.37	178	926374	36.612	ng	99
71) Anthracene	11.42	178	930557	36.179	ng	99
72) Carbazole	11.57	167	914410	36.382	ng	99
73) Di-n-butylphthalate	11.90	149	1144924	37.292	ng	99
74) Fluoranthene	12.56	202	983789	37.213	ng	98
76) Benzidine	12.68	184	458295	35.312	ng	99
77) Pyrene	12.79	202	1008848	36.781	ng	100
79) Butylbenzylphthalate	13.40	149	497679	38.514	ng	99
80) Benzo(a)anthracene	13.98	228	846892	38.309	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	314171	38.116	ng	98
82) Chrysene	14.02	228	831554	36.621	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	668182	40.201	ng	99
84) Di-n-octyl phthalate	14.59	149	1028173	37.022	ng	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	666418	34.549	ng	97
87) Benzo(b)fluoranthene	15.03	252	795962	39.668	ng	97
88) Benzo(k)fluoranthene	15.07	252	687447	36.289	ng	98
89) Benzo(a)pyrene	15.40	252	682465	38.013	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	551234	37.384	ng	97
91) Benzo(g,h,i)perylene	17.36	276	537992	37.660	ng	94

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

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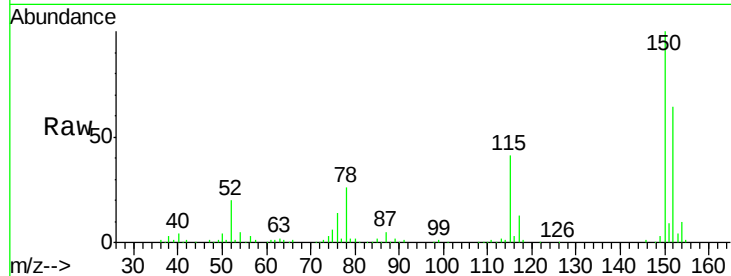


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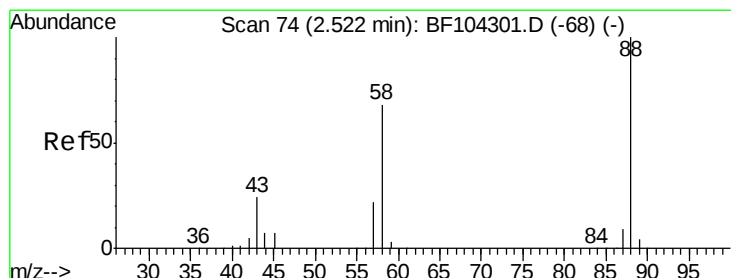
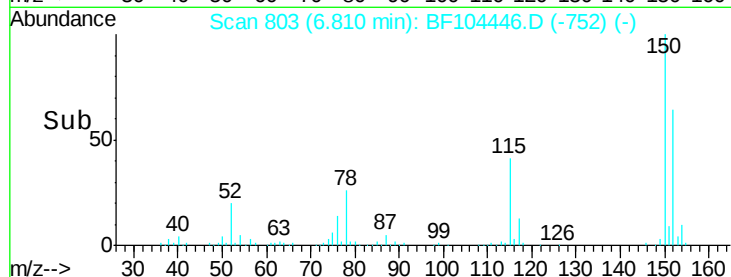
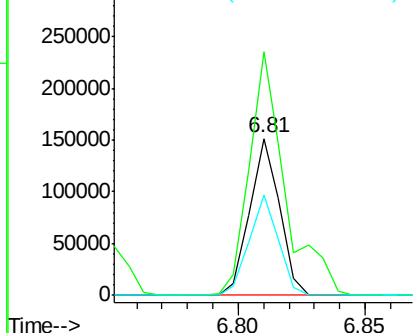
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124516
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 63.8 50.1 75.1



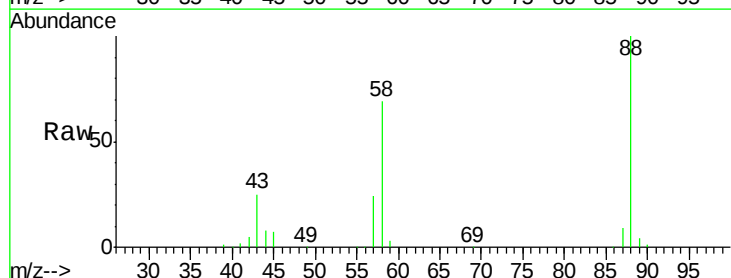
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



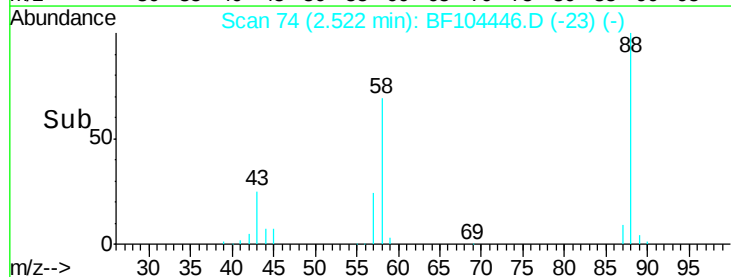
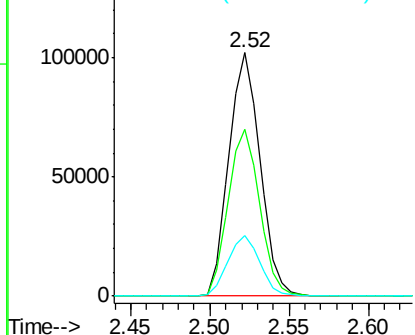
#2

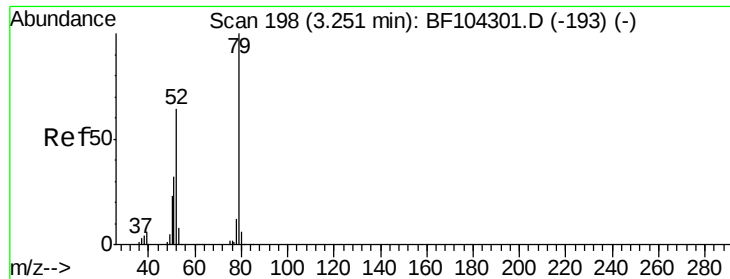
1,4-Dioxane
Concen: 36.807 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion: 88 Resp: 139662
Ion Ratio Lower Upper
88 100
58 68.8 62.6 93.8
43 25.5 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: 36.653 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

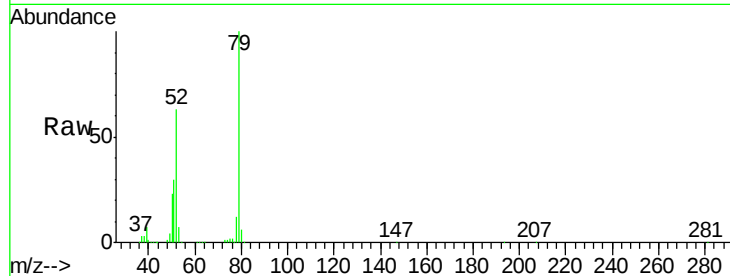
Tot Ion: 79 Resp: 391025

Ion Ratio Lower Upper

79 100

52 62.7 59.8 89.6

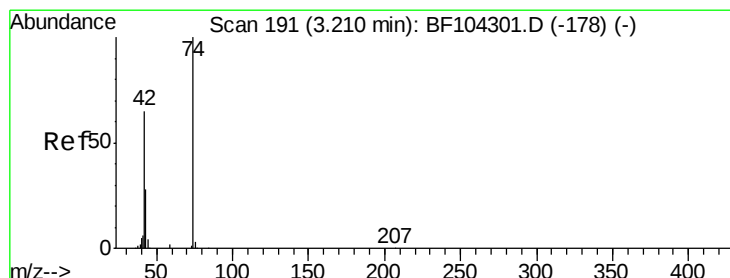
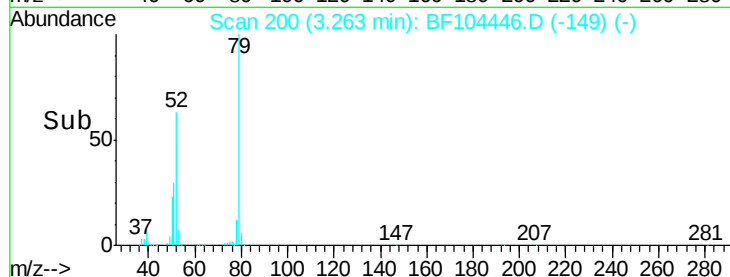
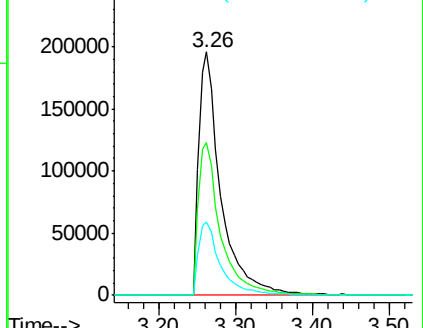
51 30.0 29.8 44.8



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: 34.878 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

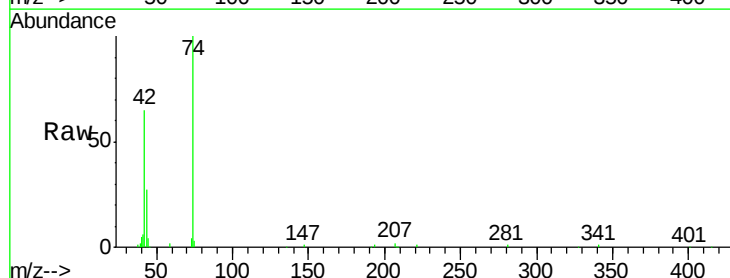
Tgt Ion: 42 Resp: 130067

Ion Ratio Lower Upper

42 100

74 153.9 104.9 157.3

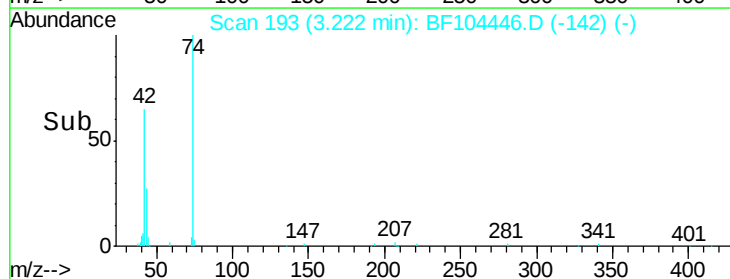
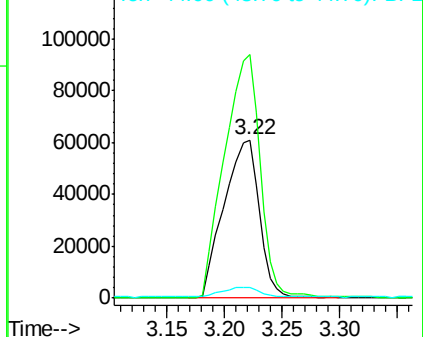
44 6.7 6.9 10.3#



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: 73.214 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104446.D

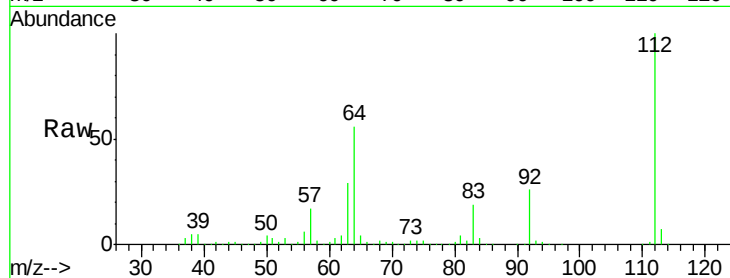
Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

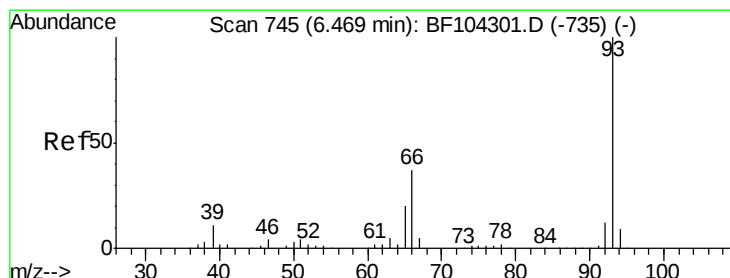
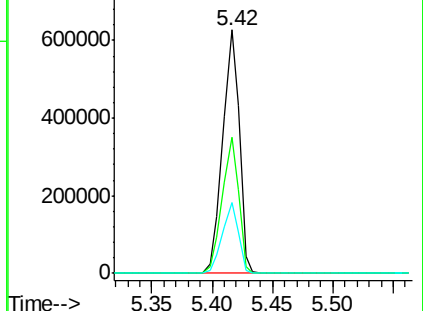
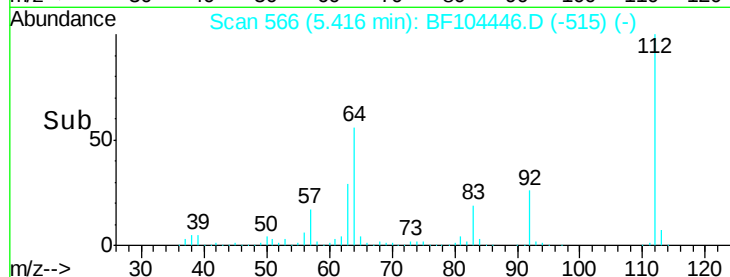
Tot Ion:	112	Resp:	596208
Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.408 ng

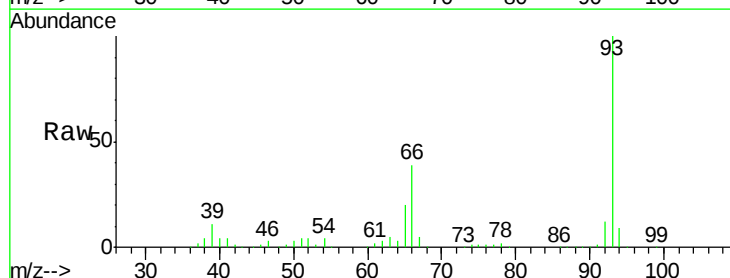
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

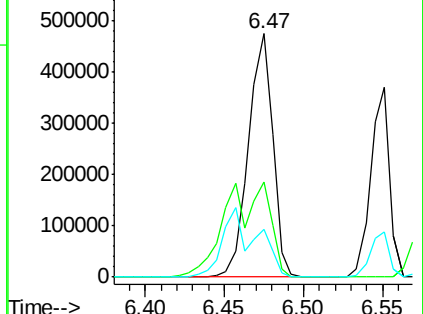
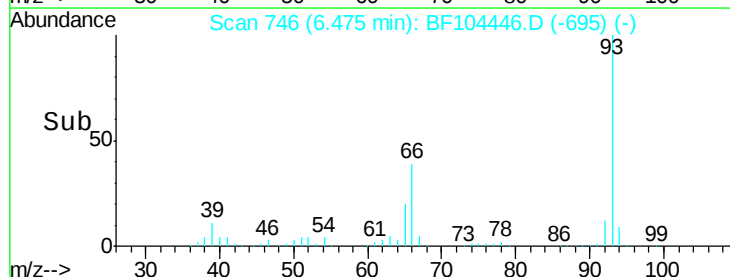
Tgt Ion:	93	Resp:	506110
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.823 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

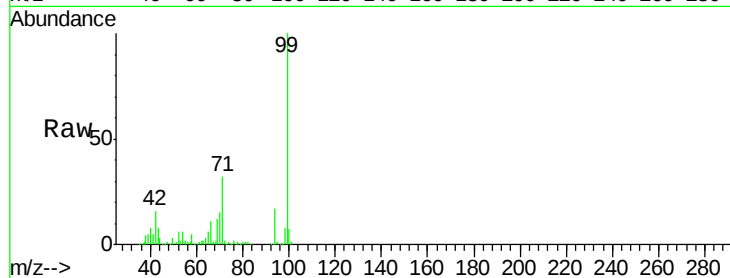
Tot Ion: 99 Resp: 728635

Ion Ratio Lower Upper

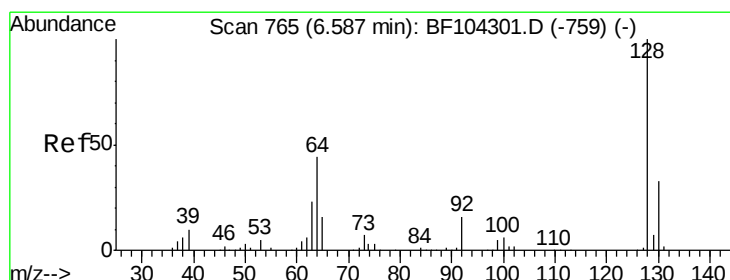
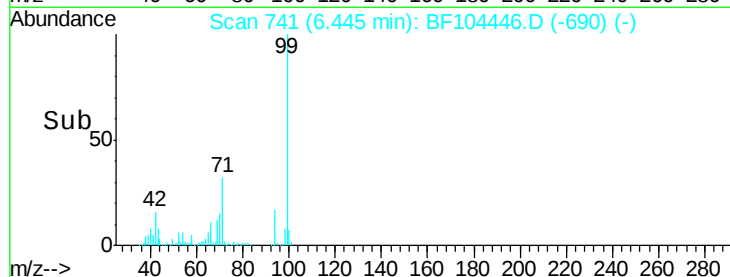
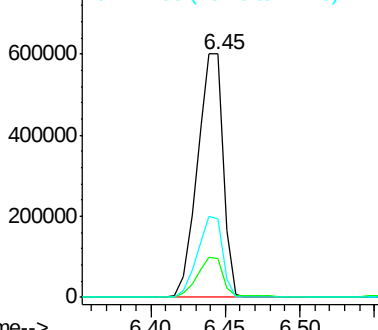
99 100

42 15.7 14.5 21.7

71 32.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.808 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

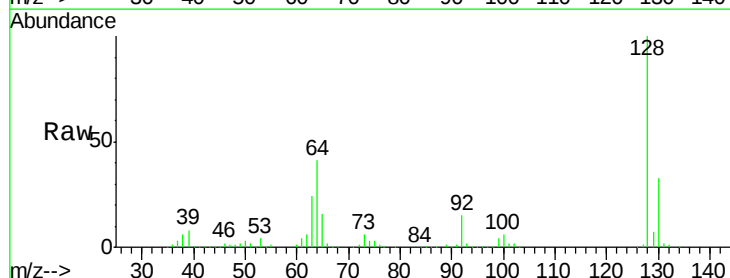
Tgt Ion: 128 Resp: 324959

Ion Ratio Lower Upper

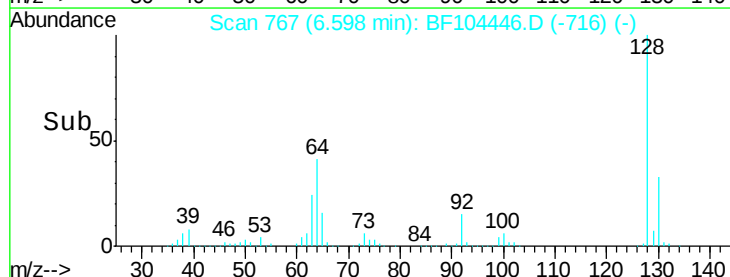
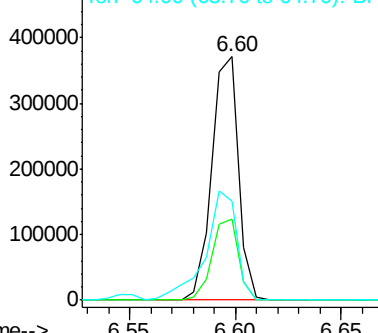
128 100

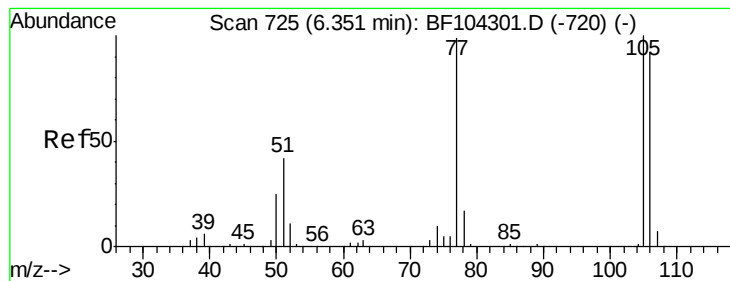
130 33.1 13.0 53.0

64 40.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 34.986 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104446.D

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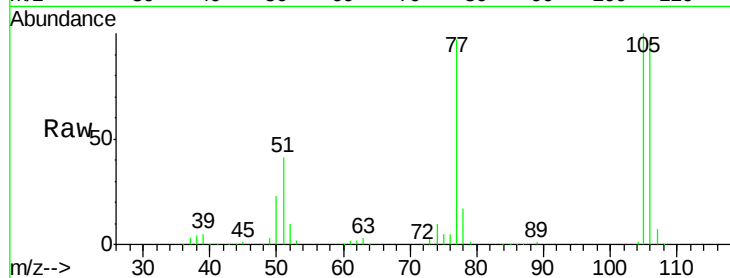
Tot Ion: 77 Resp: 184562

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

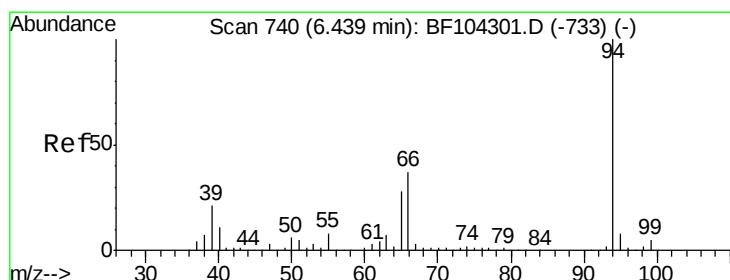
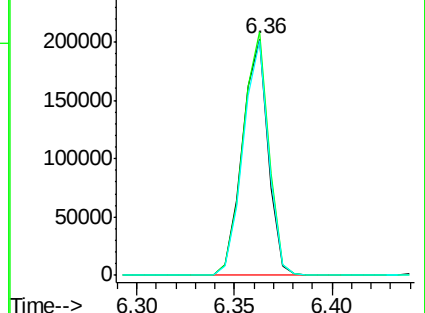
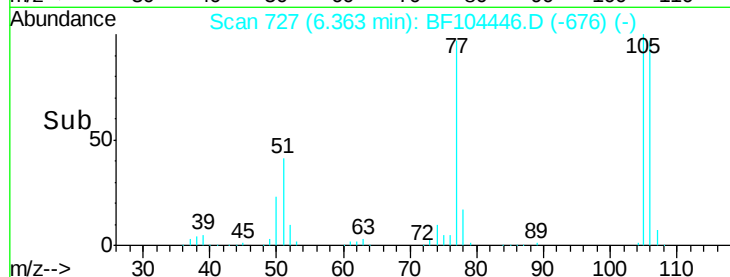
106 99.7 74.5 114.5



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: 39.499 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

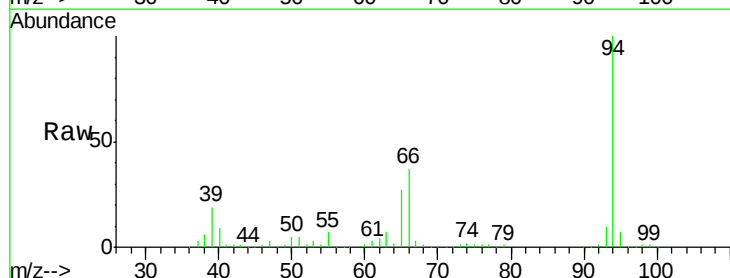
Tgt Ion: 94 Resp: 419325

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

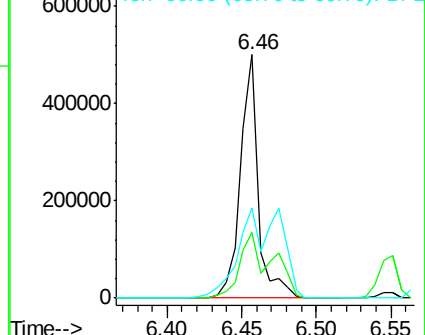
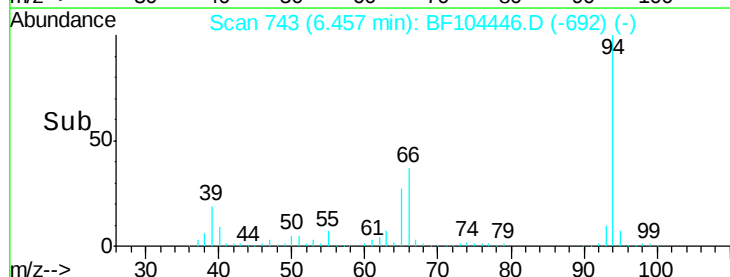
66 36.7 16.2 56.2

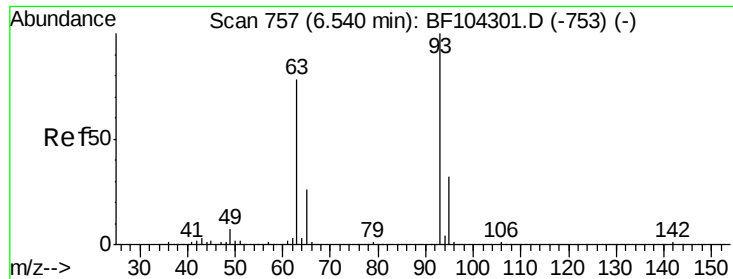


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

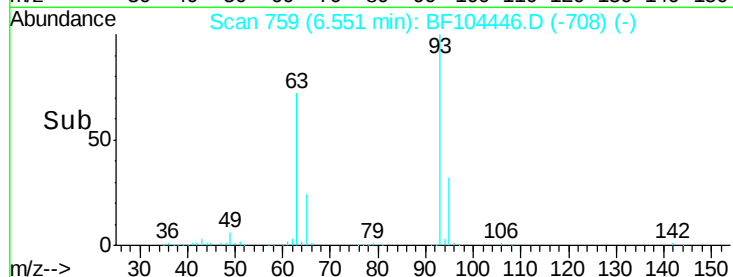
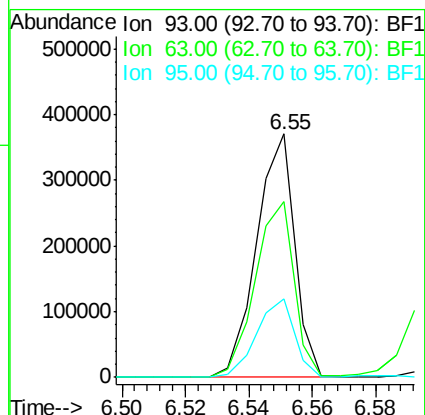
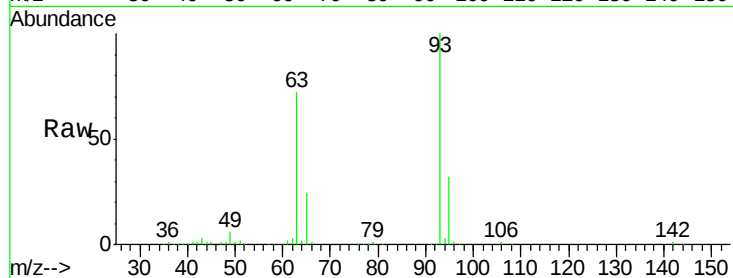




#11
 bis(2-Chloroethyl)ether
 Concen: 36.403 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

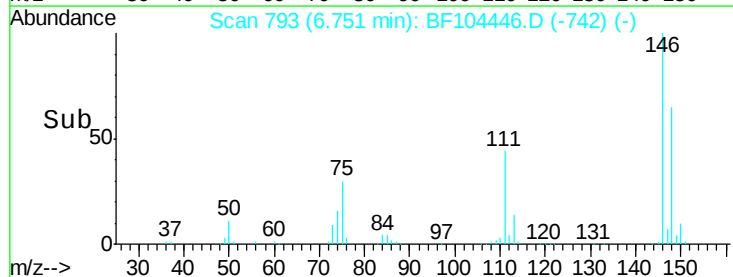
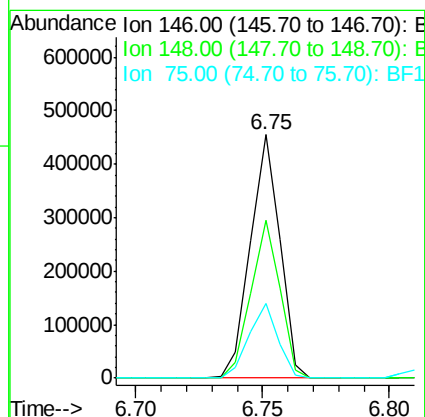
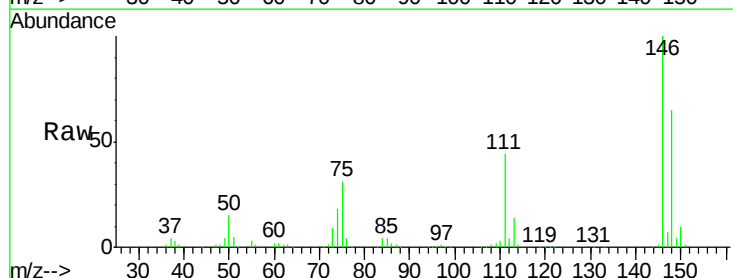
Instrument :
 BNA_F
 ClientSampleId :

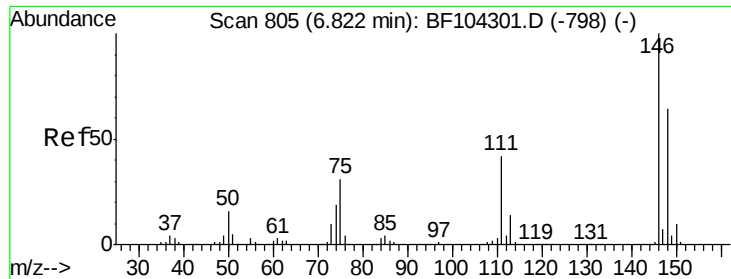
Tot Ion: 93 Resp: 308398
 Ion Ratio Lower Upper
 93 100
 63 72.2 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.983 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion: 146 Resp: 369849
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 75 30.6 24.2 36.4

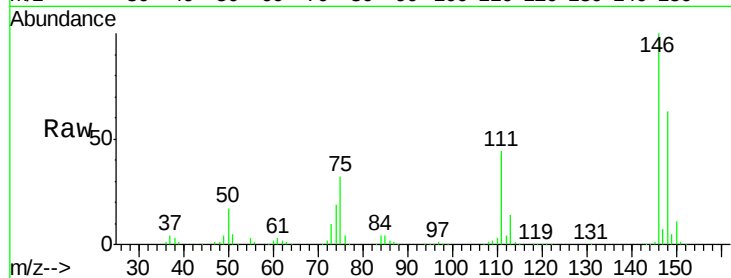




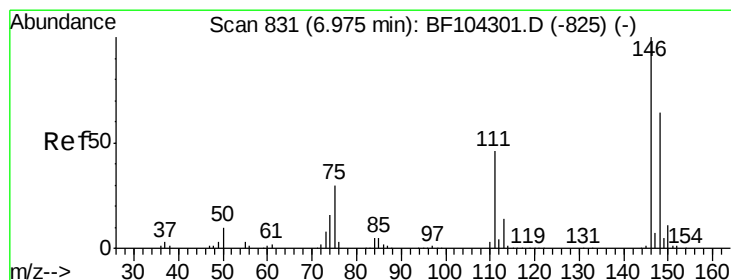
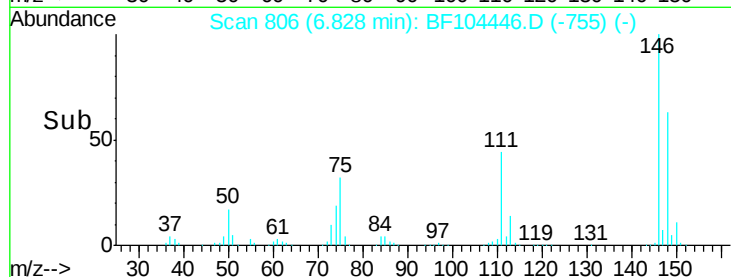
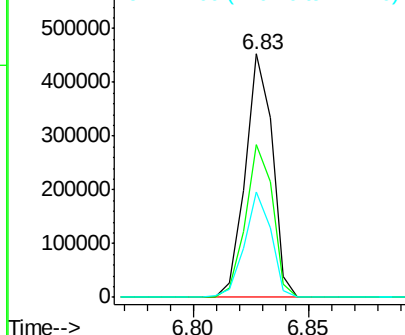
#13
 1,4-Dichlorobenzene
 Concen: 38.369 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	43.5	34.2	51.2

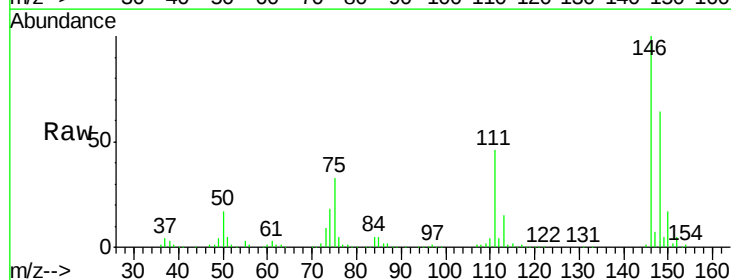


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

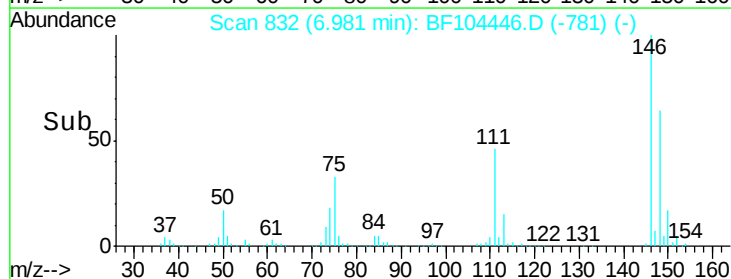
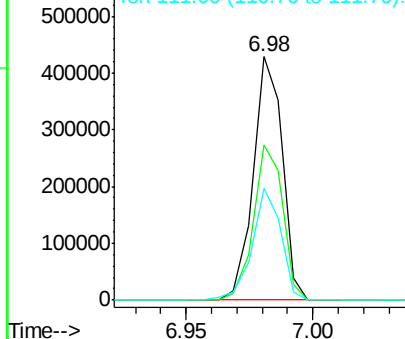


#14
 1,2-Dichlorobenzene
 Concen: 38.090 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	45.8	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 36.733 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

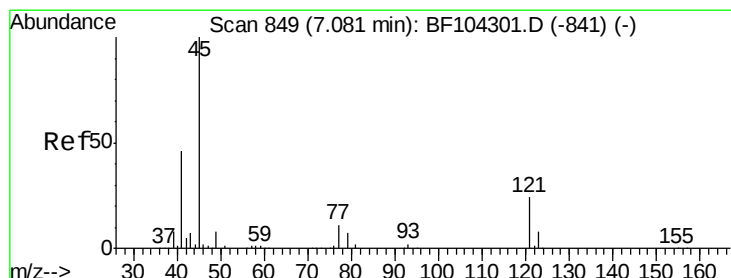
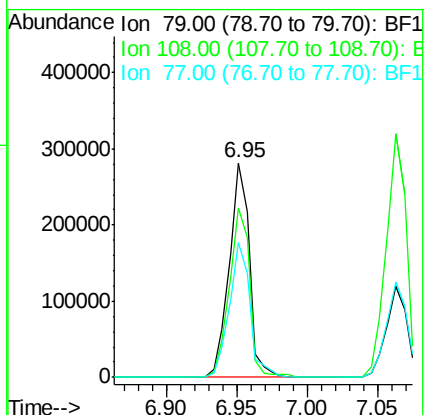
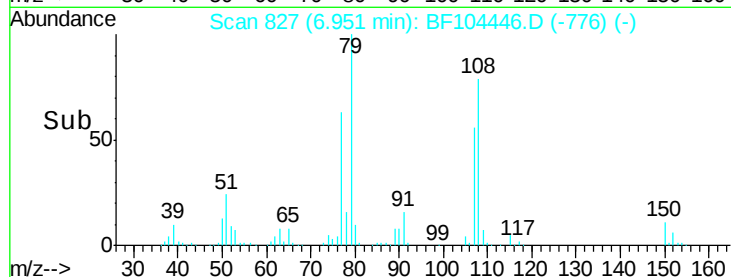
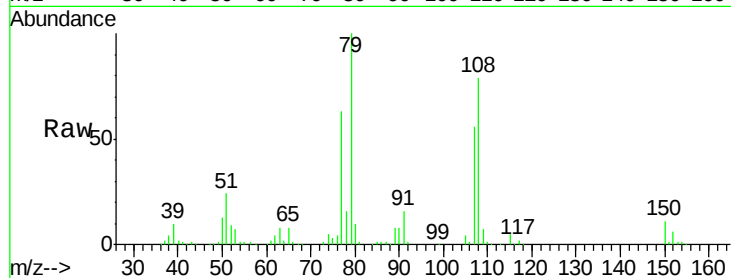
Tot Ion: 79 Resp: 279149

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.617 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

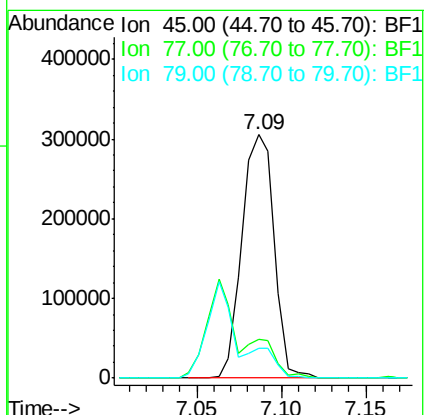
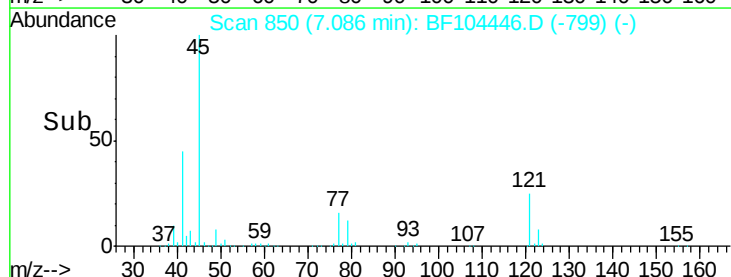
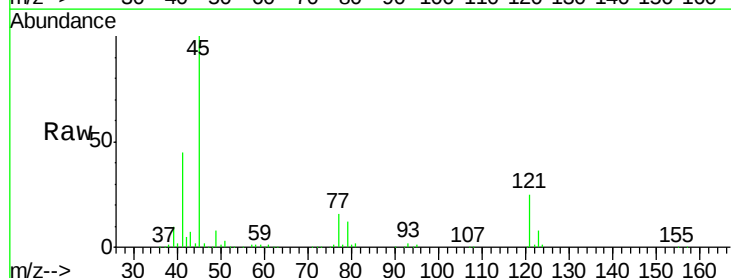
Tgt Ion: 45 Resp: 405218

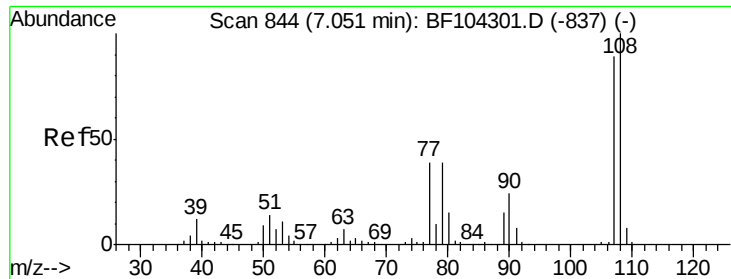
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.9

79 12.3 0.0 29.6





#17

2-Methylphenol

Concen: 37.779 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 282254

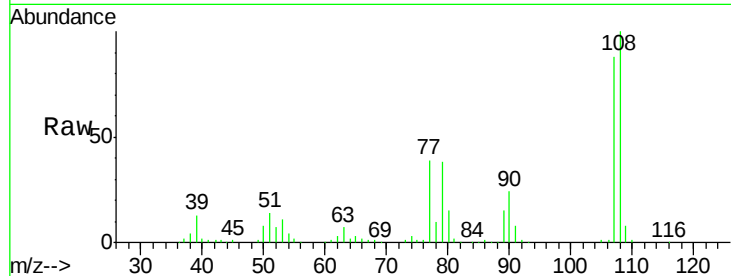
Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 44.1 33.8 50.8

79 42.6 33.8 50.8

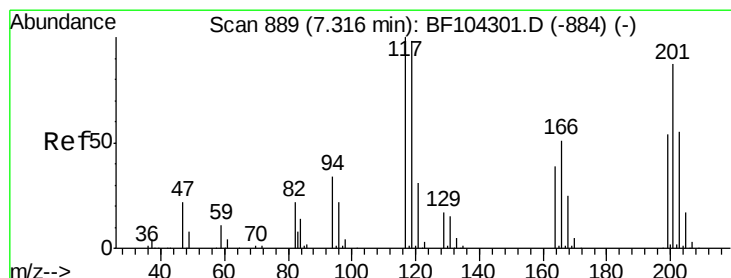
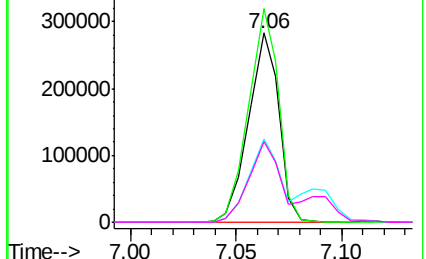
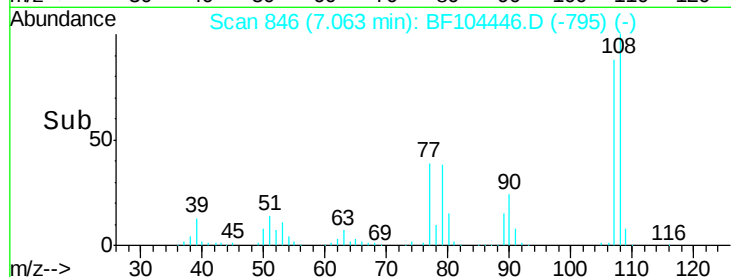


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.698 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

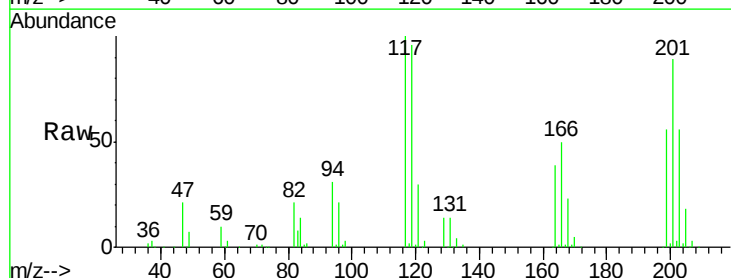
Tgt Ion:117 Resp: 133924

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

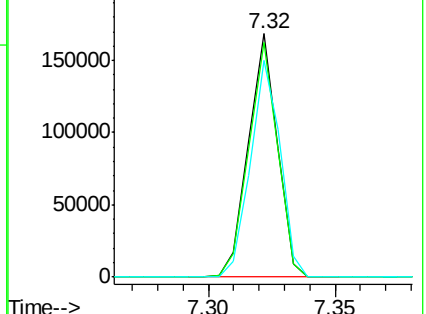
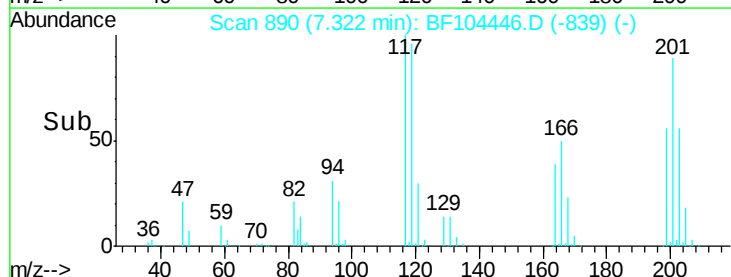
201 88.8 75.7 113.5

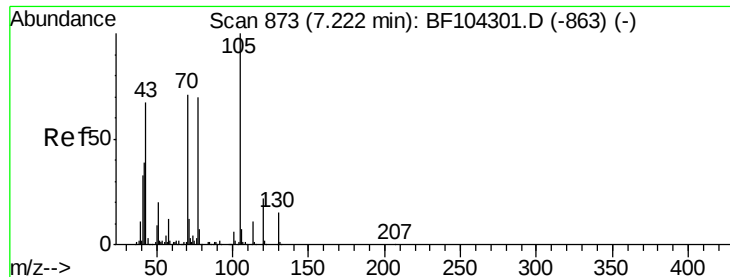


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.035 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 222527

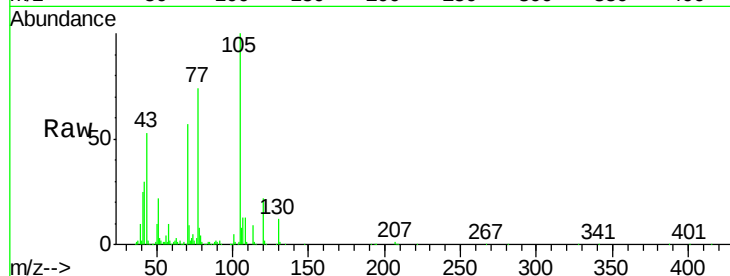
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 9.4 7.4 11.2

130 21.8 16.6 25.0

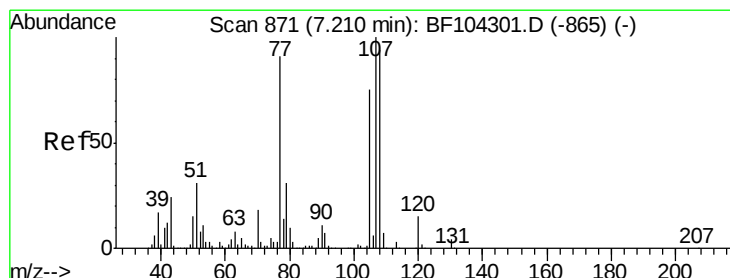
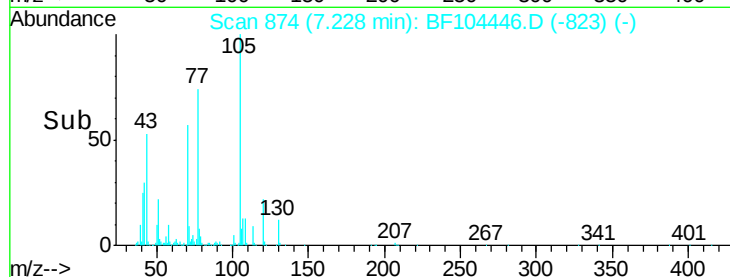
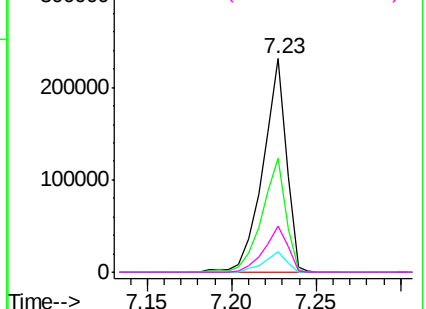


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 36.359 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Tgt Ion:107 Resp: 336903

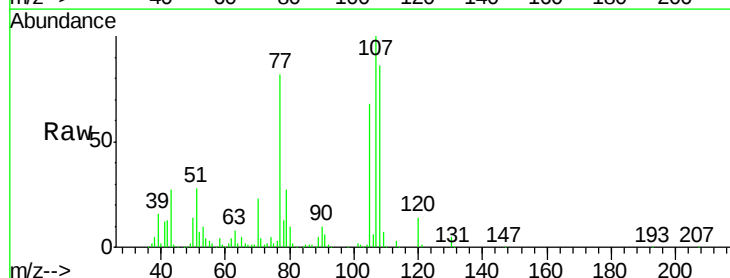
Ion Ratio Lower Upper

107 100

108 86.1 68.2 108.2

77 81.8 26.7 66.7#

79 26.6 6.3 46.3

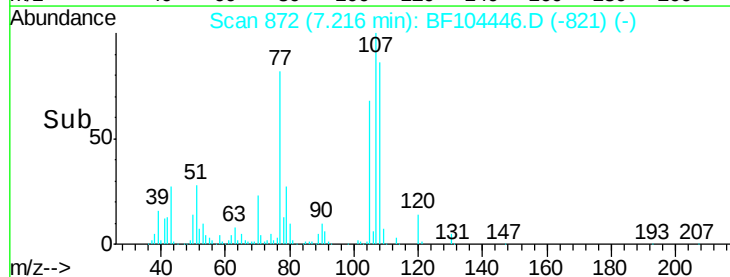
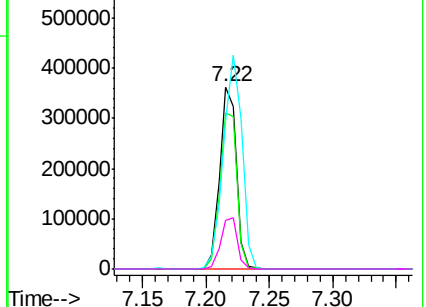


Abundance Ion 107.00 (106.70 to 107.70): BF1

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

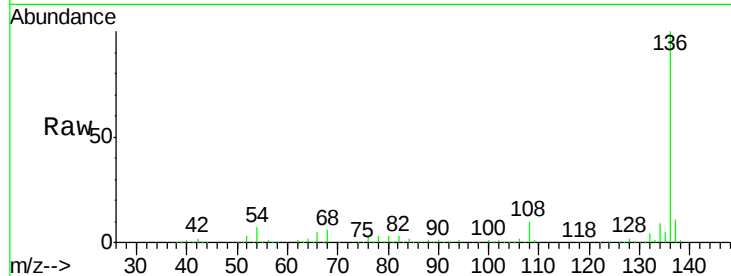




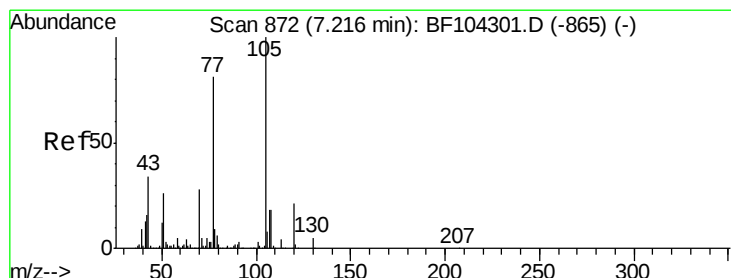
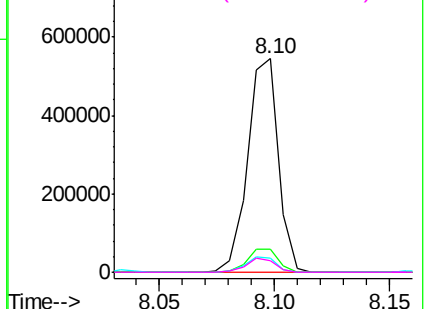
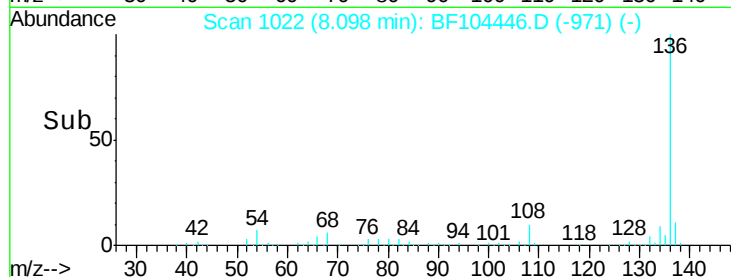
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	506895
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.5	6.6	9.8#
68 5.5	5.0	7.4

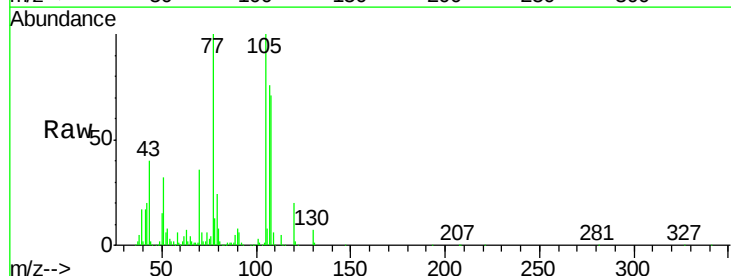


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

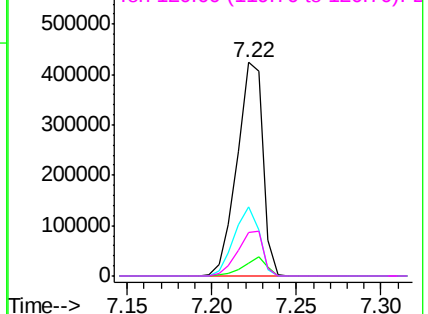
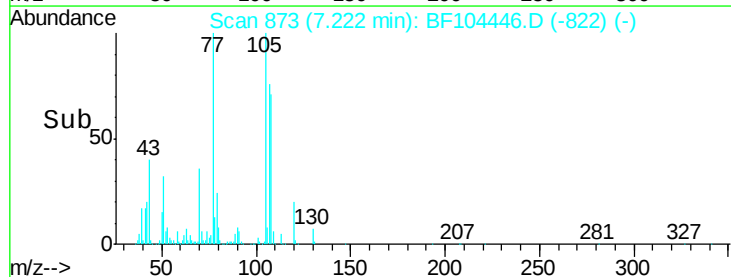


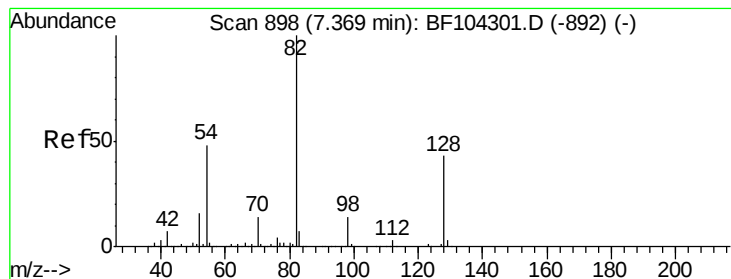
#22
Acetophenone
Concen: 36.243 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:105	Resp:	452298
Ion Ratio	Lower	Upper
105 100		
71 5.9	4.4	6.6
51 32.2	22.3	33.5
120 20.3	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: 84.197 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

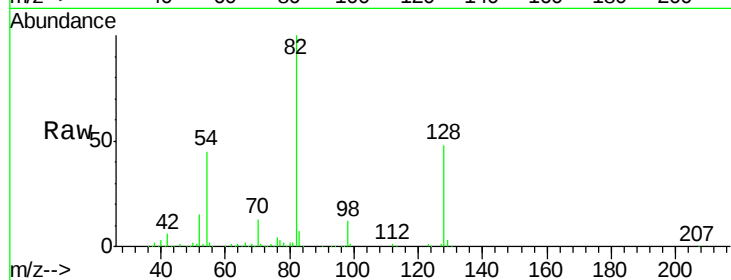
Tot Ion: 82 Resp: 653602

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

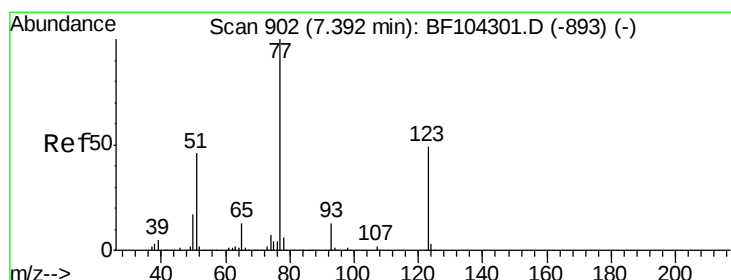
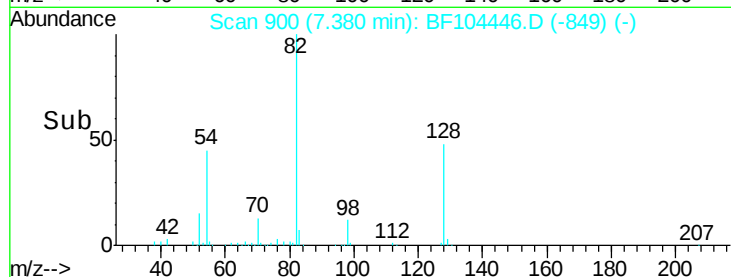
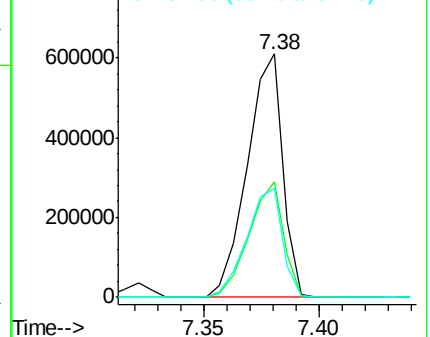
54 45.0 41.4 62.2



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: 40.672 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

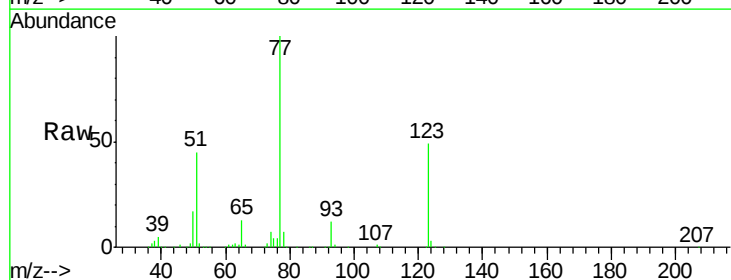
Tgt Ion: 77 Resp: 348584

Ion Ratio Lower Upper

77 100

123 49.3 37.9 56.9

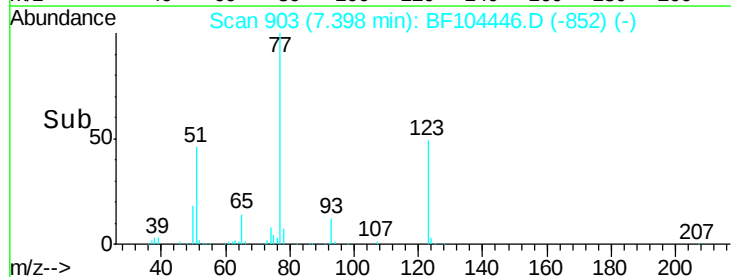
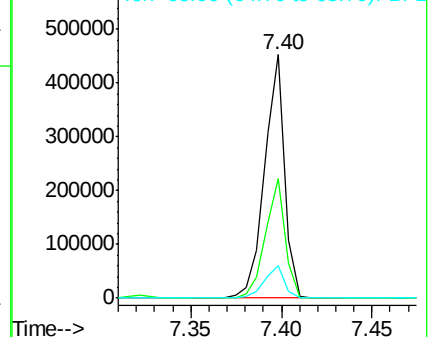
65 13.1 11.0 16.4



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: 36.421 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

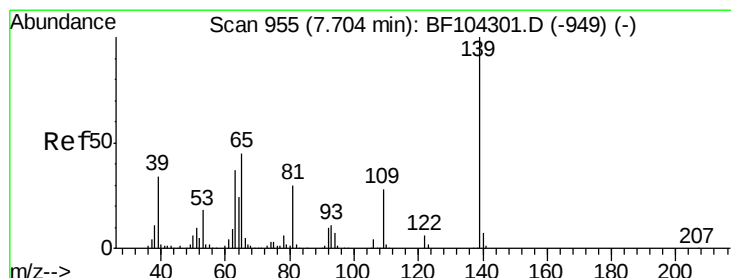
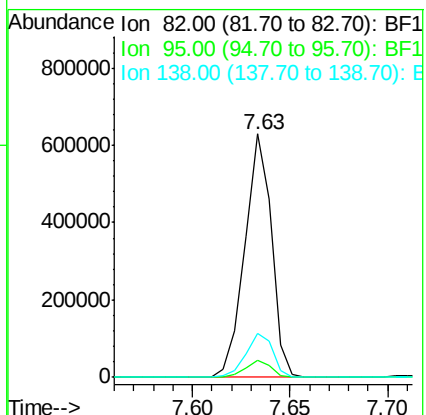
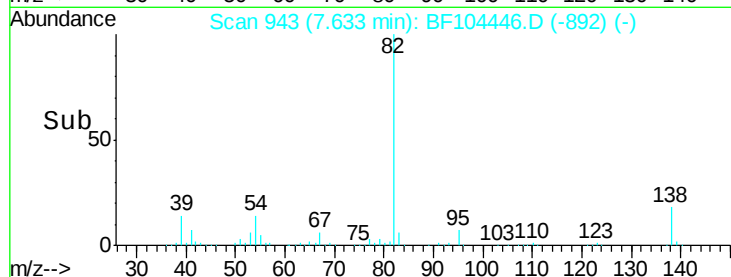
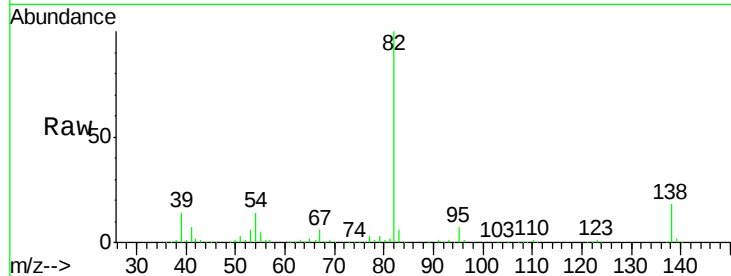
Tot Ion: 82 Resp: 597868

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 50.374 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

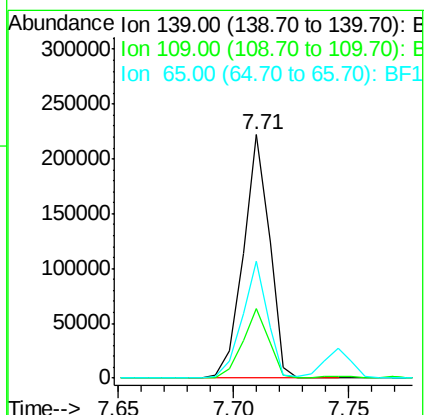
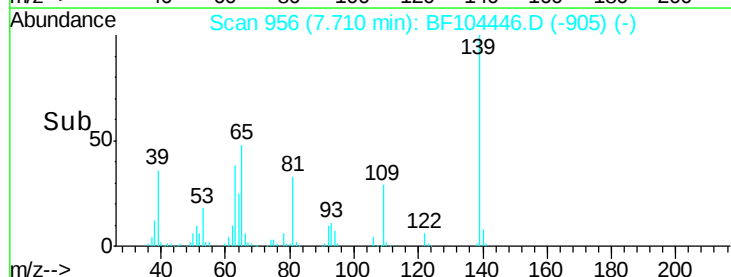
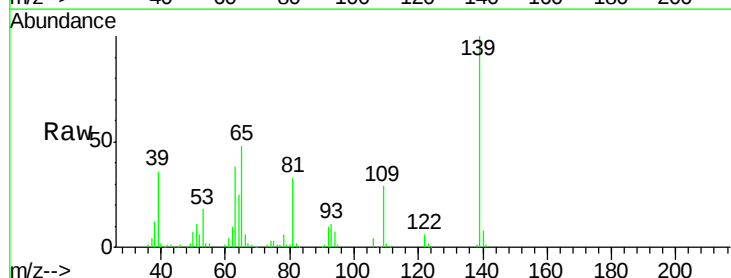
Tgt Ion: 139 Resp: 175760

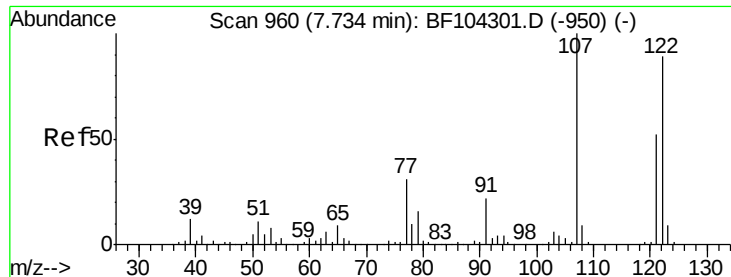
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 47.8 40.5 60.7

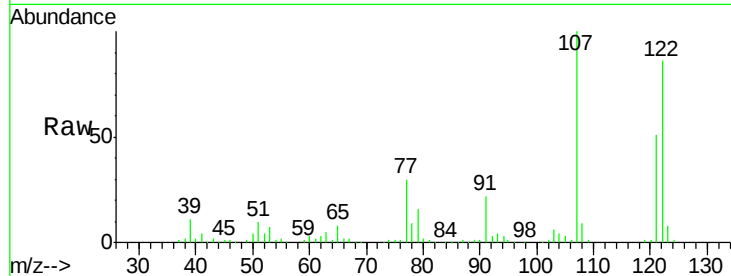




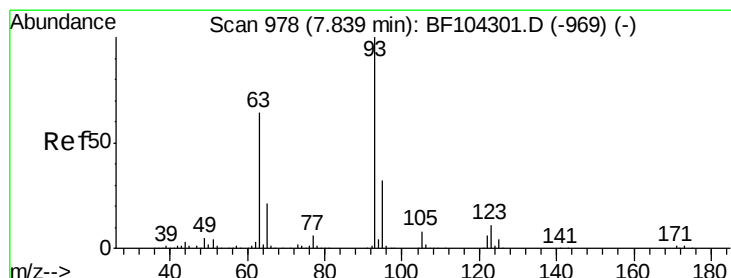
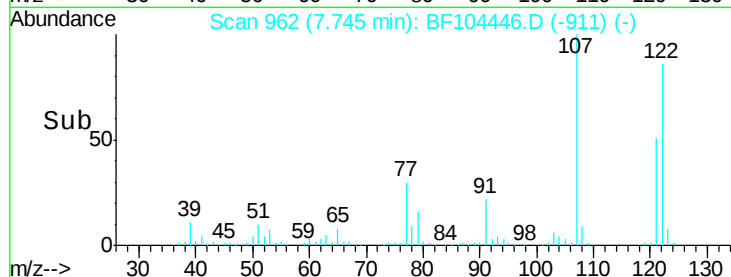
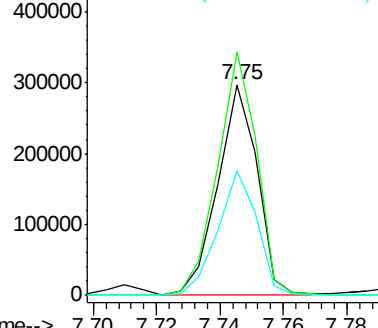
#27
 2,4-Dimethylphenol
 Concen: 35.188 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 254930
 Ion Ratio Lower Upper
 122 100
 107 115.7 91.2 136.8
 121 59.0 47.2 70.8

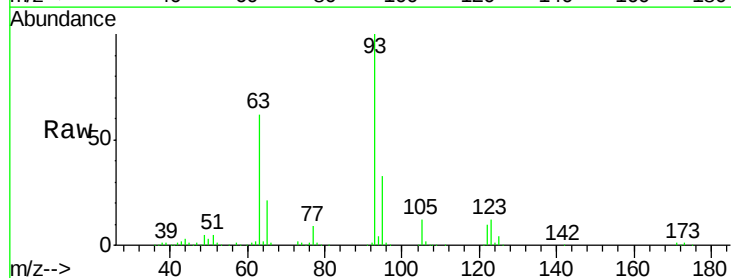


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

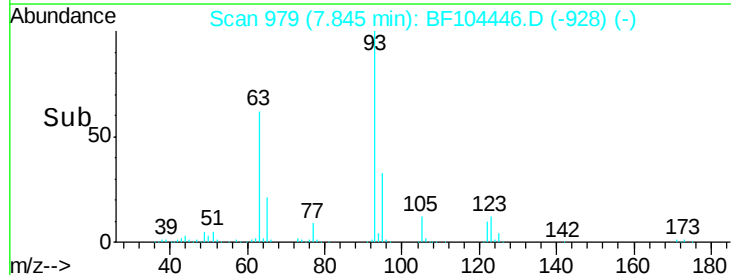
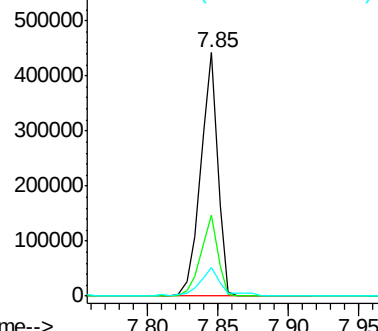


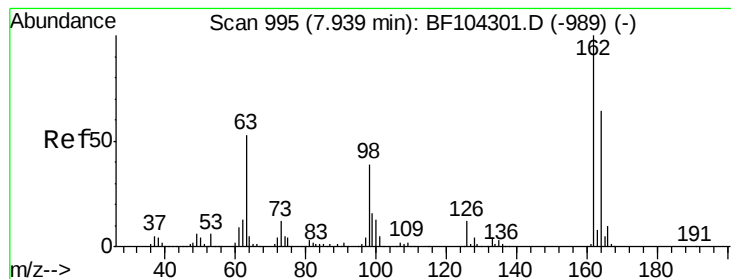
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.008 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion: 93 Resp: 371438
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.8 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: 38.279 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

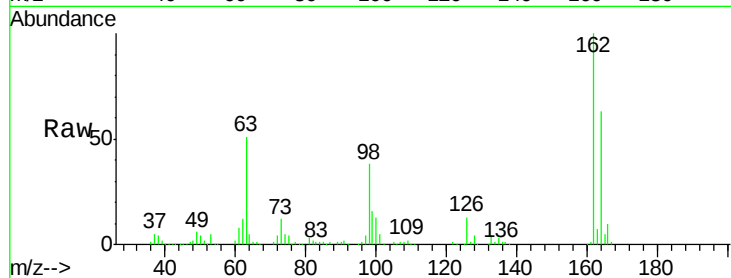
Tot Ion:162 Resp: 264604

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

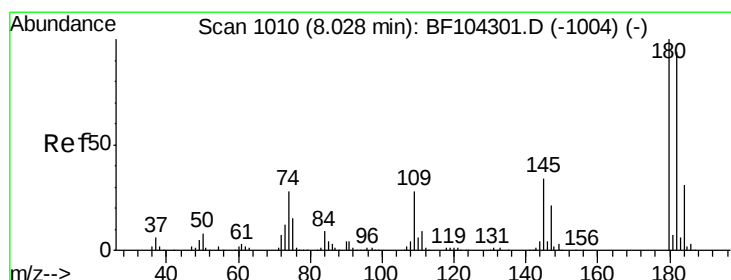
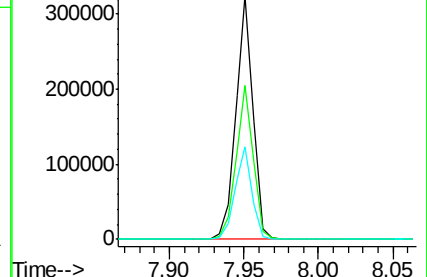
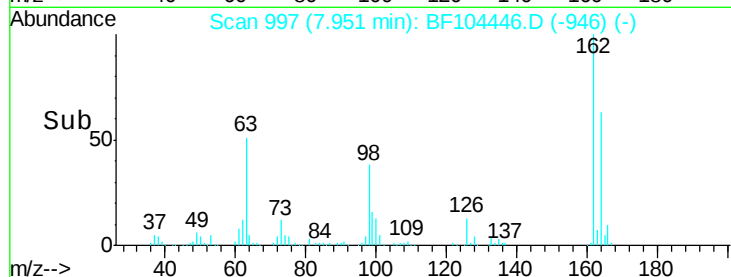
98 38.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.192 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

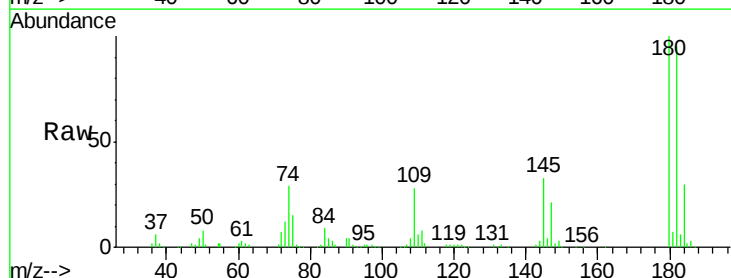
Tgt Ion:180 Resp: 289732

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

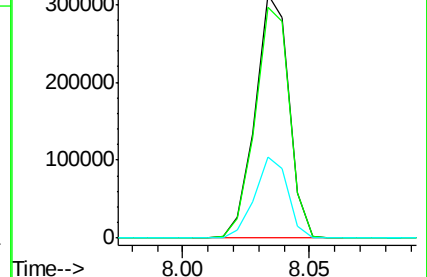
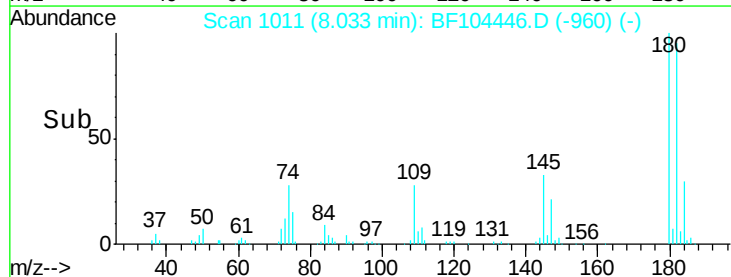
145 33.4 26.5 39.7

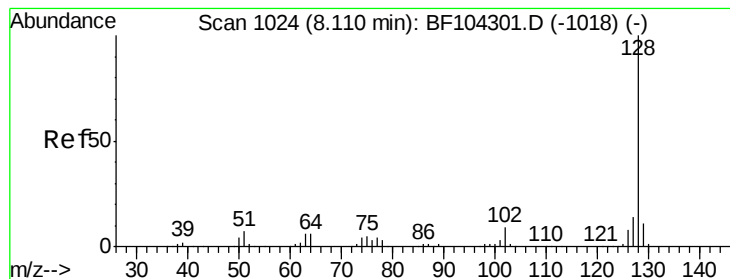


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.387 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

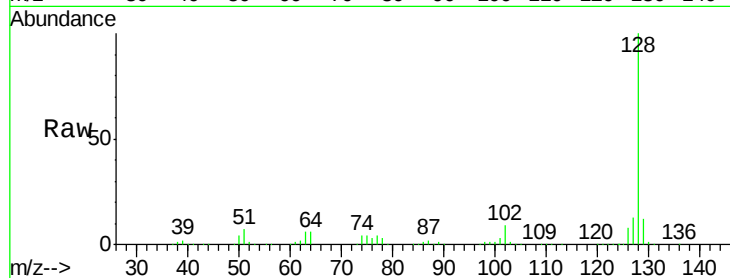
Tot Ion:128 Resp: 943685

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

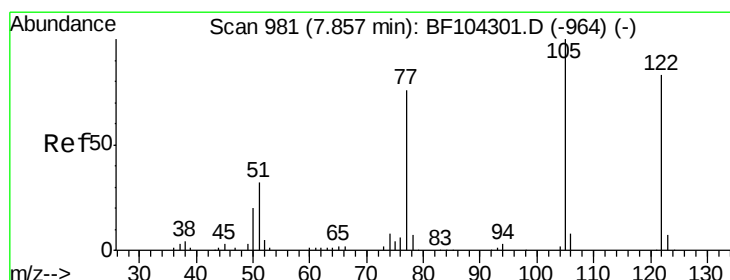
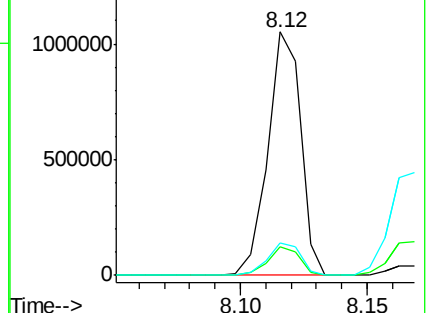
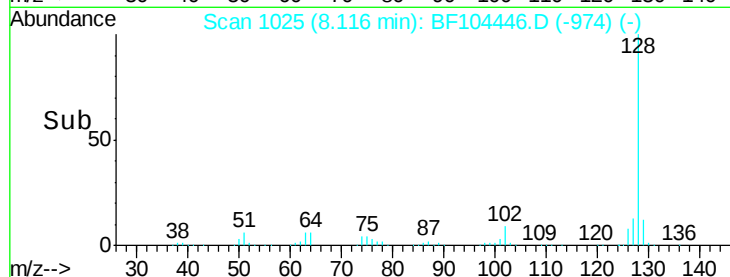
127 13.3 10.9 16.3



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: 37.292 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

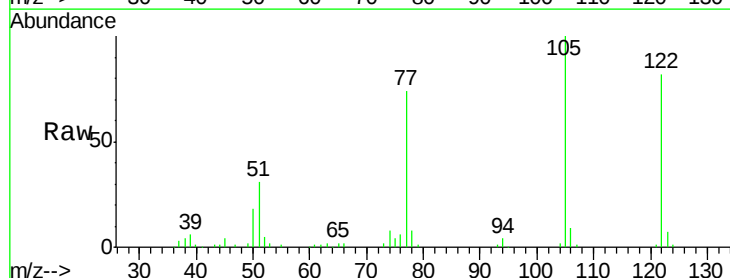
Tgt Ion:122 Resp: 215566

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

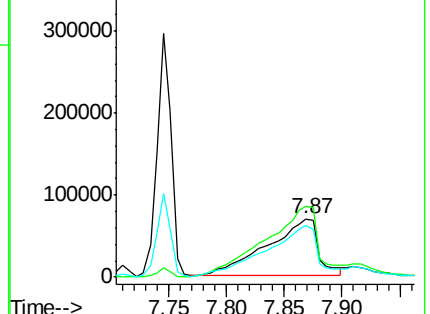
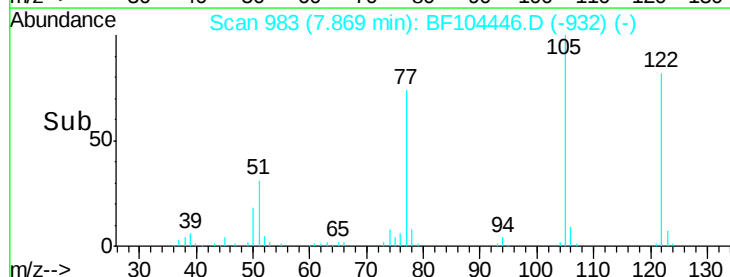
77 89.7 70.7 110.7

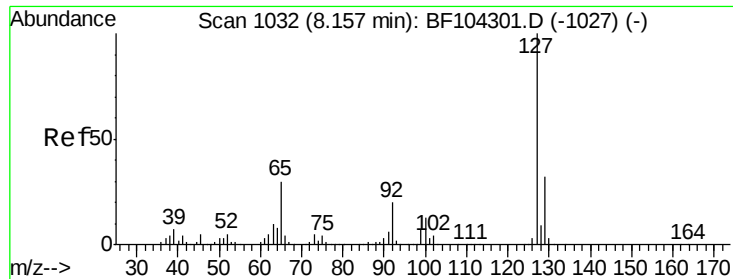


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

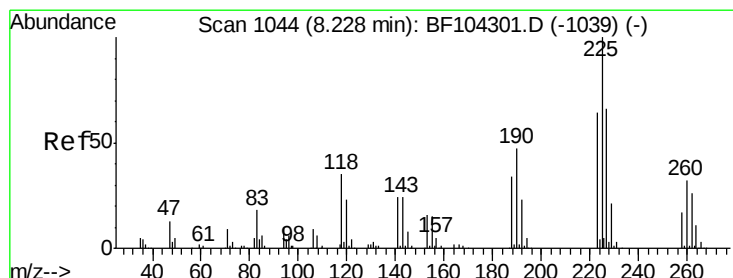
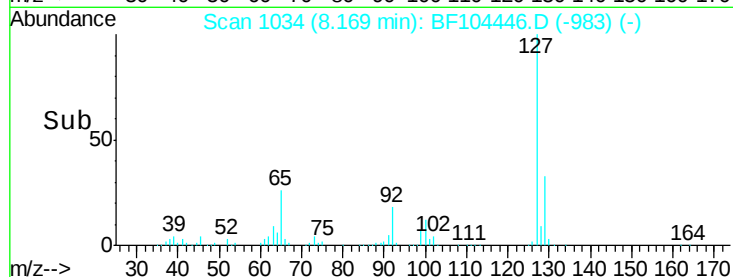
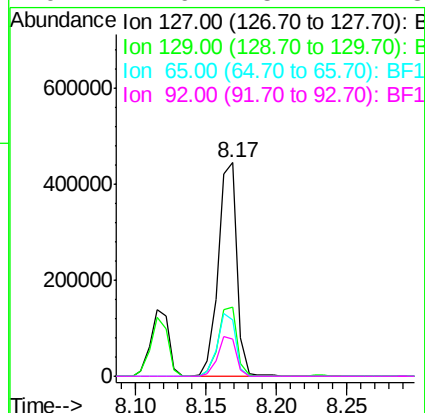
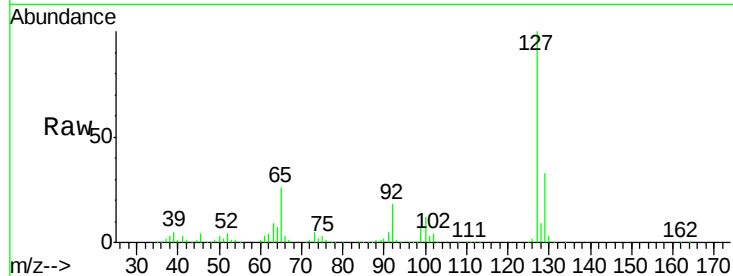




#33
4-Chloroaniline
Concen: 37.859 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

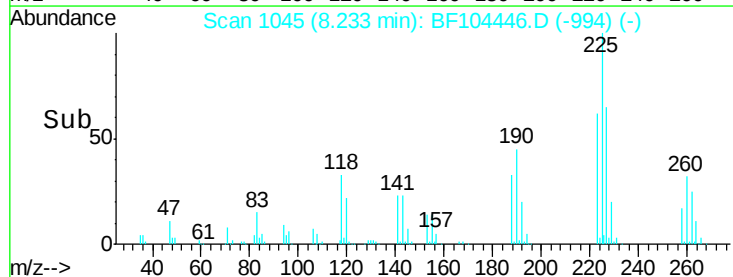
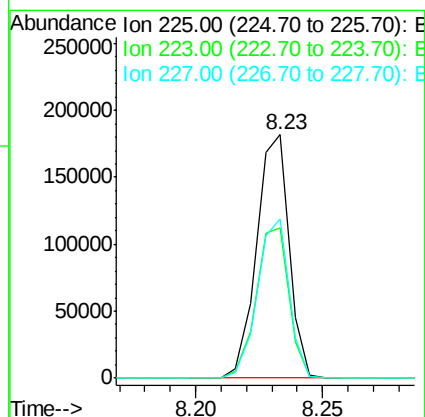
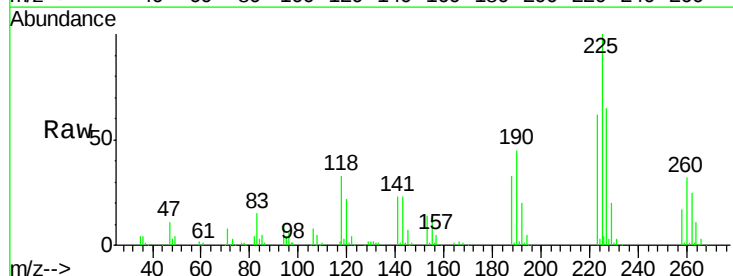
Instrument :
BNA_F
ClientSampleId :

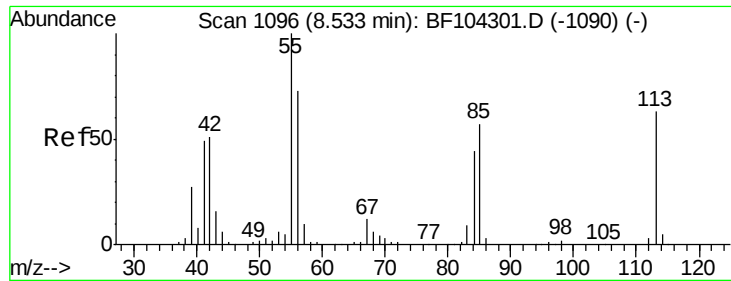
Tot Ion:	127	Resp:	409392
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.5	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.084 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:	225	Resp:	162404
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	65.3	51.9	77.9

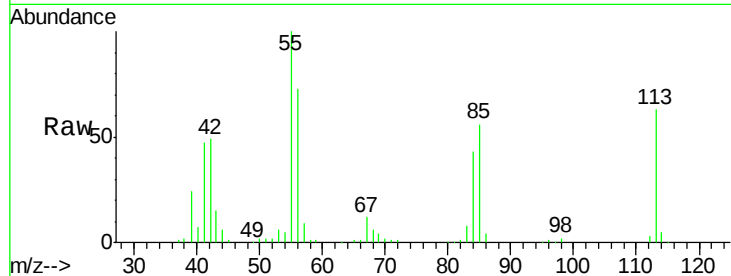




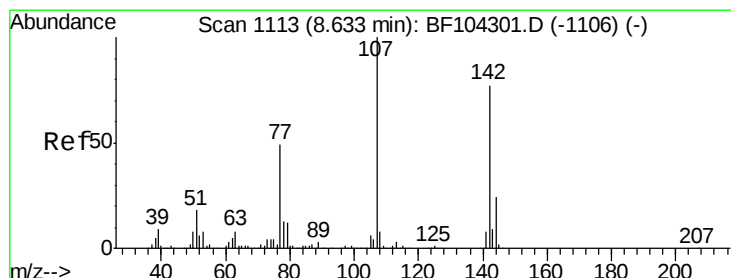
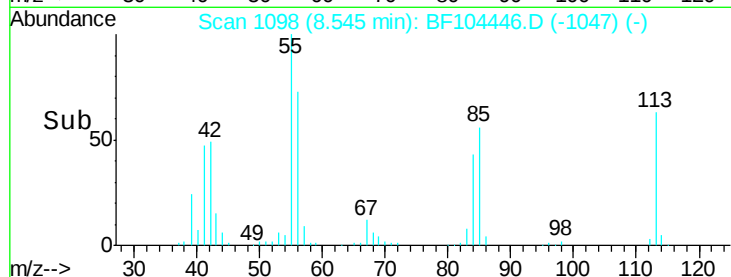
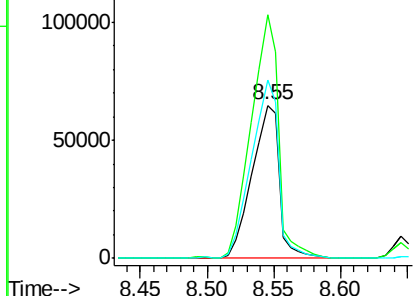
#35
Caprolactam
Concen: 37.924 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 91450
Ion Ratio Lower Upper
113 100
55 158.9 163.3 203.3#
56 116.1 115.7 155.7

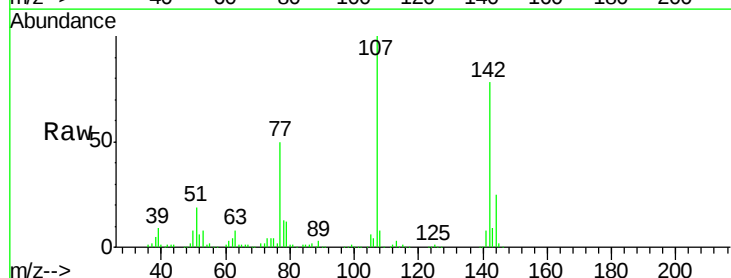


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

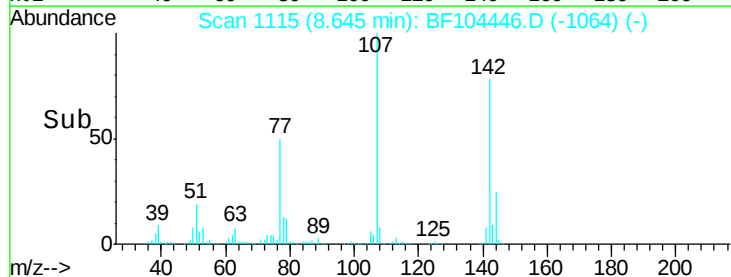
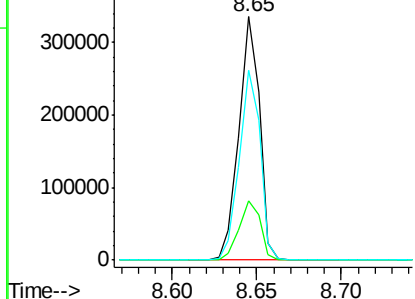


#36
4-Chloro-3-methylphenol
Concen: 38.570 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:107 Resp: 285879
Ion Ratio Lower Upper
107 100
144 24.6 20.5 30.7
142 78.2 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

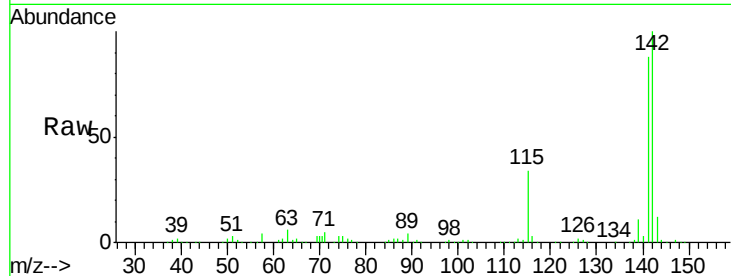




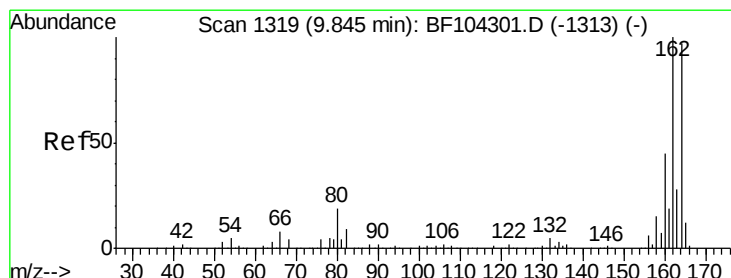
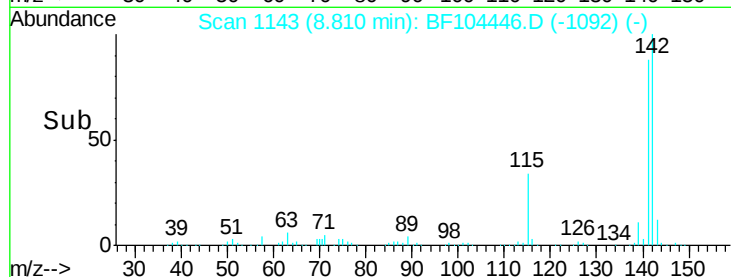
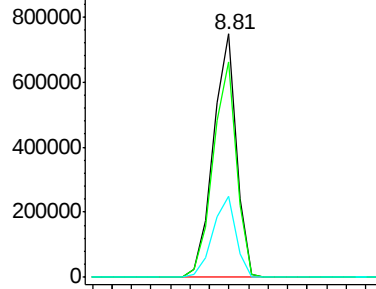
#37
2-Methylnaphthalene
Concen: 37.569 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 613392
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 33.5 26.1 39.1

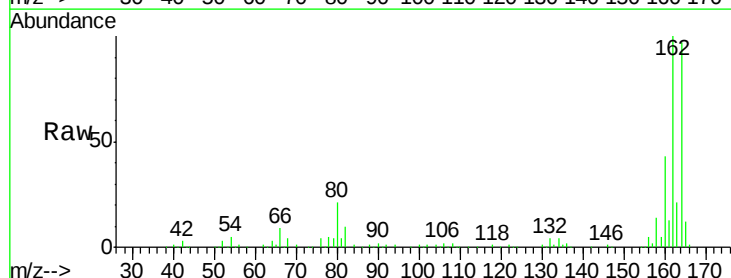


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

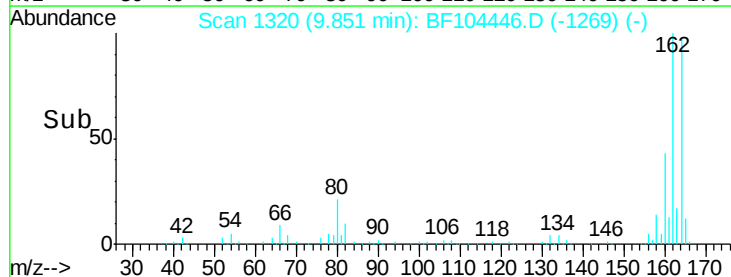
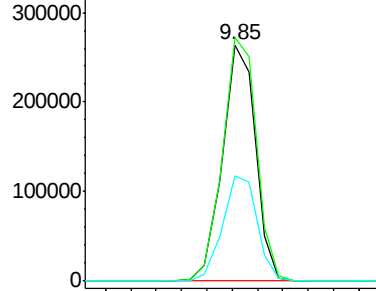


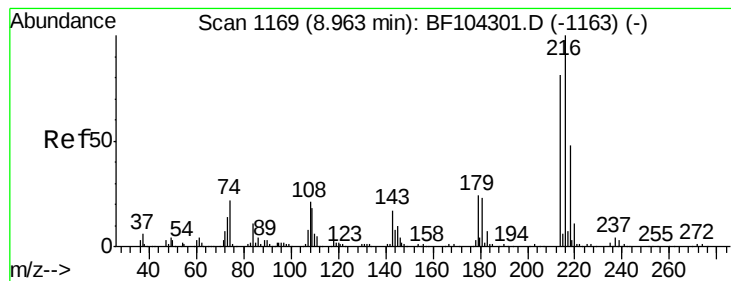
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:164 Resp: 240307
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.8 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: 39.015 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 268380

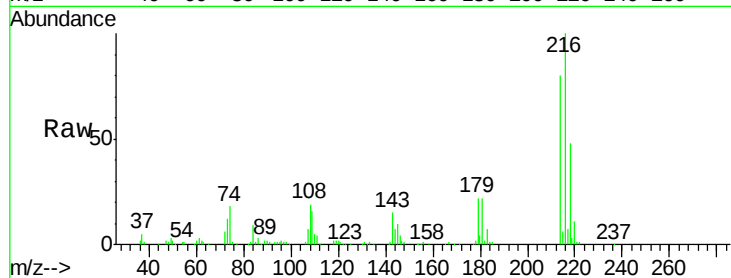
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.2 18.1 27.1

108 20.9 17.2 25.8

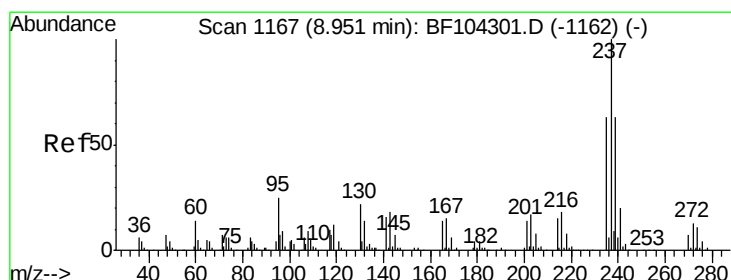
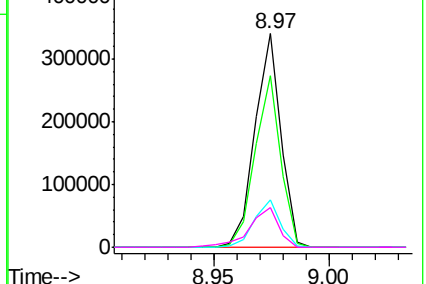
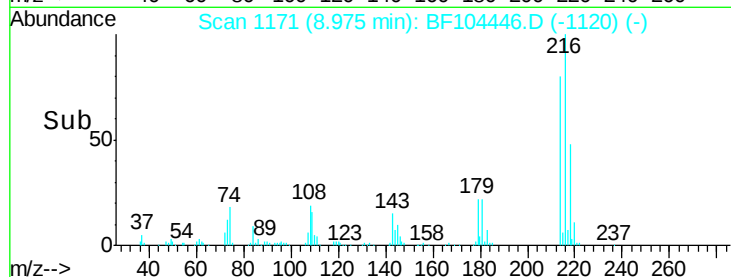


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.742 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

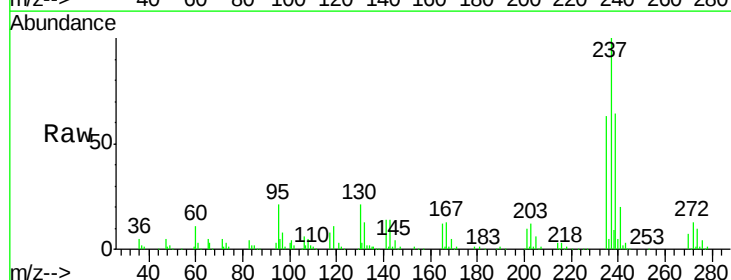
Tgt Ion:237 Resp: 156903

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

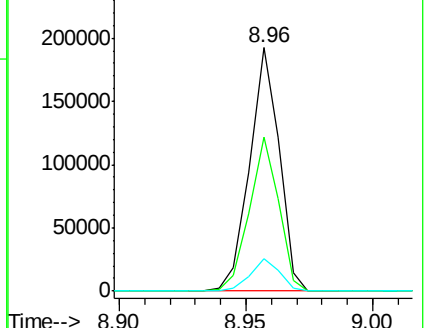
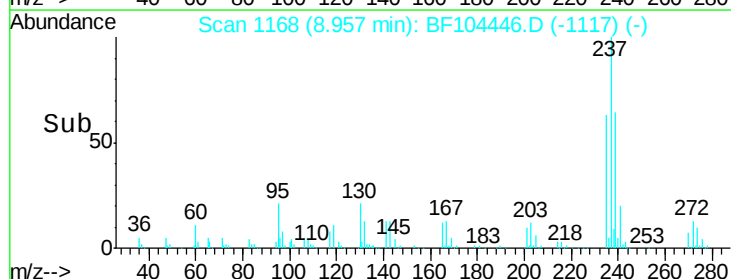
272 13.4 0.0 33.3



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

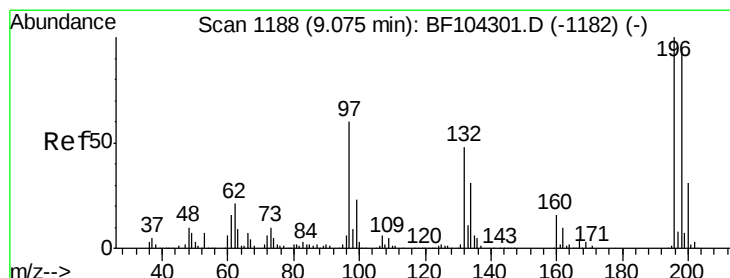
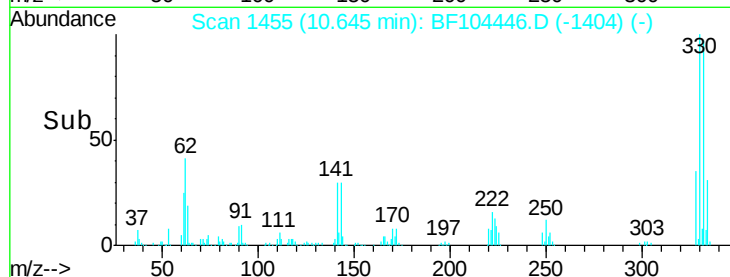
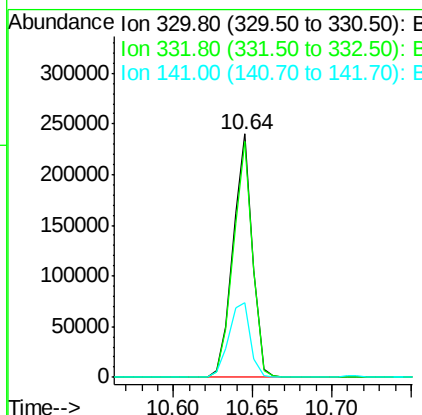
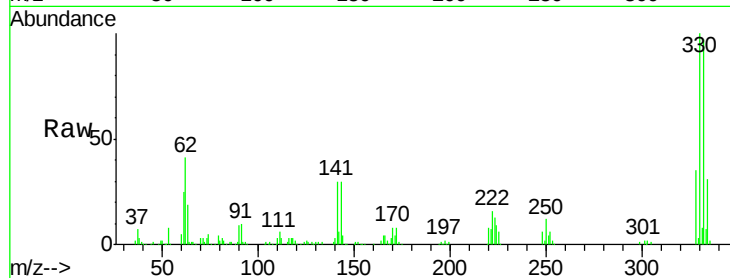




#41
 2,4,6-Tribromophenol
 Concen: 81.579 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

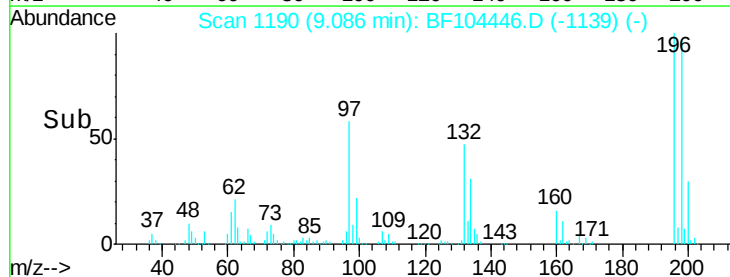
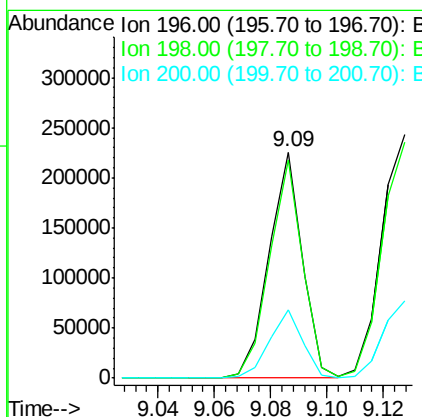
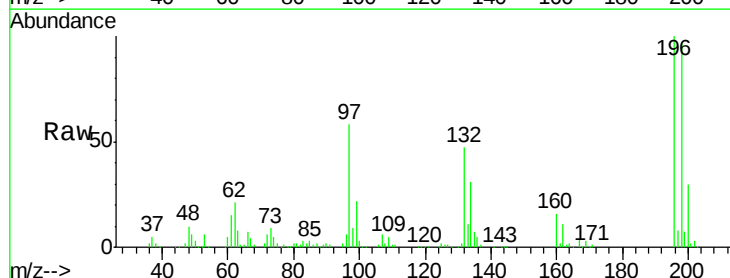
Instrument :
 BNA_F
 ClientSampleId :

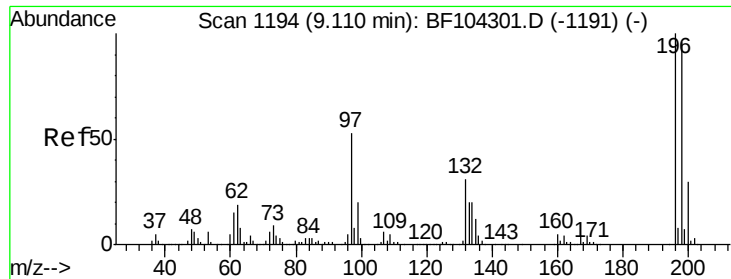
Tot Ion	330	Resp	203357
Ion Ratio	100	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.904 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	196	Resp	185776
Ion Ratio	100	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.4	24.5	36.7

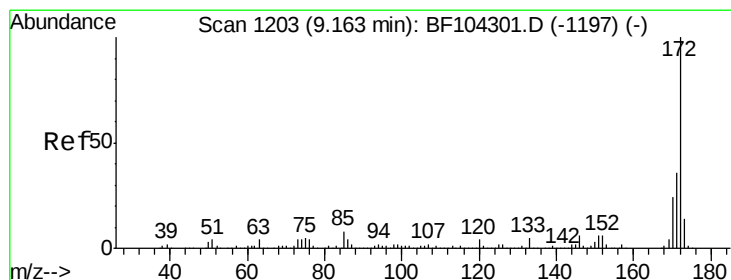
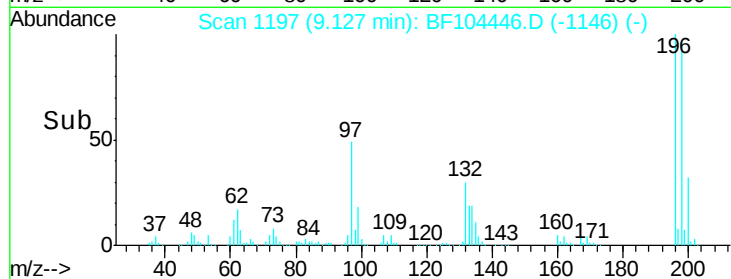
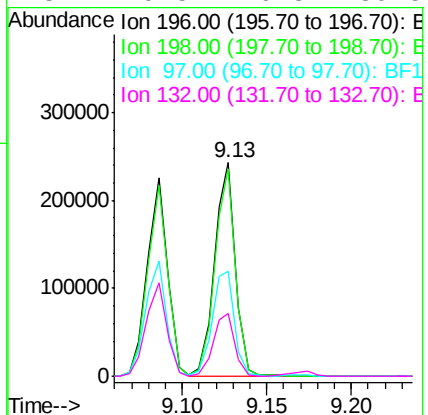
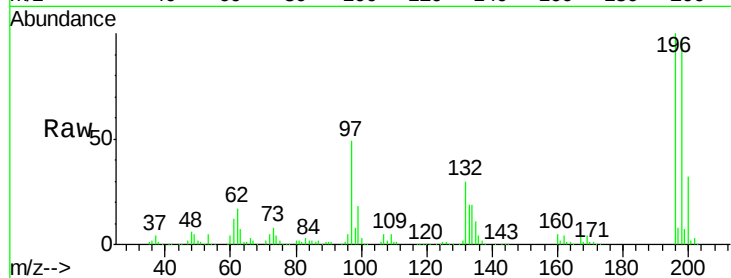




#43
 2,4,5-Trichlorophenol
 Concen: 39.232 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

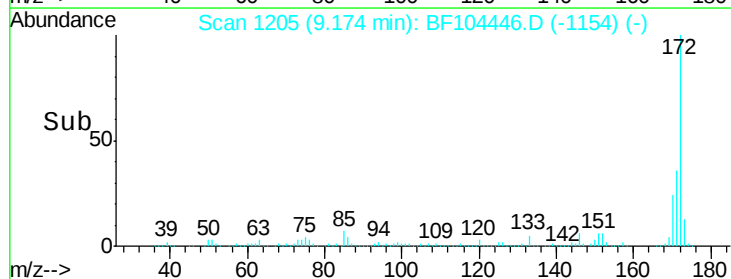
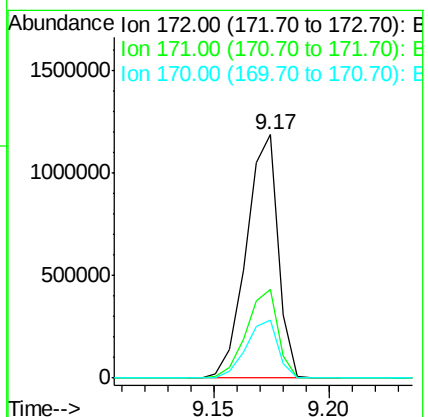
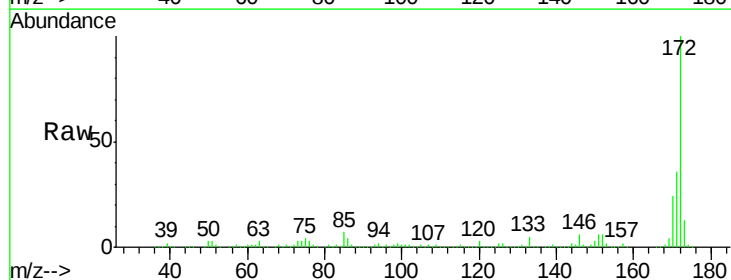
Instrument :
 BNA_F
 ClientSampleId :

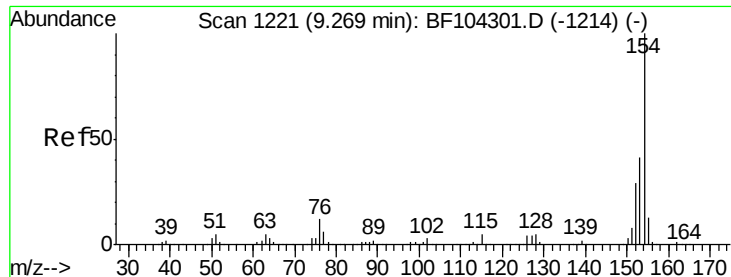
Tot Ion:196	Resp:	209643
Ion Ratio	Lower	Upper
196	100	
198	96.9	74.6 112.0
97	49.2	42.9 64.3
132	29.5	26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 75.316 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:172	Resp:	1145682
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.7 44.5
170	24.1	19.6 29.4





#45

1,1'-Biphenyl

Concen: 37.234 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

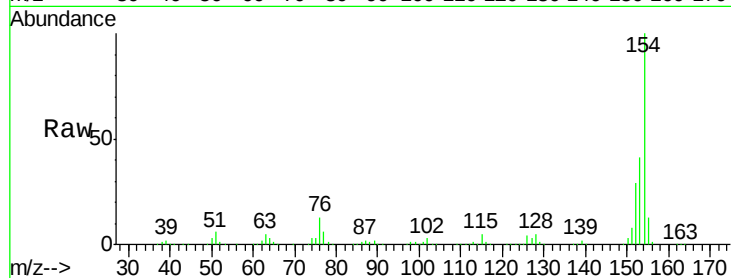
Tot Ion:154 Resp: 751657

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

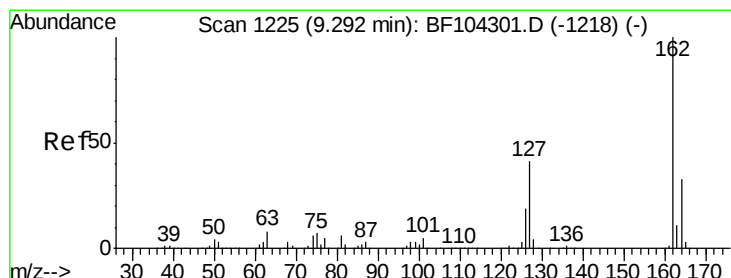
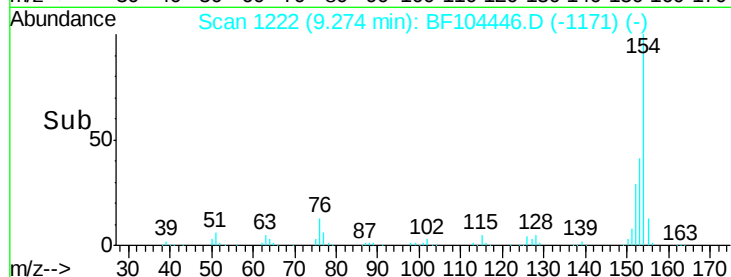
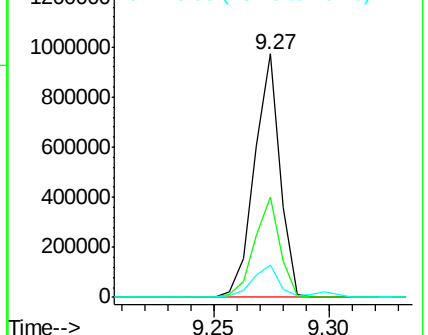
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.823 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

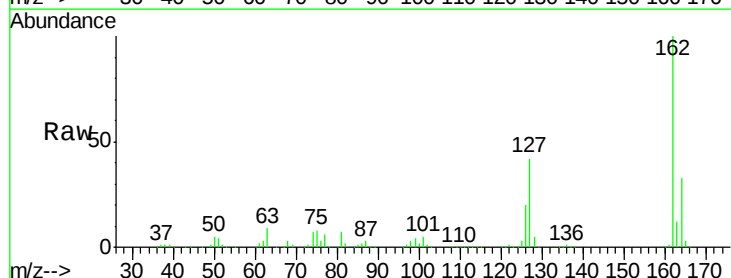
Tgt Ion:162 Resp: 603114

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

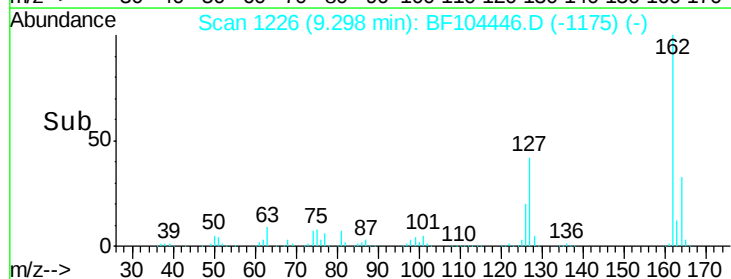
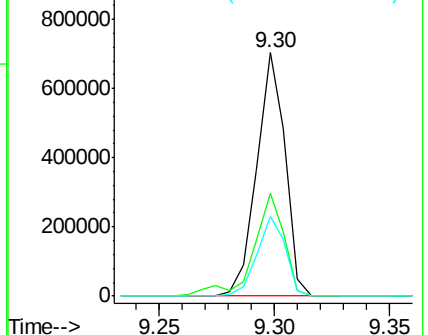
164 32.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

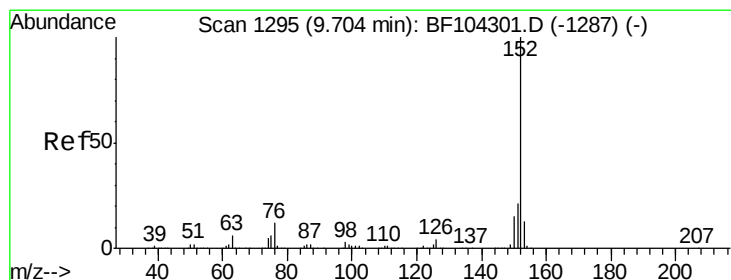
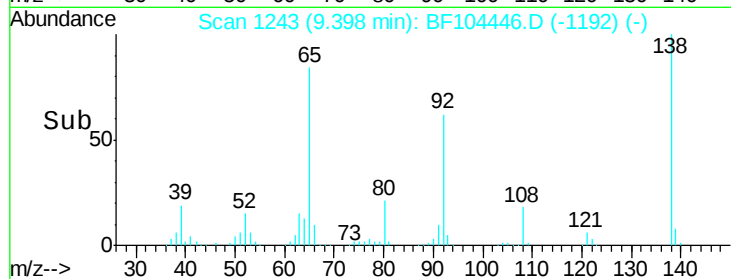
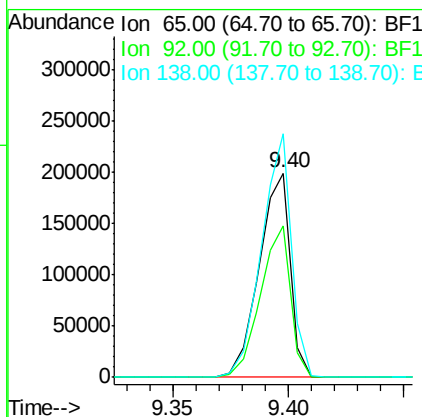
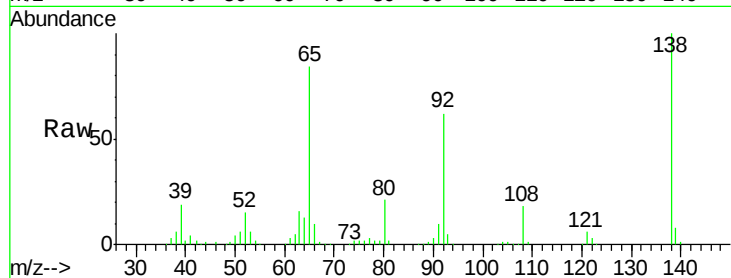




#47
 2-Nitroaniline
 Concen: 47.399 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

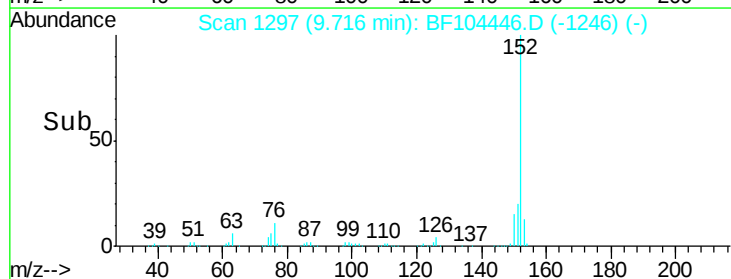
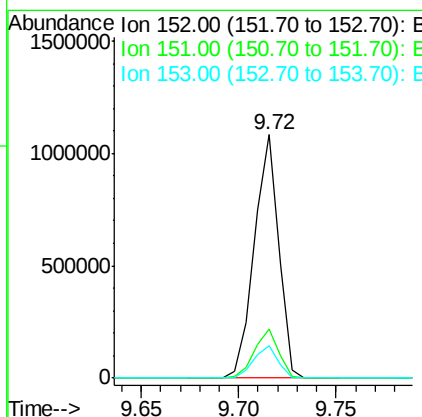
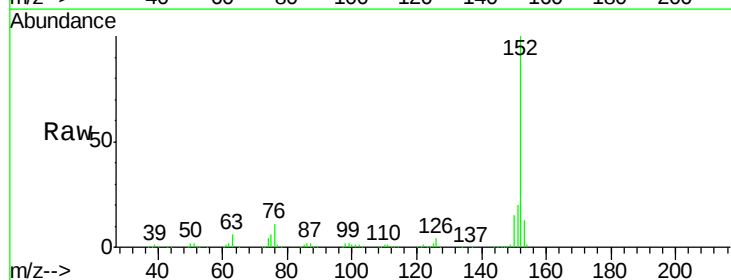
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 186910
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 119.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.492 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:152 Resp: 937983
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.5 10.7 16.1

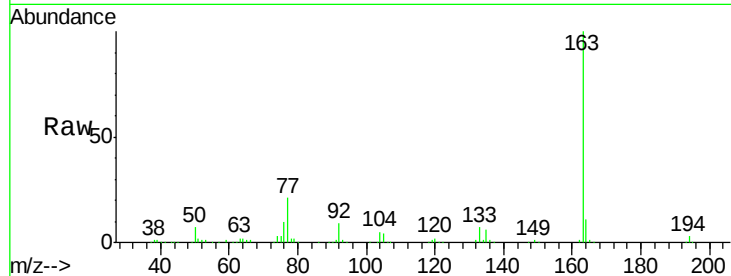




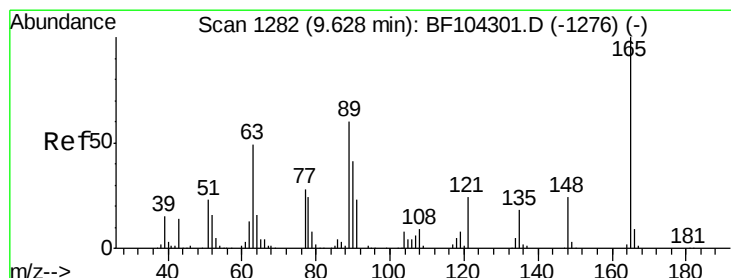
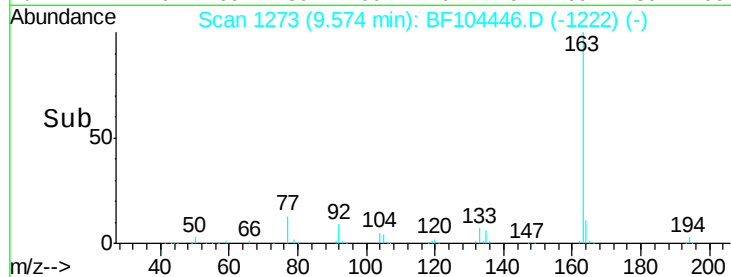
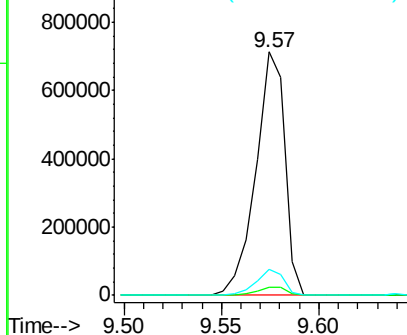
#49
Dimethylphthalate
Concen: 38.886 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 736884
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

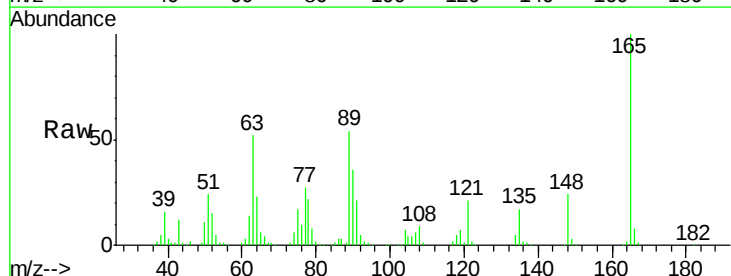


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

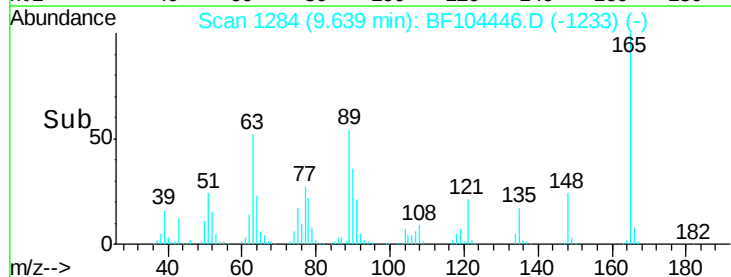
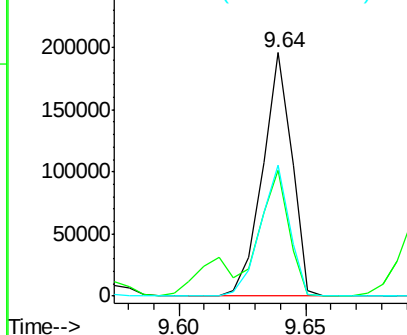


#50
2,6-Dinitrotoluene
Concen: 45.338 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:165 Resp: 158977
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 54.1 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: 36.037 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

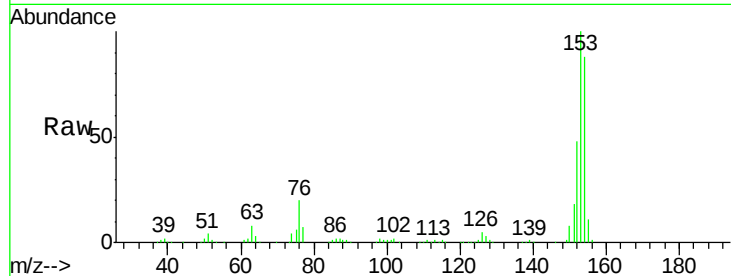
Tot Ion:154 Resp: 550086

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

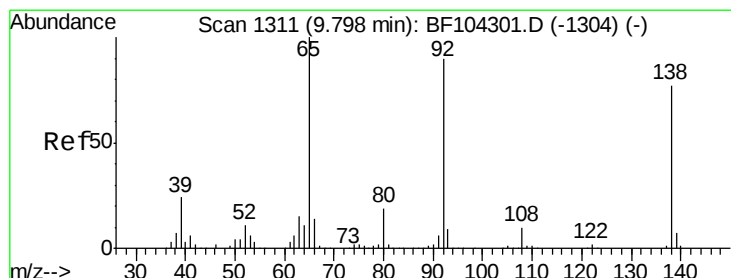
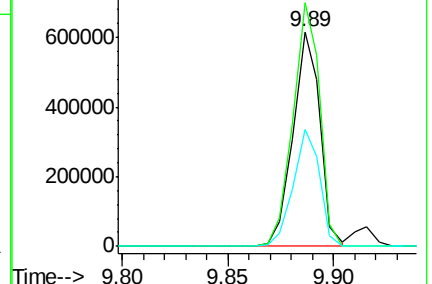
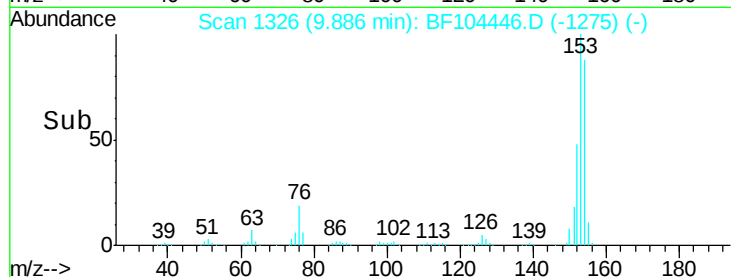
152 54.2 43.8 65.8



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: 45.464 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

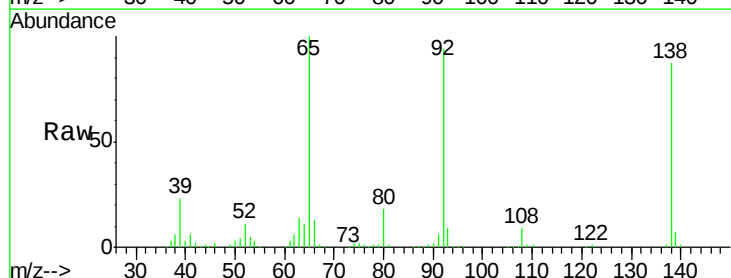
Tgt Ion:138 Resp: 186631

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

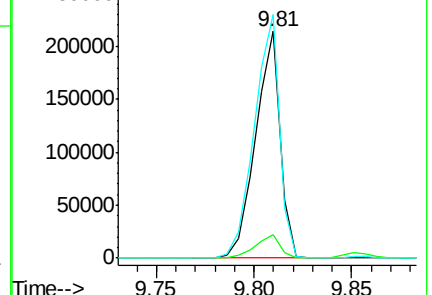
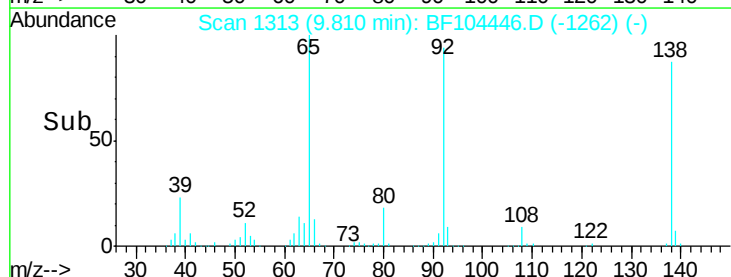
92 107.3 89.4 134.2

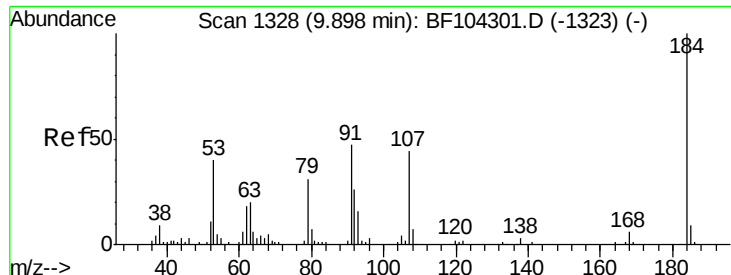


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

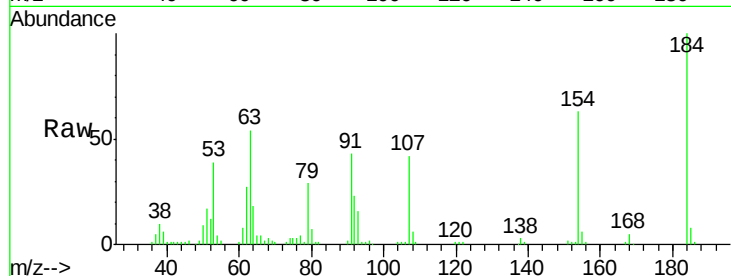




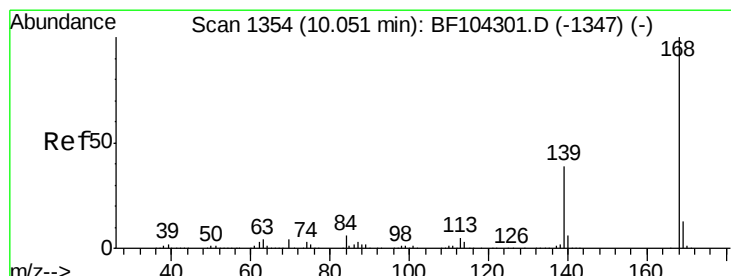
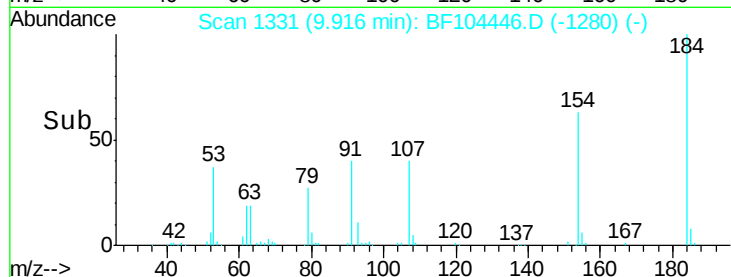
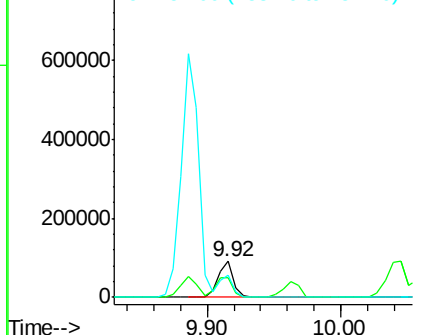
#53
 2,4-Dinitrophenol
 Concen: 58.904 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 74252
 Ion Ratio Lower Upper
 184 100
 63 54.2 54.2 81.2
 154 63.1 184.0 276.0#

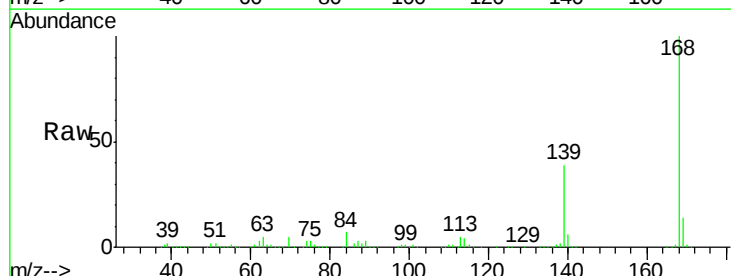


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

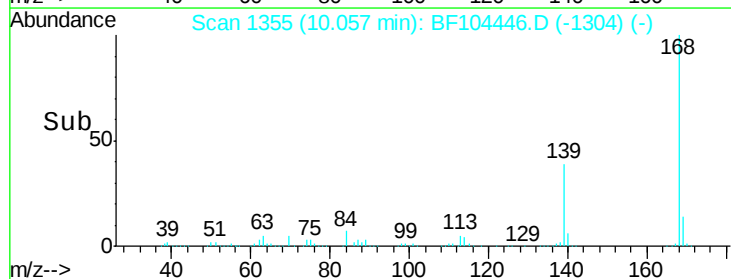
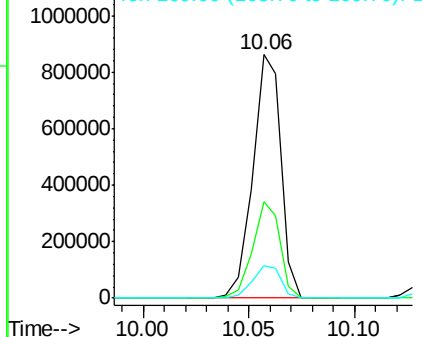


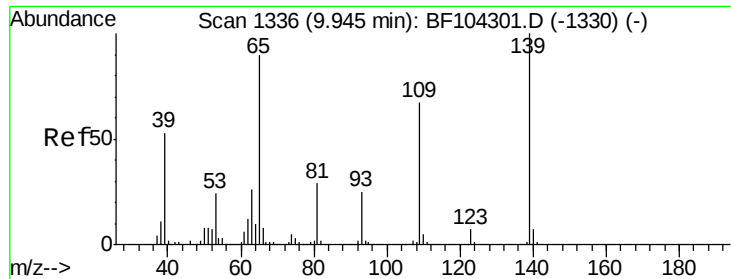
#54
 Dibenzofuran
 Concen: 37.490 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:168 Resp: 797501
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.6 10.9 16.3



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

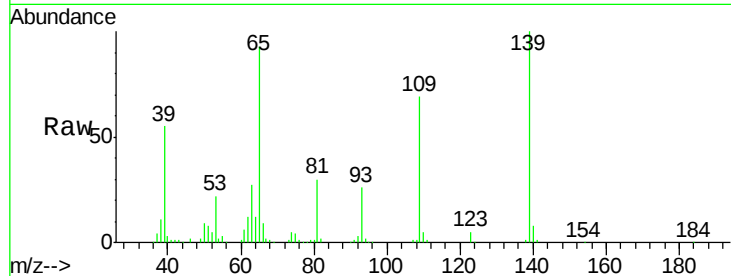




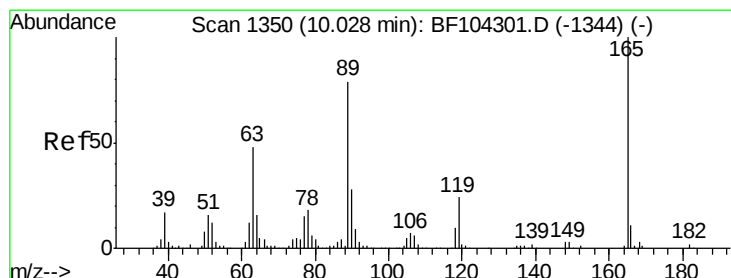
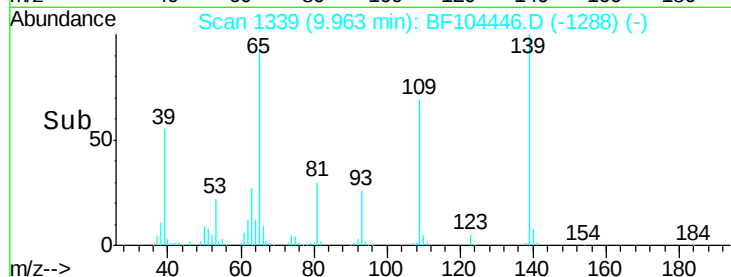
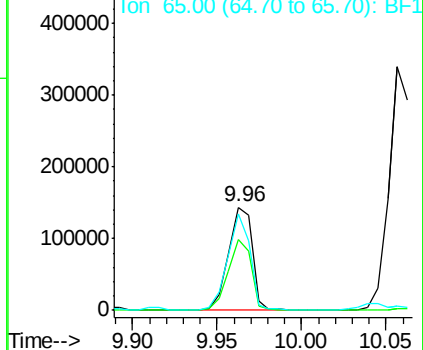
#55
4-Nitrophenol
Concen: 43.710 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 140950
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 93.2 72.6 112.6

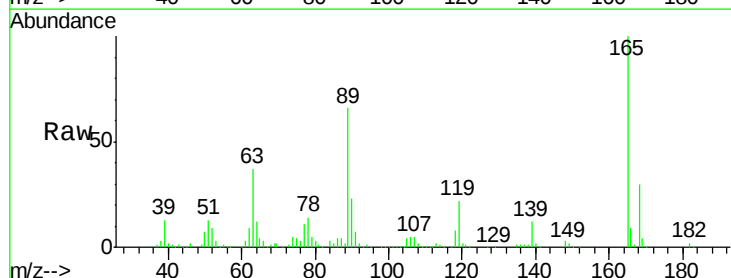


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

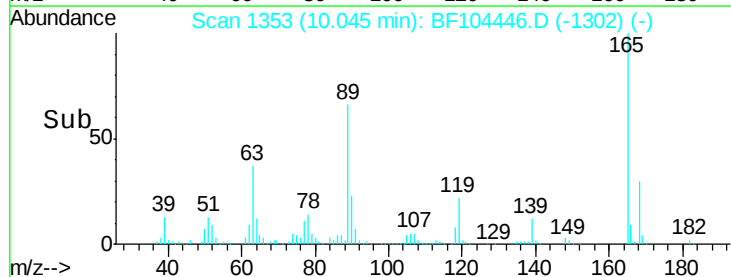
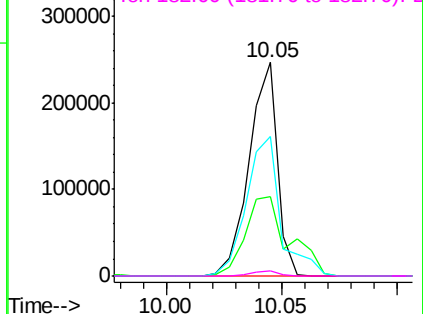


#56
2,4-Dinitrotoluene
Concen: 45.928 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:165 Resp: 211246
Ion Ratio Lower Upper
165 100
63 37.3 36.4 54.6
89 65.6 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

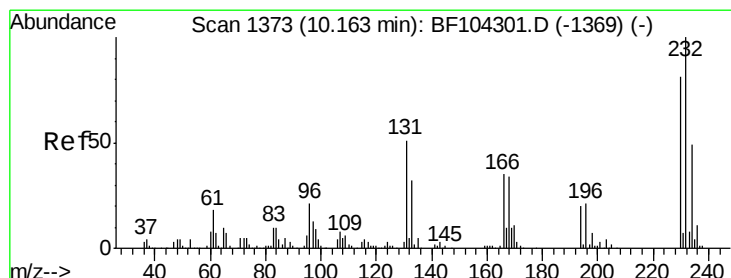
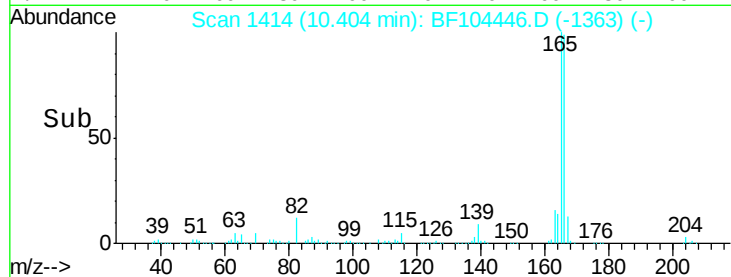
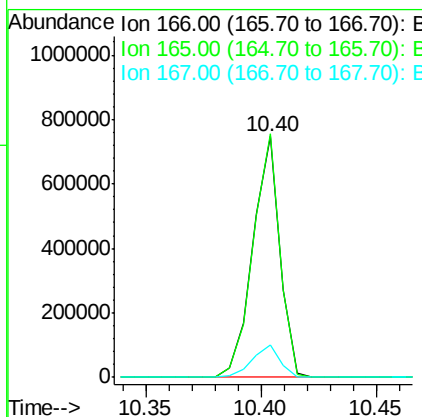
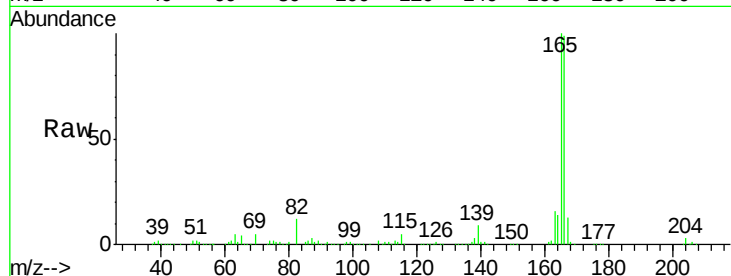




#57
 Fluorene
 Concen: 39.586 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

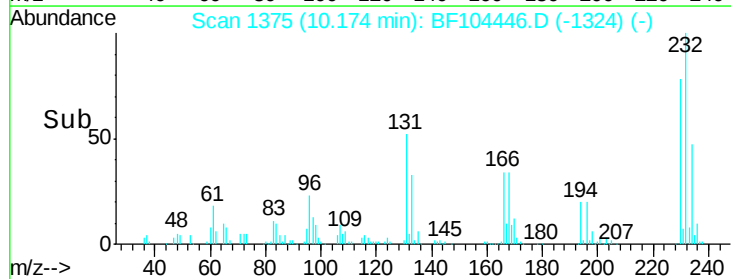
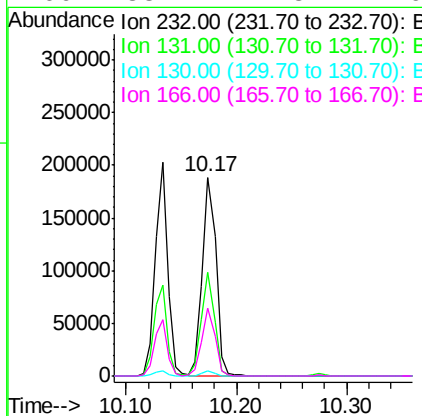
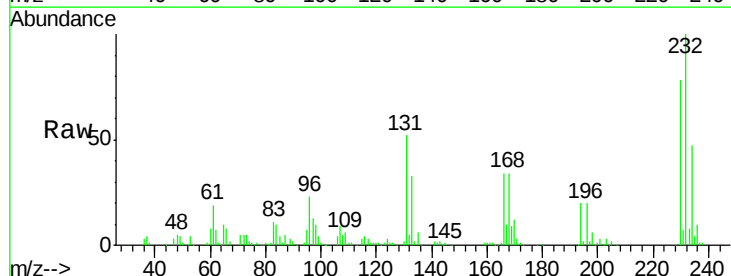
Instrument :
 BNA_F
 ClientSampleId :

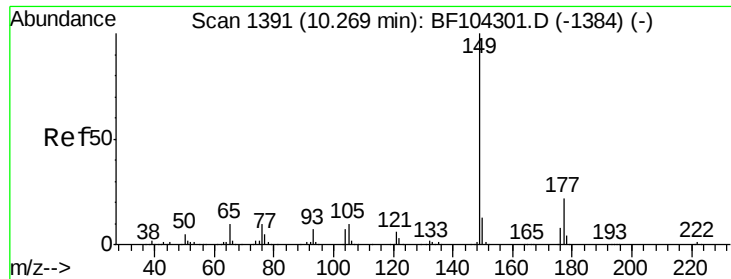
Tot Ion:166 Resp: 612944
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.606 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:232 Resp: 157896
 Ion Ratio Lower Upper
 232 100
 131 49.8 43.8 65.8
 130 2.3 2.1 3.1
 166 33.1 27.8 41.6

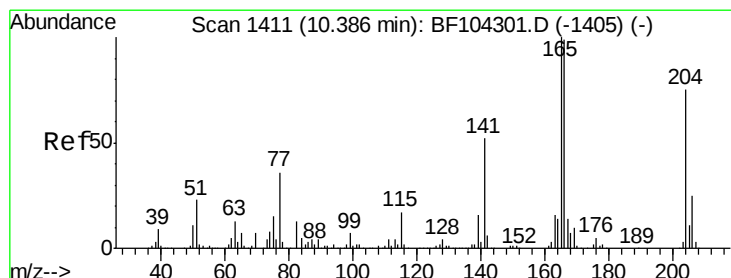
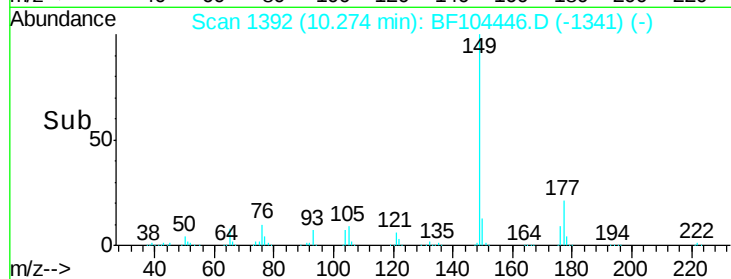
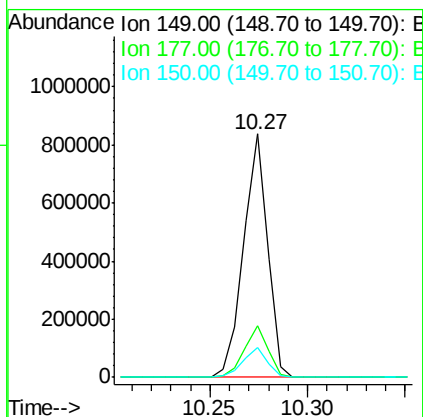
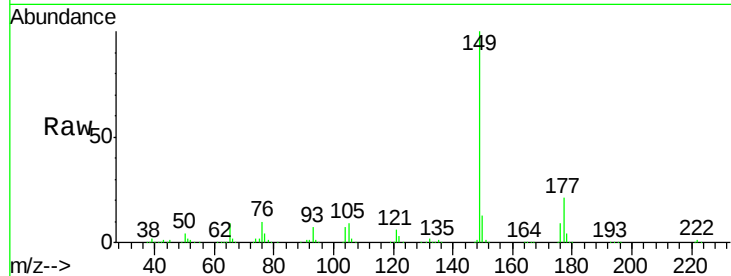




#59
Diethylphthalate
Concen: 37.891 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

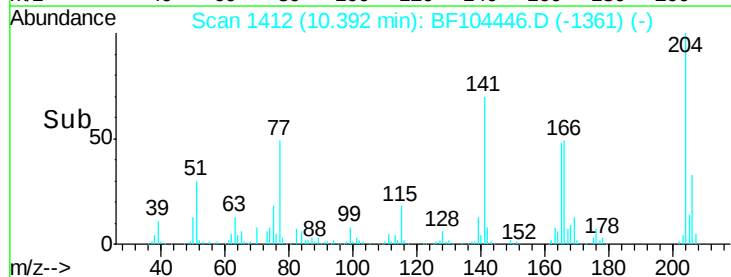
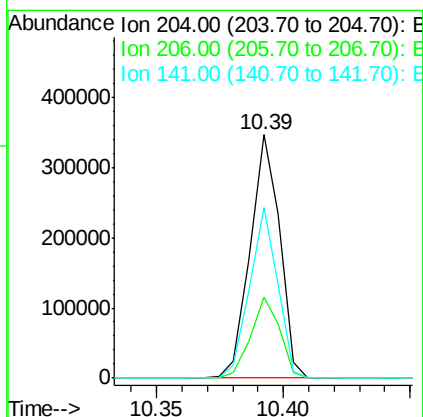
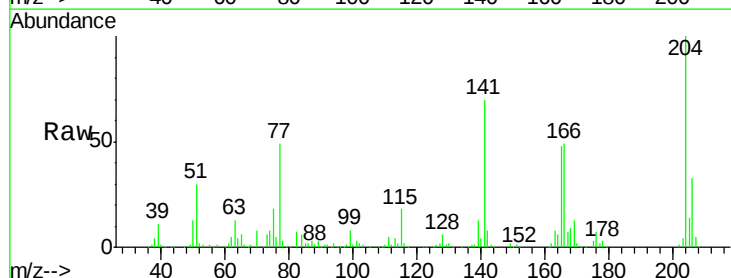
Instrument :
BNA_F
ClientSampled :

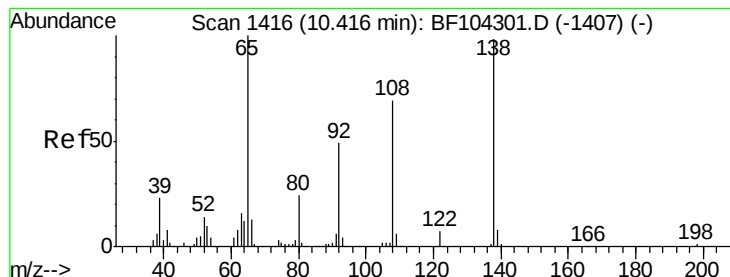
Tot Ion:149 Resp: 715108
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.714 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:204 Resp: 280750
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 70.1 54.6 81.8





#61

4-Nitroaniline

Concen: 46.879 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

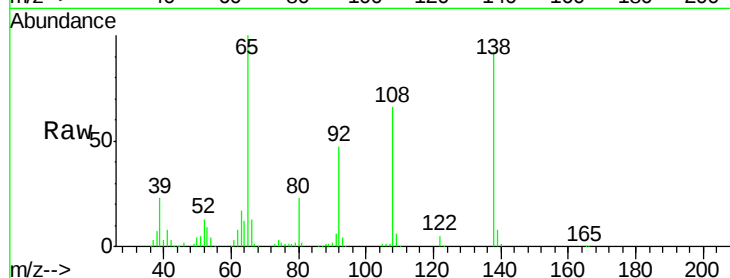
Tot Ion:138 Resp: 188163

Ion Ratio Lower Upper

138 100

92 51.6 30.2 70.2

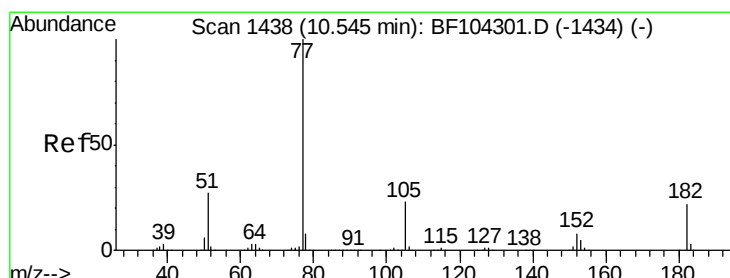
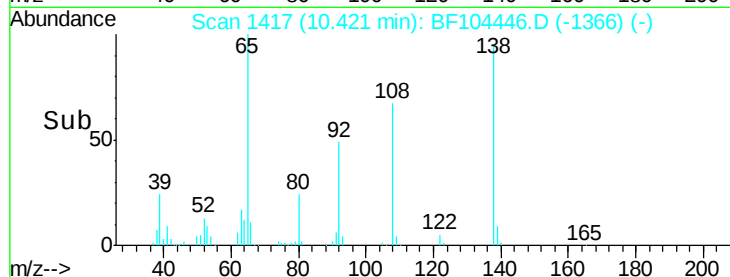
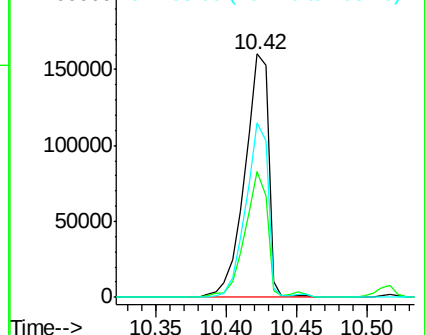
108 71.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.562 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Tgt Ion: 77 Resp: 659251

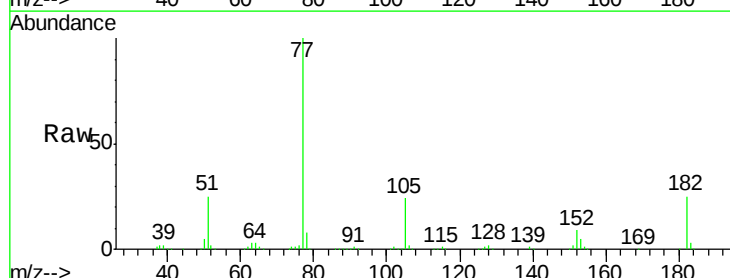
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 23.9 3.0 43.0

51 25.3 9.9 49.9

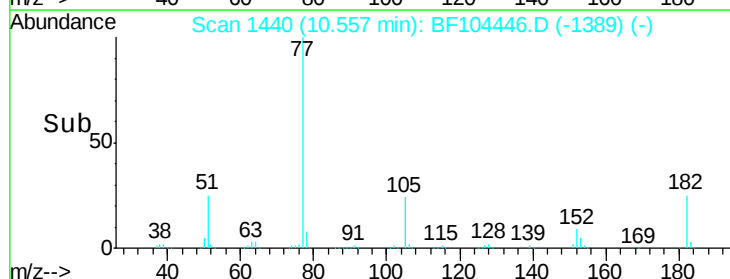
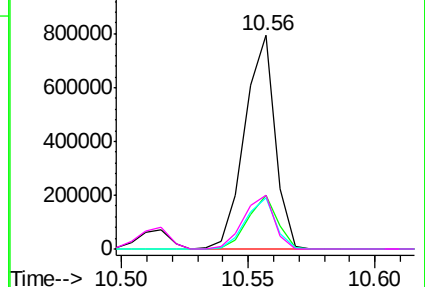


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

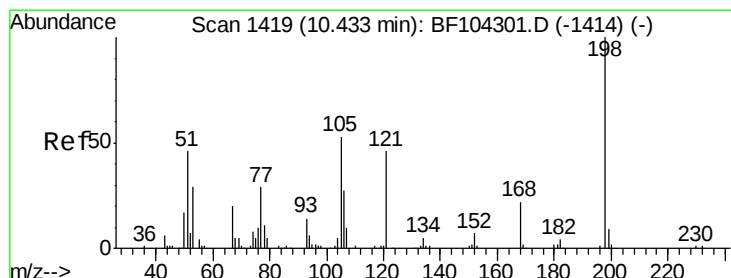
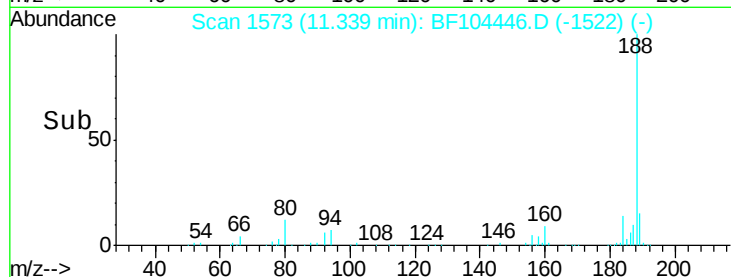
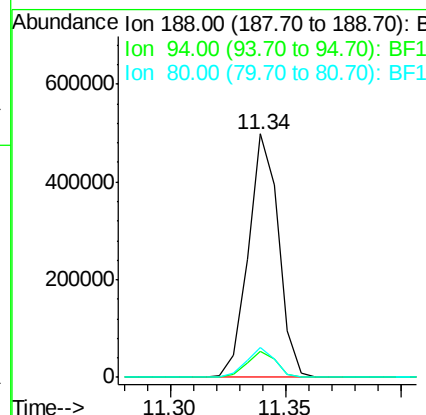
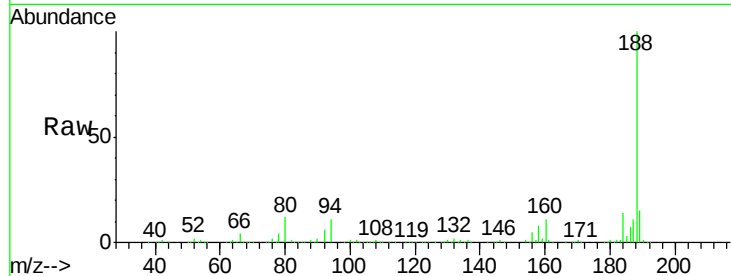




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

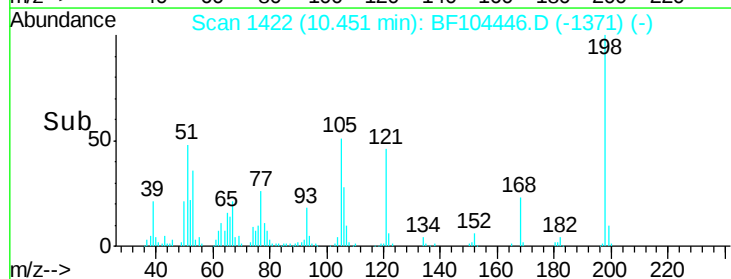
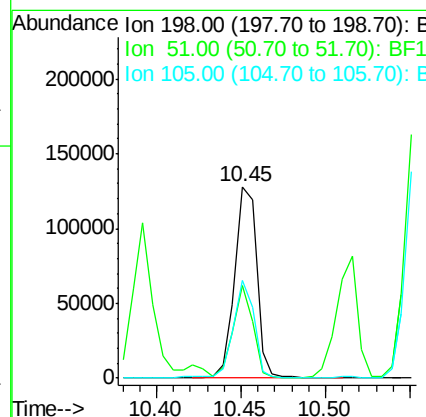
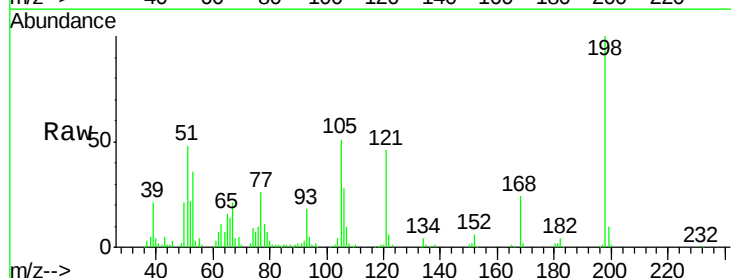
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 454356
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.856 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:198 Resp: 116289
Ion Ratio Lower Upper
198 100
51 48.2 37.7 77.7
105 50.8 36.3 76.3

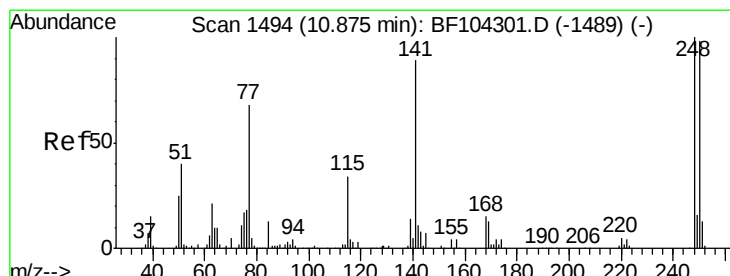
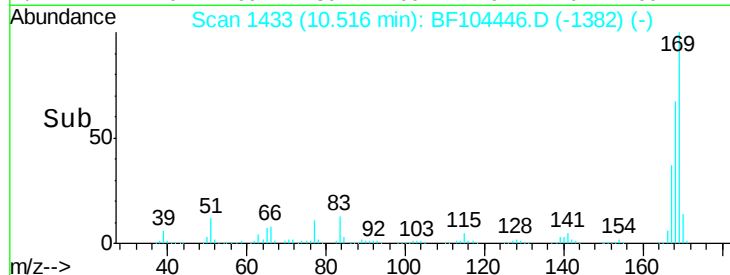
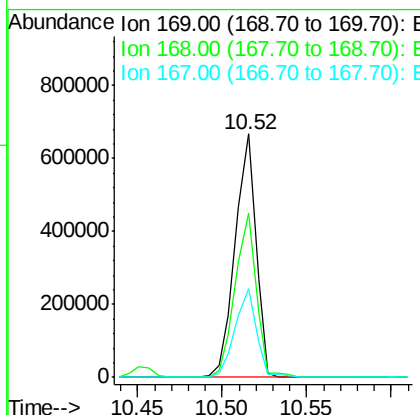
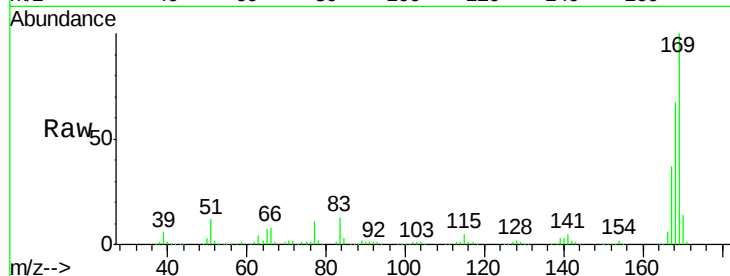




#65
 n-Nitrosodiphenylamine
 Concen: 36.452 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

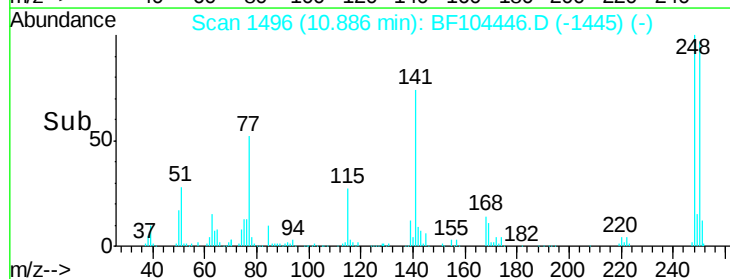
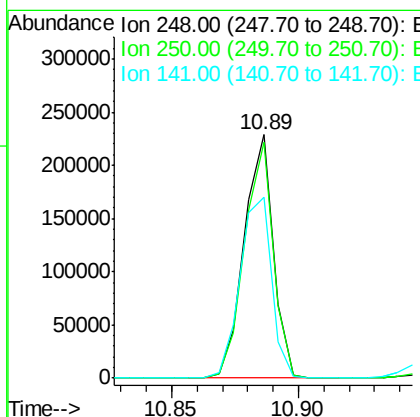
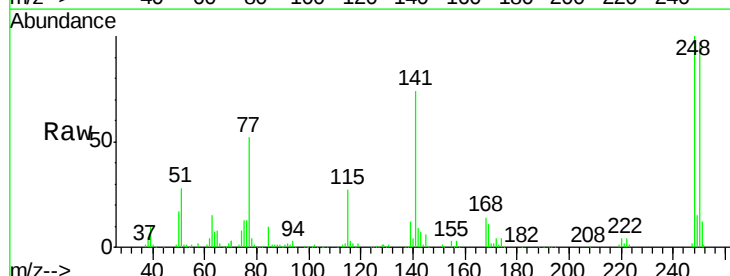
Instrument :
 BNA_F
 ClientSampleId :

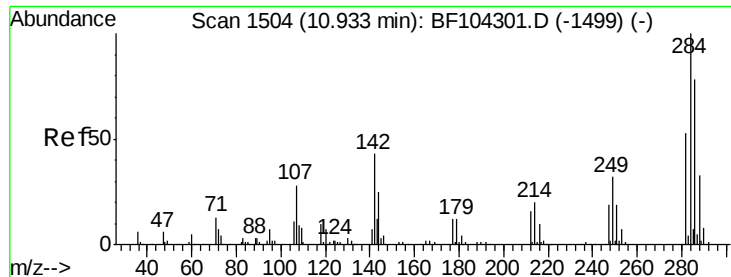
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.866 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	74.4	74.4	111.6#

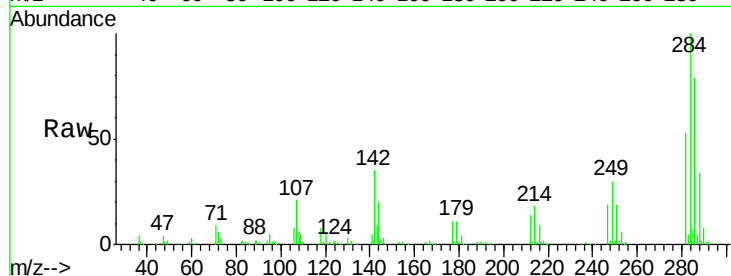




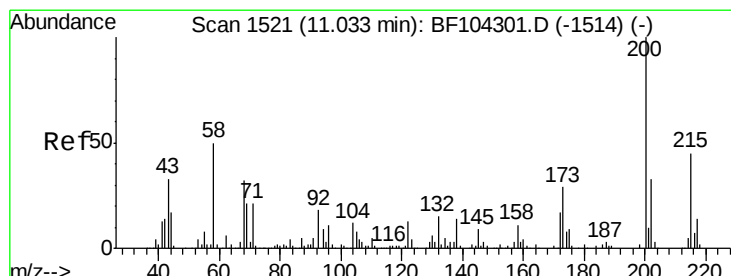
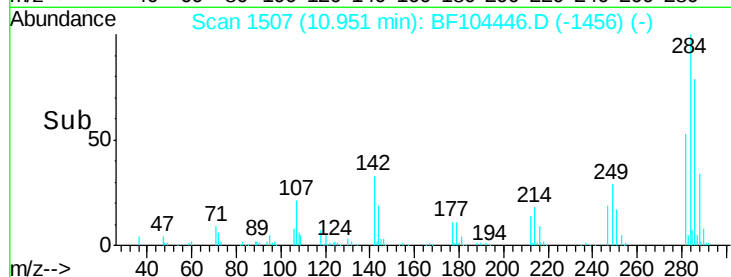
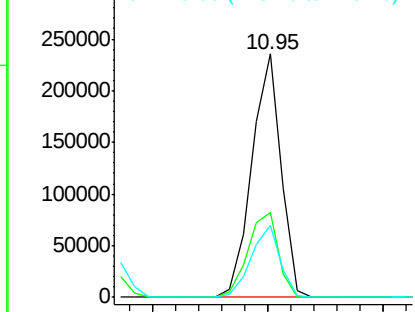
#67
Hexachlorobenzene
Concen: 38.165 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 207540
Ion Ratio Lower Upper
284 100
142 34.7 34.6 52.0
249 29.5 24.8 37.2

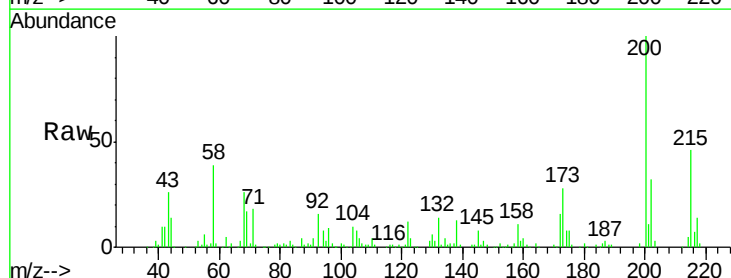


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

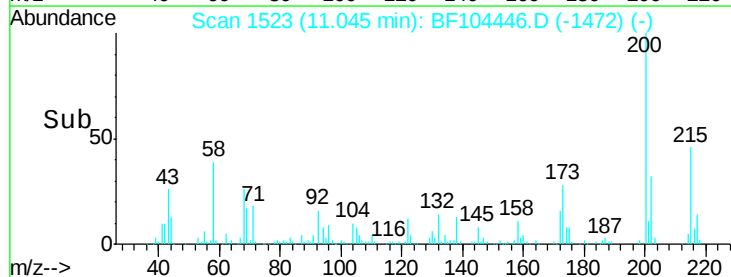
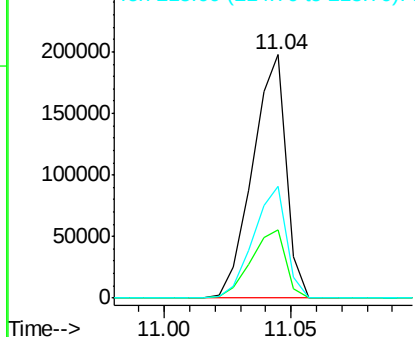


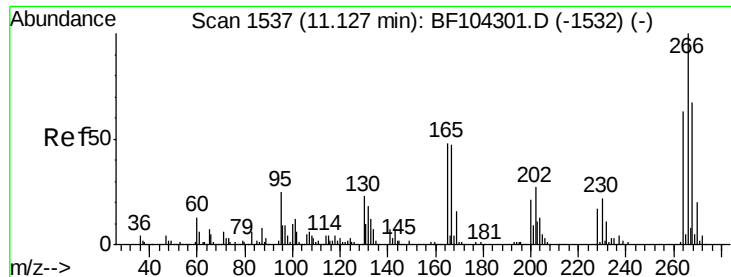
#68
Atrazine
Concen: 38.265 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:200 Resp: 181959
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.8 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: 38.415 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampled :

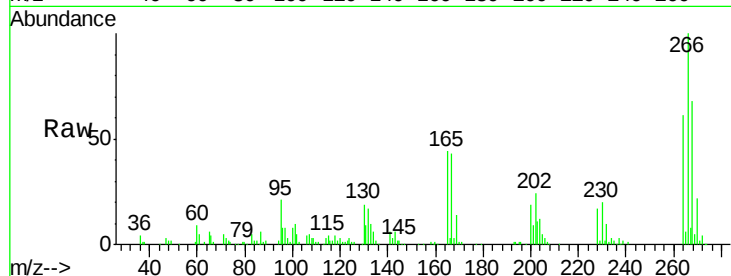
Tot Ion:266 Resp: 129237

Ion Ratio Lower Upper

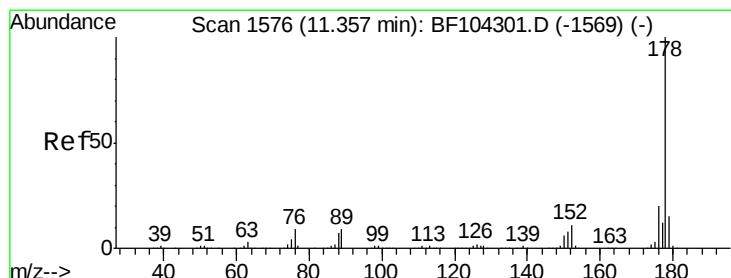
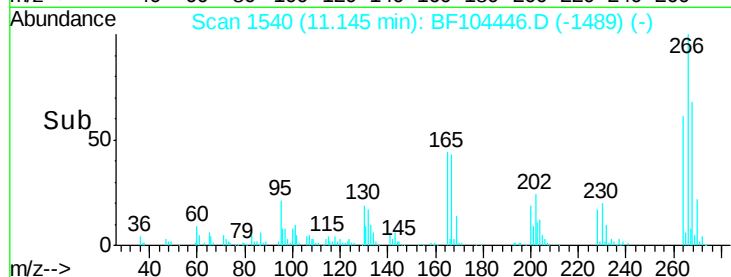
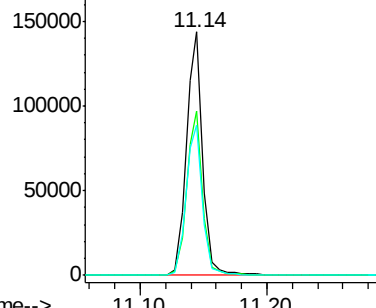
266 100

268 67.6 51.1 76.7

264 61.4 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: 36.612 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

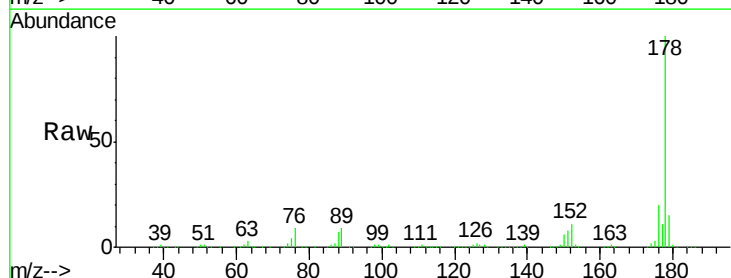
Tgt Ion:178 Resp: 926374

Ion Ratio Lower Upper

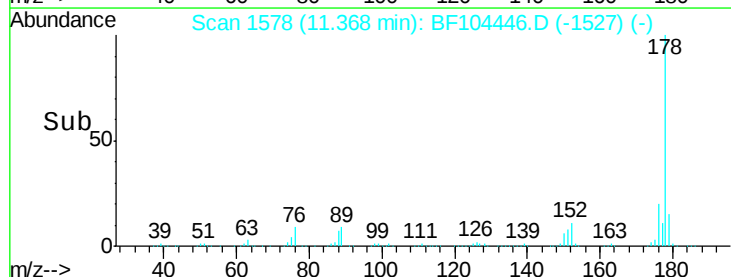
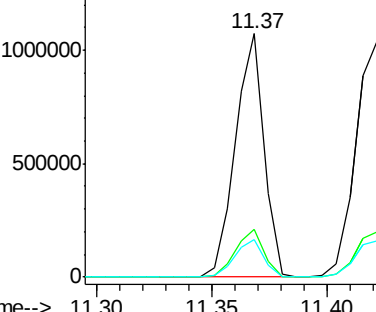
178 100

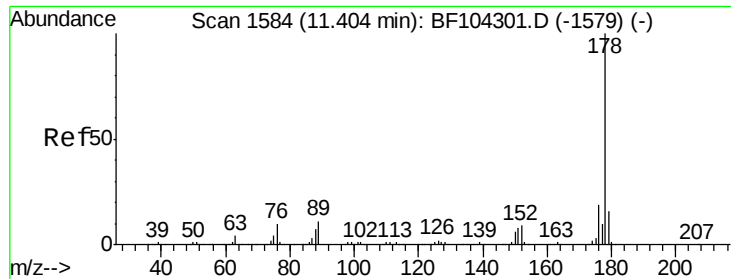
176 19.7 15.8 23.8

179 15.4 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

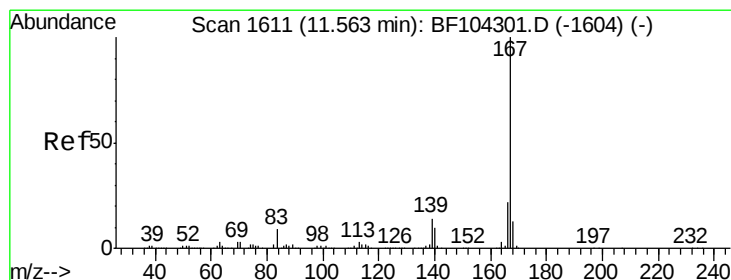
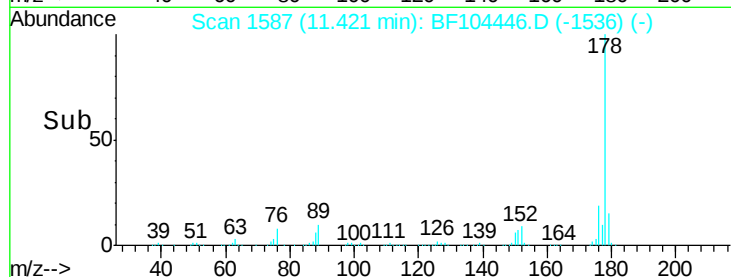
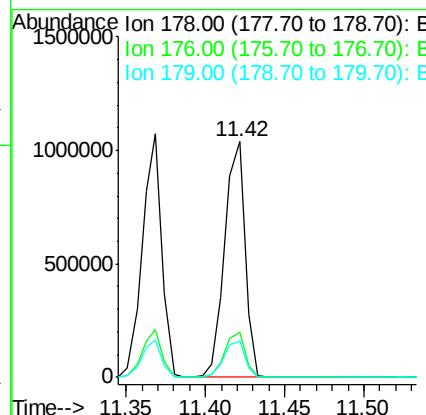
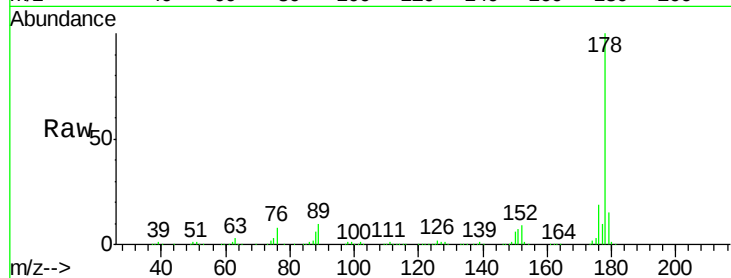




#71
 Anthracene
 Concen: 36.179 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

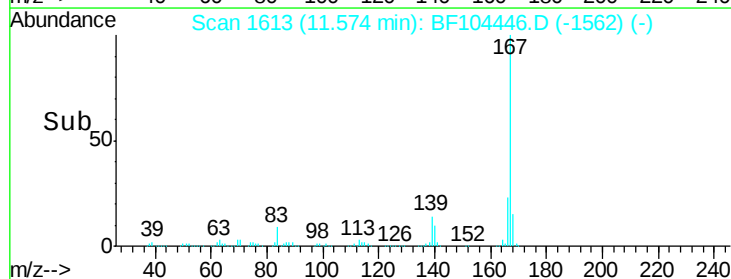
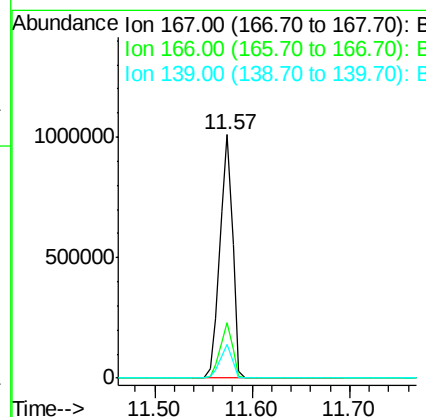
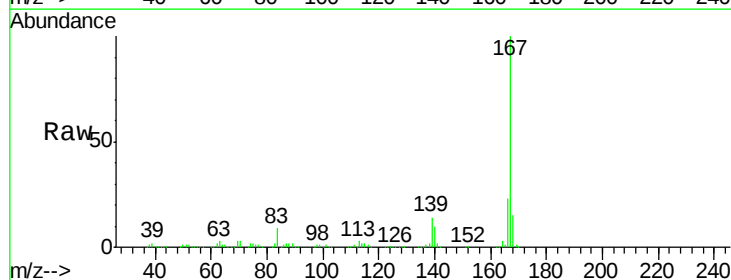
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0



#72
 Carbazole
 Concen: 36.382 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.292 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

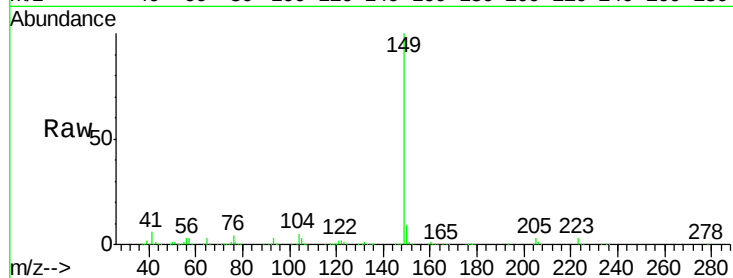
Tot Ion:149 Resp: 1144924

Ion Ratio Lower Upper

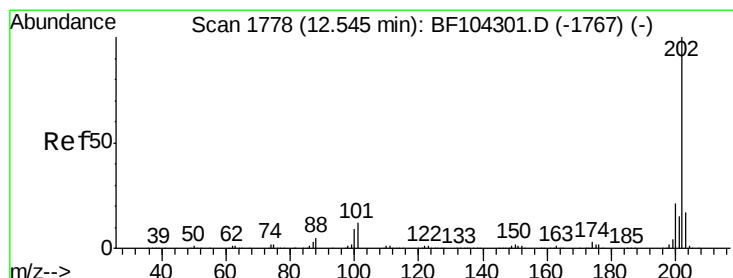
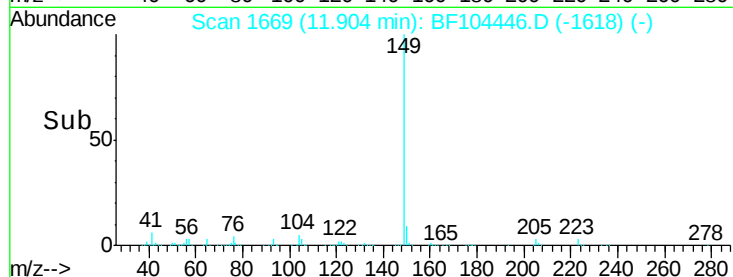
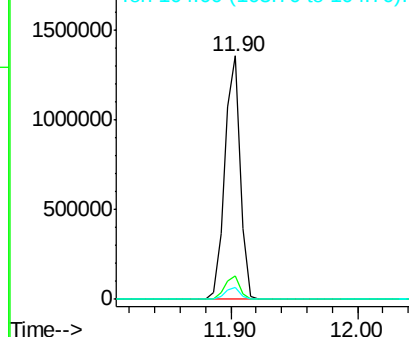
149 100

150 9.4 7.8 11.6

104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.213 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

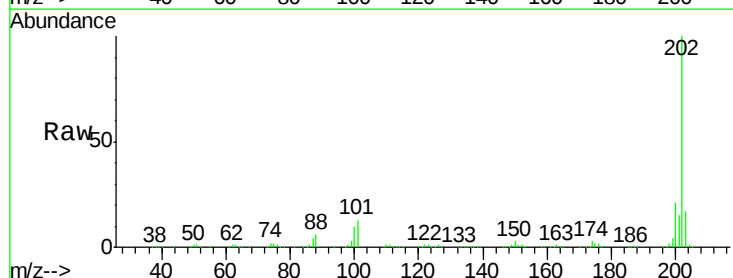
Tgt Ion:202 Resp: 983789

Ion Ratio Lower Upper

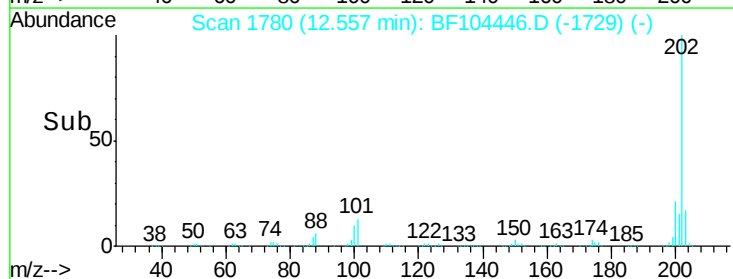
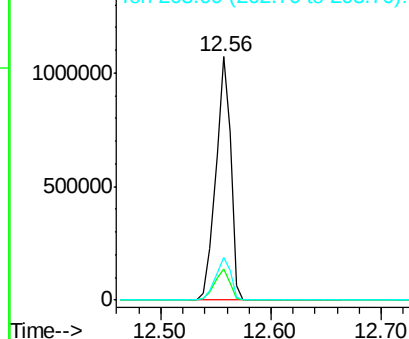
202 100

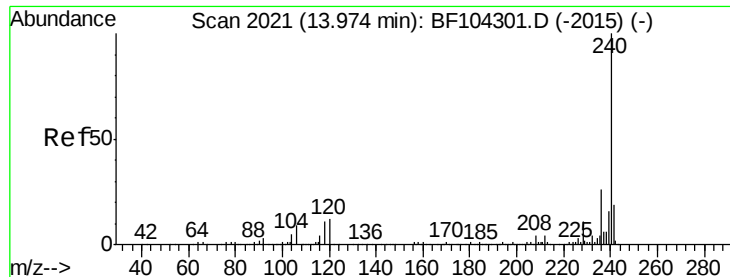
101 13.0 0.0 34.1

203 17.5 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: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

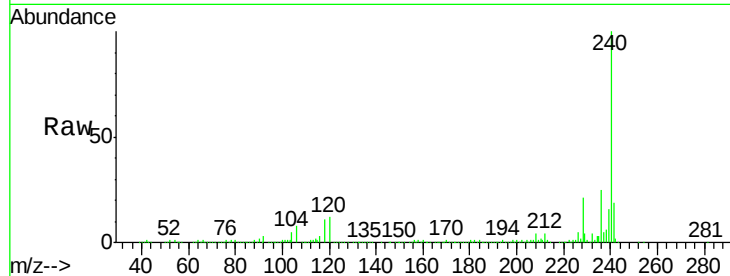
Tot Ion:240 Resp: 370040

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

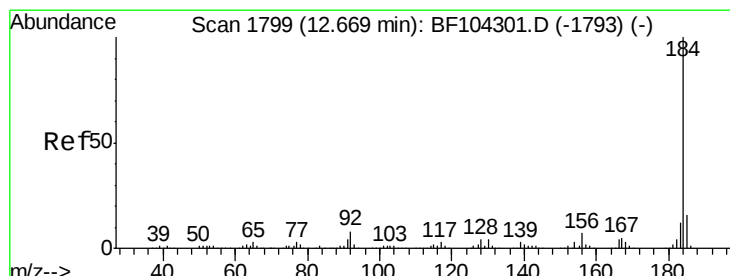
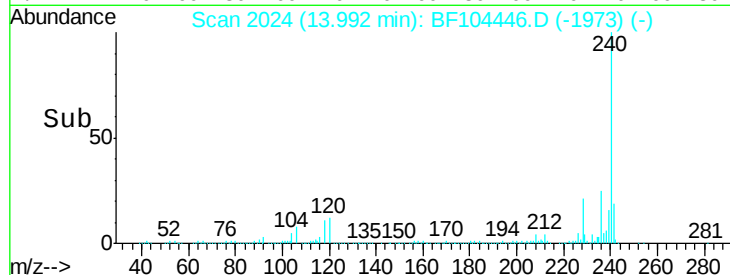
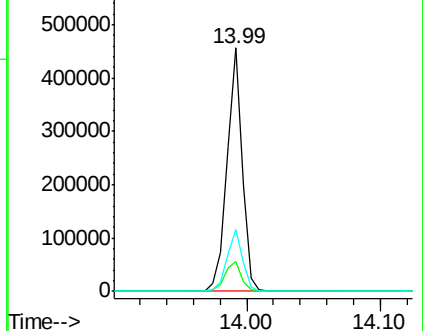
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.312 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

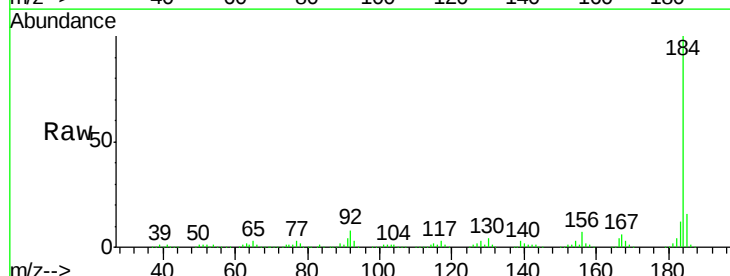
Tgt Ion:184 Resp: 458295

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

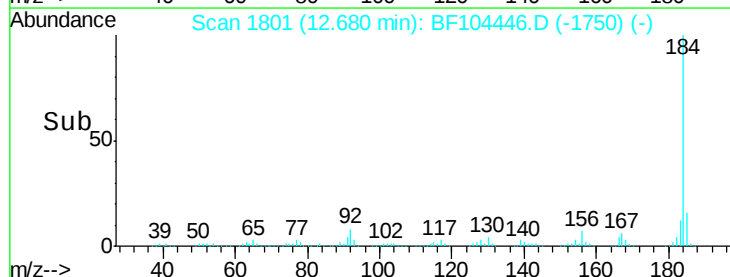
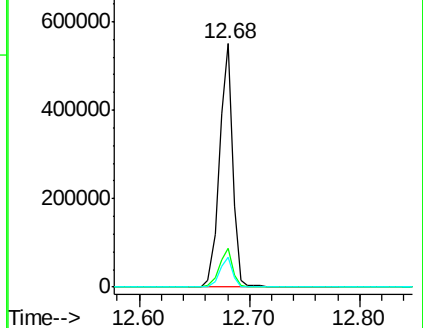
183 12.0 9.3 13.9

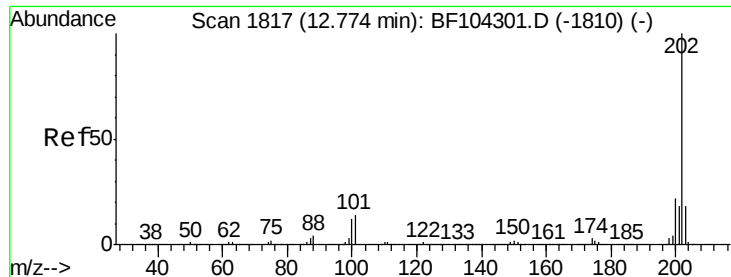


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

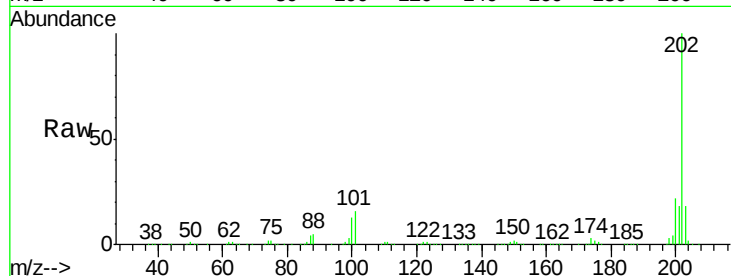




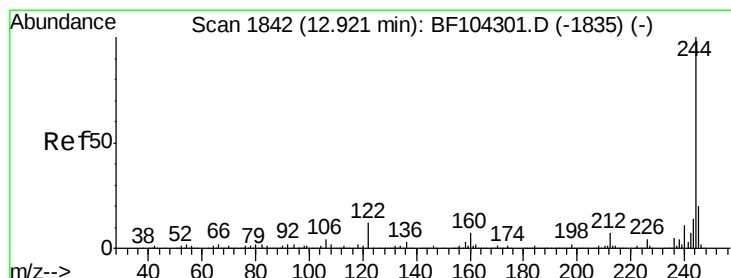
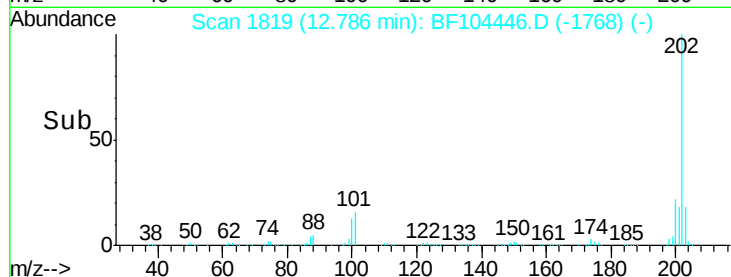
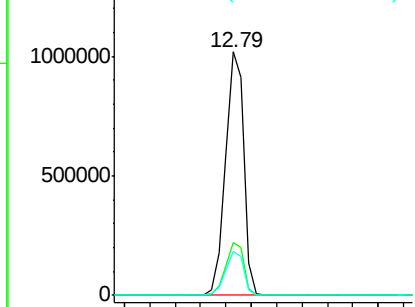
#77
 Pvrene
 Concen: 36.781 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1008848
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 18.0 14.3 21.5

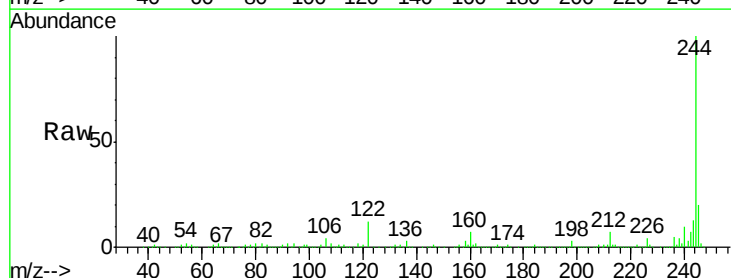


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

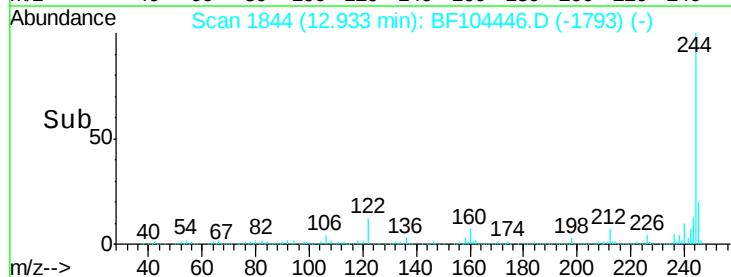
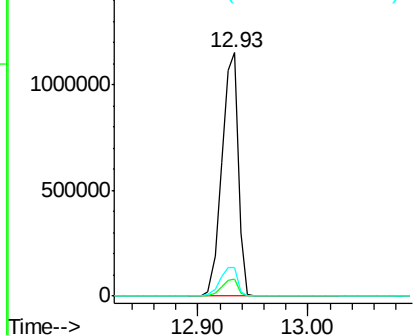


#78
 Terphenyl-d14
 Concen: 73.663 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:244 Resp: 1195620
 Ion Ratio Lower Upper
 244 100
 212 6.8 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

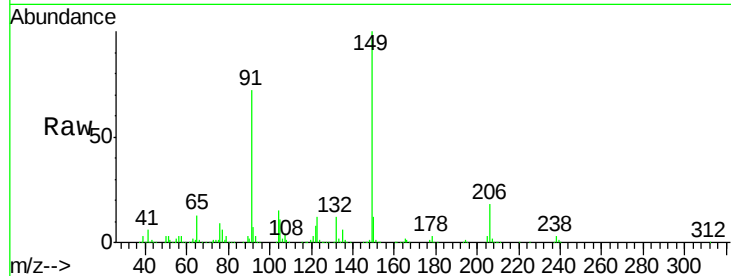




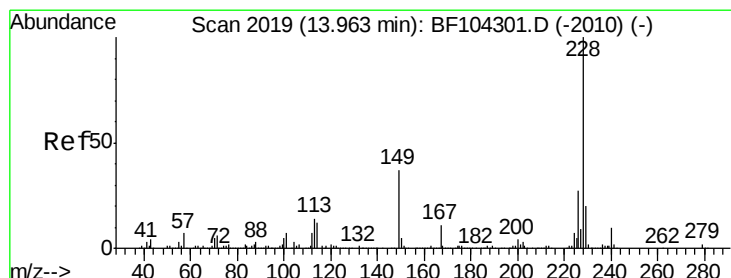
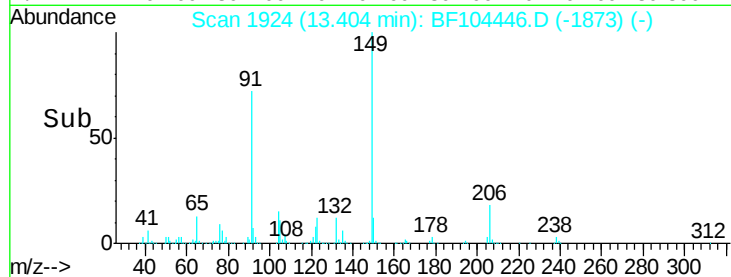
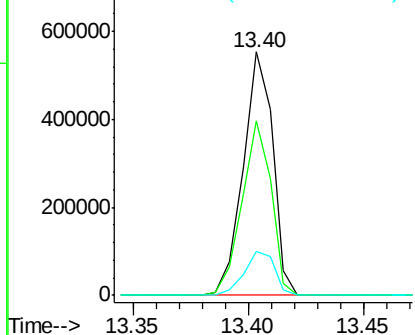
#79
Butylbenzylphthalate
Concen: 38.514 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 497679
Ion Ratio Lower Upper
149 100
91 71.8 56.8 85.2
206 17.9 14.1 21.1

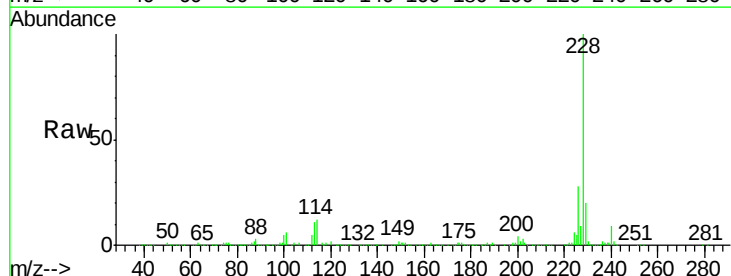


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

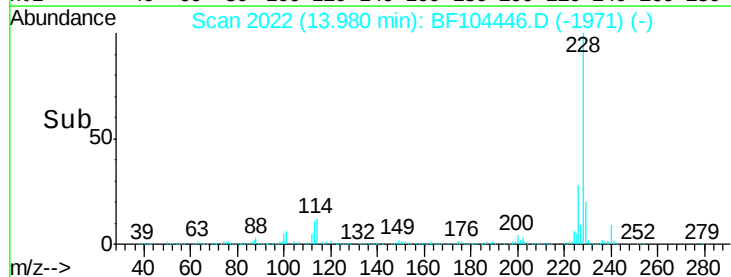
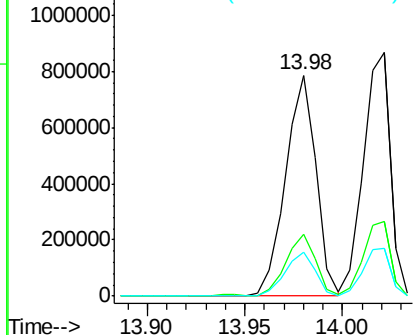


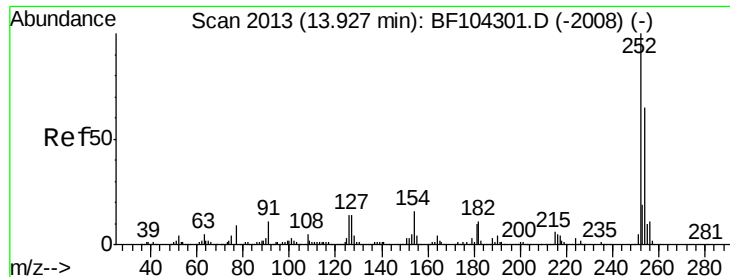
#80
Benzo(a)anthracene
Concen: 38.309 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:228 Resp: 846892
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.0 15.8 23.6



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

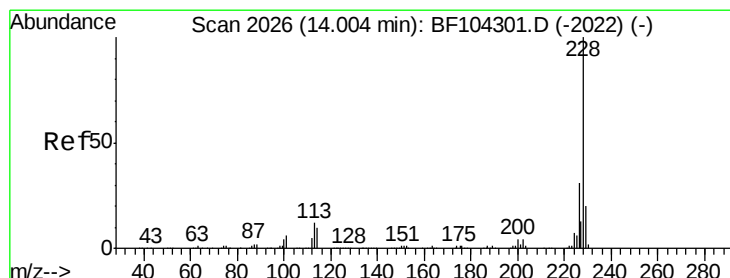
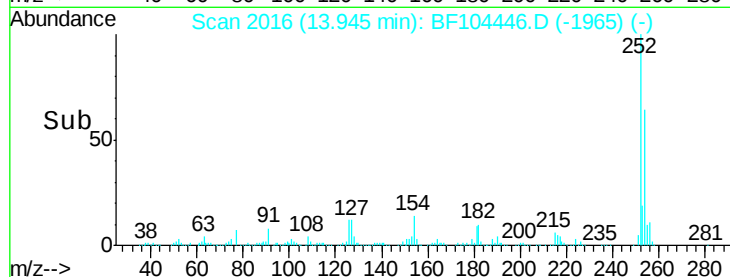
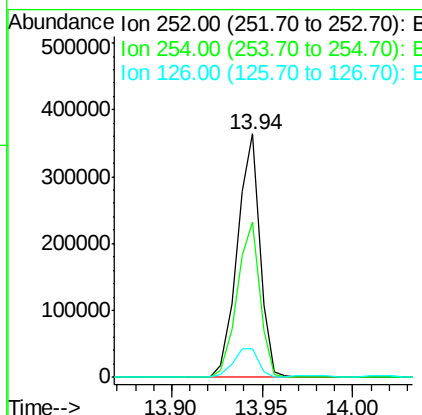
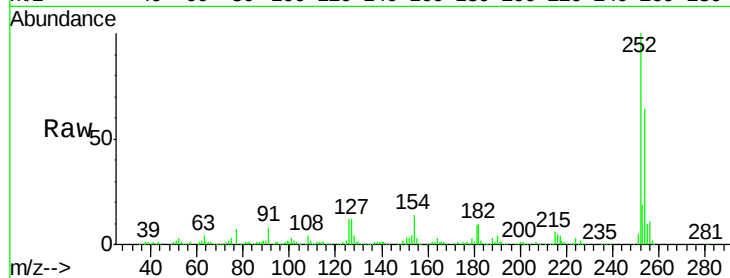




#81
 3,3'-Dichlorobenzidine
 Concen: 38.116 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

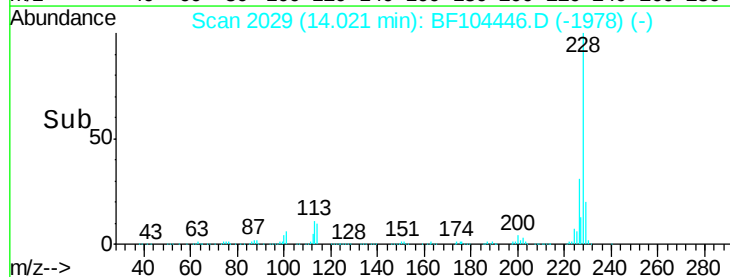
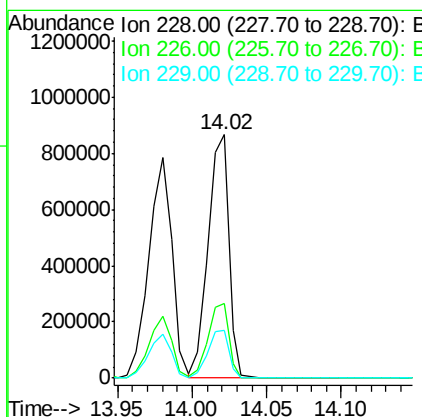
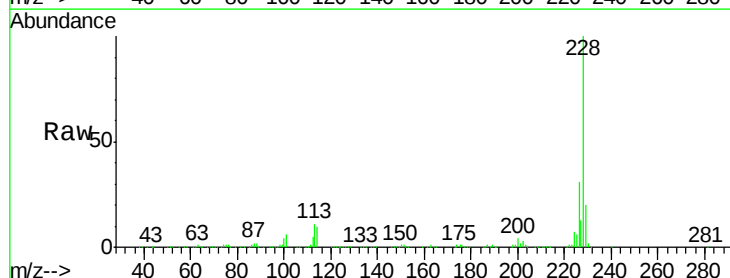
Instrument :
 BNA_F
 ClientSampled :

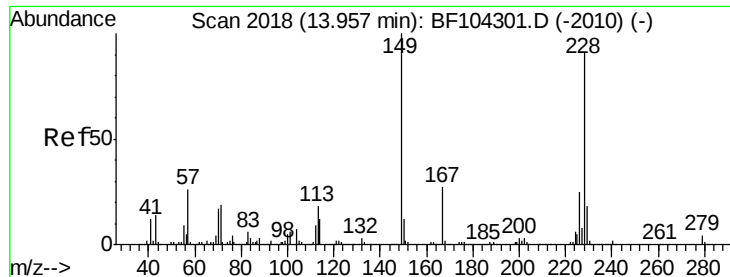
Tot Ion:252 Resp: 314171
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 36.621 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:228 Resp: 831554
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.201 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

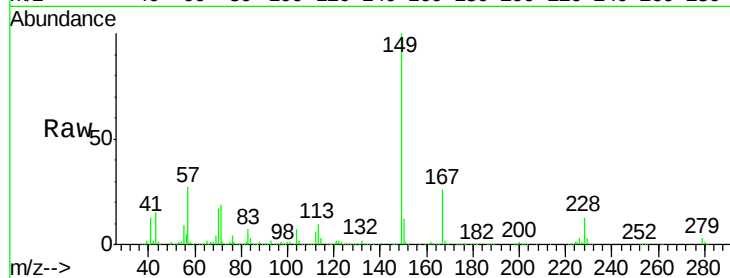
Tot Ion:149 Resp: 668182

Ion Ratio Lower Upper

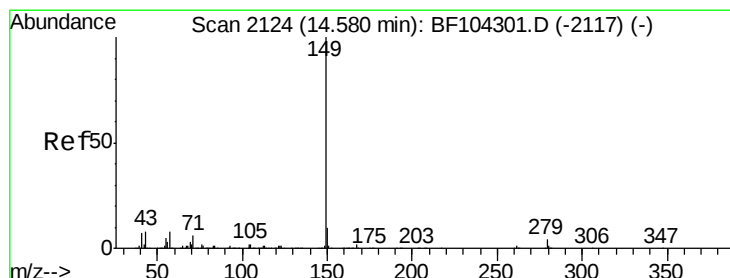
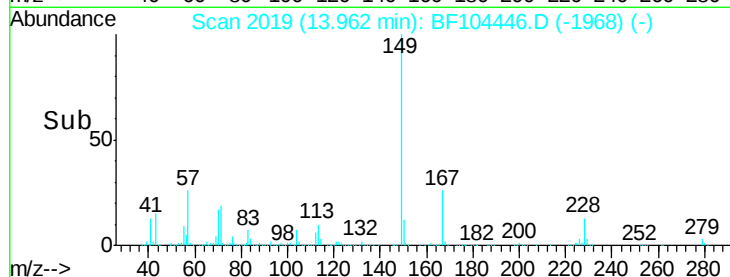
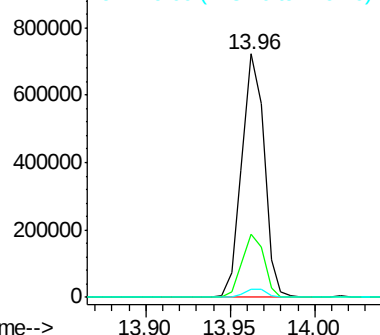
149 100

167 26.0 21.3 31.9

279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.022 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

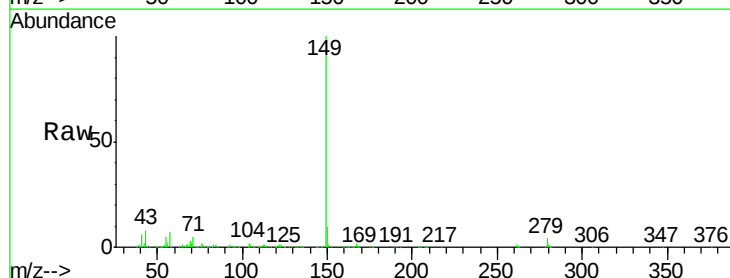
Tgt Ion:149 Resp: 1028173

Ion Ratio Lower Upper

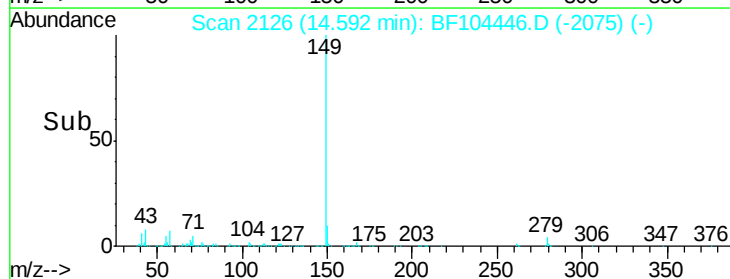
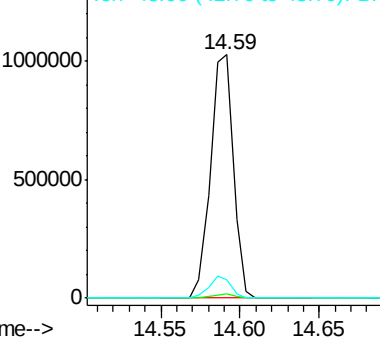
149 100

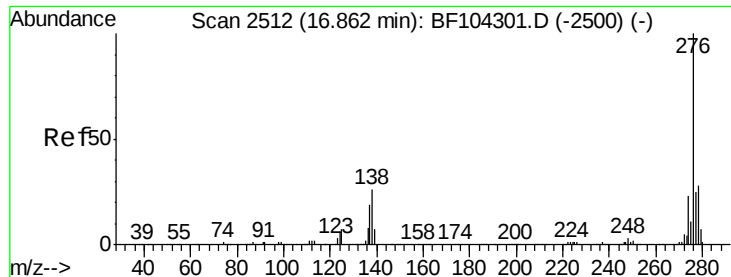
167 1.6 1.2 1.8

43 8.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

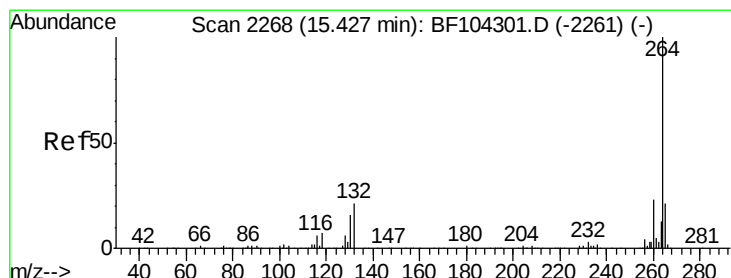
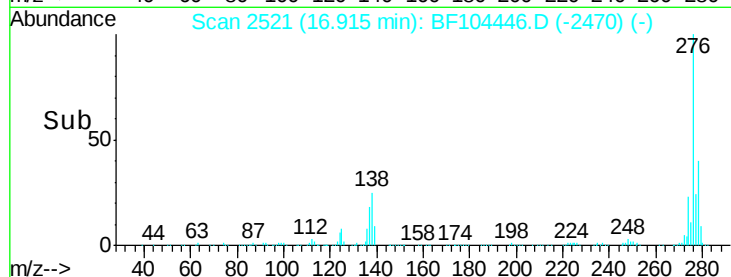
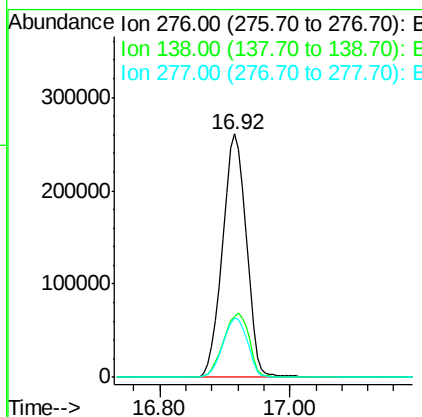
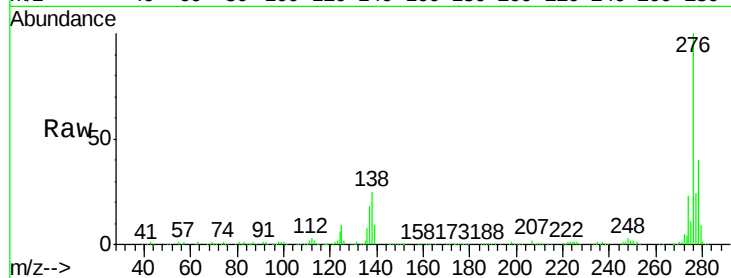




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.549 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

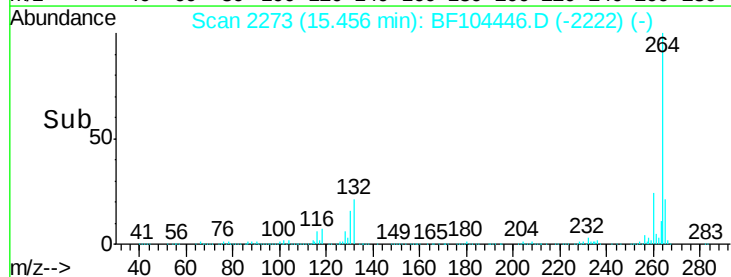
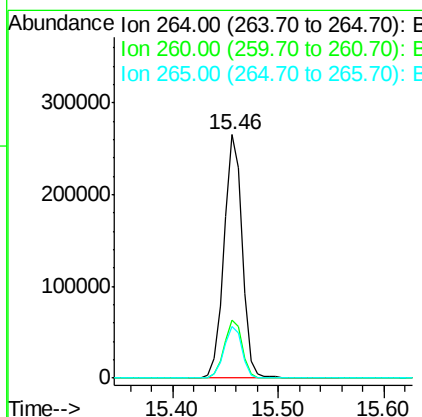
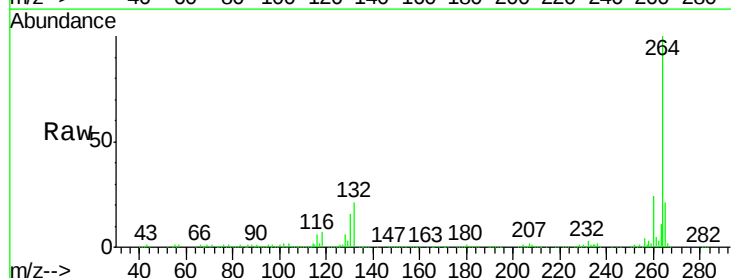
Instrument :
BNA_F
ClientSampleId :

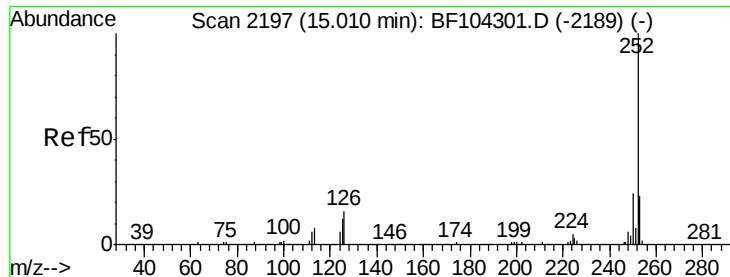
Tot Ion:276 Resp: 666418
Ion Ratio Lower Upper
276 100
138 28.5 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:264 Resp: 317700
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.0 17.5 26.3

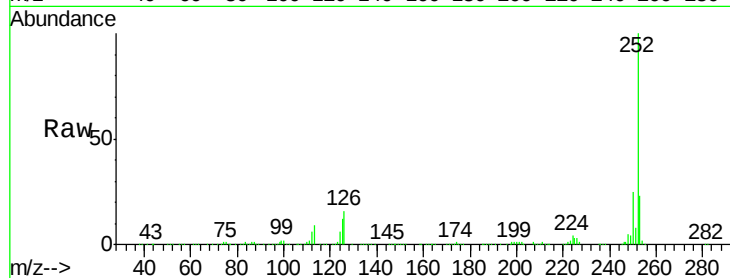




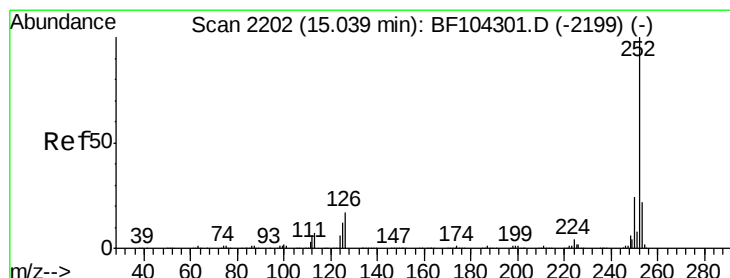
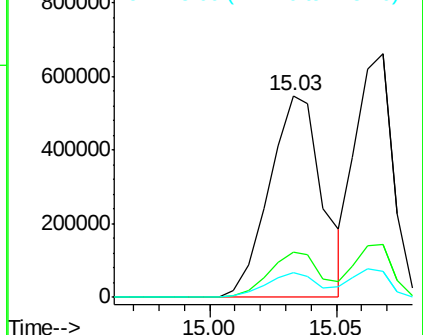
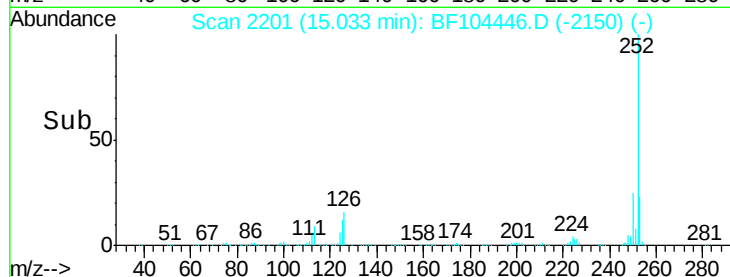
#87
Benzo(b)fluoranthene
Concen: 39.668 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 795962
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.2 9.0 13.6

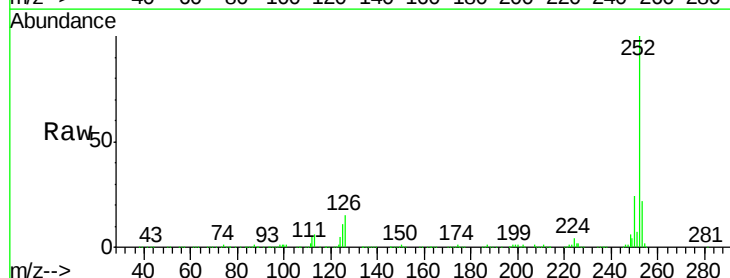


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

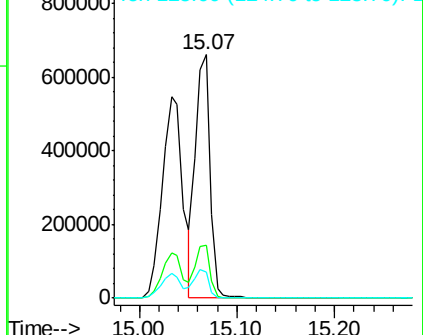
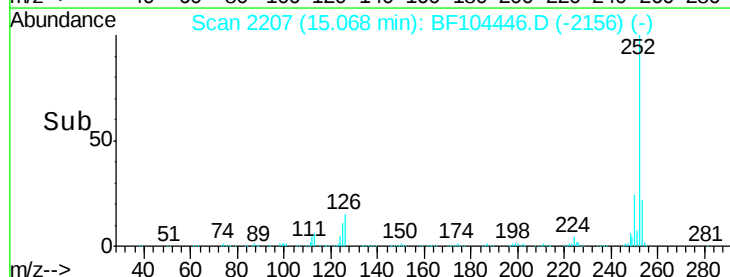


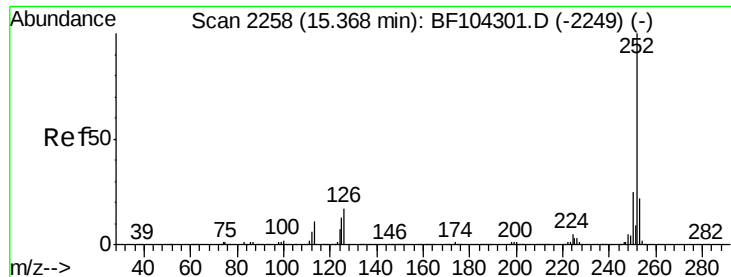
#88
Benzo(k)fluoranthene
Concen: 36.289 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:252 Resp: 687447
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.9 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 38.013 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

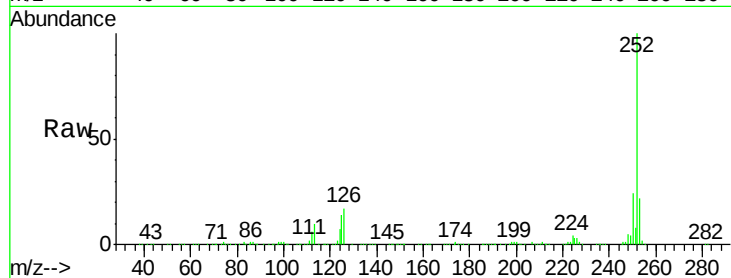
Tot Ion:252 Resp: 682465

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

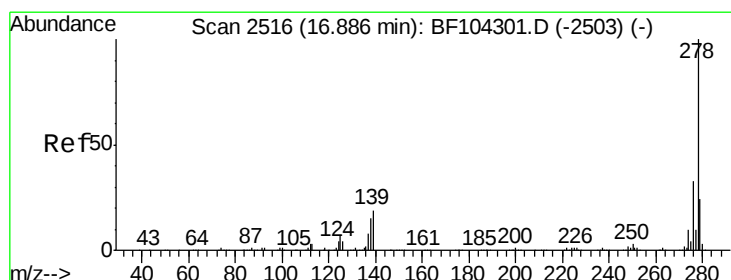
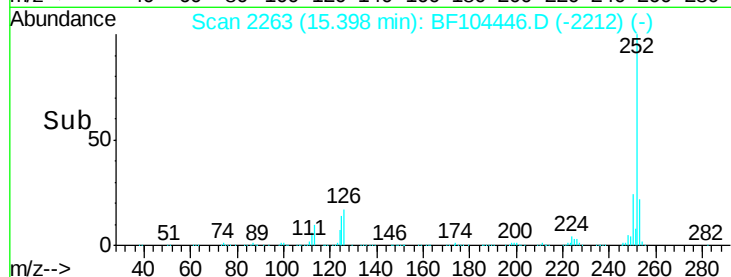
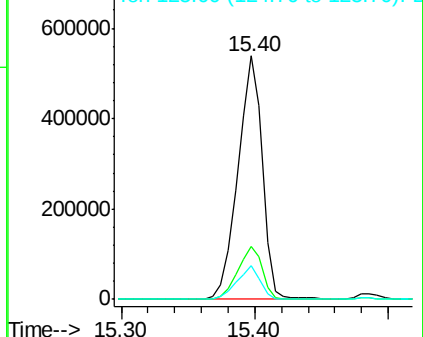
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.384 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

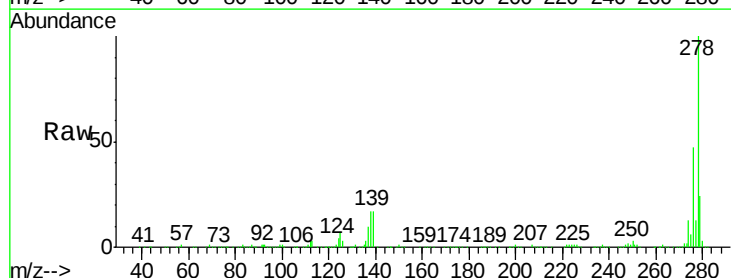
Tgt Ion:278 Resp: 551234

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

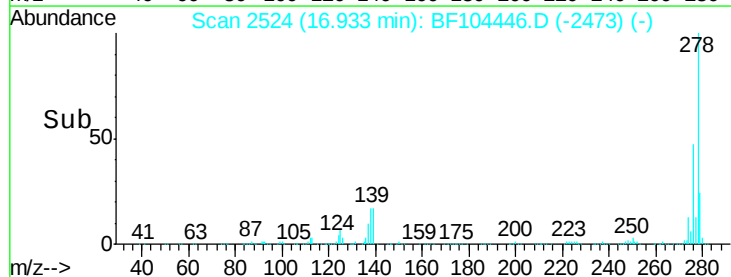
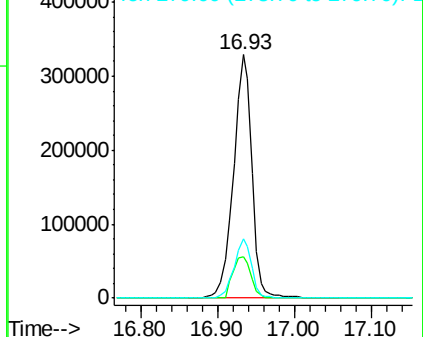
279 24.3 19.0 28.4

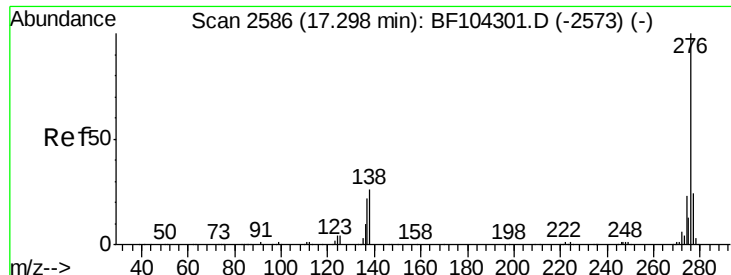


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.660 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

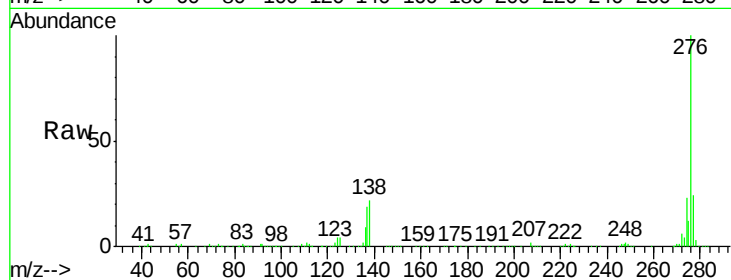
Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 537992

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 22.5 21.8 32.8

