

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104432.D
 Acq On : 11 Apr 2018 12:36
 Operator : JU/SJ
 Sample : J2310-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Quant Time: Apr 12 08:50:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138187	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	545353	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223414	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	350366	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265256	20.00	ng	0.00
86) Perylene-d12	15.46	264	268714	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	857854	94.92	ng	0.01
7) Phenol-d6	6.45	99	1084322	97.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	666705	79.83	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	231494	99.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1103100	78.00	ng	0.00
78) Terphenyl-d14	12.93	244	859732	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	79096	18.78	ng	89
3) Pyridine	3.29	79	247436	20.90	ng	88
4) n-Nitrosodimethylamine	3.23	42	107321	25.93	ng	82
6) Aniline	6.47	93	178262	11.56	ng	99
8) 2-Chlorophenol	6.60	128	300553	31.51	ng	91
9) Benzaldehyde	6.36	77	183416	30.07	ng	99
10) Phenol	6.46	94	380027	32.26	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	301007	32.02	ng	92
12) 1,3-Dichlorobenzene	6.75	146	302194	27.96	ng	98
13) 1,4-Dichlorobenzene	6.83	146	309704	28.75	ng	99
14) 1,2-Dichlorobenzene	6.98	146	291005	29.15	ng	99
15) Benzyl Alcohol	6.95	79	257775	30.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	370920	29.38	ng	92
17) 2-Methylphenol	7.06	107	246991	29.79	ng	97
18) Hexachloroethane	7.32	117	106261	27.67	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	201793	27.81	ng	95
20) 3+4-Methylphenols	7.22	107	297391	28.92	ng	# 72
22) Acetophenone	7.22	105	402298	29.96	ng	# 97
24) Nitrobenzene	7.39	77	307569	33.36	ng	99
25) Isophorone	7.63	82	495890	28.08	ng	98
26) 2-Nitrophenol	7.71	139	162856	43.38	ng	93
27) 2,4-Dimethylphenol	7.75	122	233002	29.89	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	346574	32.10	ng	99
29) 2,4-Dichlorophenol	7.95	162	242383	32.59	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	249356	30.55	ng	99
31) Naphthalene	8.12	128	781845	28.79	ng	99
32) Benzoic acid	7.82	122	43595	7.01	ng	94
33) 4-Chloroaniline	8.17	127	228689	19.66	ng	96
34) Hexachlorobutadiene	8.23	225	137586	30.78	ng	99
35) Caprolactam	8.53	113	55549	21.41	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	255835	32.08	ng	97
37) 2-Methylnaphthalene	8.80	142	492350	28.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	220391	34.46	ng	99
40) Hexachlorocyclopentadiene	8.96	237	150715	42.09	ng	98

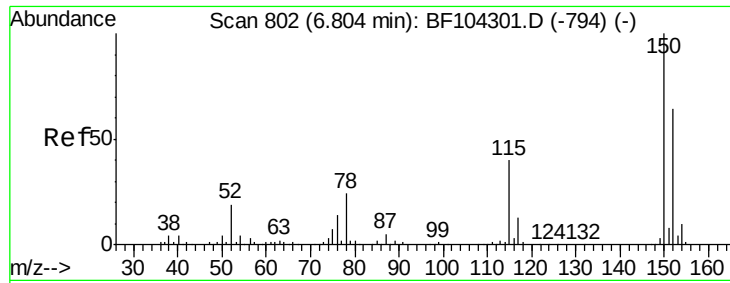
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	163819	36.90	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	167646	33.74	nq	98
45) 1,1'-Biphenyl	9.27	154	631414	33.64	nq	99
46) 2-Chloronaphthalene	9.30	162	496268	33.48	nq	98
47) 2-Nitroaniline	9.39	65	151552	41.34	nq	93
48) Acenaphthylene	9.71	152	717264	30.84	nq	99
49) Dimethylphthalate	9.57	163	637401	36.18	nq	99
50) 2,6-Dinitrotoluene	9.63	165	126863	38.92	nq	97
51) Acenaphthene	9.88	154	446841	31.49	nq	99
52) 3-Nitroaniline	9.80	138	107942	28.28	nq	96
53) 2,4-Dinitrophenol	9.90	184	53832	49.49	nq	# 22
54) Dibenzofuran	10.06	168	635068	32.11	nq	100
55) 4-Nitrophenol	9.96	139	195614	65.25	nq	97
56) 2,4-Dinitrotoluene	10.04	165	160160	37.45	nq	# 88
57) Fluorene	10.40	166	437806	30.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	119210	32.16	nq	95
59) Diethylphthalate	10.27	149	543912	31.00	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	226021	35.26	nq	95
61) 4-Nitroaniline	10.42	138	116746	31.29	nq	96
62) Azobenzene	10.55	77	499319	29.79	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	71382	42.78	nq	79
65) n-Nitrosodiphenylamine	10.51	169	435751	35.87	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	134086	35.98	nq	94
67) Hexachlorobenzene	10.95	284	143066	34.12	nq	# 91
68) Atrazine	11.04	200	130255	35.52	nq	99
69) Pentachlorophenol	11.14	266	155112	59.79	nq	97
70) Phenanthrene	11.36	178	601734	30.84	nq	98
71) Anthracene	11.42	178	604915	30.50	nq	98
72) Carbazole	11.57	167	596705	30.79	nq	100
73) Di-n-butylphthalate	11.90	149	740169	31.26	nq	100
74) Fluoranthene	12.55	202	585244	28.71	nq	98
76) Benzidine	12.67	184	86562	5.32	nq	98
77) Pyrene	12.78	202	602373	30.64	nq	99
79) Butylbenzylphthalate	13.40	149	283569	30.61	nq	98
80) Benzo(a)anthracene	13.98	228	495364	31.26	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	135376	22.91	nq	99
82) Chrysene	14.02	228	491890	30.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	407945	34.24	nq	99
84) Di-n-octyl phthalate	14.59	149	656984	33.00	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.92	276	474984	34.35	nq	96
87) Benzo(b)fluoranthene	15.03	252	514036	30.29	nq	# 93
88) Benzo(k)fluoranthene	15.07	252	465047	29.02	nq	97
89) Benzo(a)pyrene	15.40	252	462752	30.47	nq	# 96
90) Dibenzo(a,h)anthracene	16.94	278	405981	32.55	nq	99
91) Benzo(g,h,i)perylene	17.36	276	387269	32.05	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

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P004-S003-0001-01MS

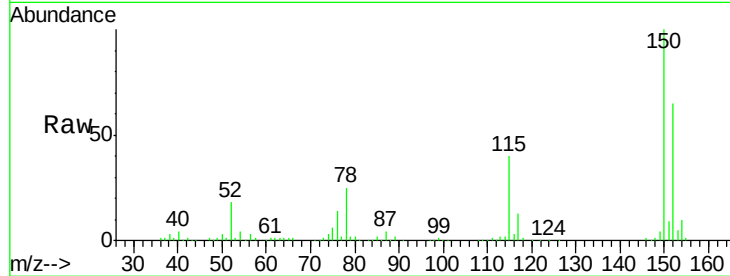
Tot Ion:152 Resp: 138187

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

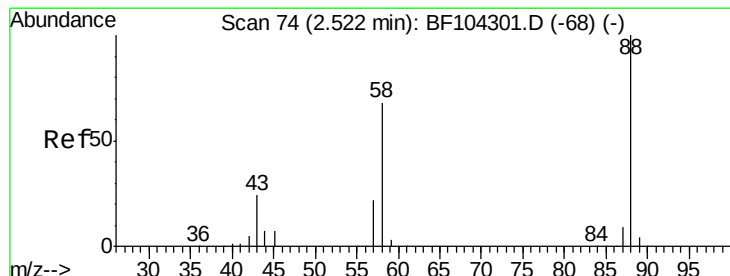
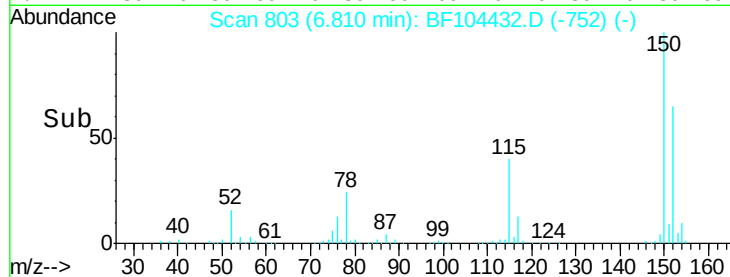
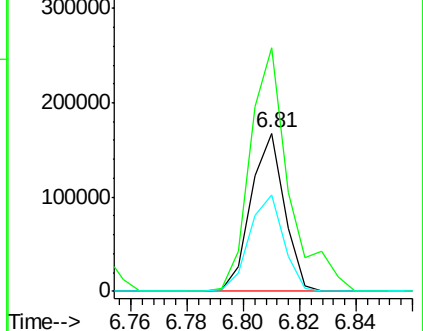
115 61.0 50.1 75.1



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: 18.78 ng

RT: 2.54 min Scan# 77

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

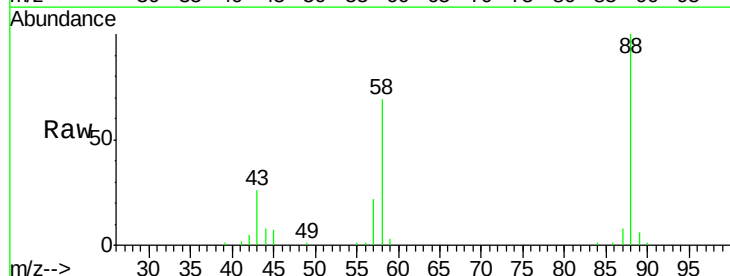
Tgt Ion: 88 Resp: 79096

Ion Ratio Lower Upper

88 100

58 68.2 62.6 93.8

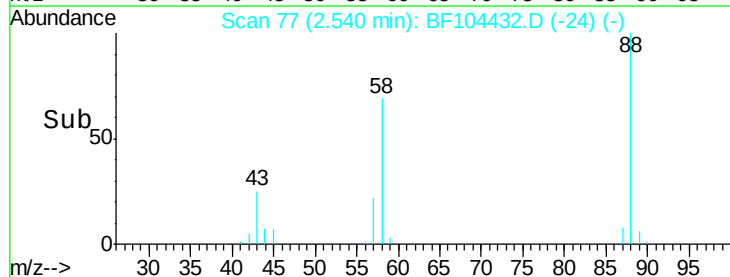
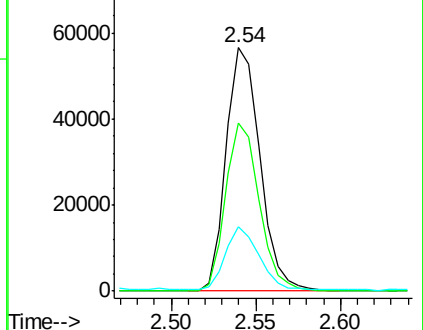
43 26.0 24.6 37.0

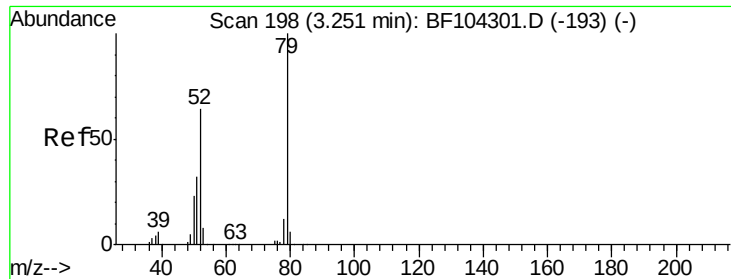


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 20.90 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

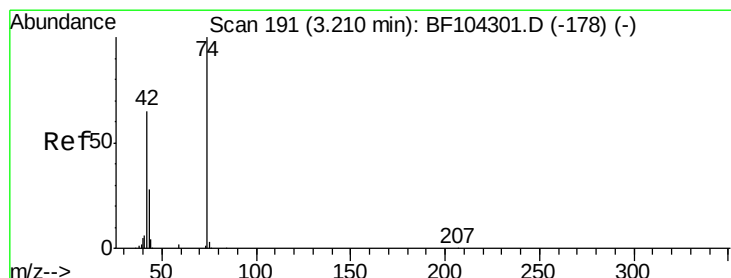
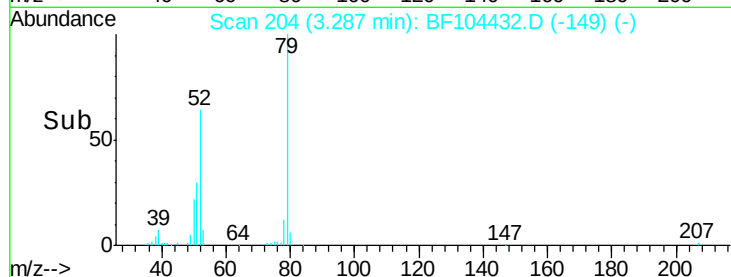
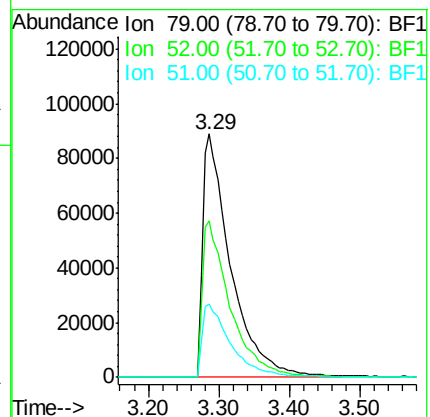
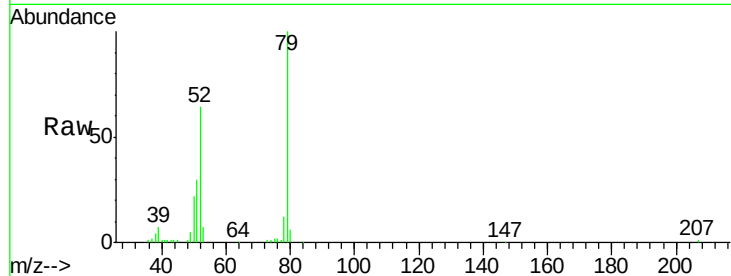
Tot Ion: 79 Resp: 247436

Ion Ratio Lower Upper

79 100

52 64.4 59.8 89.6

51 30.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 25.93 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

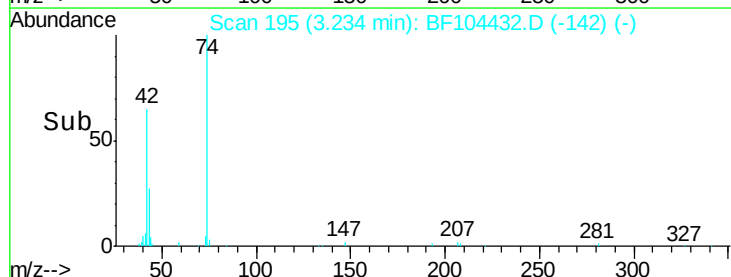
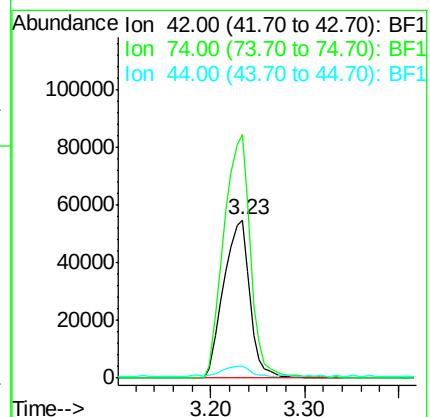
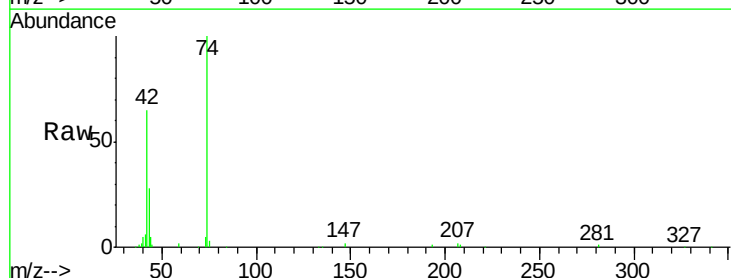
Tgt Ion: 42 Resp: 107321

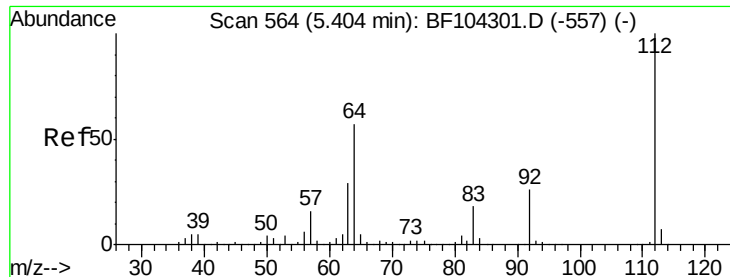
Ion Ratio Lower Upper

42 100

74 153.8 104.9 157.3

44 7.7 6.9 10.3

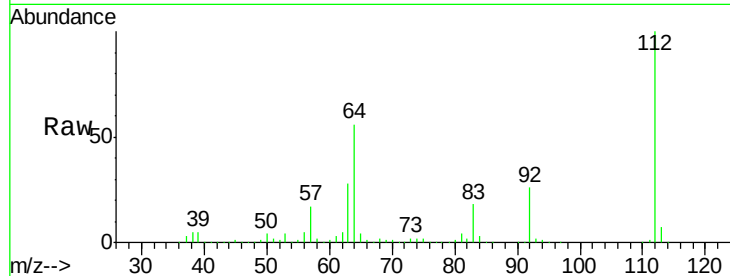




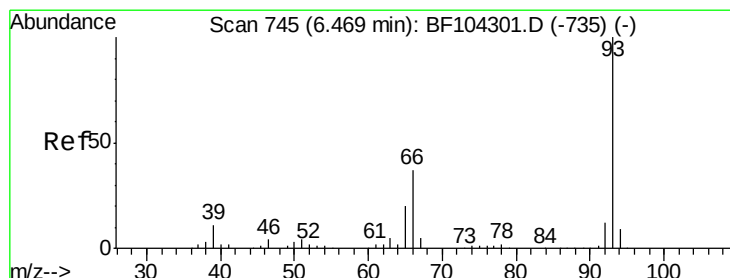
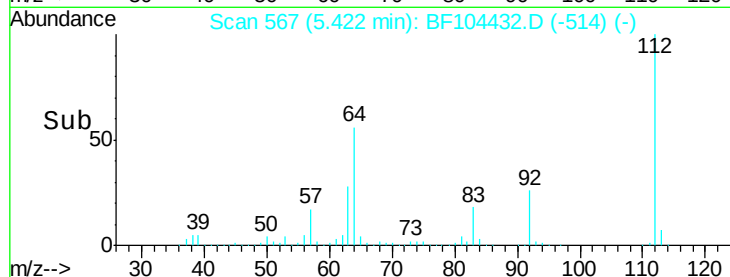
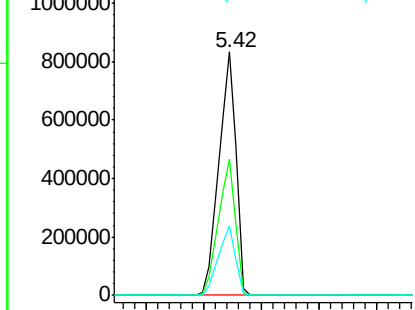
#5
2-Fluorophenol
Concen: 94.92 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:112 Resp: 857854
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.4 23.7 35.5

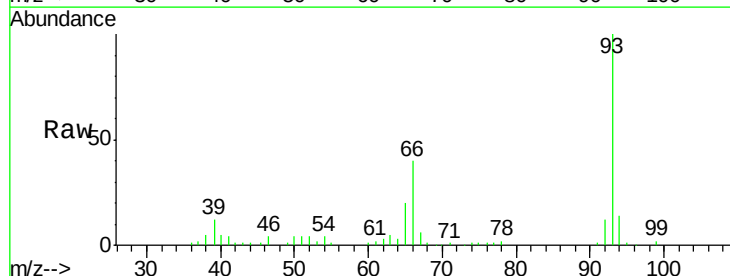


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

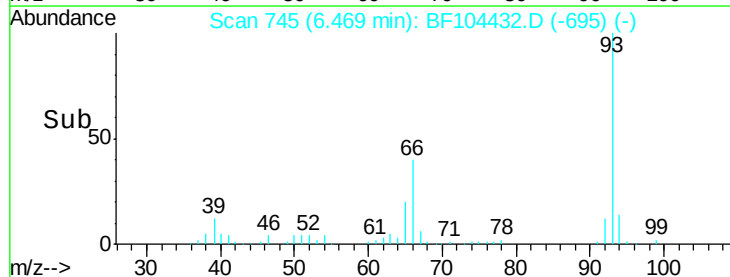
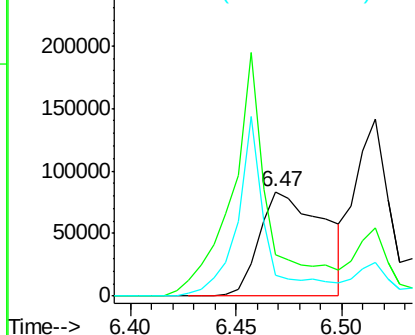


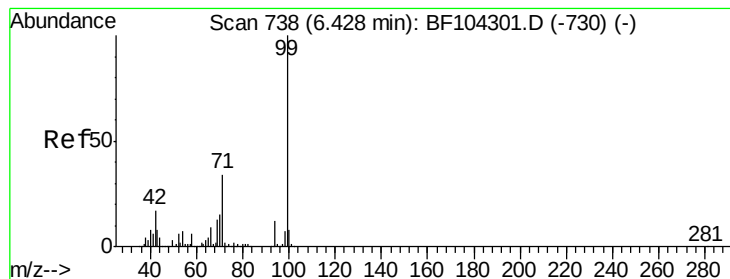
#6
Aniline
Concen: 11.56 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion: 93 Resp: 178262
Ion Ratio Lower Upper
93 100
66 40.0 32.2 48.2
65 19.5 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: 97.65 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

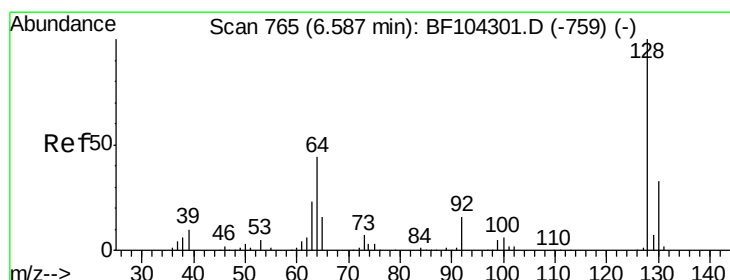
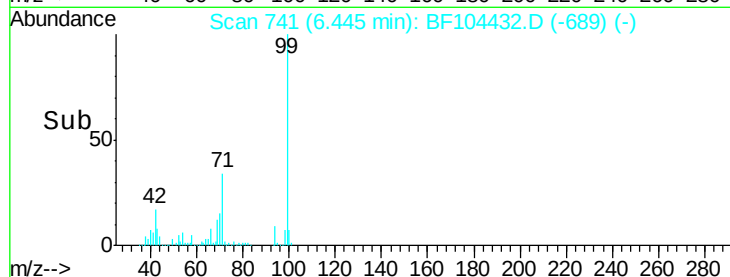
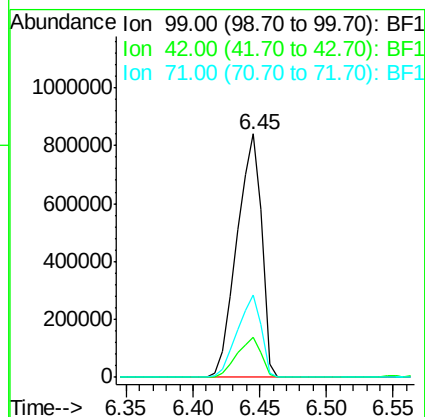
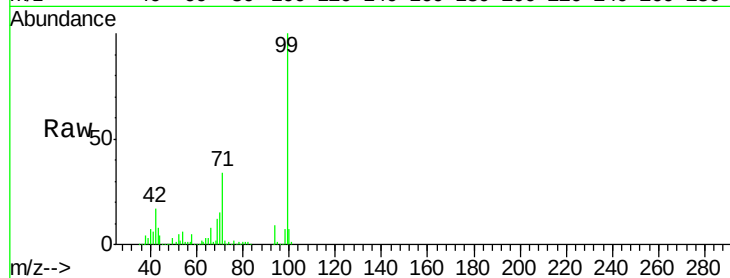
Tot Ion: 99 Resp: 1084322

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 33.8 25.4 38.0



#8

2-Chlorophenol

Concen: 31.51 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

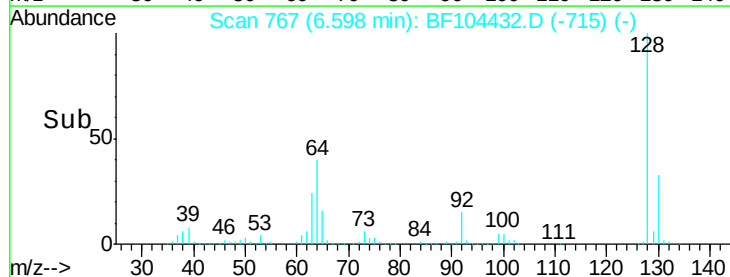
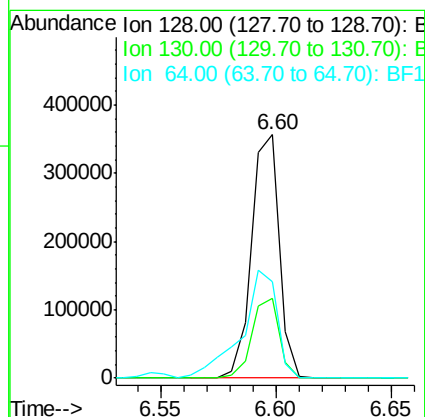
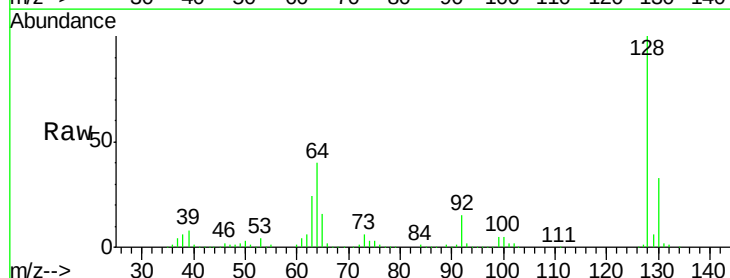
Tgt Ion: 128 Resp: 300553

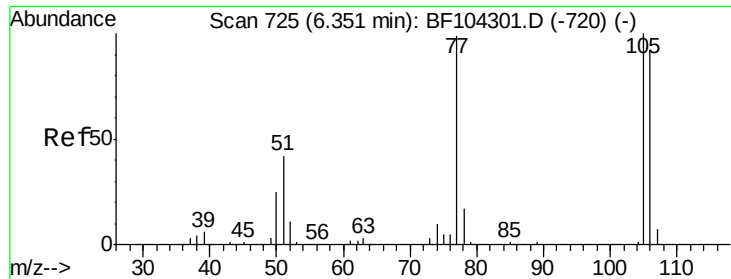
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 39.6 29.4 69.4

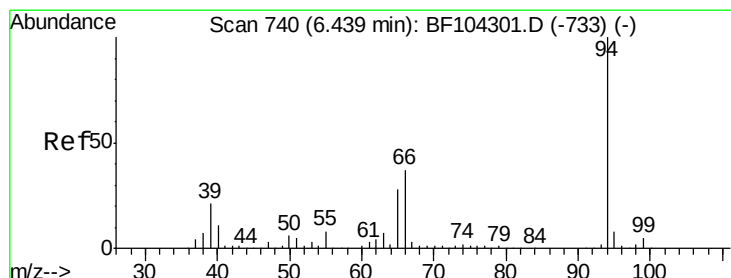
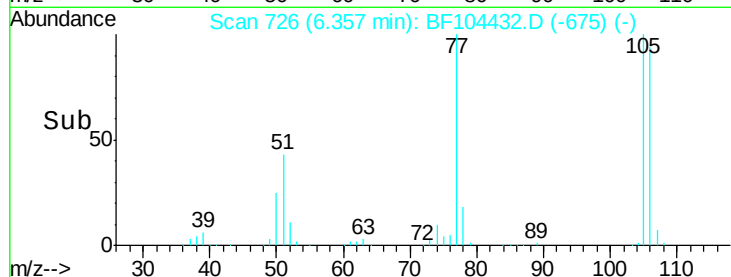
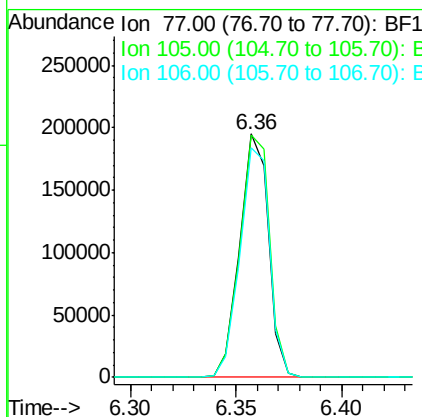
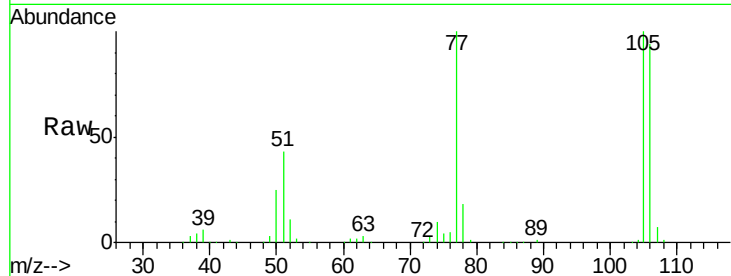




#9
Benzaldehyde
Concen: 30.07 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

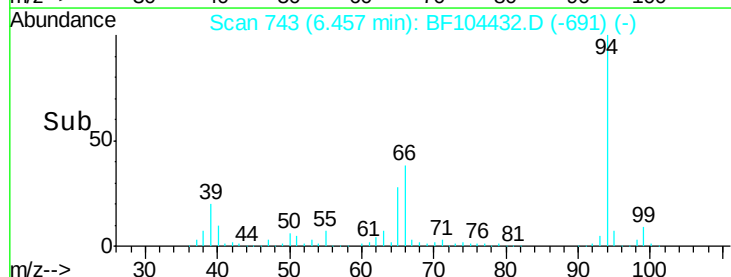
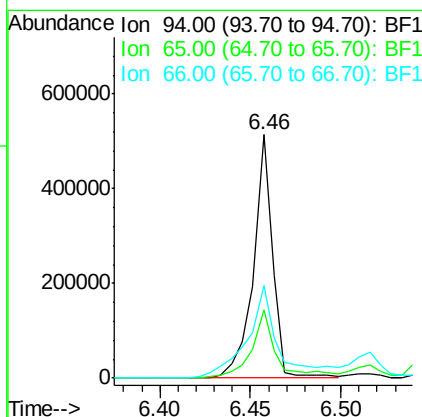
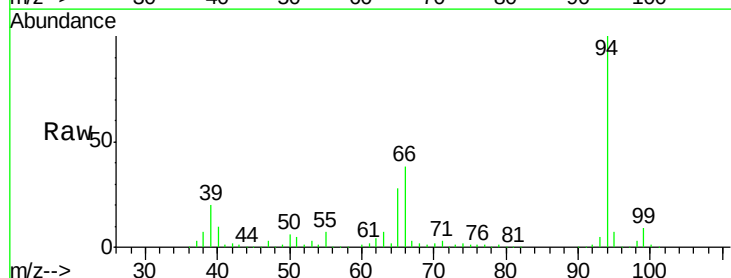
Instrument :
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P004-S003-0001-01MS

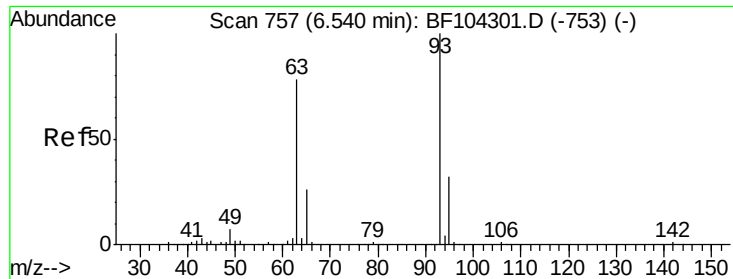
Tot Ion: 77 Resp: 183416
Ion Ratio Lower Upper
77 100
105 99.8 81.1 121.1
106 94.2 74.5 114.5



#10
Phenol
Concen: 32.26 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion: 94 Resp: 380027
Ion Ratio Lower Upper
94 100
65 28.0 7.9 47.9
66 37.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 32.02 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

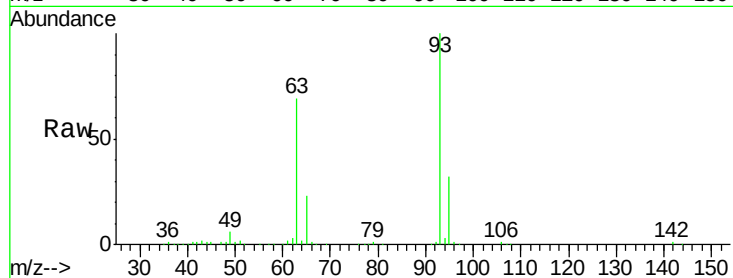
Tot Ion: 93 Resp: 301007

Ion Ratio Lower Upper

93 100

63 68.8 58.6 98.6

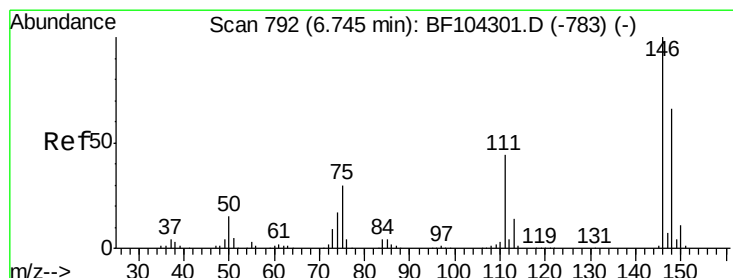
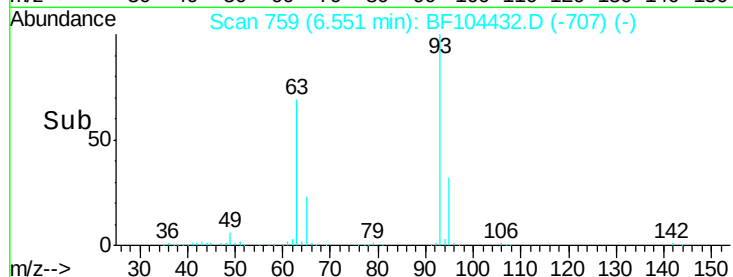
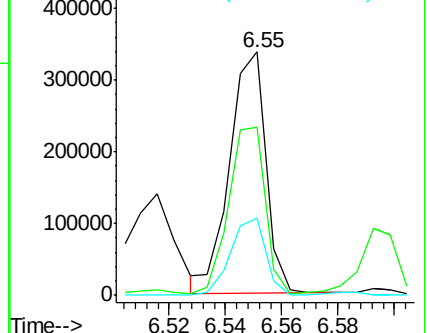
95 31.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.96 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

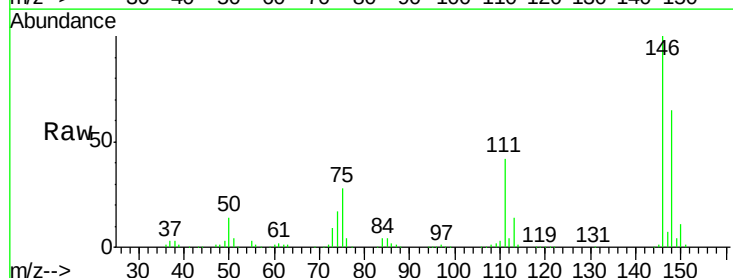
Tgt Ion: 146 Resp: 302194

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

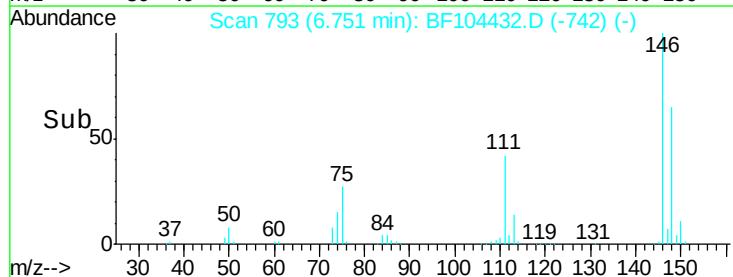
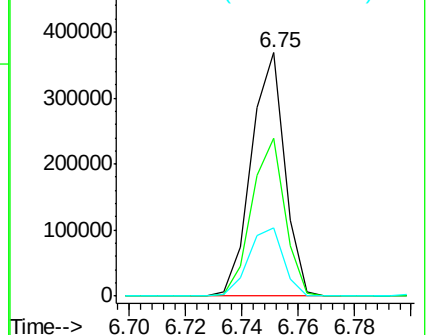
75 27.8 24.2 36.4

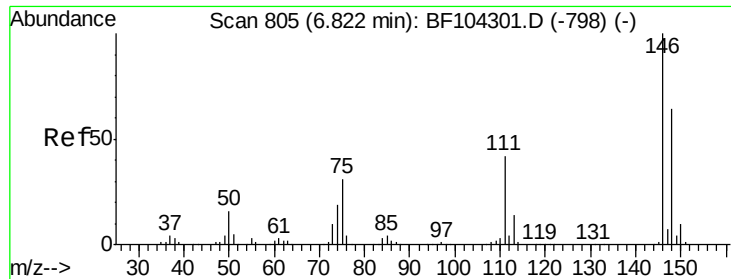


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

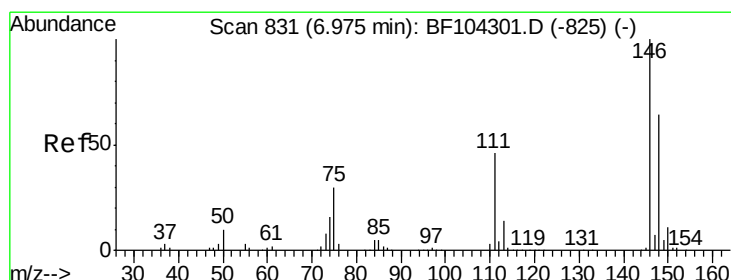
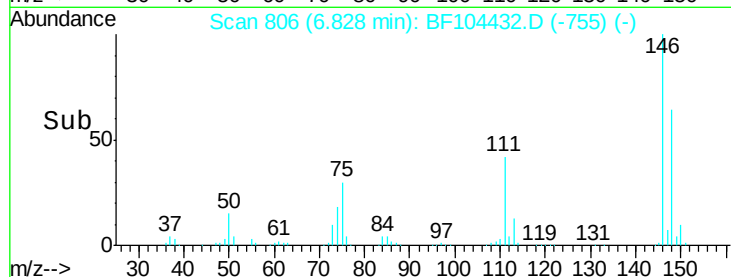
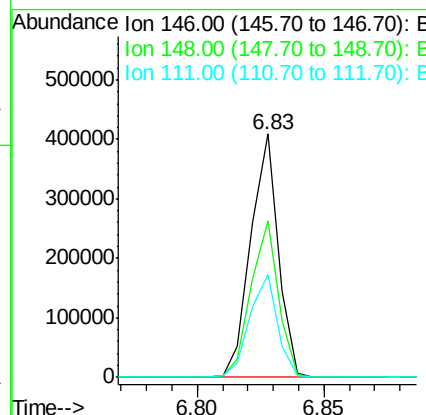
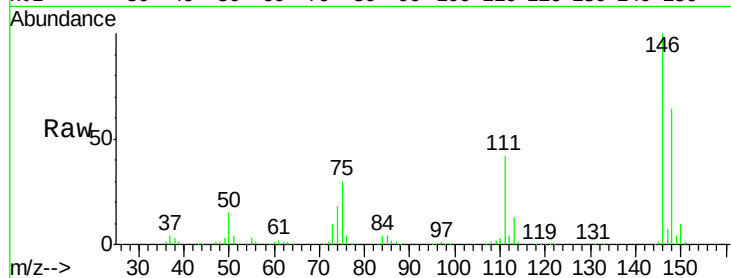




#13
 1,4-Dichlorobenzene
 Concen: 28.75 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

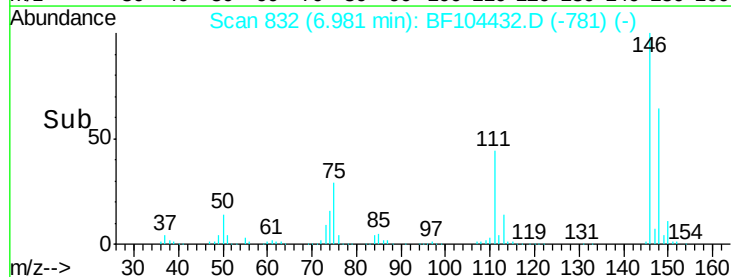
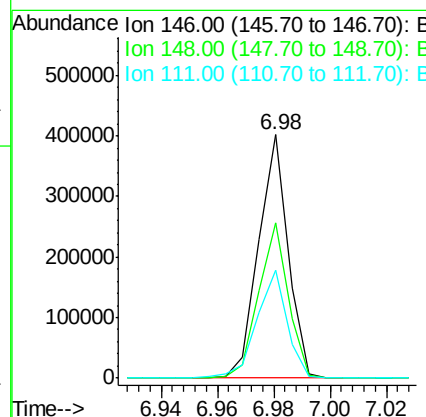
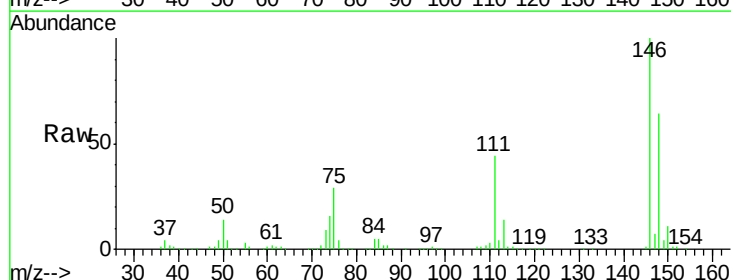
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

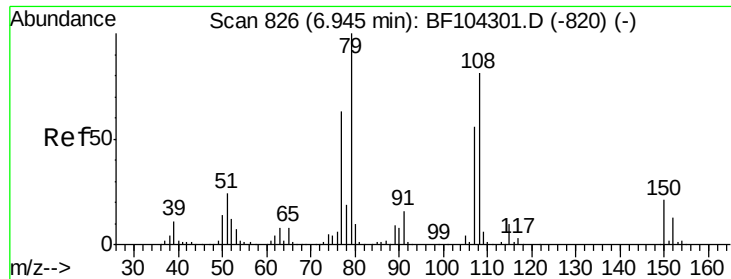
Tot Ion:146 Resp: 309704
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 29.15 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:146 Resp: 291005
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.56 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

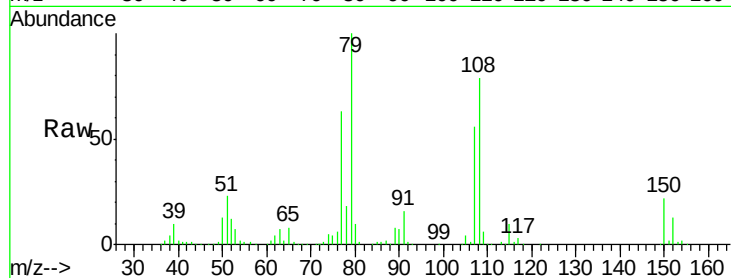
Tot Ion: 79 Resp: 257775

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

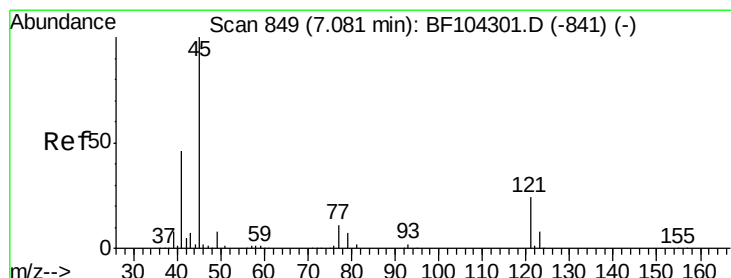
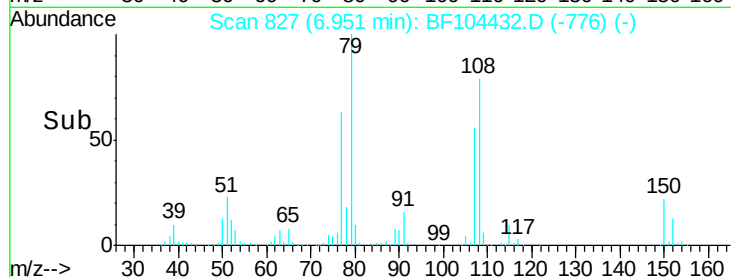
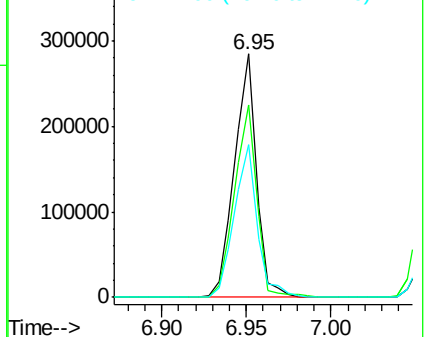
77 62.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.38 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

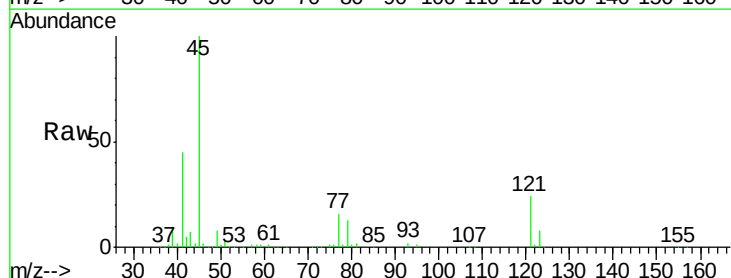
Tgt Ion: 45 Resp: 370920

Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

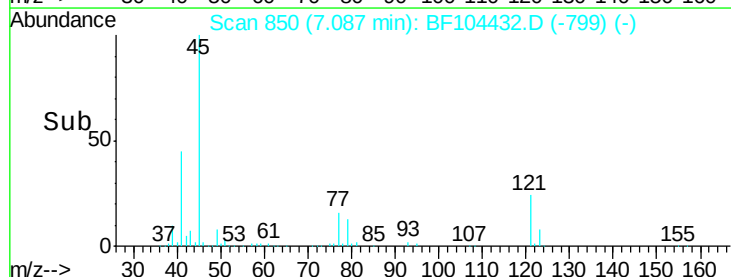
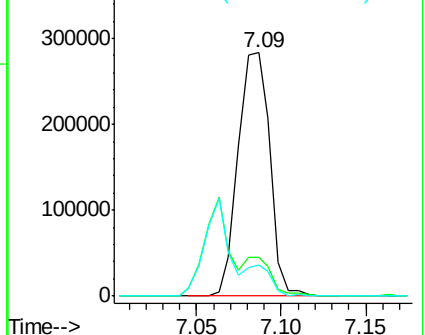
79 12.8 0.0 29.6

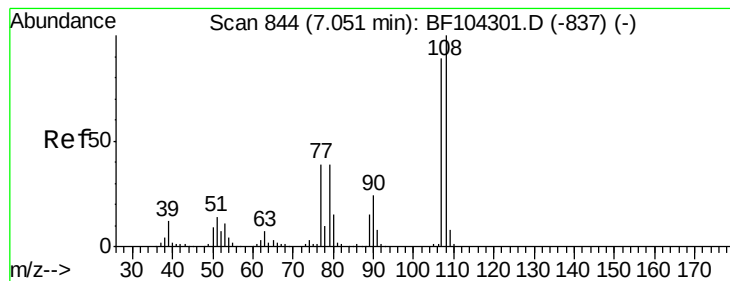


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

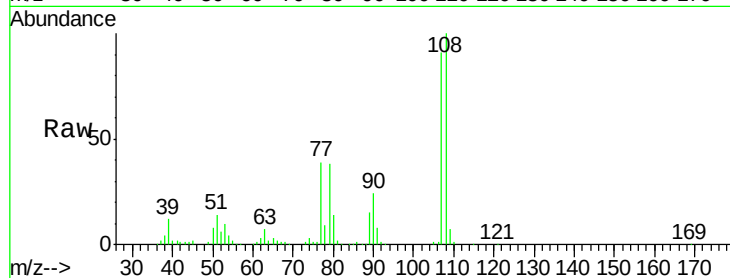




#17
2-Methylphenol
Concen: 29.79 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.7	137.5
77	42.5	33.8	50.8
79	41.9	33.8	50.8



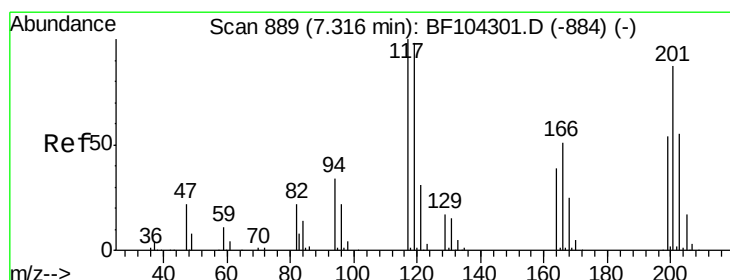
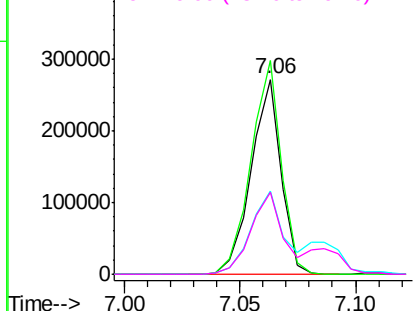
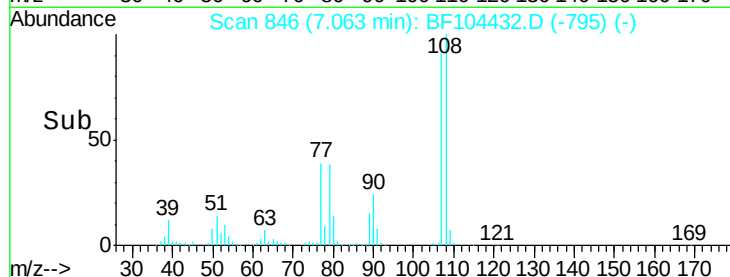
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

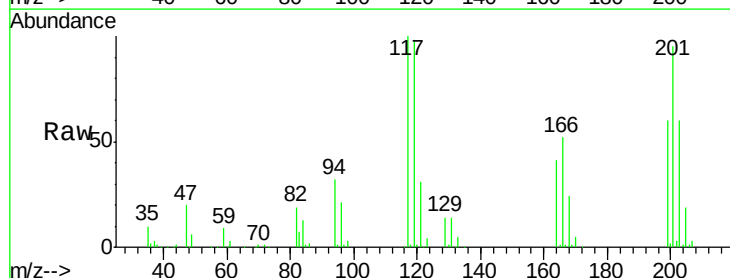
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 27.67 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
201	95.4	75.7	113.5

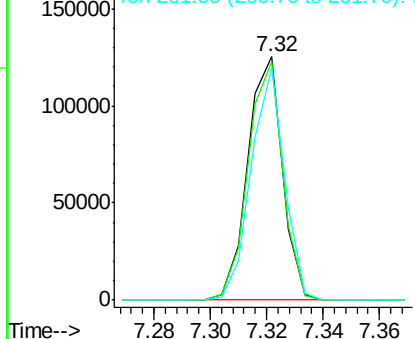
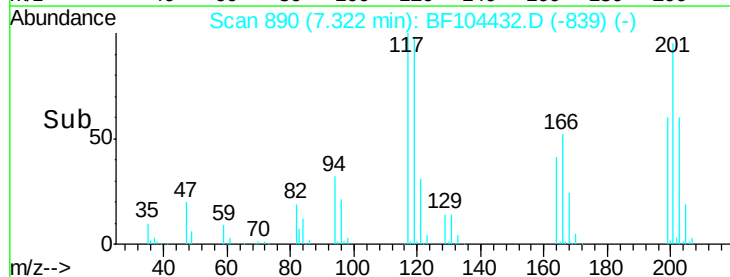


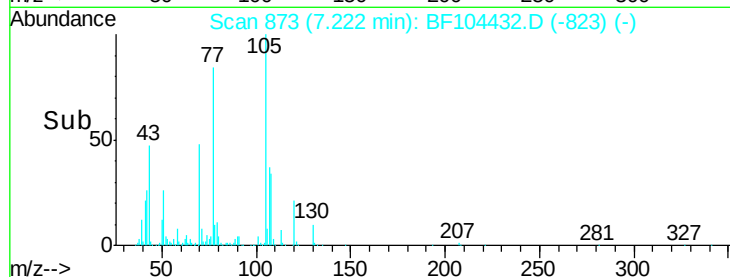
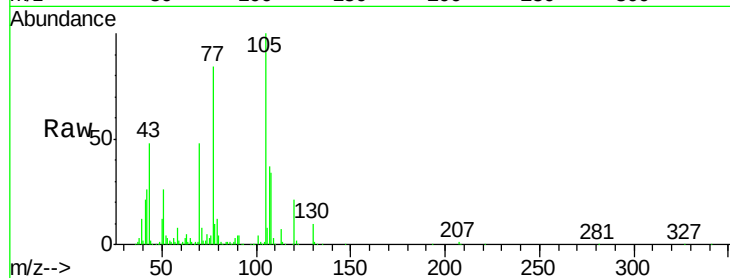
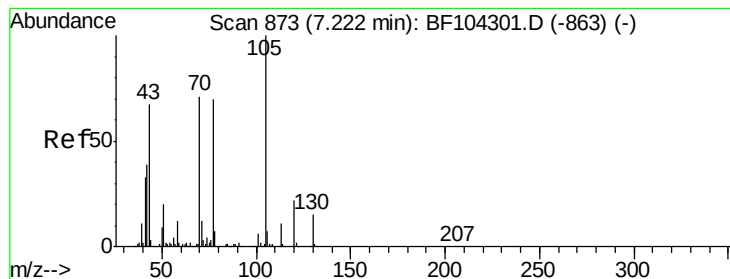
Abundance

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: 27.81 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

Tot Ion: 70 Resp: 201793

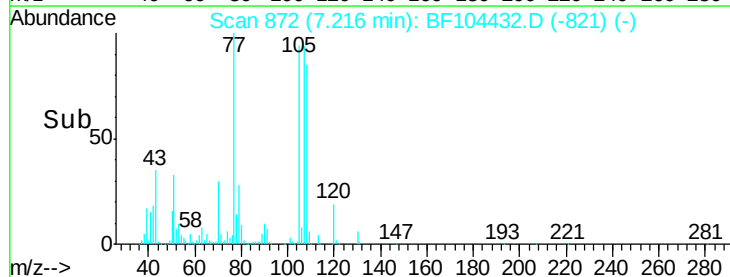
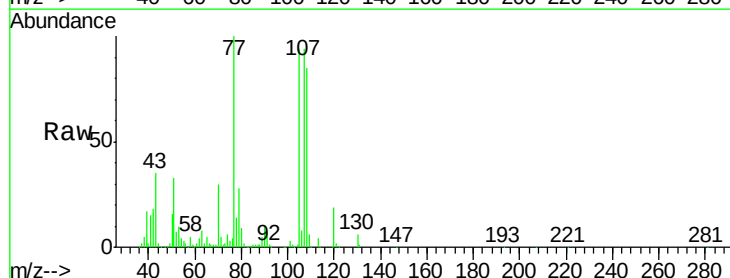
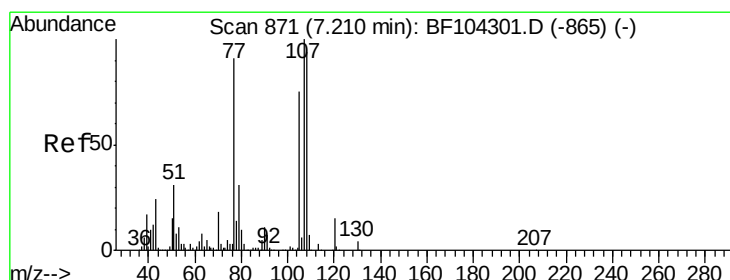
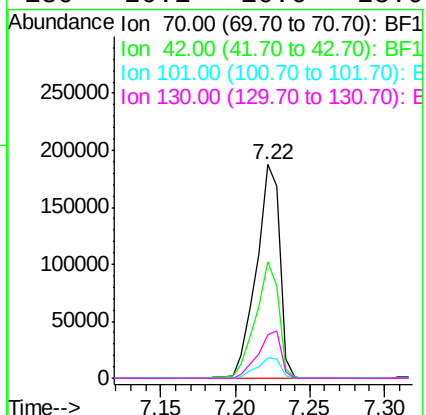
Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 9.3 7.4 11.2

130 20.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 28.92 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:107 Resp: 297391

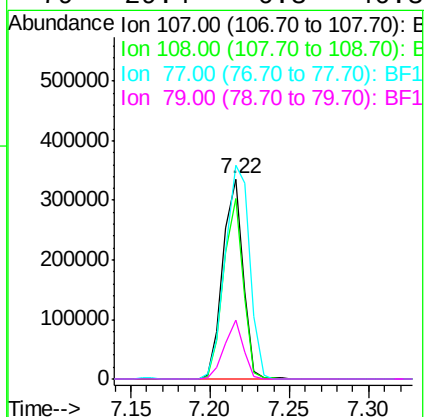
Ion Ratio Lower Upper

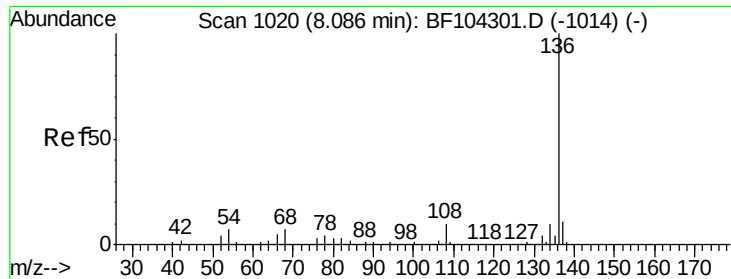
107 100

108 90.5 68.2 108.2

77 106.8 26.7 66.7#

79 29.4 6.3 46.3

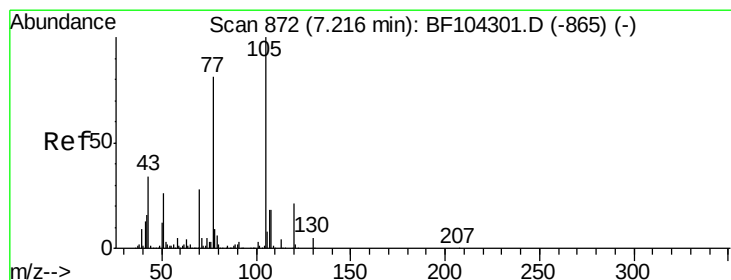
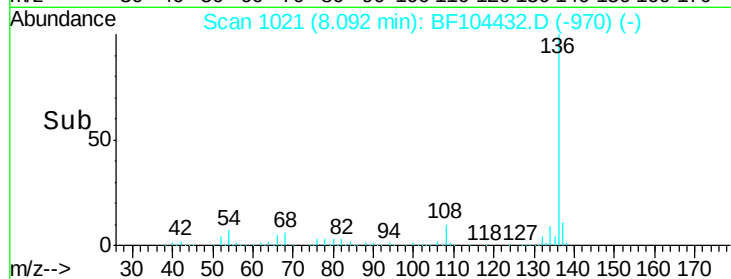
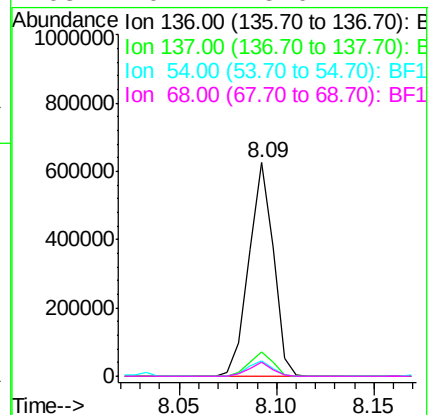
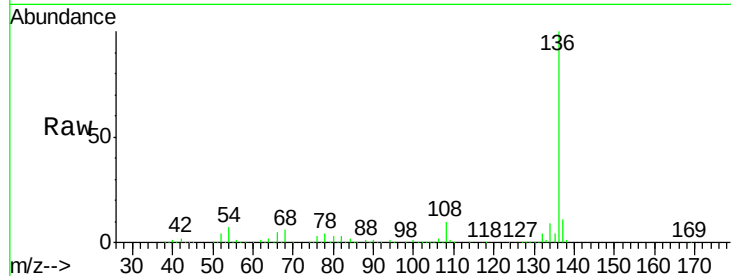




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

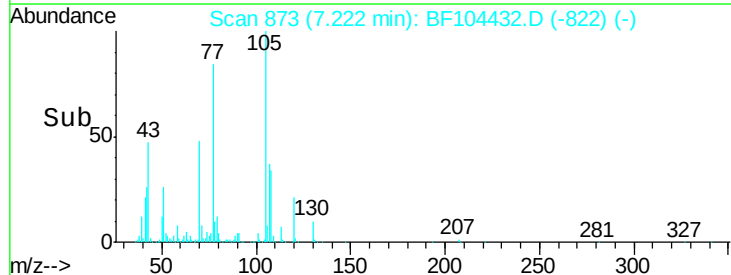
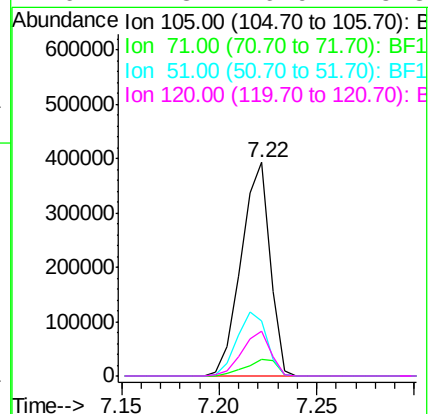
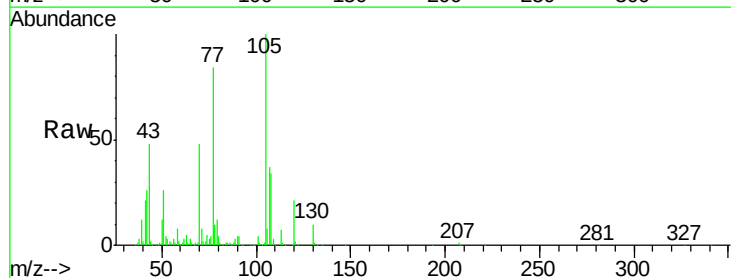
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

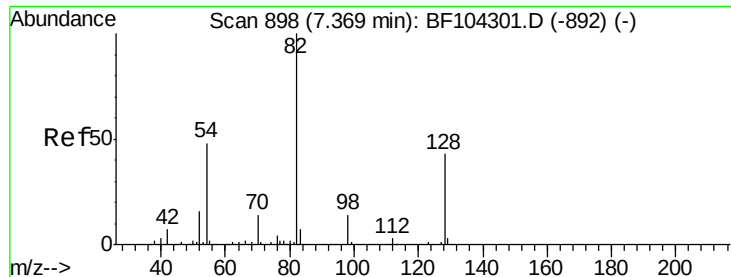
Tot Ion:136	Resp:	545353
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 7.2	6.6	9.8
68 6.4	5.0	7.4



#22
Acetophenone
Concen: 29.96 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt	Ion:105	Resp:	402298
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	26.0	22.3	33.5
120	21.3	16.9	25.3

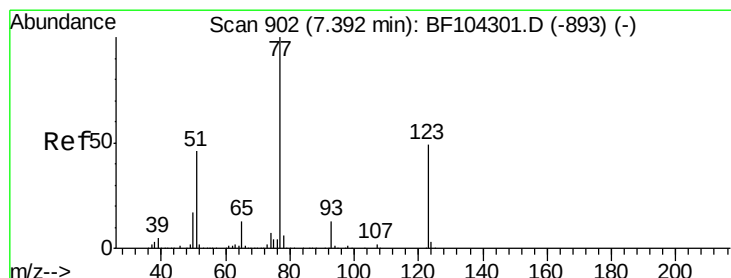
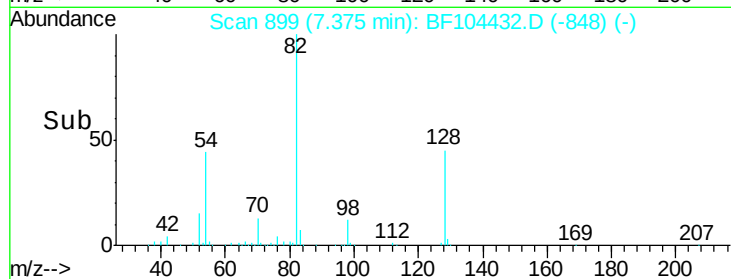
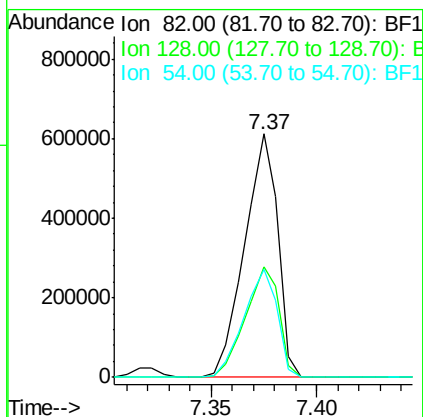
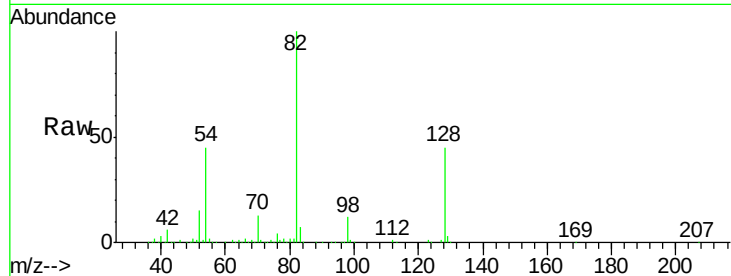




#23
 Nitrobenzene-d5
 Concen: 79.83 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

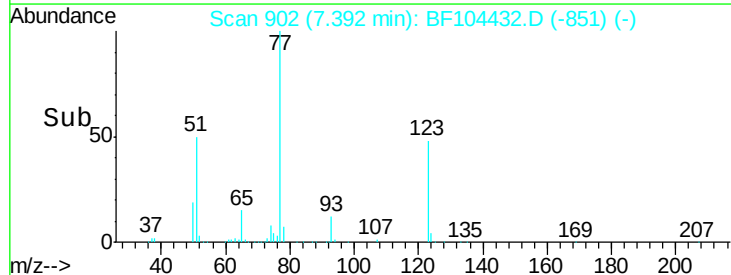
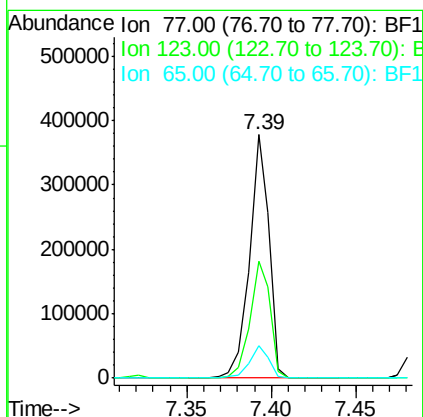
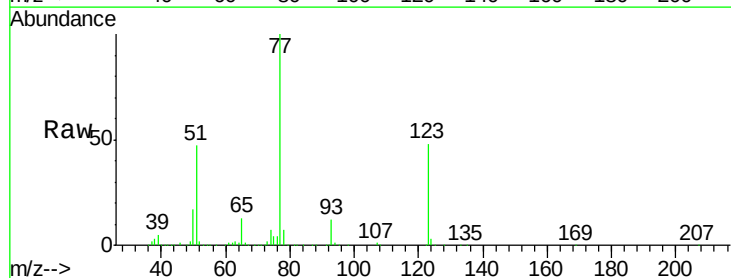
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

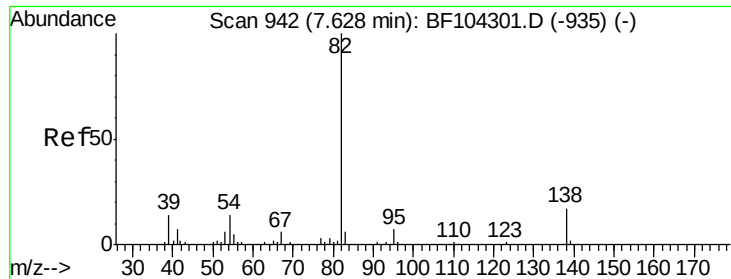
Tot Ion	82	Resp	666705
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	44.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 33.36 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	77	Resp	307569
Ion Ratio	100	Lower	Upper
123	48.0	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 28.08 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

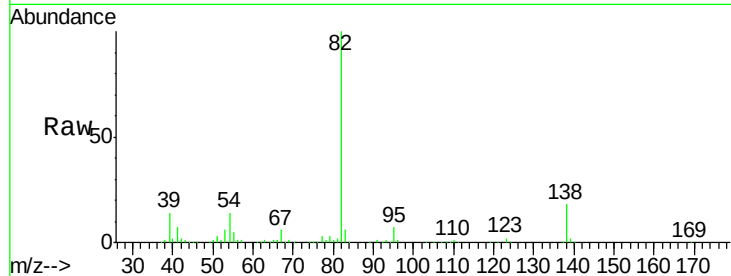
Tot Ion: 82 Resp: 495890

Ion Ratio Lower Upper

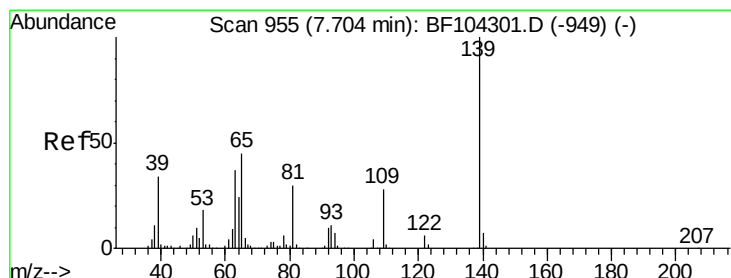
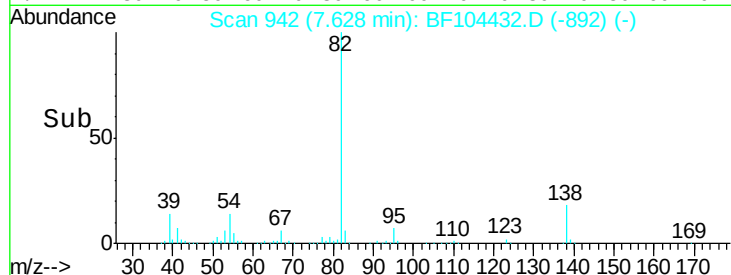
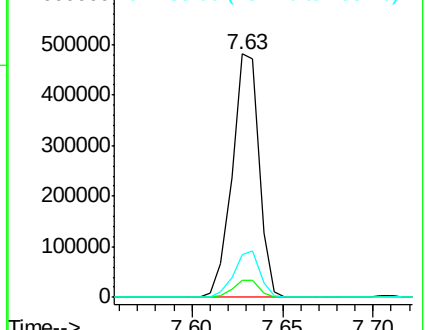
82 100

95 6.9 5.2 7.8

138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.38 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

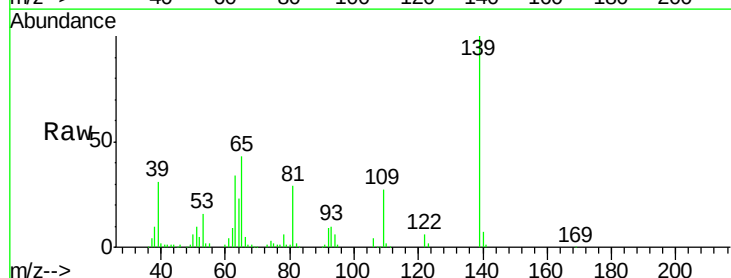
Tgt Ion: 139 Resp: 162856

Ion Ratio Lower Upper

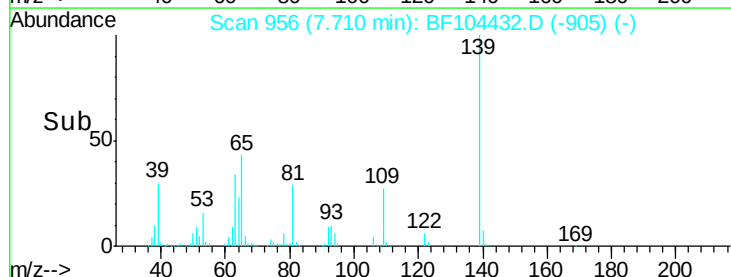
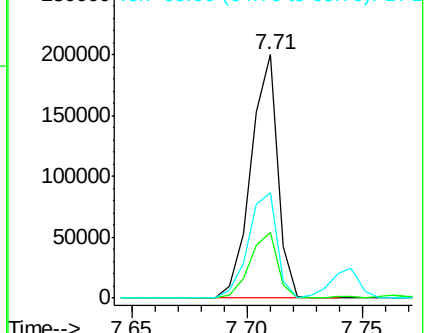
139 100

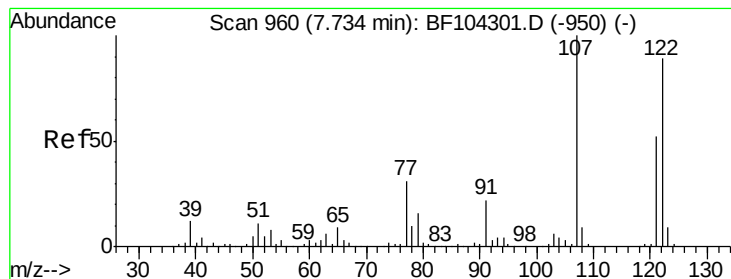
109 27.1 22.7 34.1

65 43.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 29.89 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

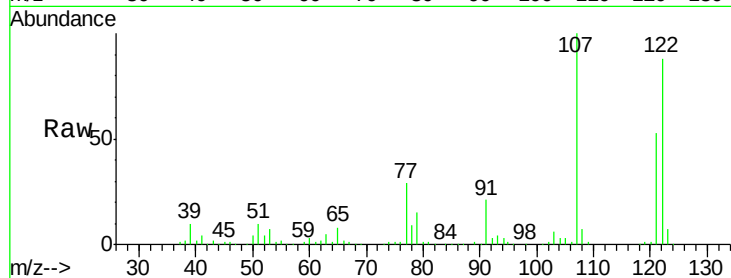
Tot Ion:122 Resp: 233002

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

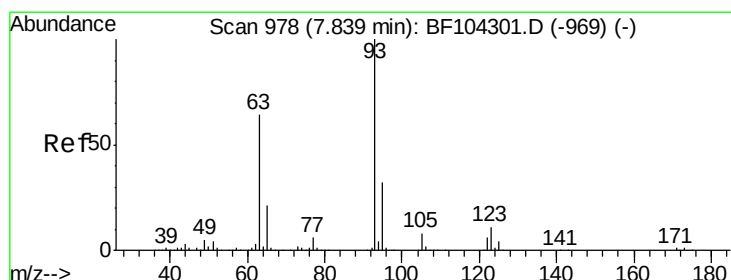
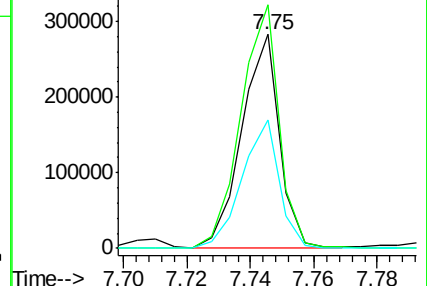
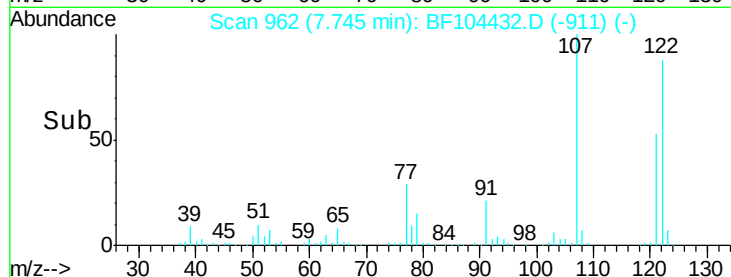
121 59.9 47.2 70.8



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: 32.10 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

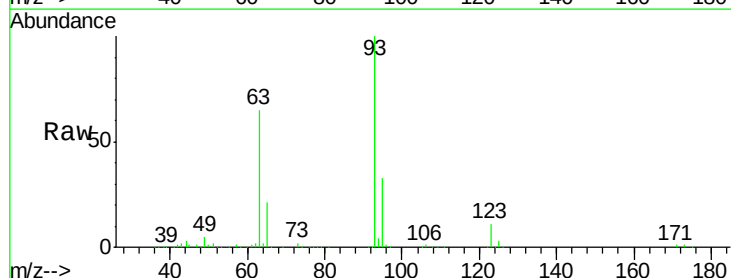
Tgt Ion: 93 Resp: 346574

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

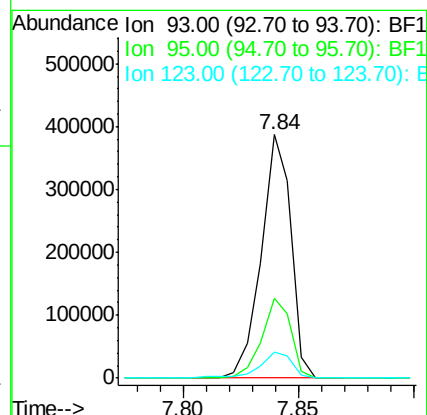
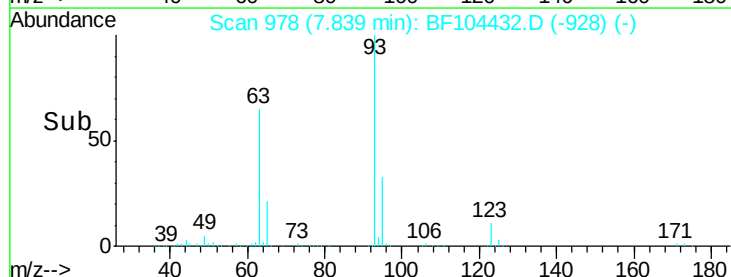
123 10.9 9.8 14.6

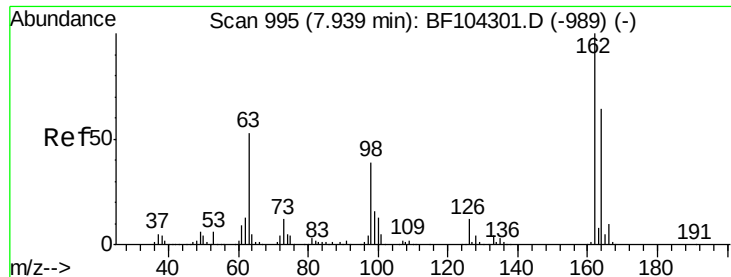


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.59 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

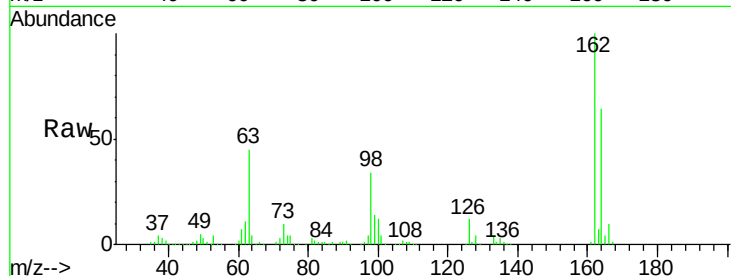
Tot Ion:162 Resp: 242383

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

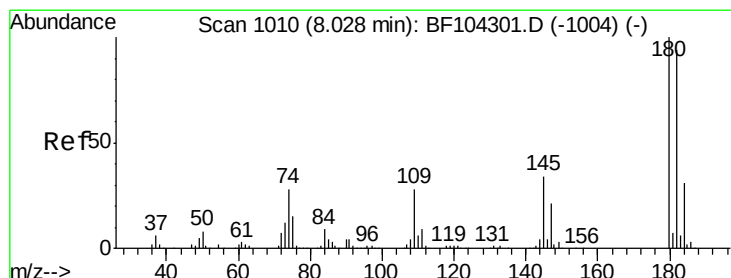
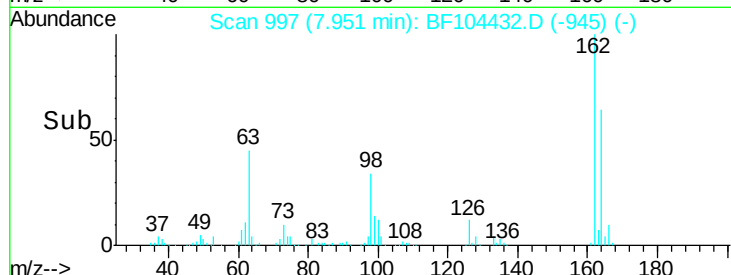
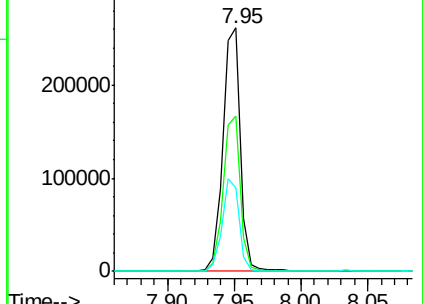
98 34.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 30.55 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

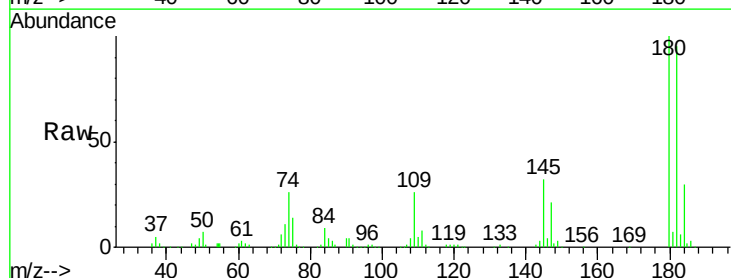
Tgt Ion:180 Resp: 249356

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

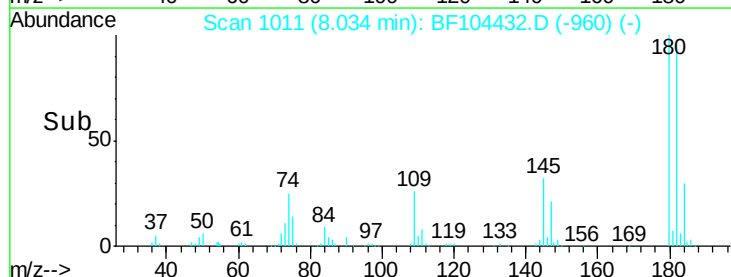
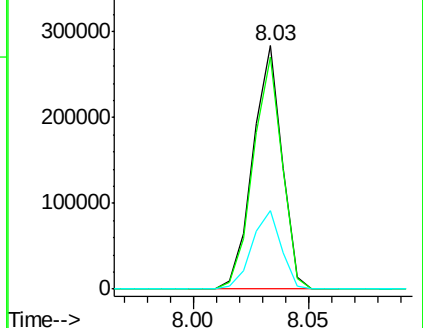
145 32.5 26.5 39.7

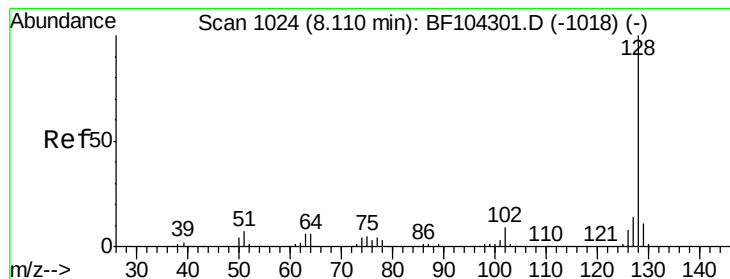


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.79 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

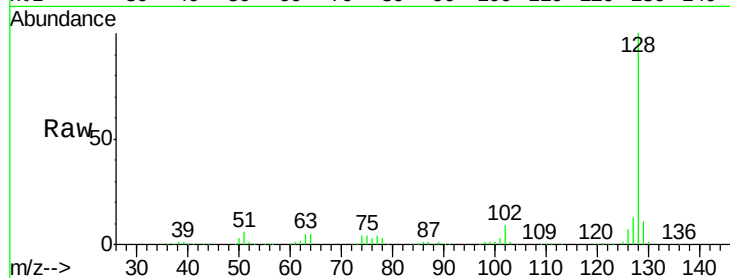
Tot Ion:128 Resp: 781845

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

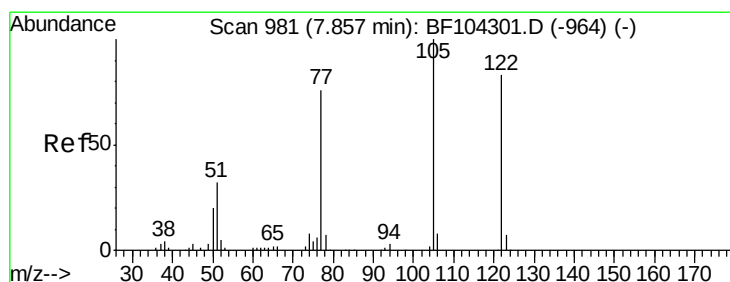
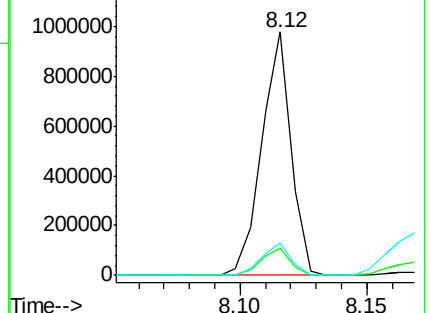
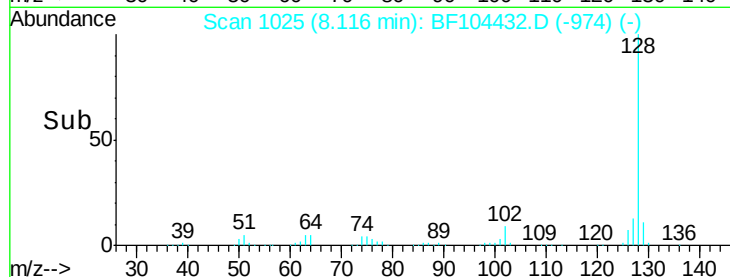
127 13.2 10.9 16.3



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: 7.01 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.05 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

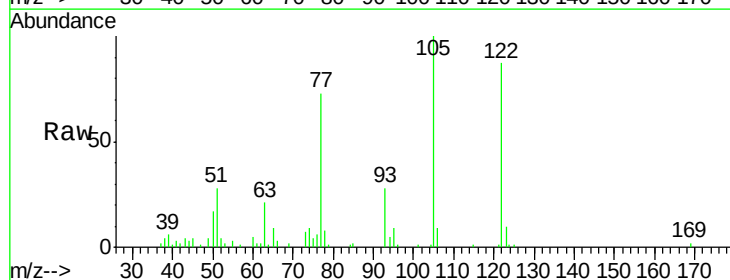
Tgt Ion:122 Resp: 43595

Ion Ratio Lower Upper

122 100

105 114.9 101.1 141.1

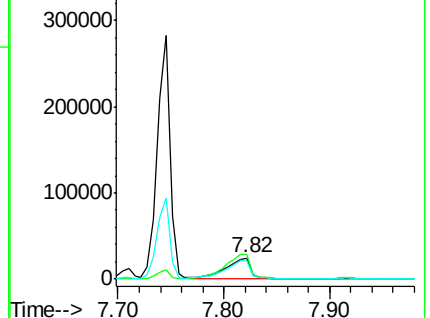
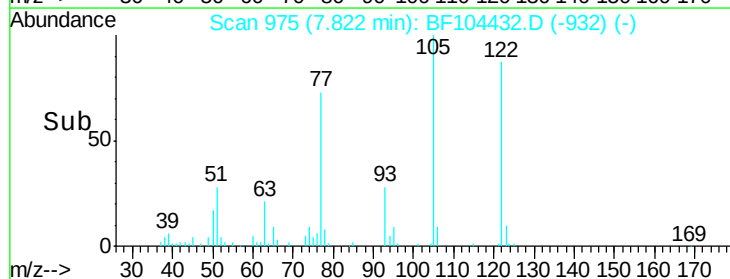
77 83.5 70.7 110.7

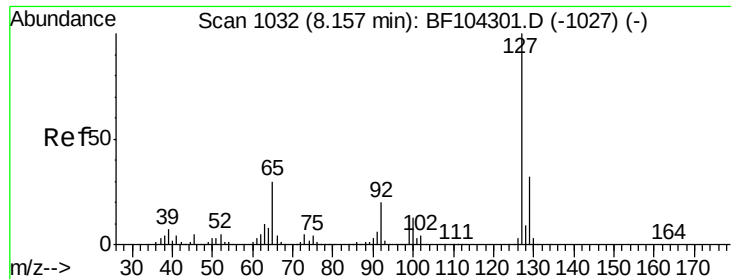


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

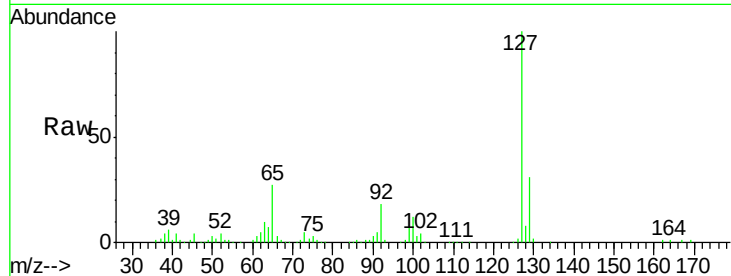




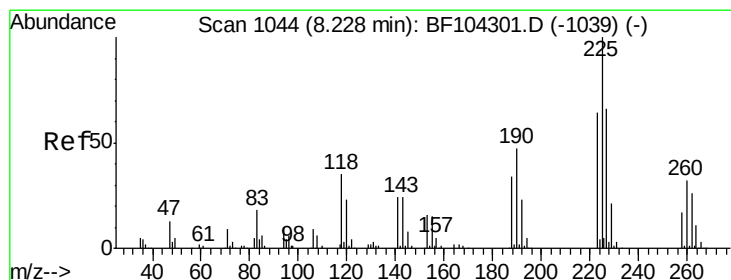
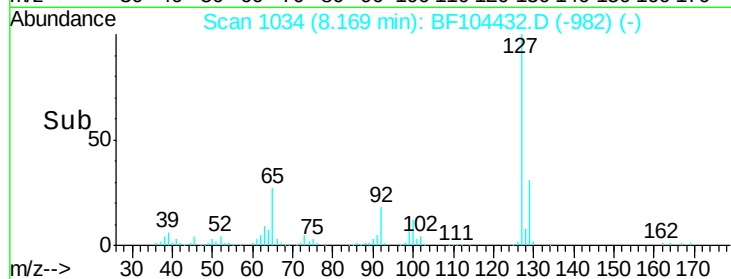
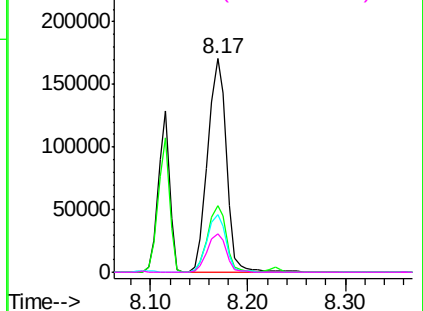
#33
4-Chloroaniline
Concen: 19.66 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:	127	Resp:	228689
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	27.1	25.0	37.4
92	18.2	15.2	22.8

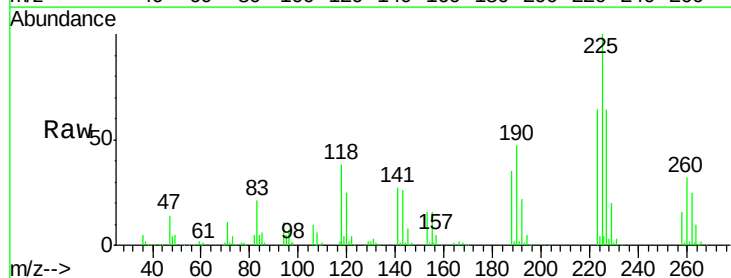


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

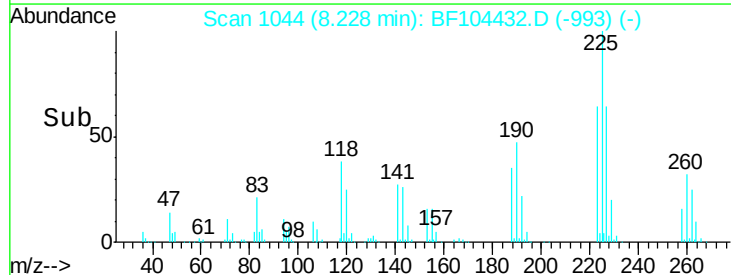
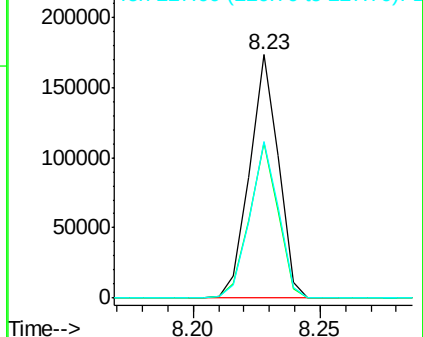


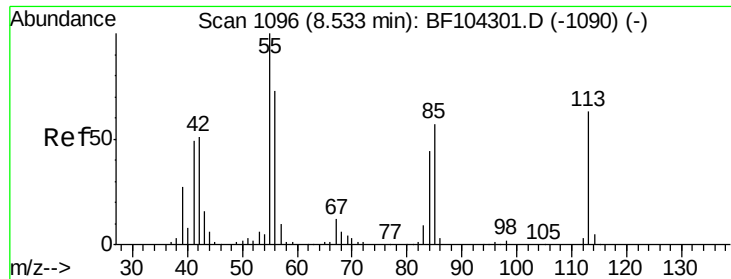
#34
Hexachlorobutadiene
Concen: 30.78 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:	225	Resp:	137586
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.4	51.9	77.9



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





#35

Caprolactam

Concen: 21.41 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

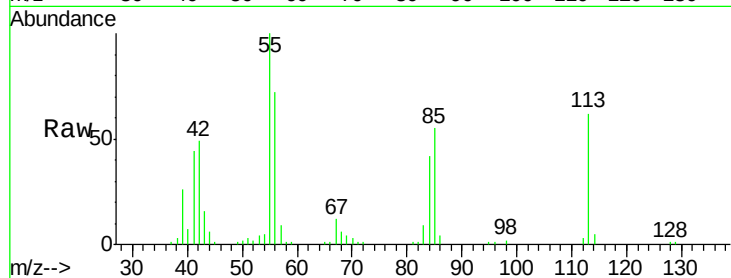
Tot Ion:113 Resp: 55549

Ion Ratio Lower Upper

113 100

55 162.6 163.3 203.3#

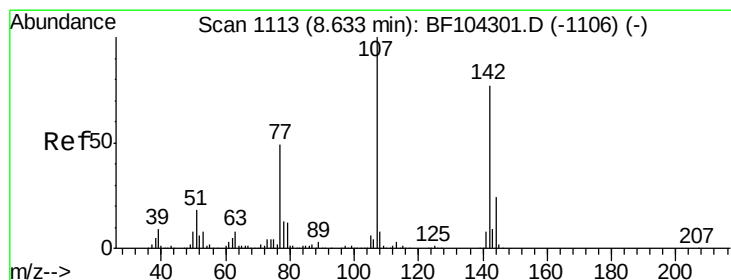
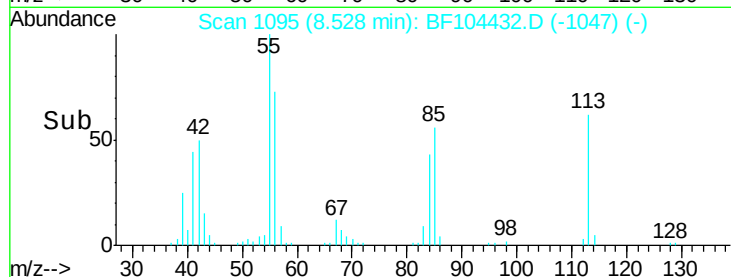
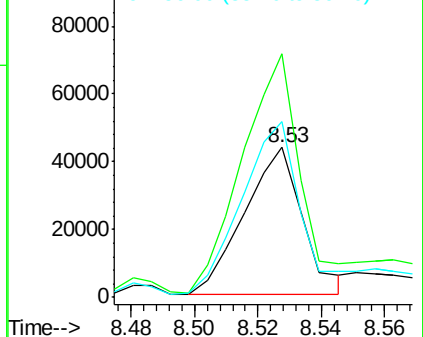
56 117.8 115.7 155.7



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: 32.08 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

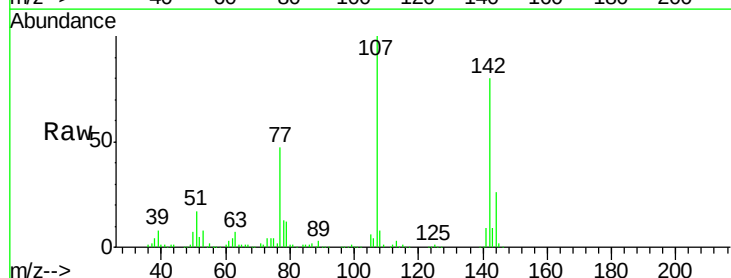
Tgt Ion:107 Resp: 255835

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

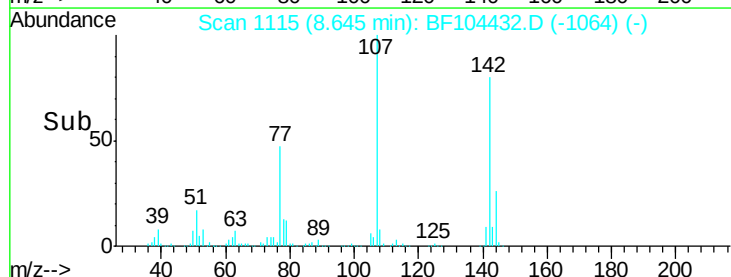
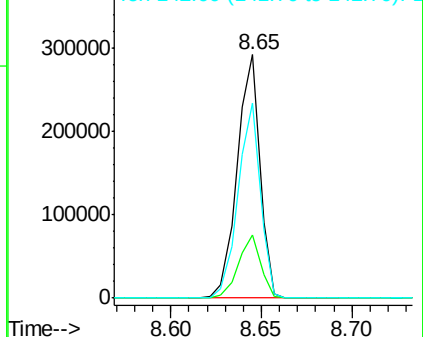
142 80.3 62.0 93.0

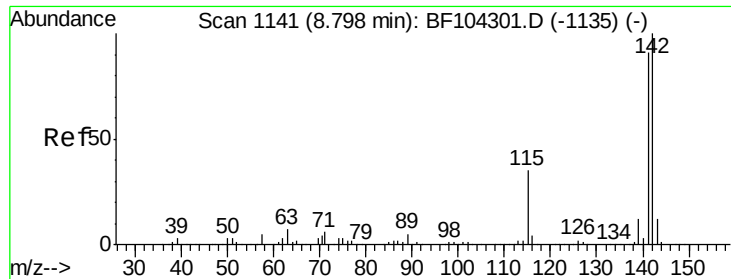


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

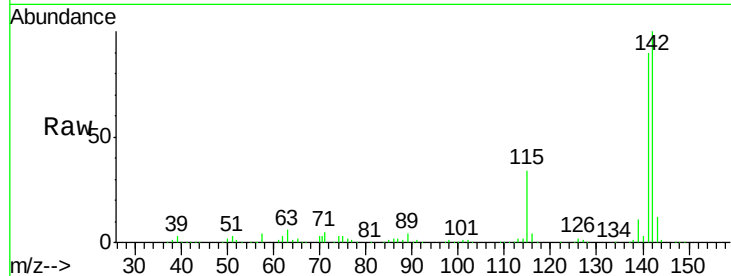




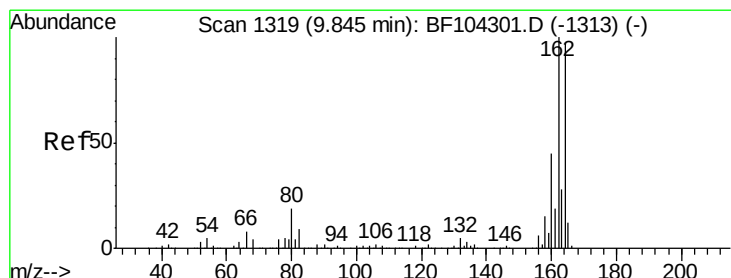
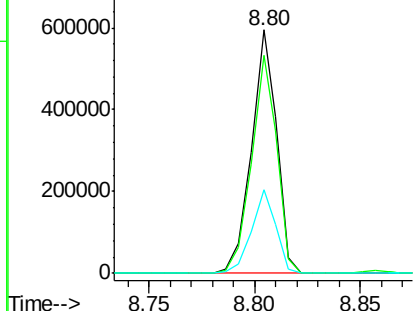
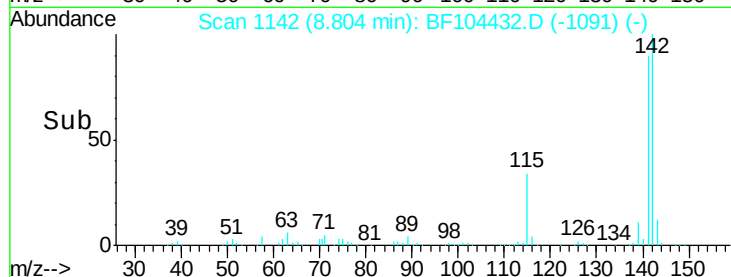
#37
 2-Methylnaphthalene
 Concen: 28.03 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.4	26.1	39.1

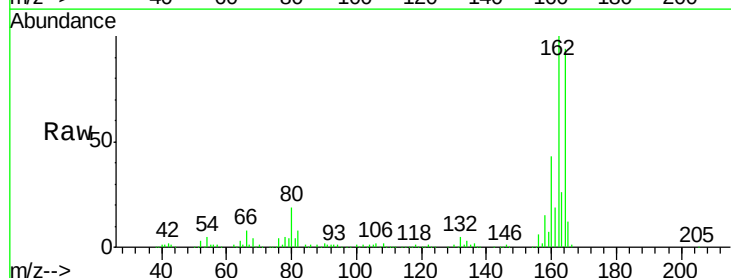


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

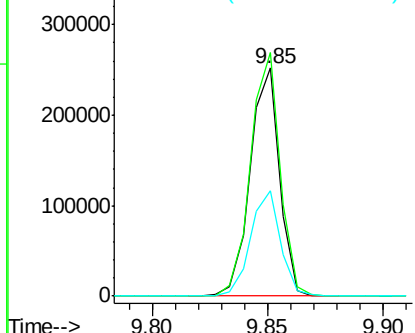
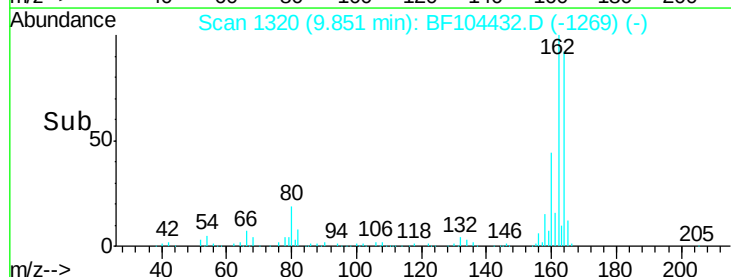


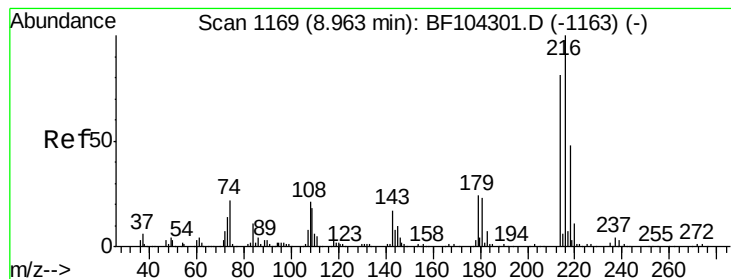
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.4	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: 34.46 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

Tot Ion:216 Resp: 220391

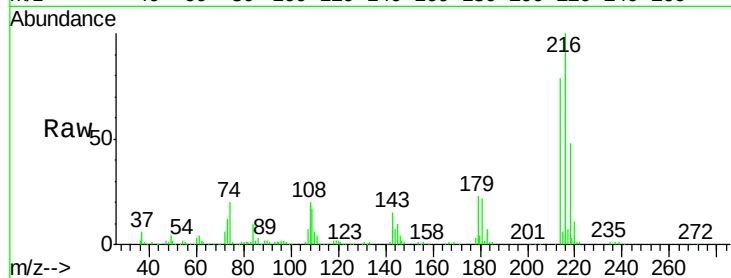
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.8 18.1 27.1

108 21.8 17.2 25.8

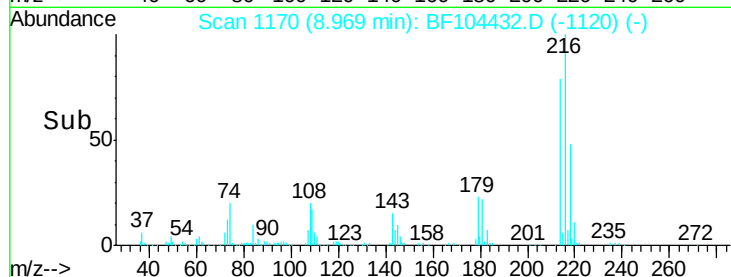


Abundance Ion 216.00 (215.70 to 216.70): E

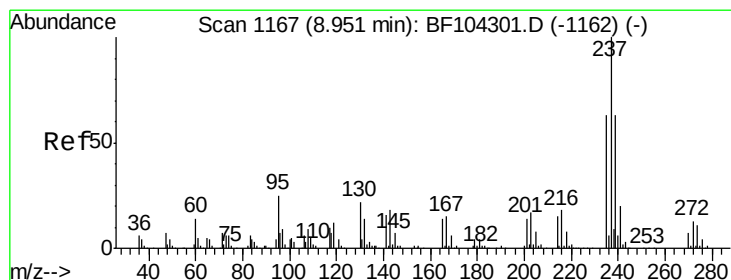
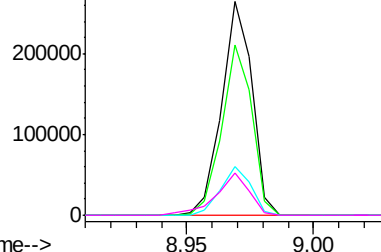
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.09 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

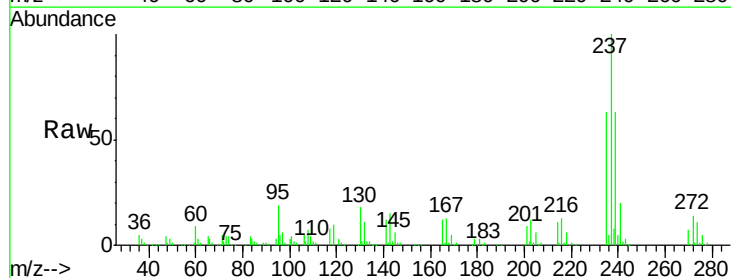
Tgt Ion:237 Resp: 150715

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

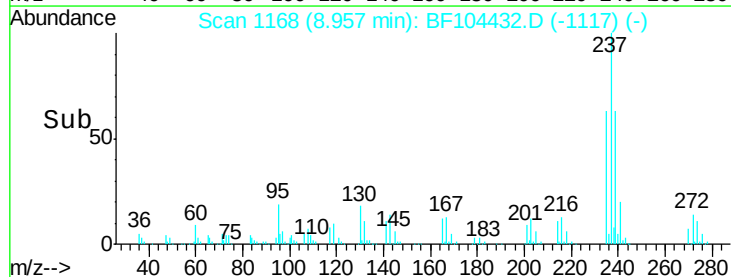
272 13.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

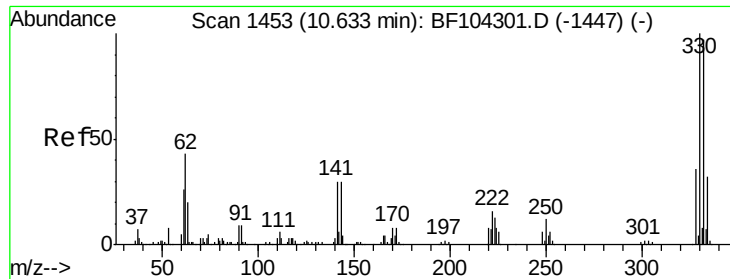
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

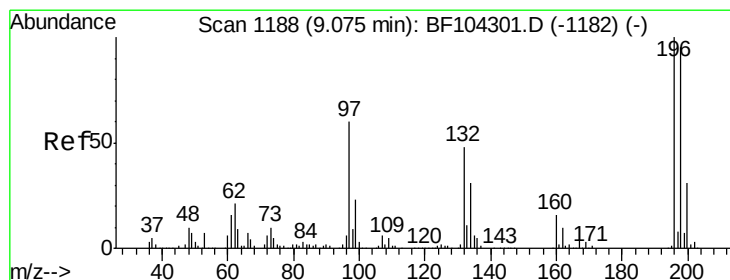
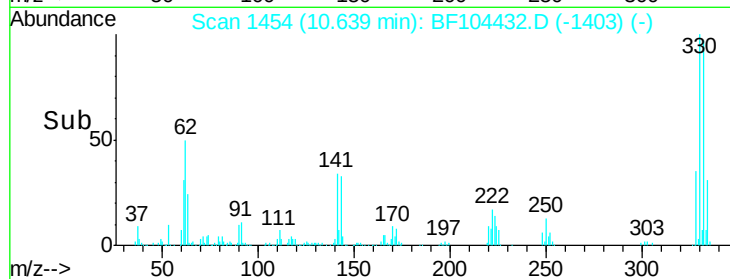
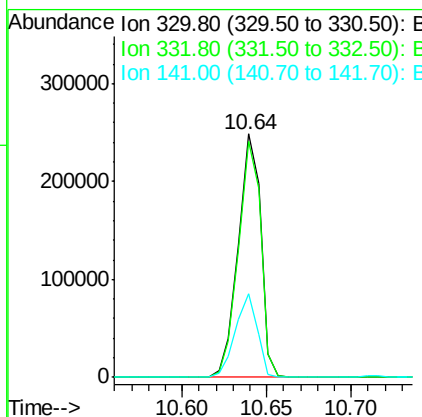
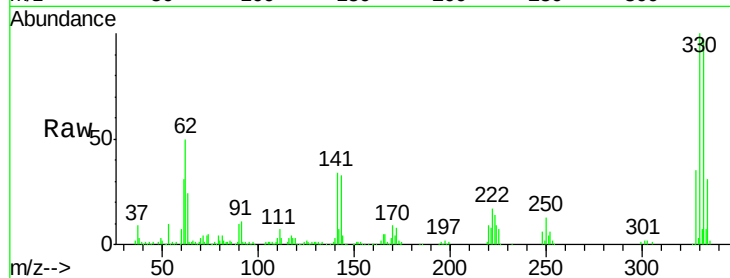




#41
 2,4,6-Tribromophenol
 Concen: 99.89 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

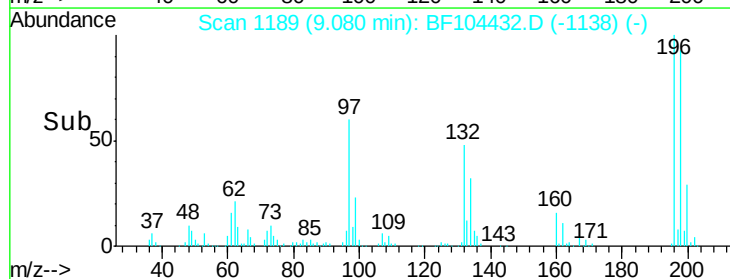
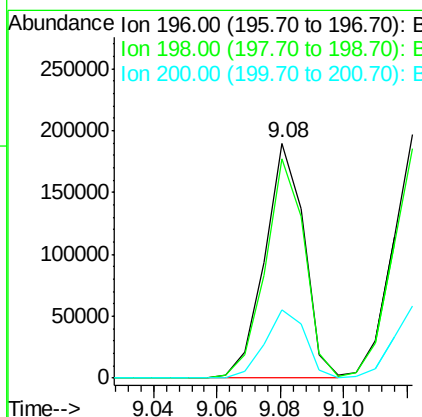
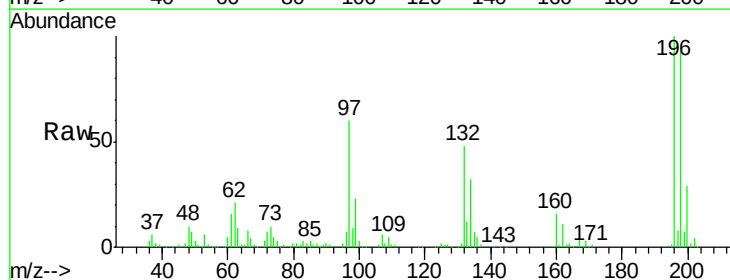
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

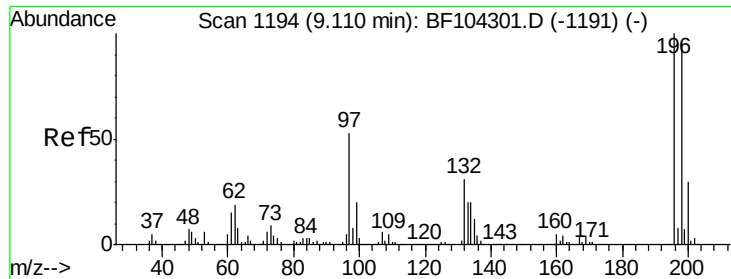
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.90 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
200	29.3	24.5	36.7

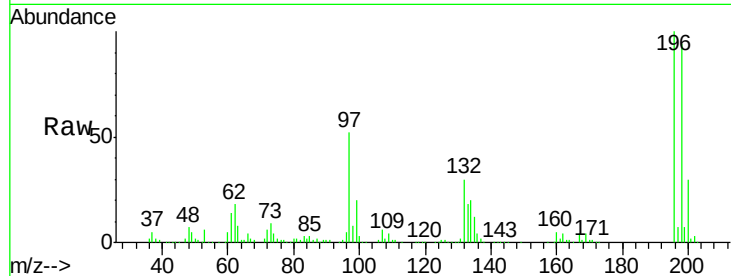




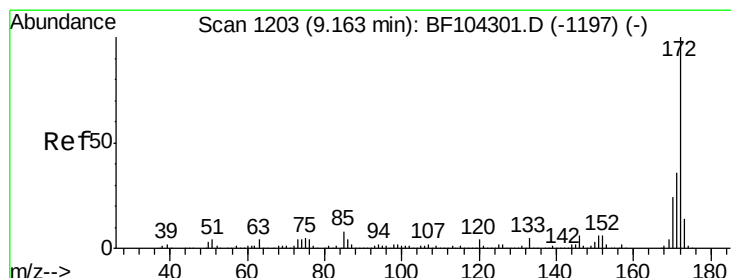
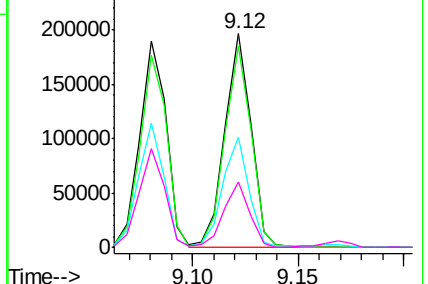
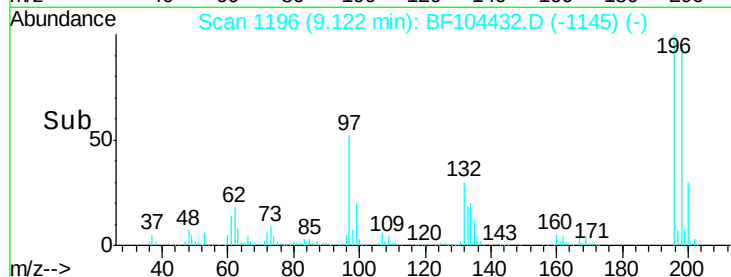
#43
 2,4,5-Trichlorophenol
 Concen: 33.74 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion:	196	Resp:	167646
Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	51.6	42.9	64.3
132	30.4	26.3	39.5

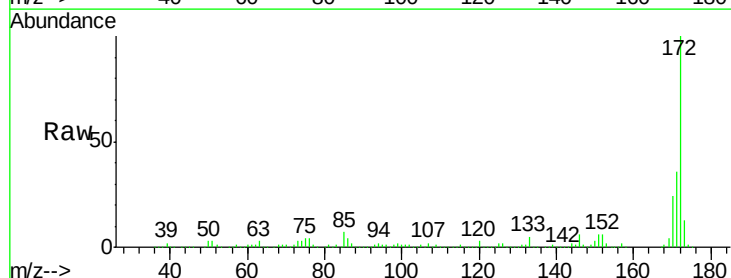


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

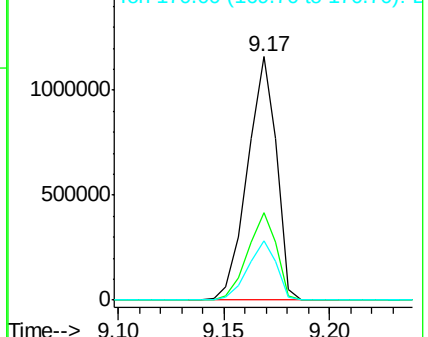
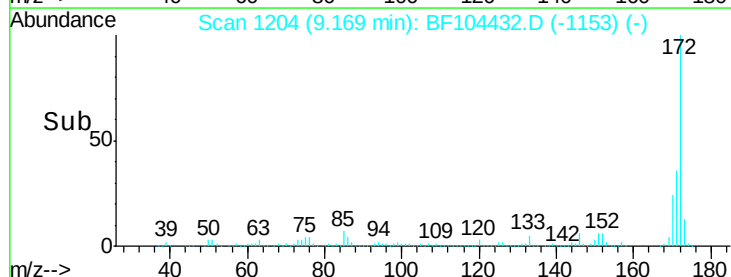


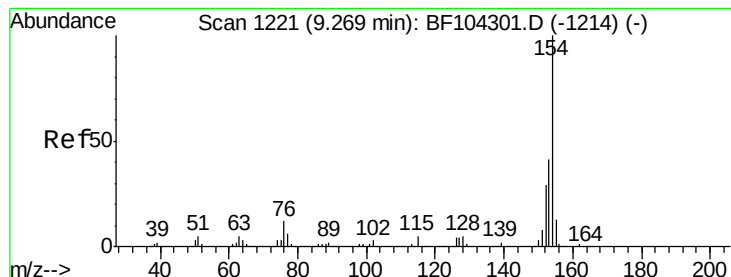
#44
 2-Fluorobiphenyl
 Concen: 78.00 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:	172	Resp:	1103100
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 33.64 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

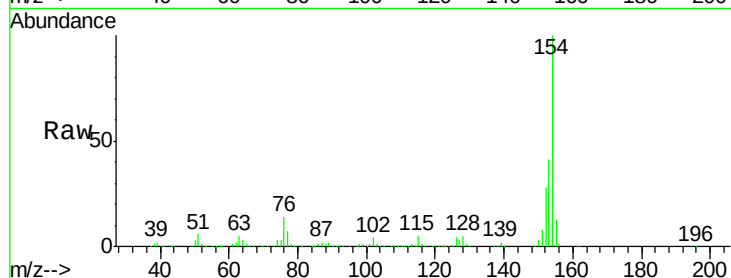
Tot Ion:154 Resp: 631414

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

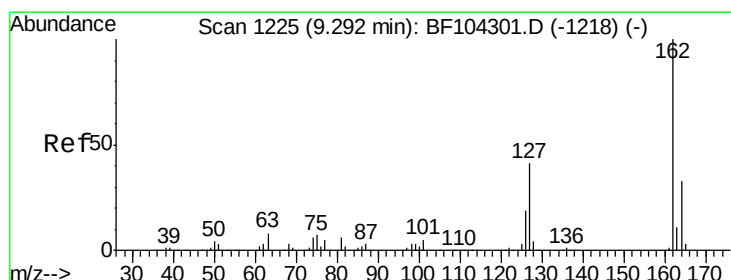
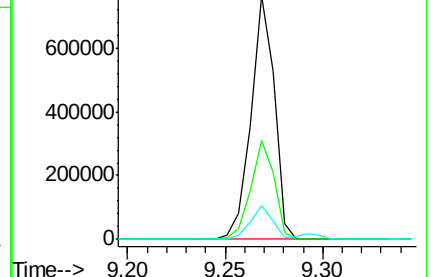
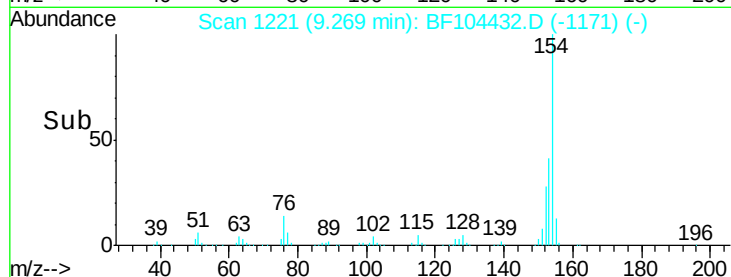
76 13.8 0.0 34.0



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: 33.48 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

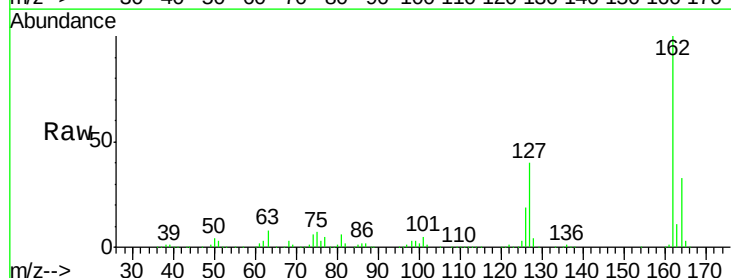
Tgt Ion:162 Resp: 496268

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

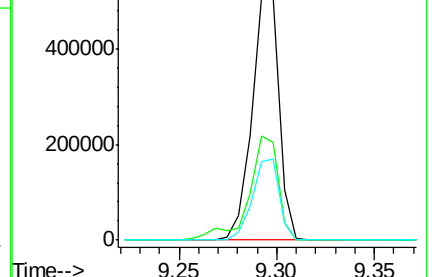
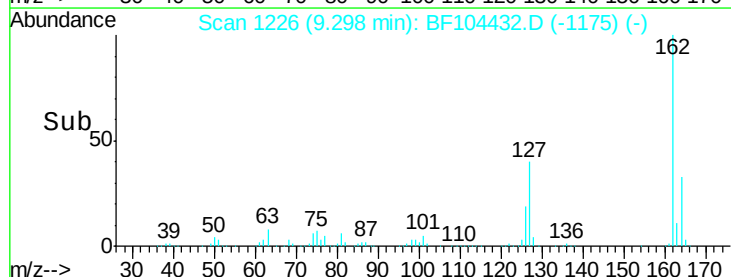
164 33.1 26.5 39.7

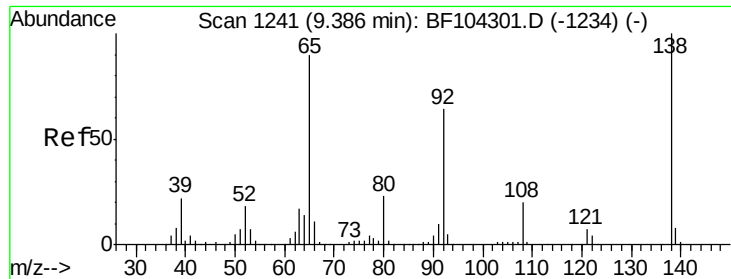


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

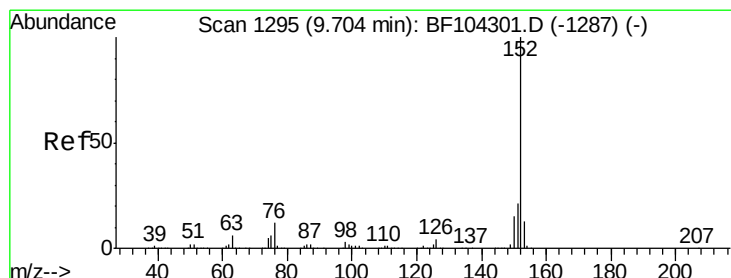
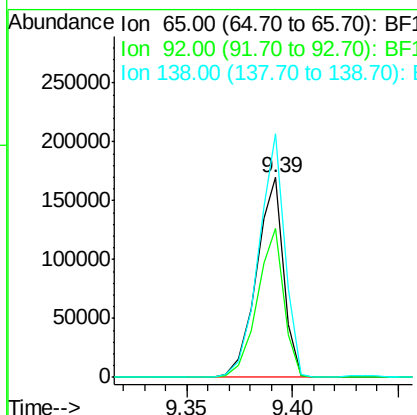
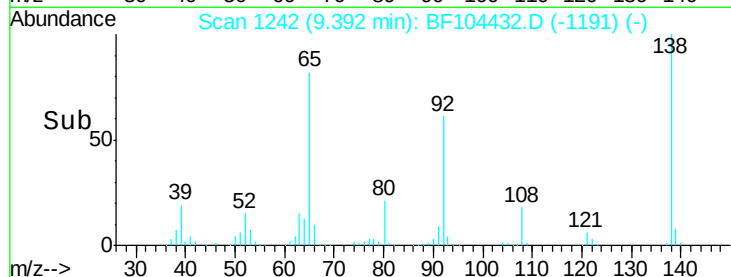
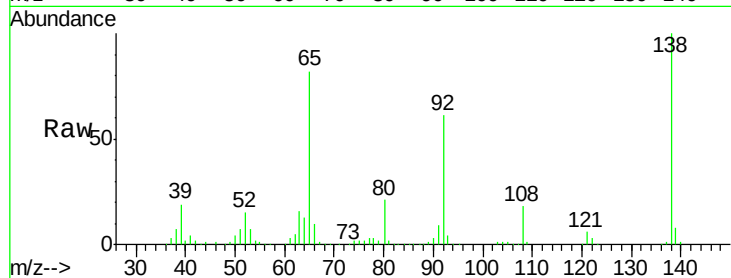




#47
 2-Nitroaniline
 Concen: 41.34 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

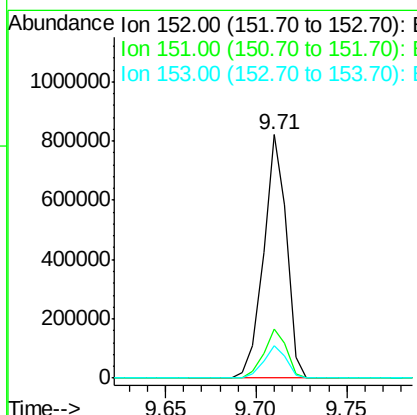
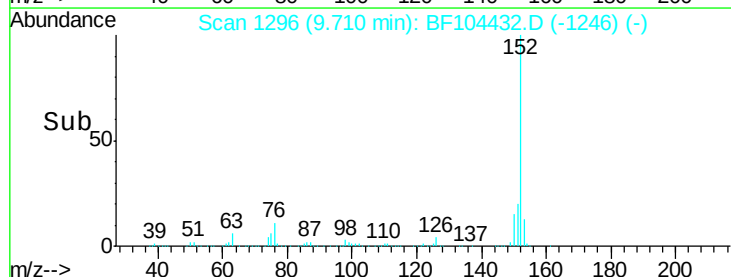
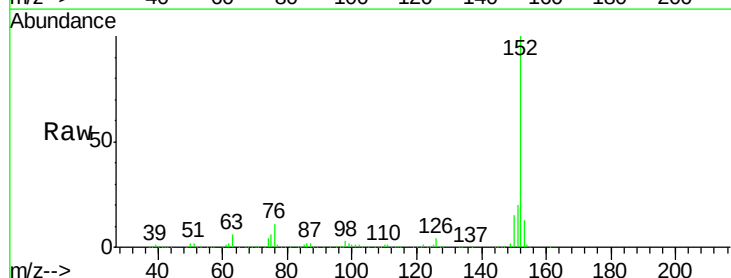
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

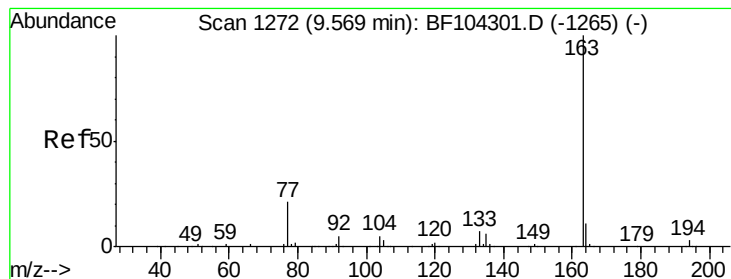
Tot Ion: 65 Resp: 151552
 Ion Ratio Lower Upper
 65 100
 92 74.7 55.8 83.6
 138 122.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.84 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion: 152 Resp: 717264
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 36.18 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

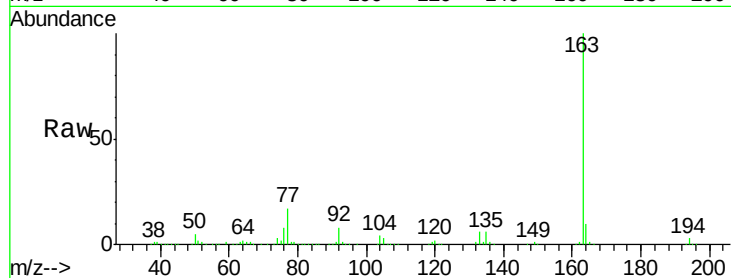
Tot Ion:163 Resp: 637401

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

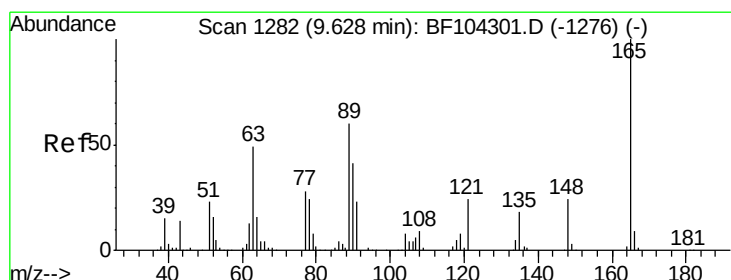
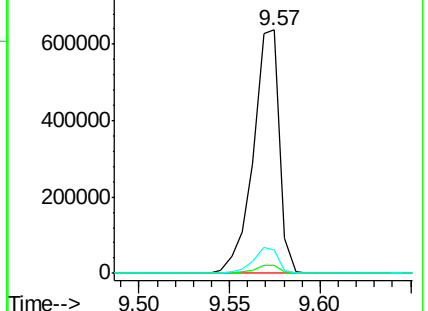
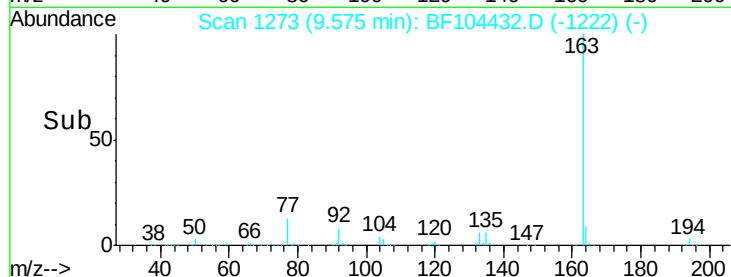
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.92 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

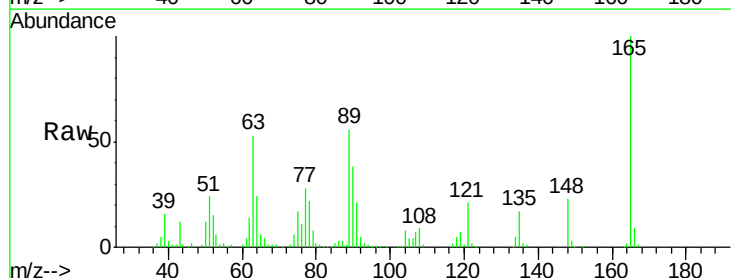
Tgt Ion:165 Resp: 126863

Ion Ratio Lower Upper

165 100

63 52.9 44.7 67.1

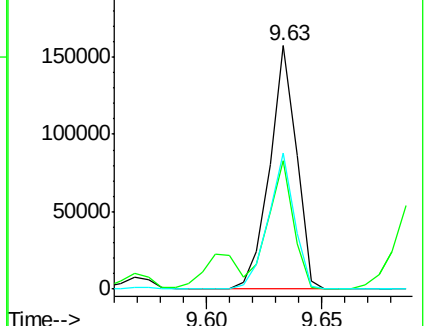
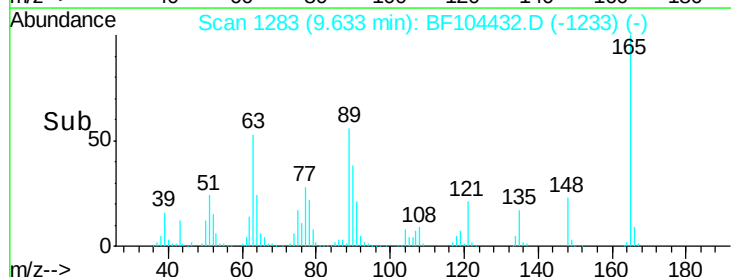
89 55.7 44.0 66.0

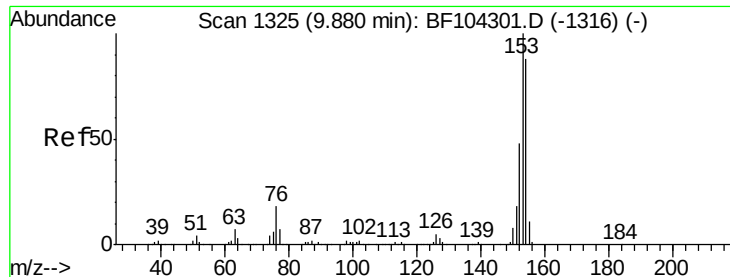


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.49 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

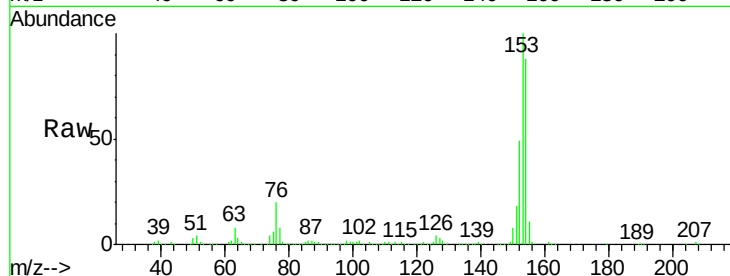
Tot Ion:154 Resp: 446841

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

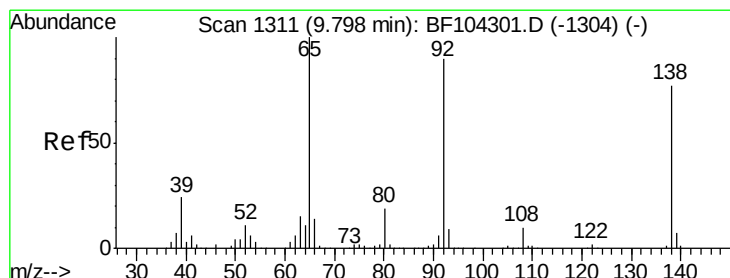
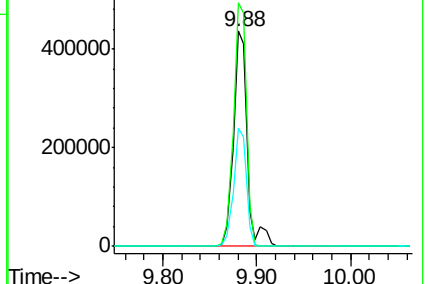
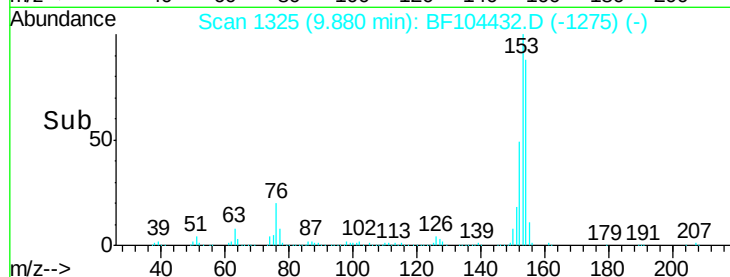
152 55.2 43.8 65.8



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: 28.28 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

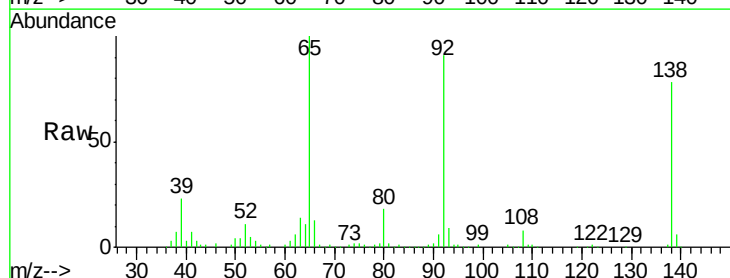
Tgt Ion:138 Resp: 107942

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

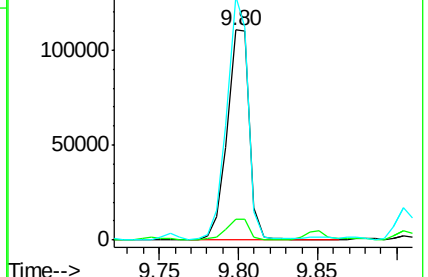
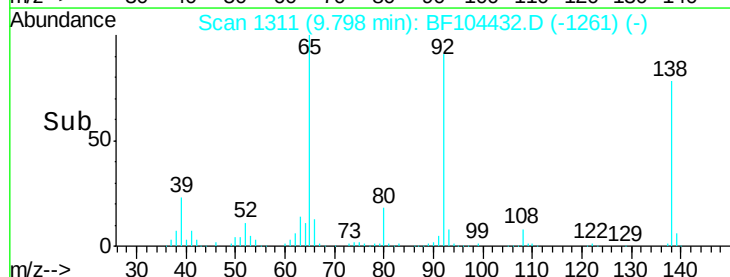
92 116.0 89.4 134.2

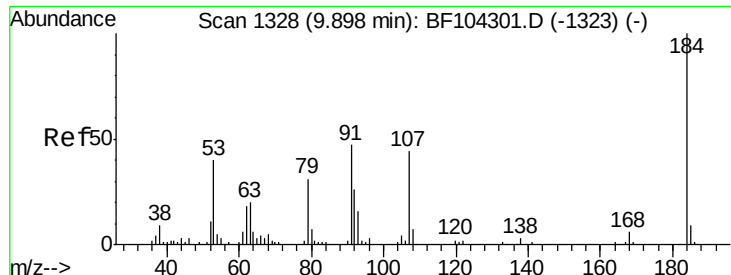


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

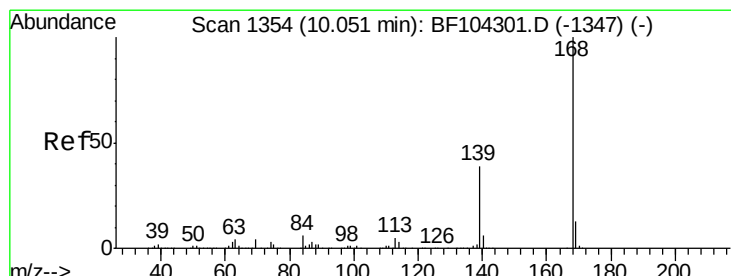
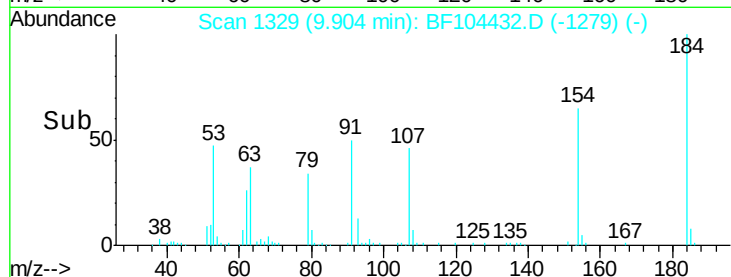
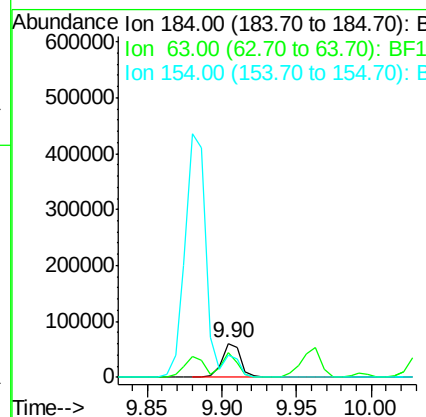
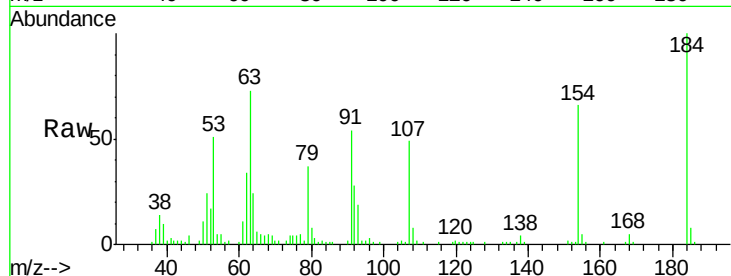




#53
2,4-Dinitrophenol
Concen: 49.49 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

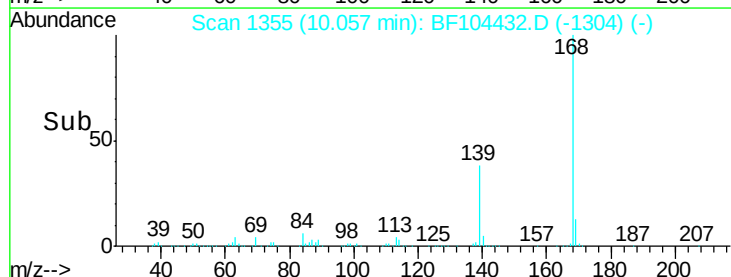
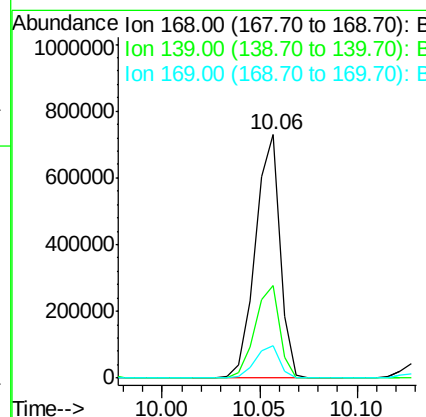
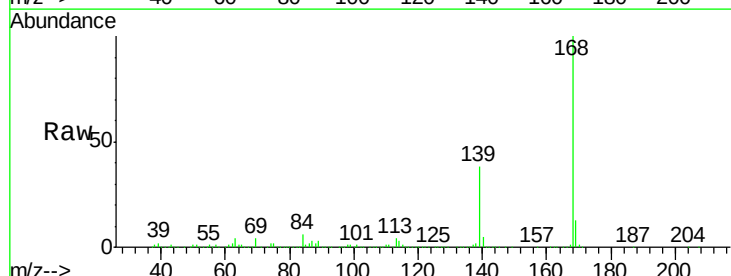
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

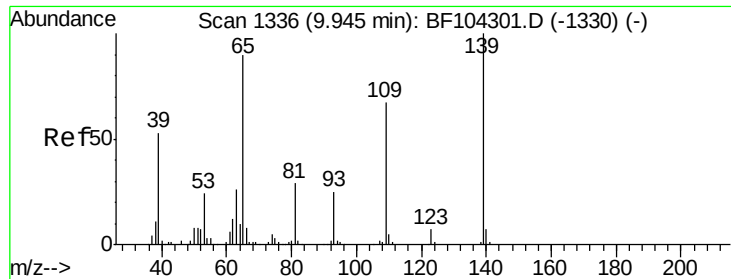
Tot Ion:184 Resp: 53832
Ion Ratio Lower Upper
184 100
63 73.4 54.2 81.2
154 65.7 184.0 276.0#



#54
Dibenzofuran
Concen: 32.11 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:168 Resp: 635068
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.4 10.9 16.3

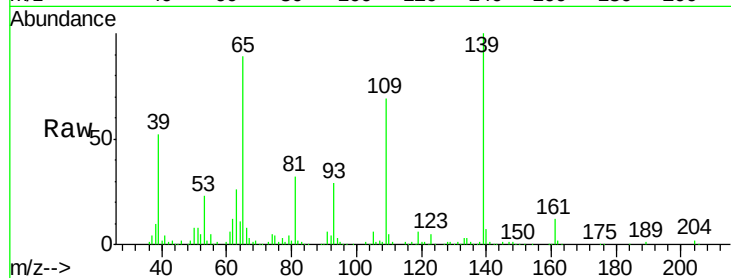




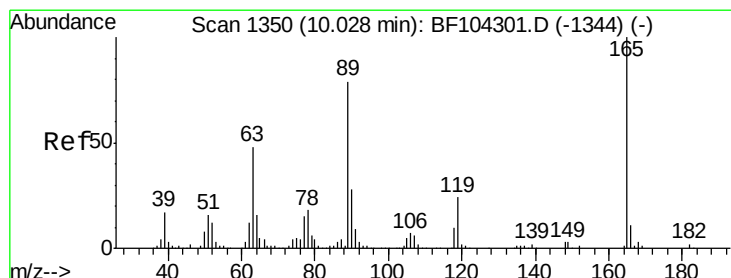
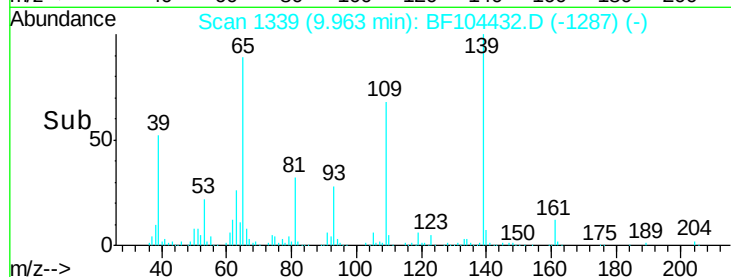
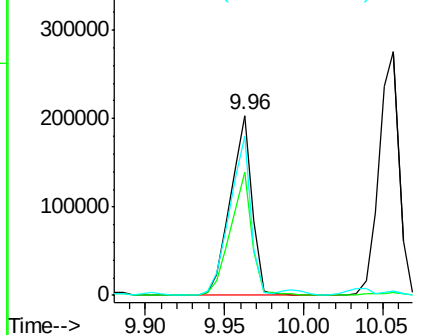
#55
4-Nitrophenol
Concen: 65.25 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:139 Resp: 195614
Ion Ratio Lower Upper
139 100
109 68.7 48.4 88.4
65 88.7 72.6 112.6

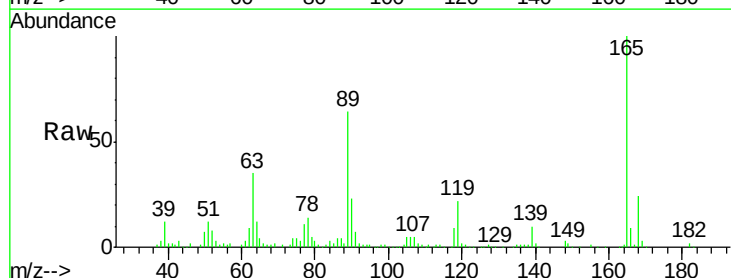


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

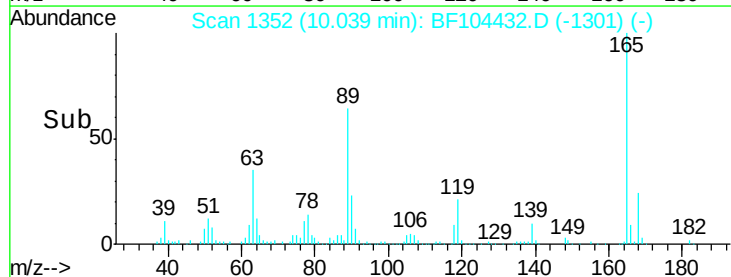
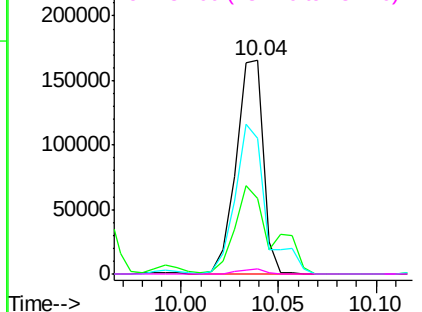


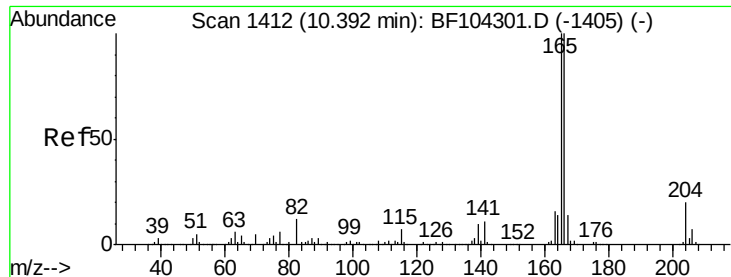
#56
2,4-Dinitrotoluene
Concen: 37.45 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:165 Resp: 160160
Ion Ratio Lower Upper
165 100
63 35.4 36.4 54.6#
89 63.6 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: 30.41 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

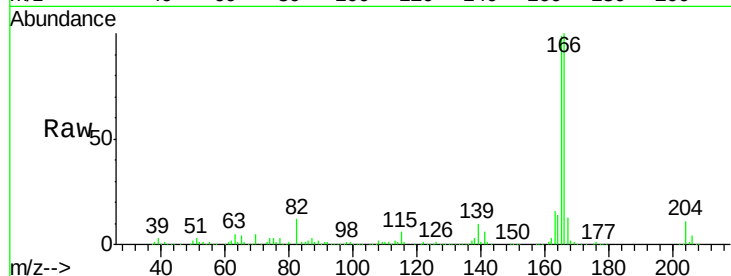
Tot Ion:166 Resp: 437806

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

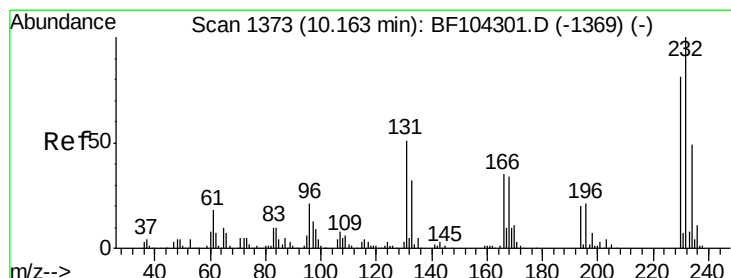
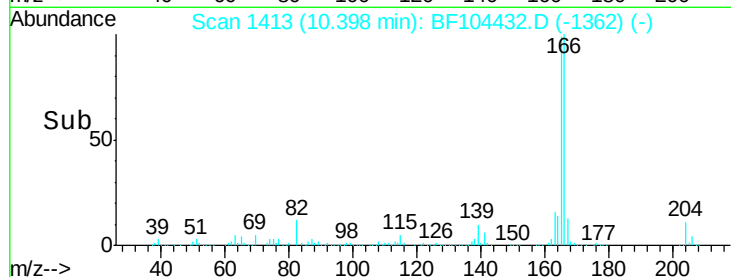
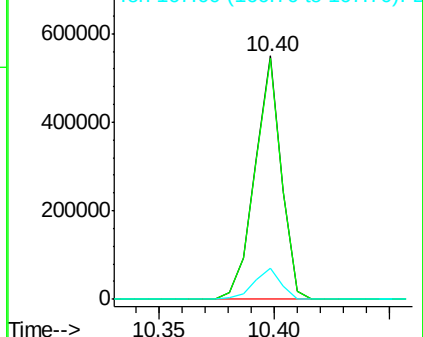
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.16 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:232 Resp: 119210

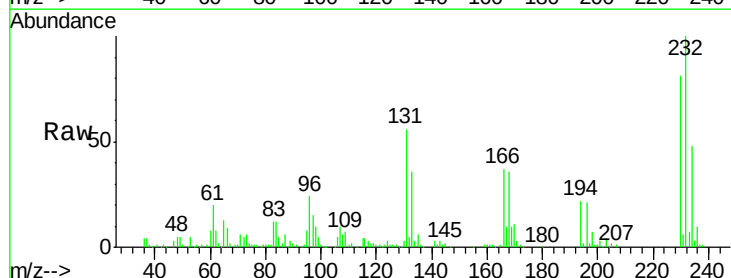
Ion Ratio Lower Upper

232 100

131 49.3 43.8 65.8

130 2.6 2.1 3.1

166 33.7 27.8 41.6

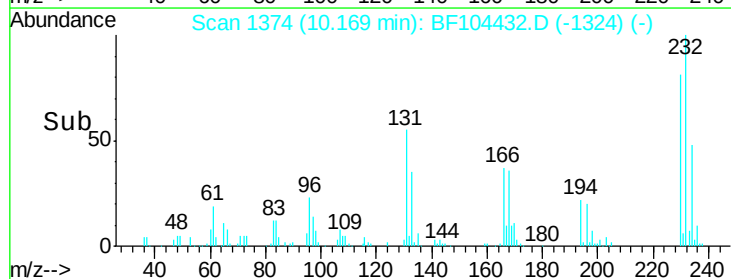
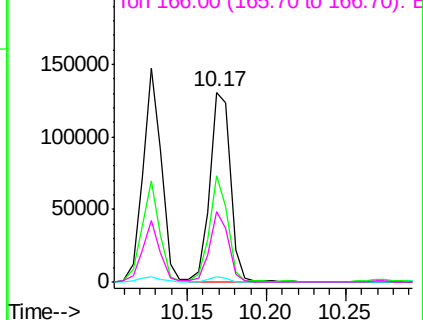


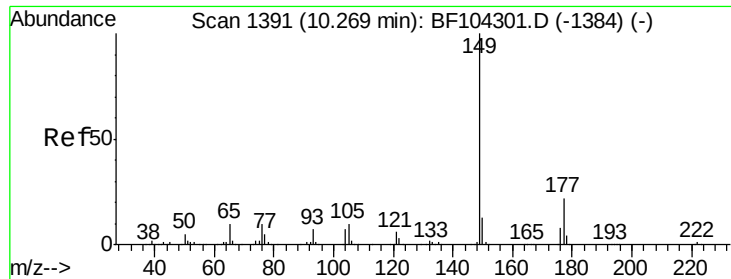
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 31.00 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

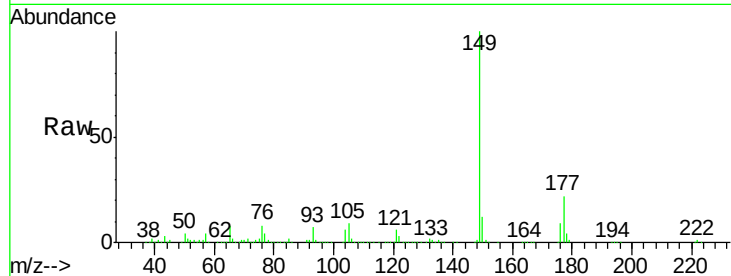
Tot Ion:149 Resp: 543912

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

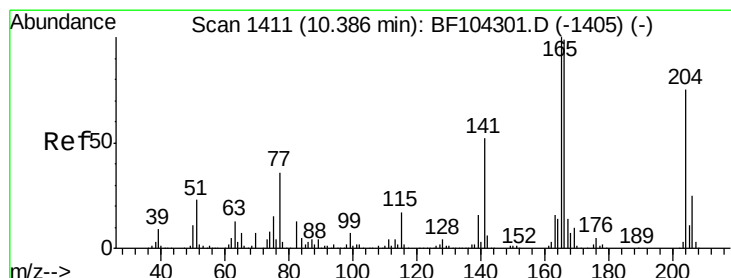
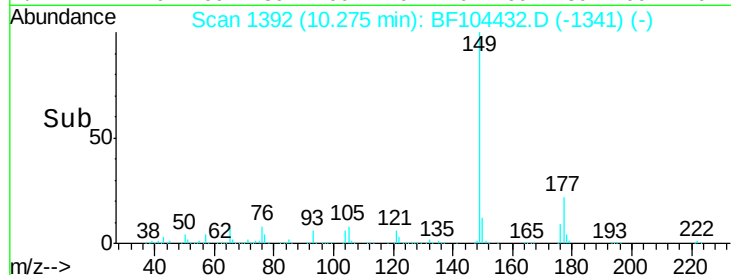
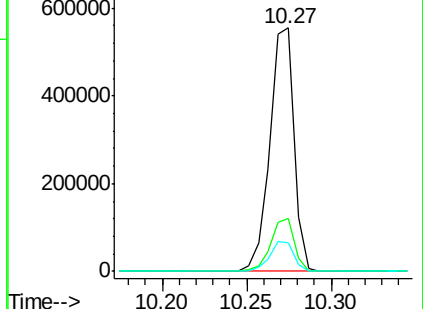
150 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.26 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

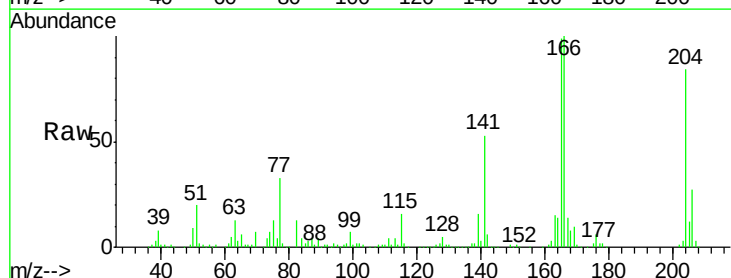
Tgt Ion:204 Resp: 226021

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

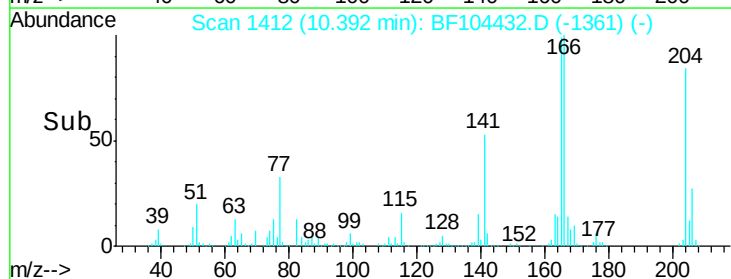
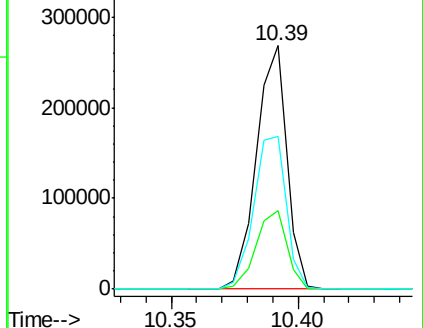
141 62.6 54.6 81.8

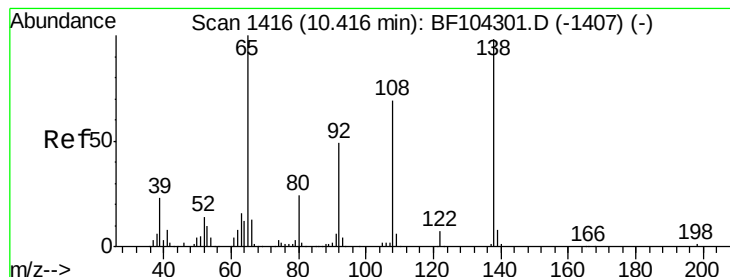


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.29 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

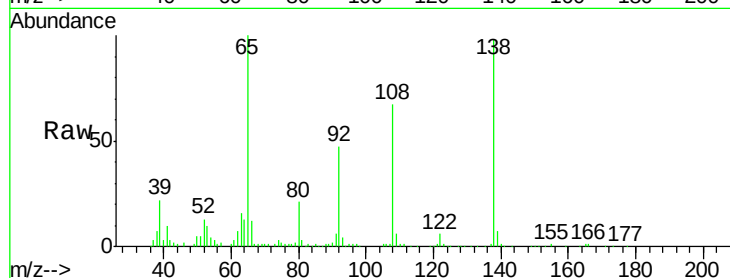
Tot Ion:138 Resp: 116746

Ion Ratio Lower Upper

138 100

92 48.5 30.2 70.2

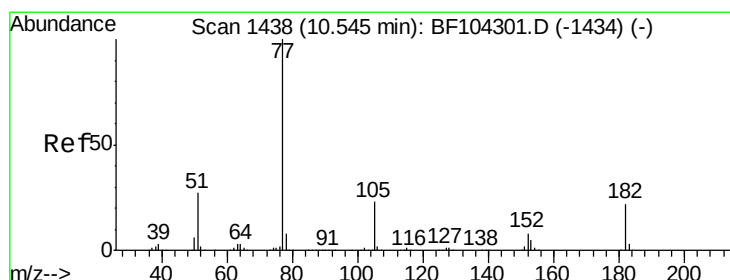
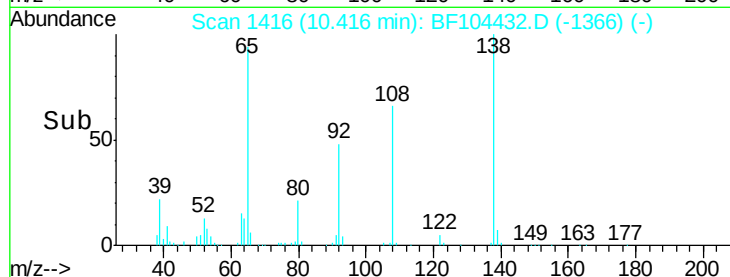
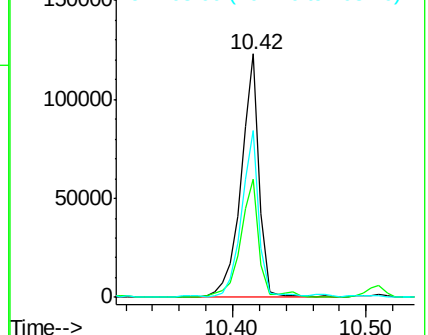
108 68.8 52.5 92.5



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: 29.79 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion: 77 Resp: 499319

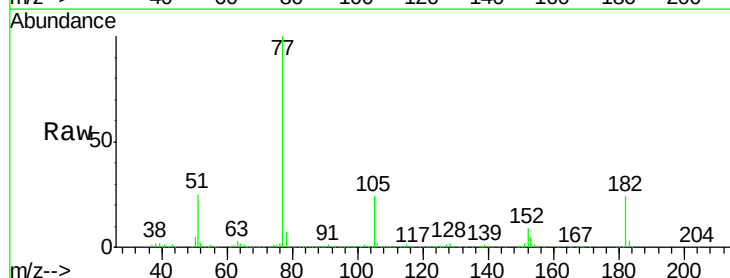
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 24.0 3.0 43.0

51 25.5 9.9 49.9

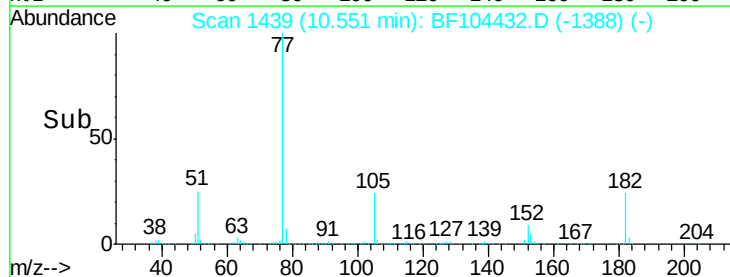
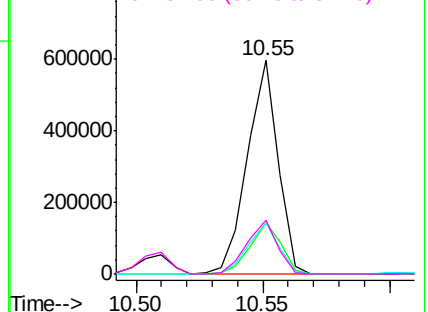


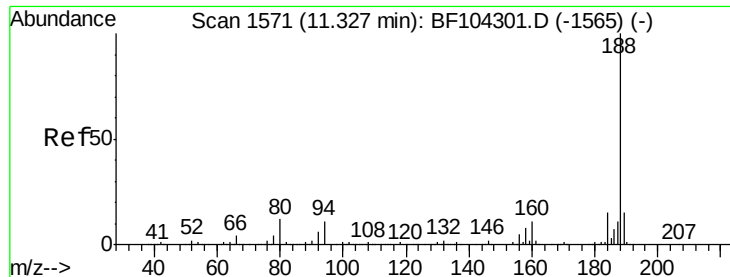
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

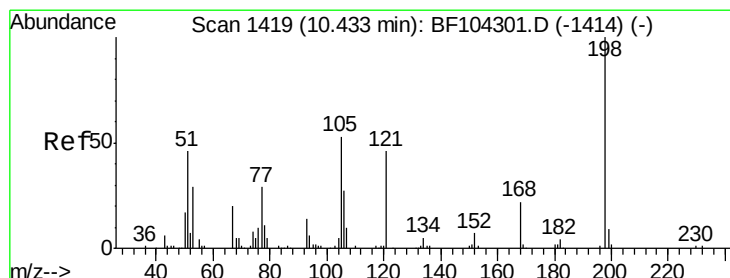
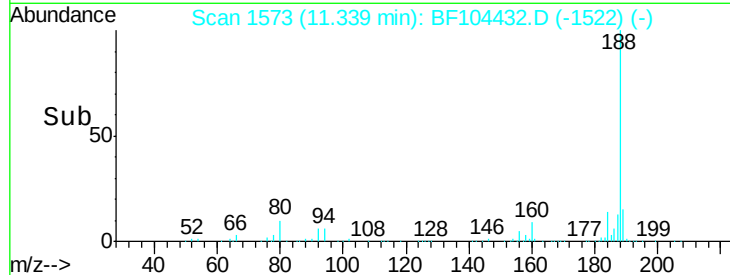
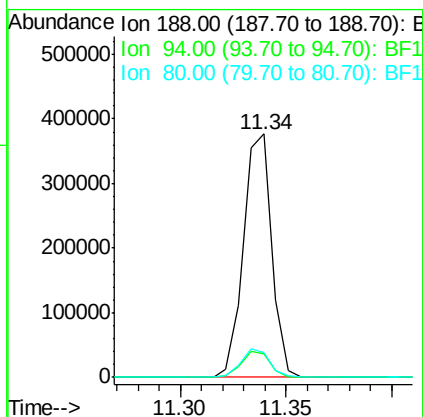
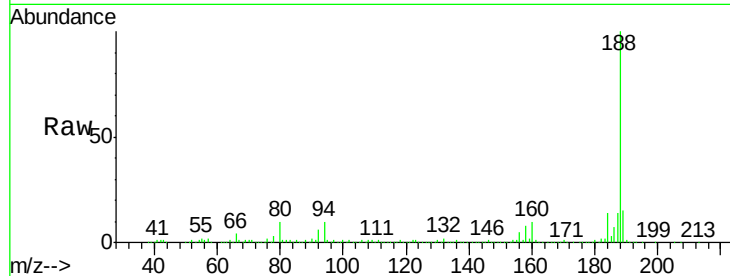




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

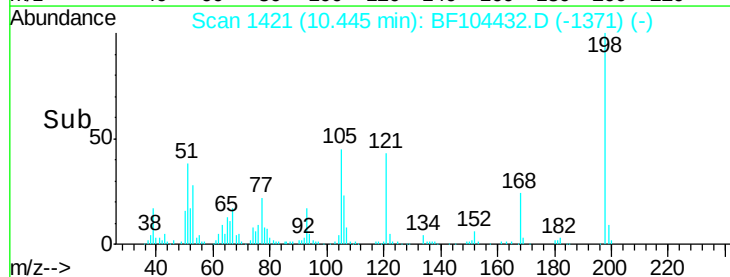
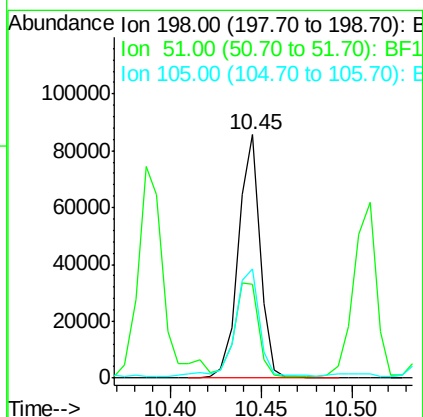
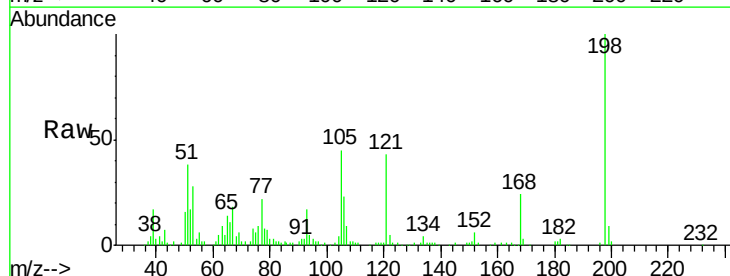
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

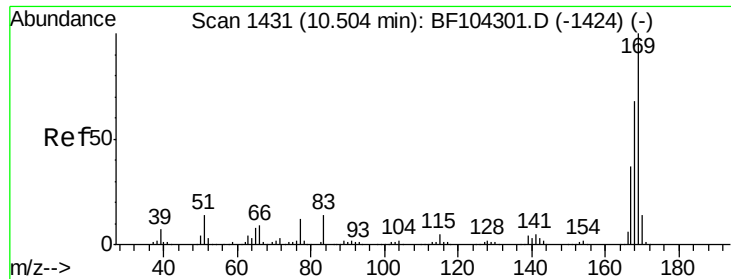
Tot Ion:188 Resp: 350366
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.78 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:198 Resp: 71382
Ion Ratio Lower Upper
198 100
51 38.4 37.7 77.7
105 45.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.87 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

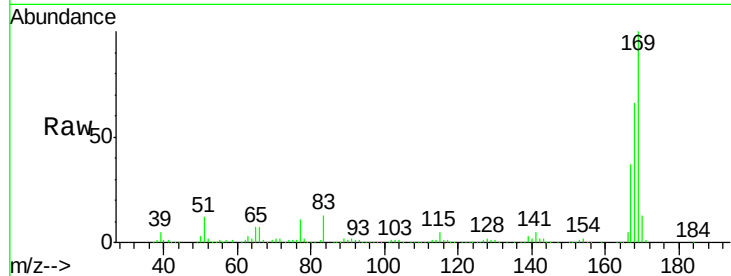
Tot Ion:169 Resp: 435751

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

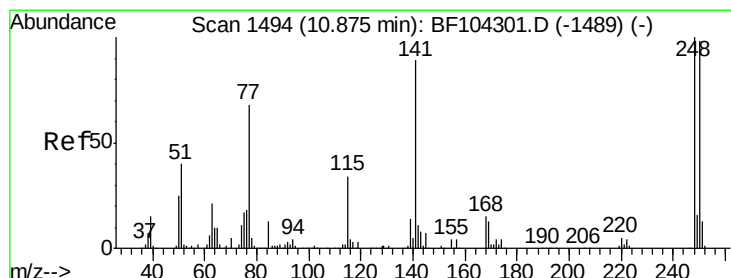
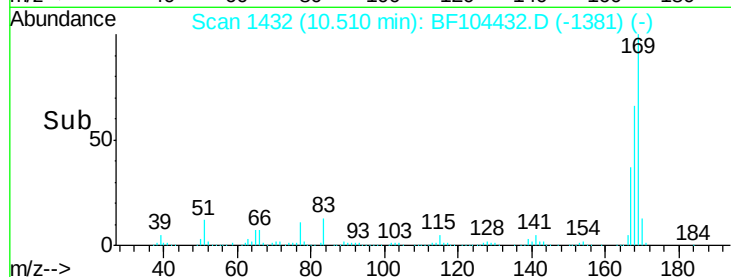
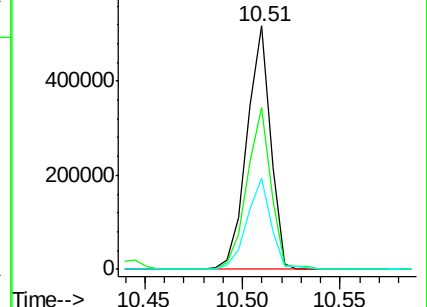
167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.98 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

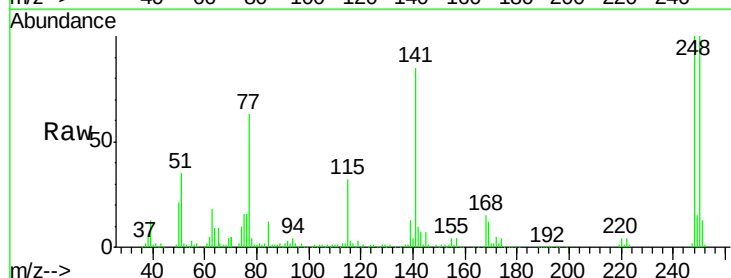
Tgt Ion:248 Resp: 134086

Ion Ratio Lower Upper

248 100

250 100.1 76.9 115.3

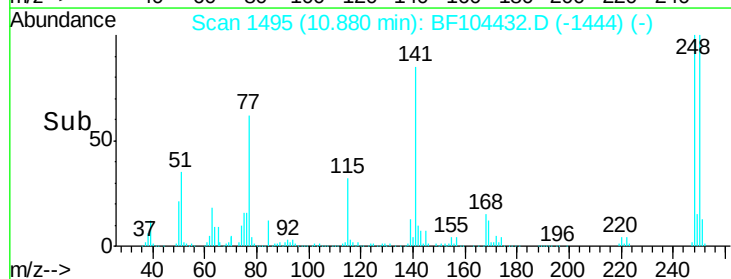
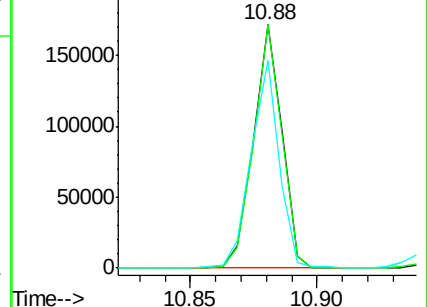
141 85.4 74.4 111.6

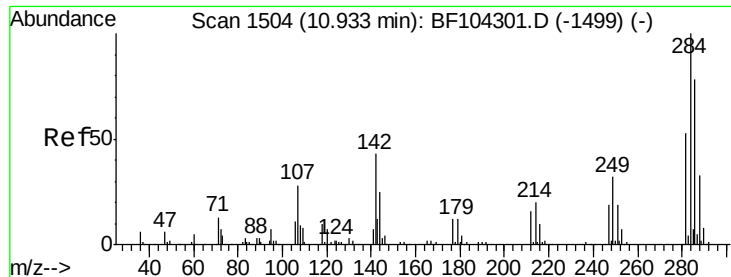


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.12 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

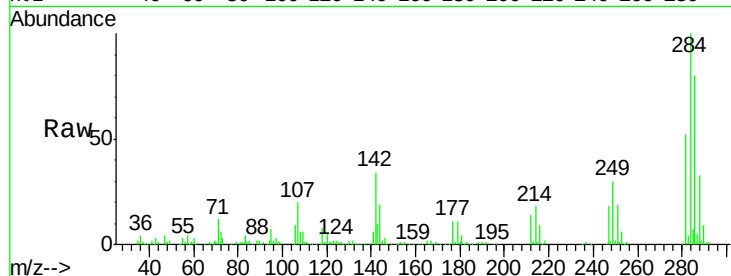
Tot Ion:284 Resp: 143066

Ion Ratio Lower Upper

284 100

142 34.3 34.6 52.0#

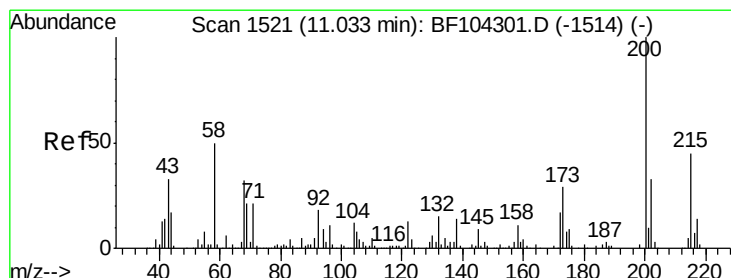
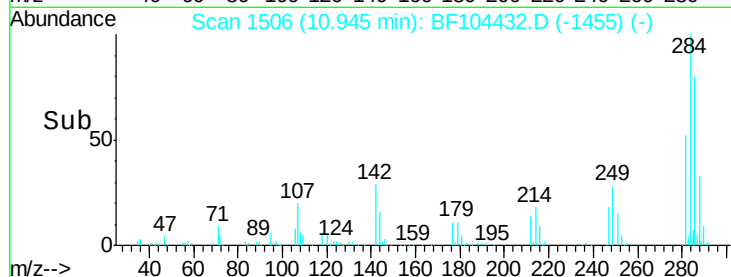
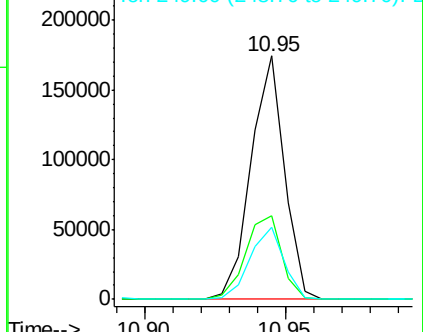
249 29.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.52 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

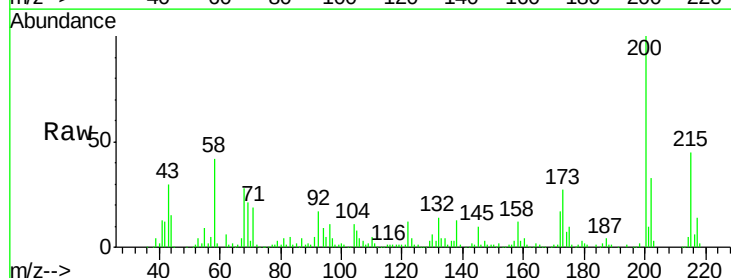
Tgt Ion:200 Resp: 130255

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

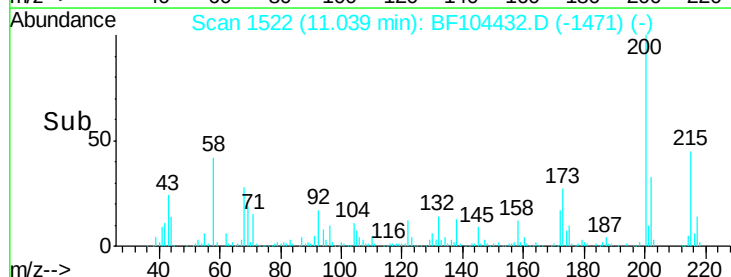
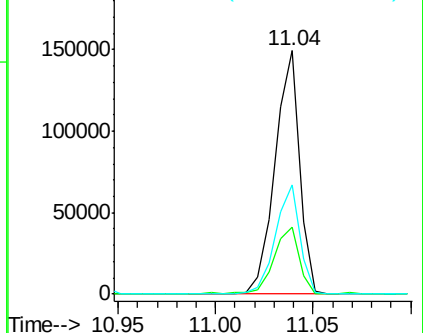
215 45.1 25.1 65.1

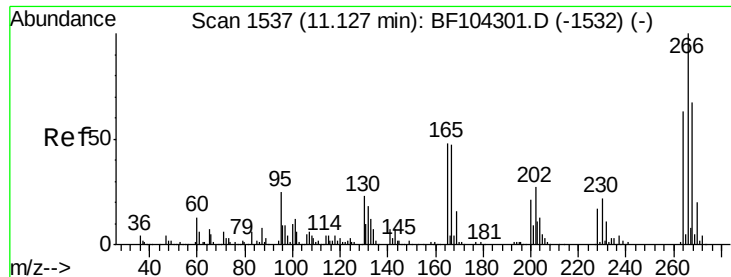


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

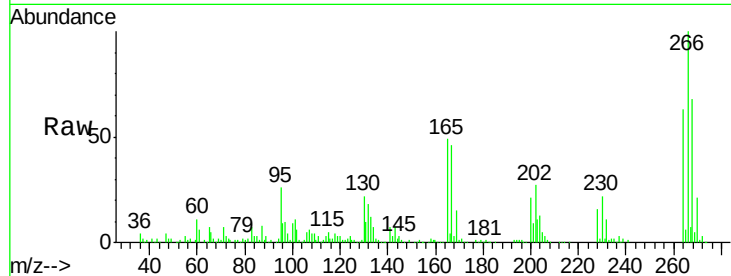




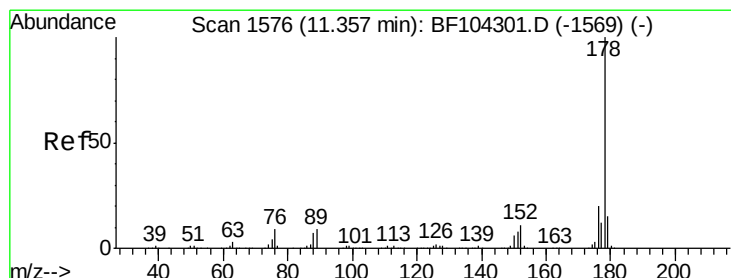
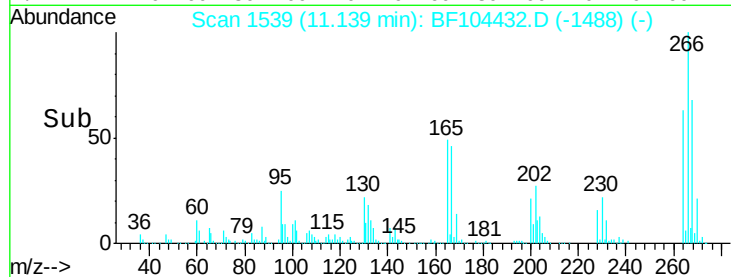
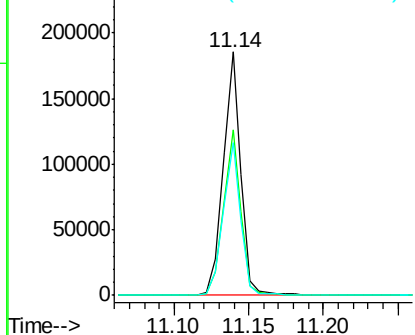
#69
 Pentachlorophenol
 Concen: 59.79 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion:266 Resp: 155112
 Ion Ratio Lower Upper
 266 100
 268 68.0 51.1 76.7
 264 62.6 49.5 74.3

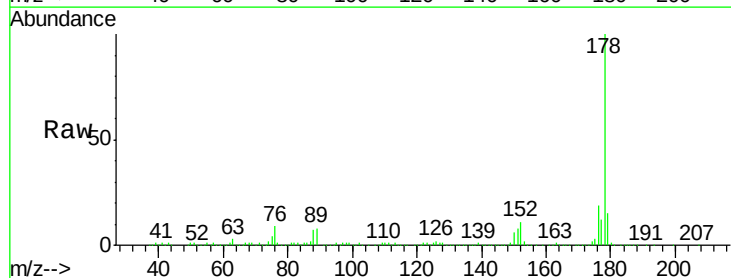


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

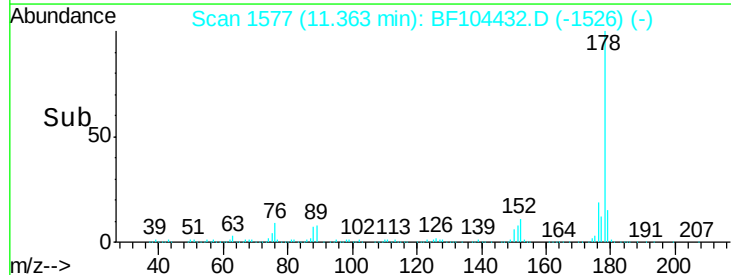
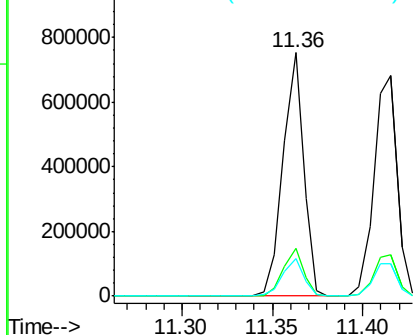


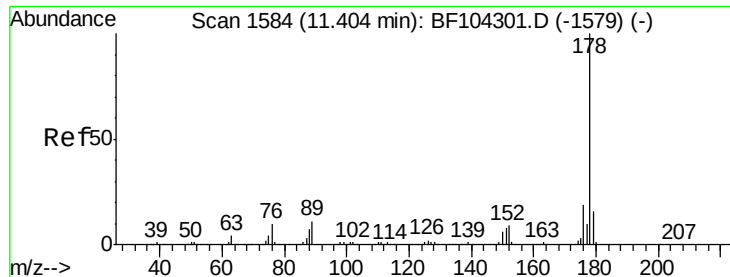
#70
 Phenanthrene
 Concen: 30.84 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:178 Resp: 601734
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 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

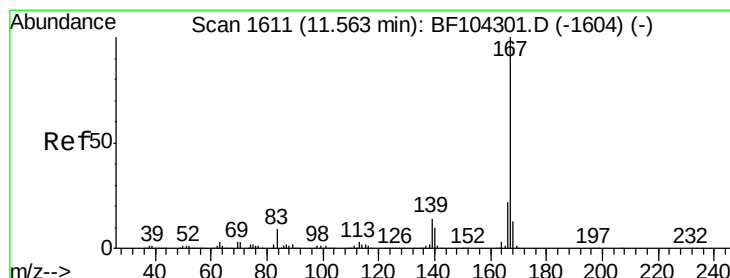
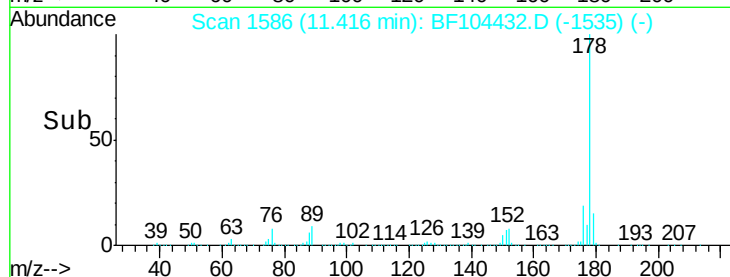
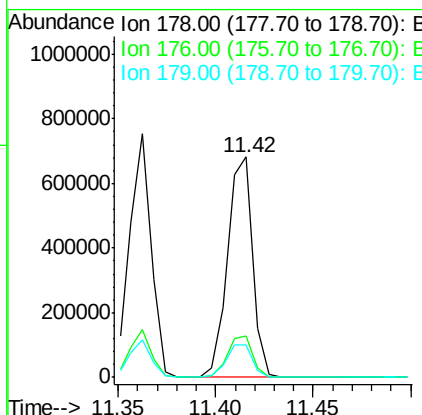
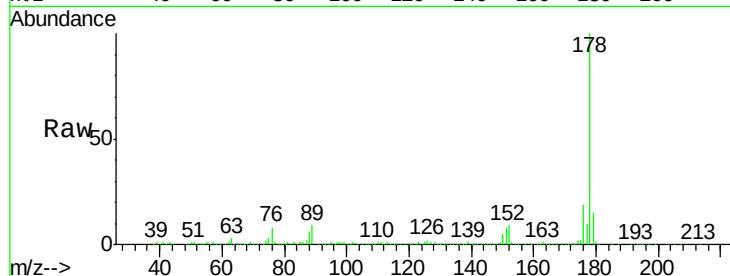




#71
 Anthracene
 Concen: 30.50 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

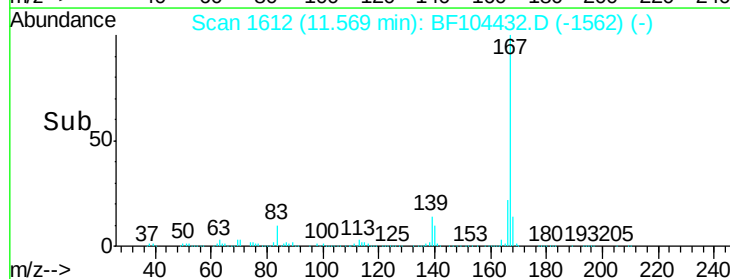
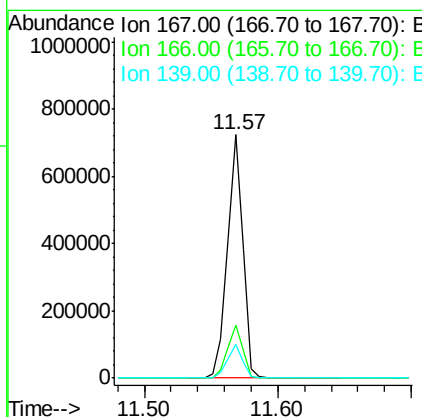
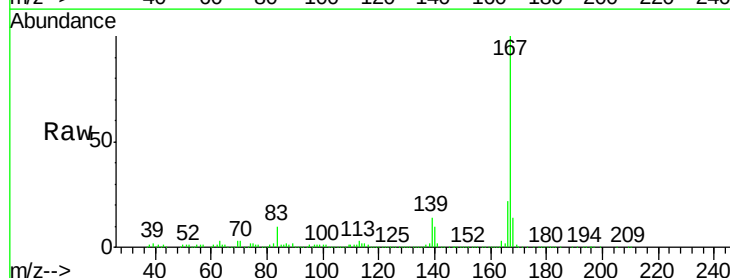
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

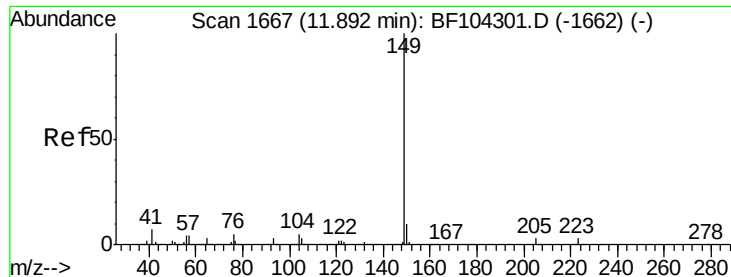
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.8	12.6	19.0



#72
 Carbazole
 Concen: 30.79 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 31.26 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

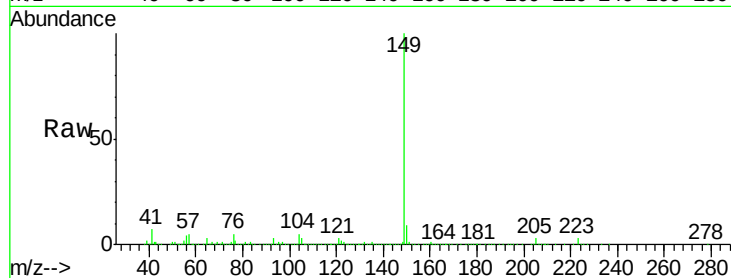
Tot Ion:149 Resp: 740169

Ion Ratio Lower Upper

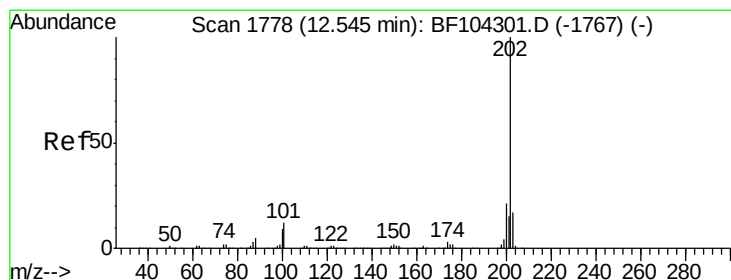
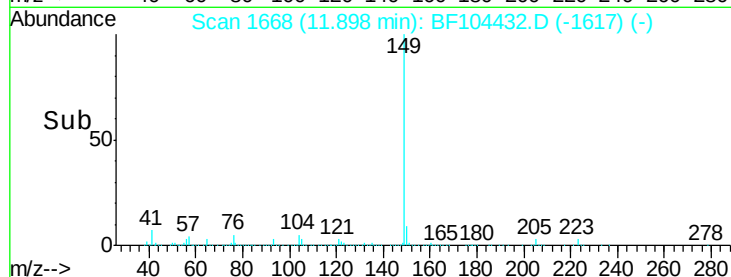
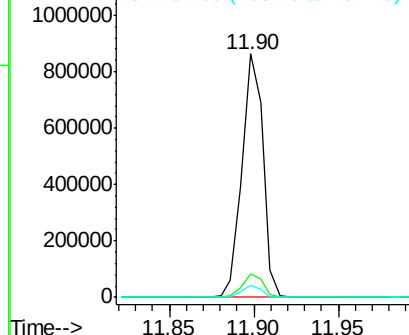
149 100

150 9.5 7.8 11.6

104 4.8 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: 28.71 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

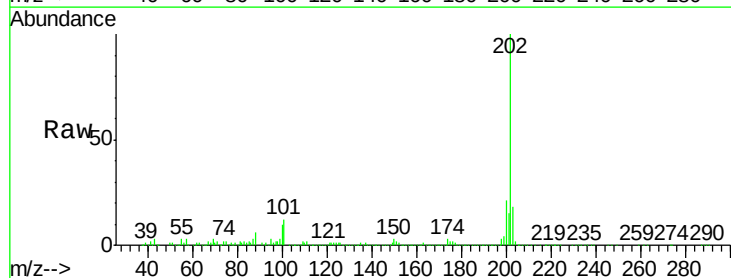
Tgt Ion:202 Resp: 585244

Ion Ratio Lower Upper

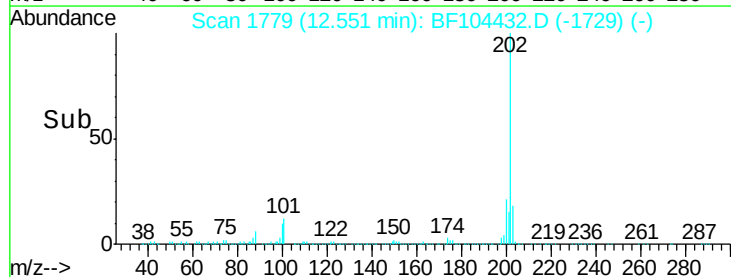
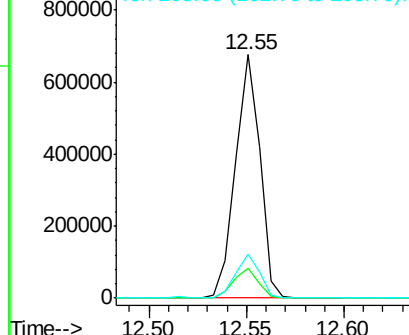
202 100

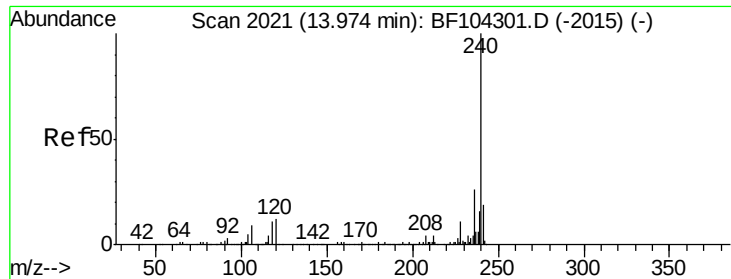
101 12.5 0.0 34.1

203 17.8 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: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

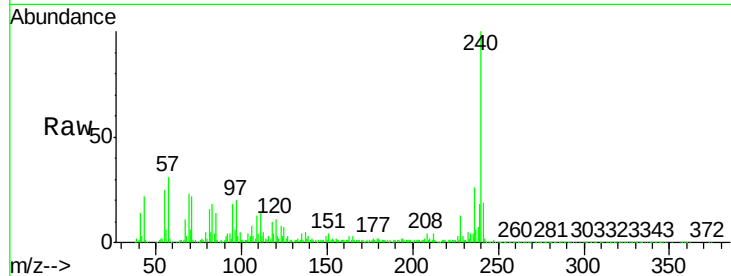
Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

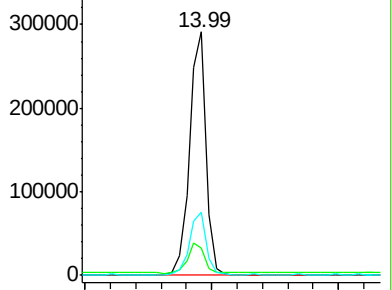
Tot Ion:240	Resp:	265256
Ion Ratio	Lower	Upper
240	100	
120	11.4	9.5 14.3
236	25.9	20.7 31.1



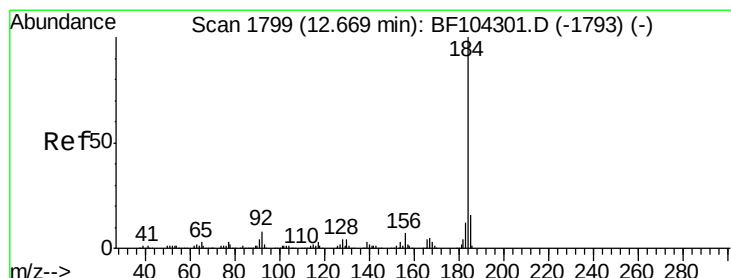
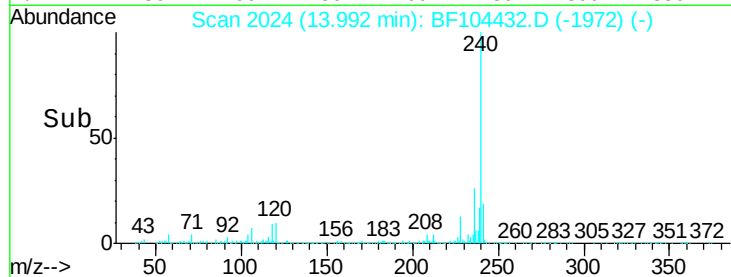
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 5.32 ng

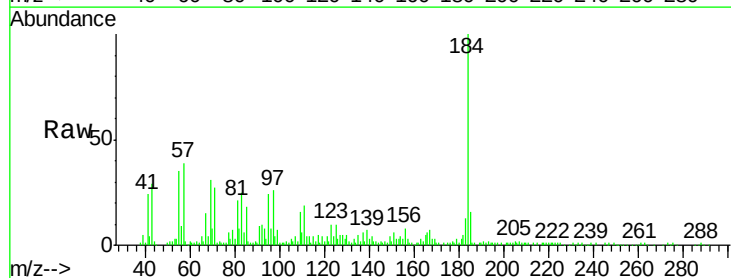
RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

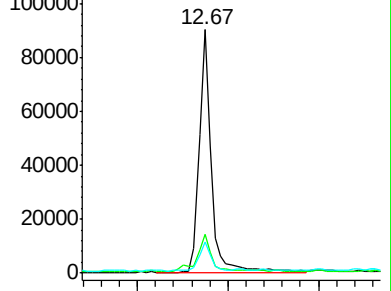
Tgt Ion:184	Resp:	86562
Ion Ratio	Lower	Upper
184	100	
185	16.1	12.6 18.8
183	13.0	9.3 13.9



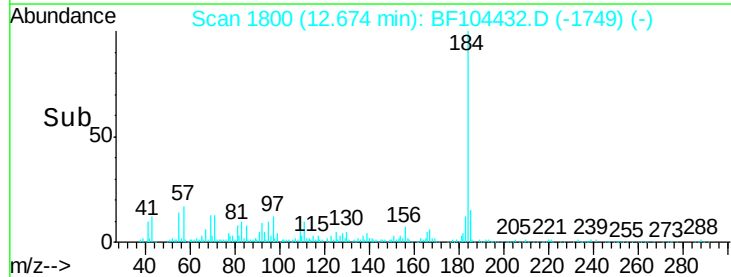
Abundance Ion 184.00 (183.70 to 184.70): E

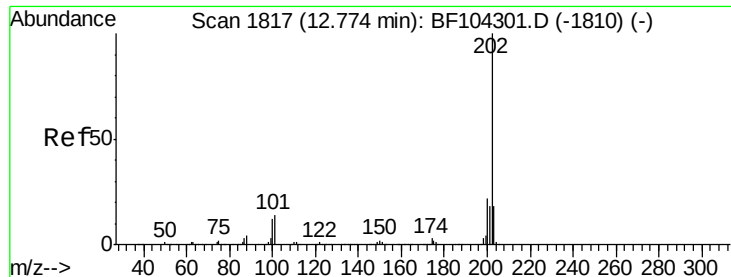
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80





#77

Pvrene

Concen: 30.64 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

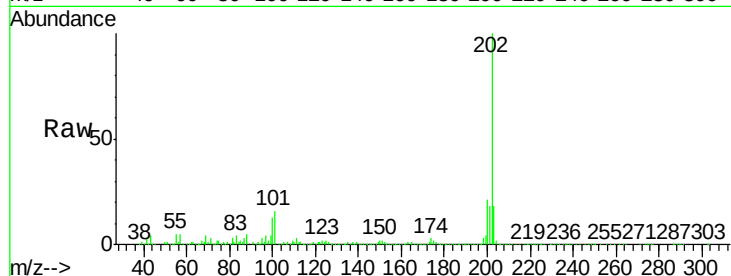
Tot Ion:202 Resp: 602373

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

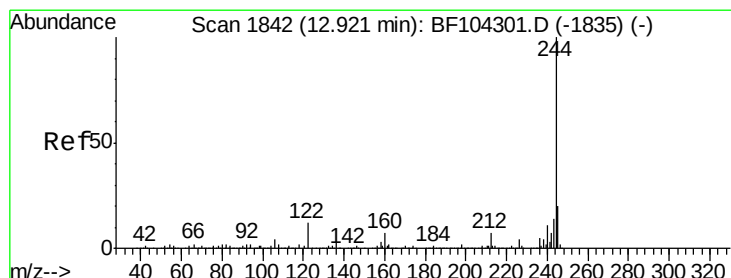
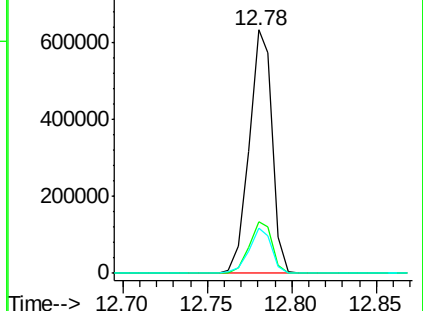
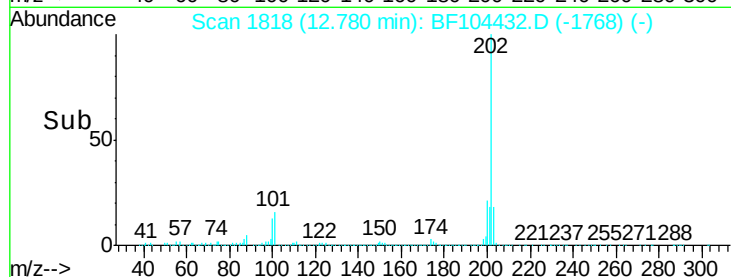
203 18.4 14.3 21.5



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: 73.89 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

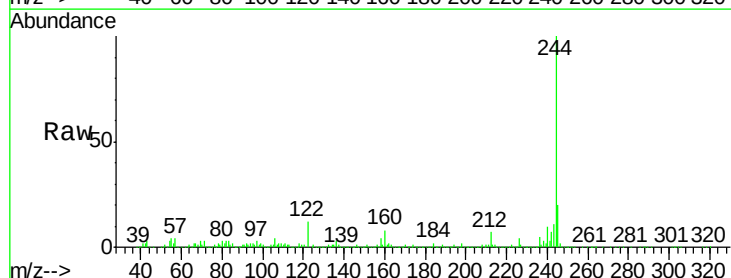
Tgt Ion:244 Resp: 859732

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

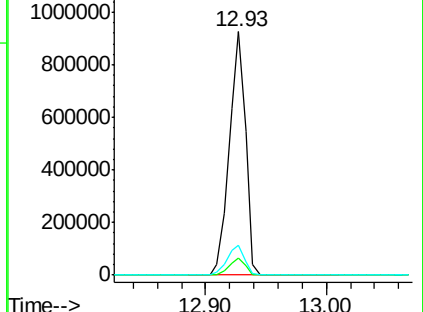
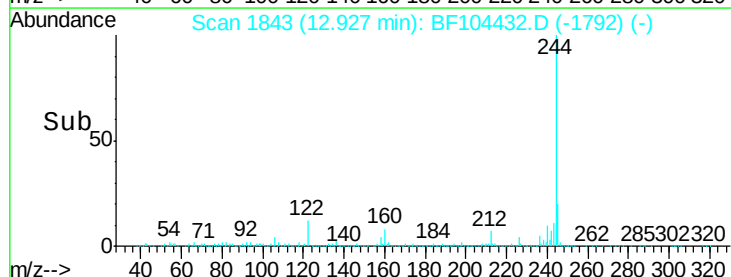
122 12.3 11.0 16.4

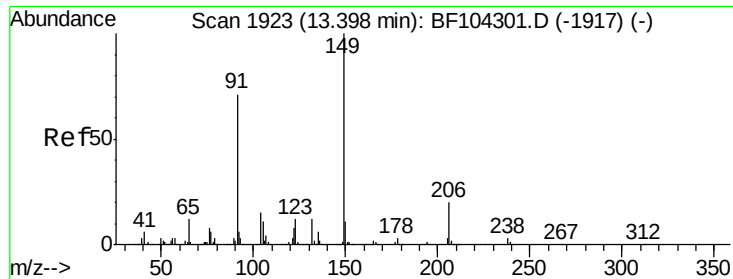


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

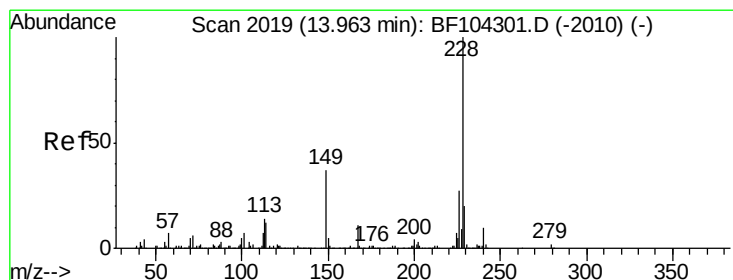
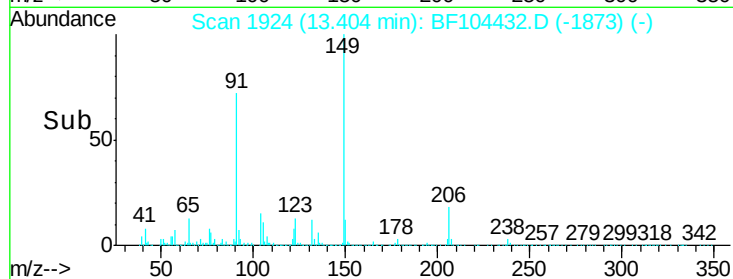
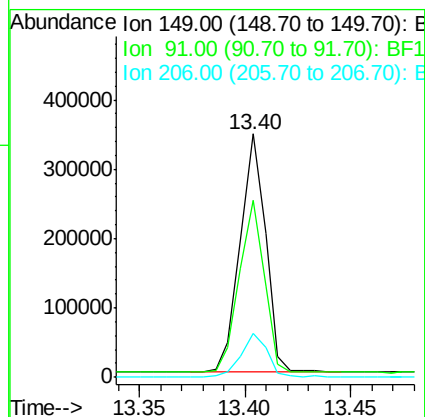
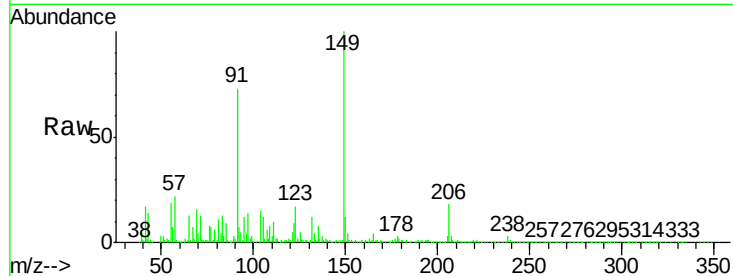




#79
Butylbenzylphthalate
Concen: 30.61 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

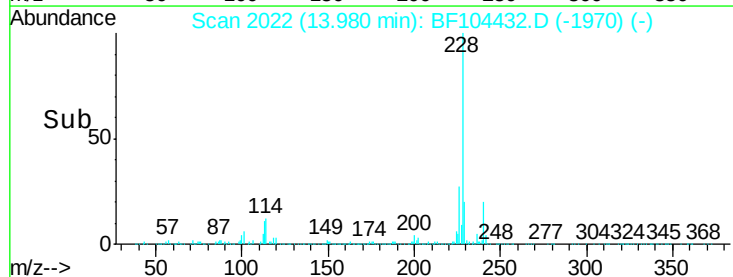
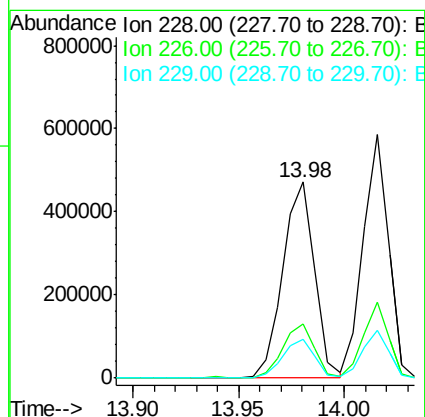
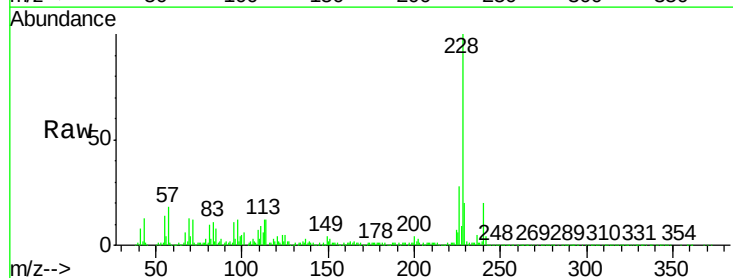
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

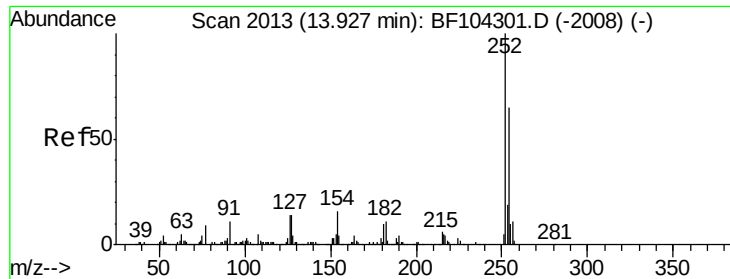
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.26 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

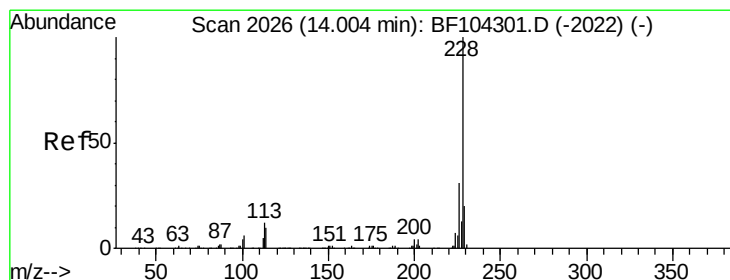
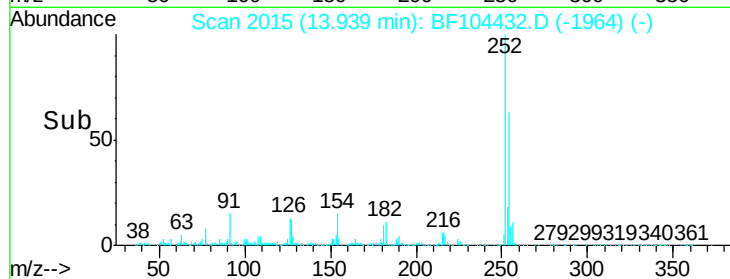
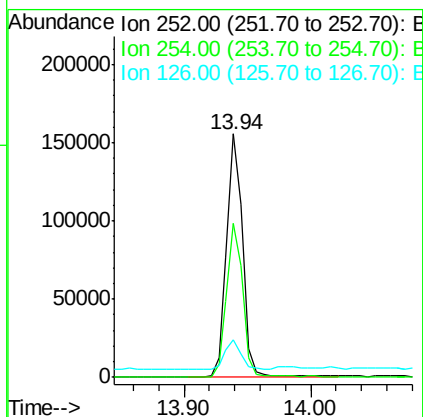
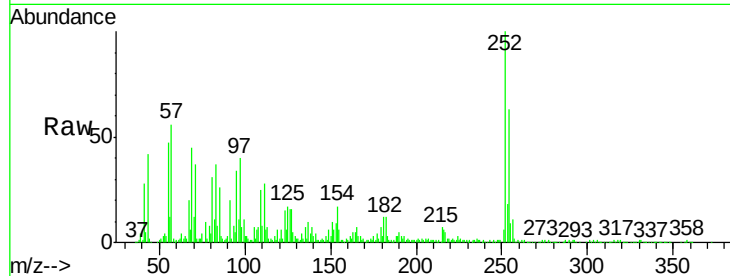




#81
 3,3'-Dichlorobenzidine
 Concen: 22.91 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

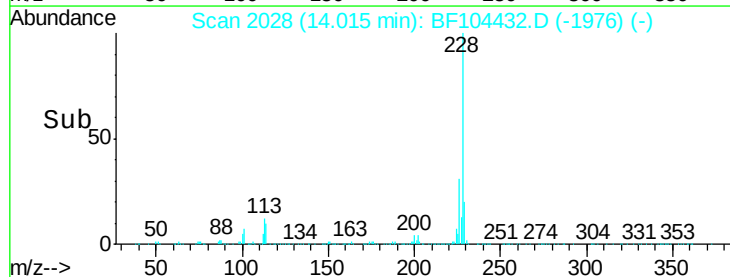
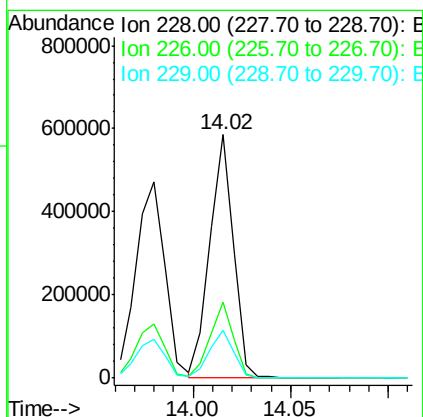
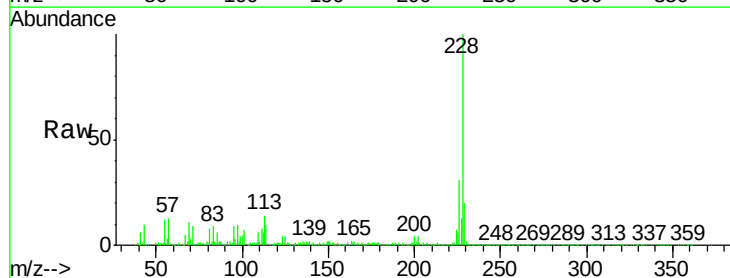
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

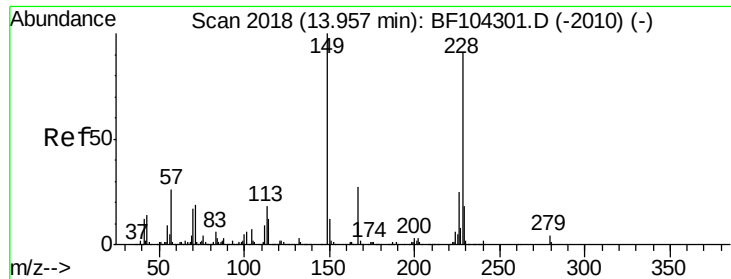
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	15.6	11.3	16.9



#82
 Chrysene
 Concen: 30.22 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4

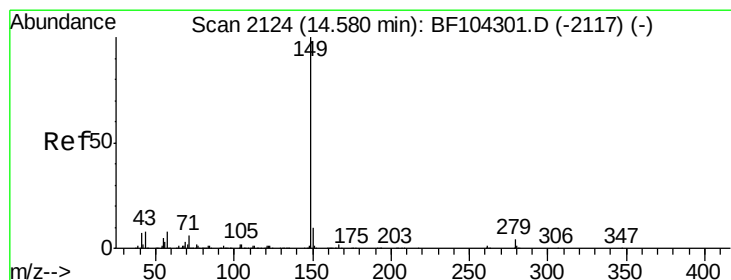
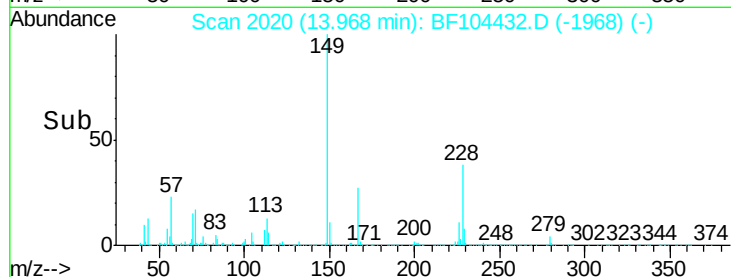
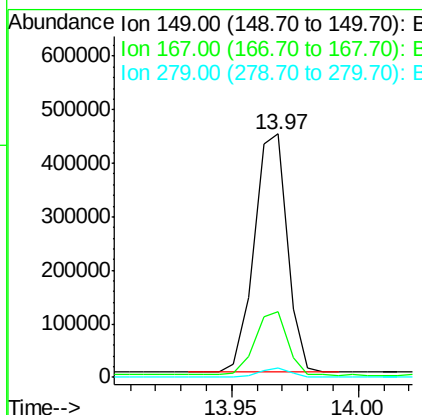
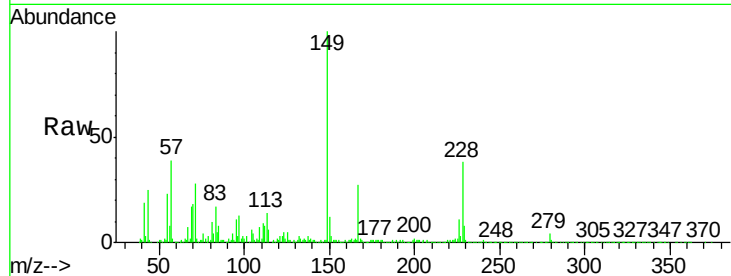




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.24 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

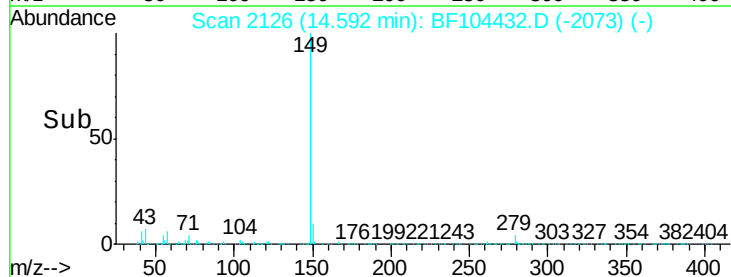
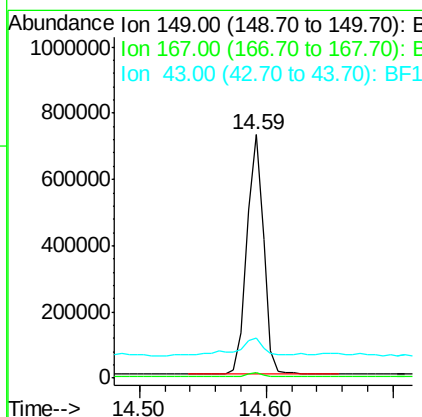
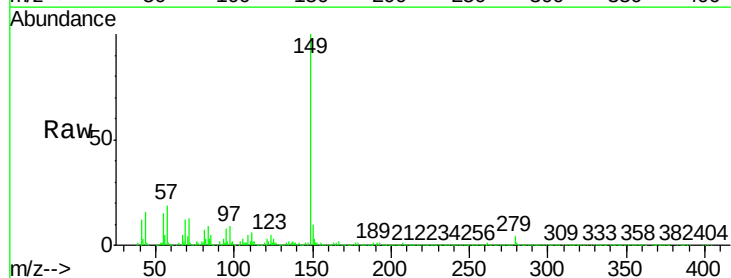
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

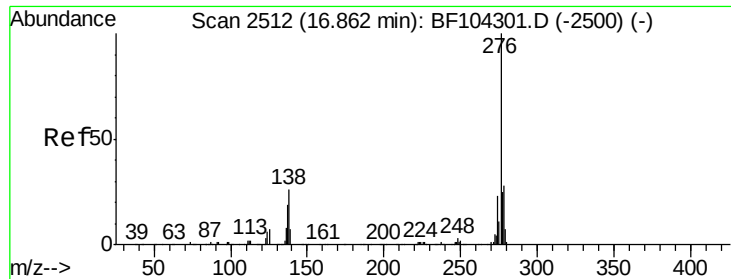
Tot Ion:149 Resp: 407945
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.9 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 33.00 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:149 Resp: 656984
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.6 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.35 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

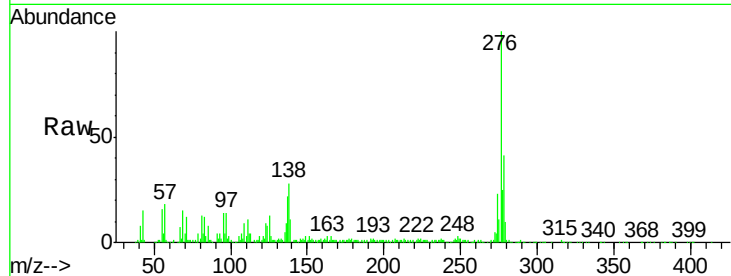
Tot Ion:276 Resp: 474984

Ion Ratio Lower Upper

276 100

138 28.1 25.0 37.6

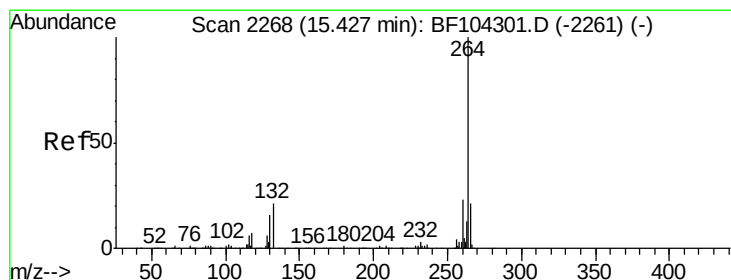
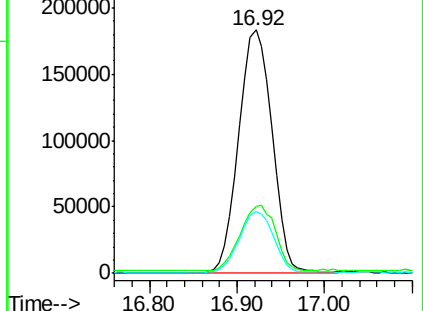
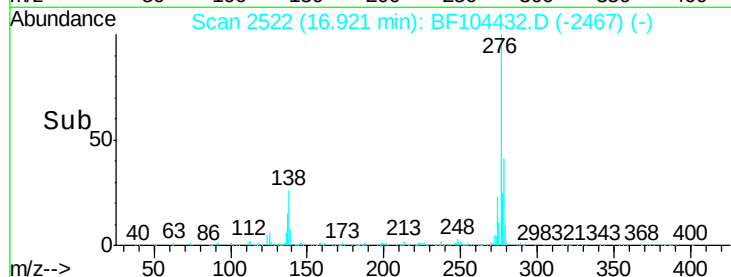
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

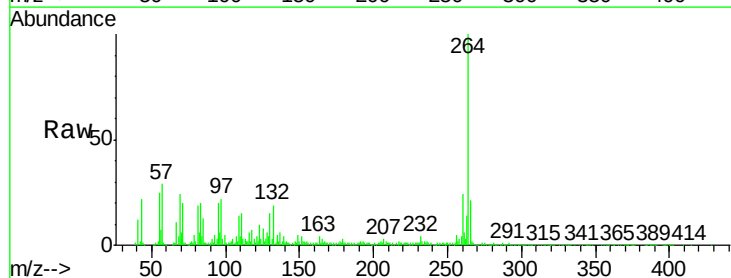
Tgt Ion:264 Resp: 268714

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

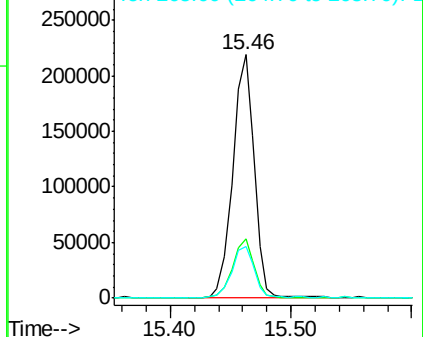
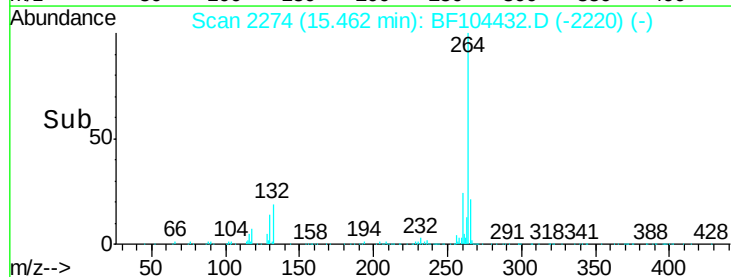
265 21.1 17.5 26.3

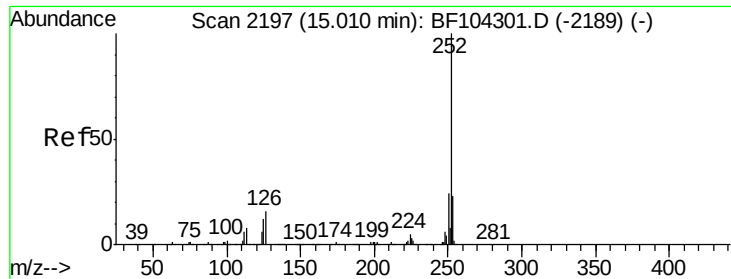


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 30.29 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

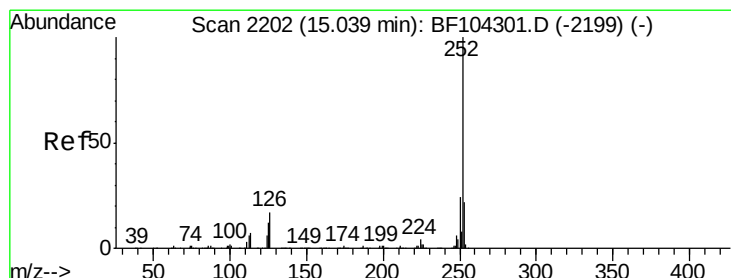
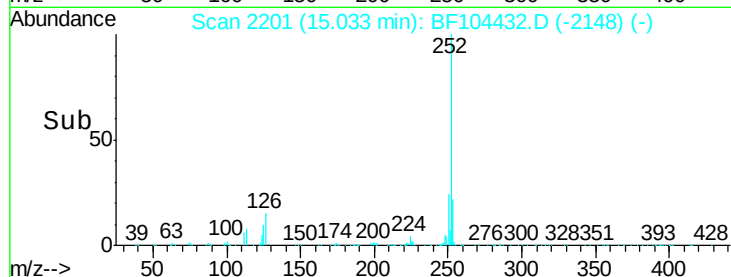
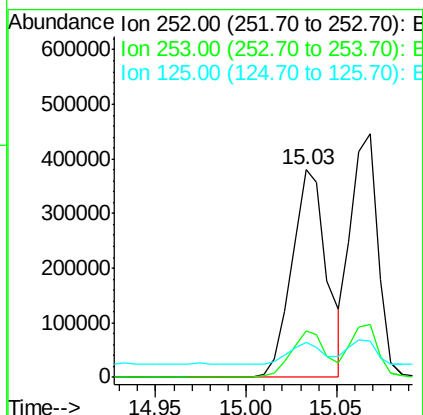
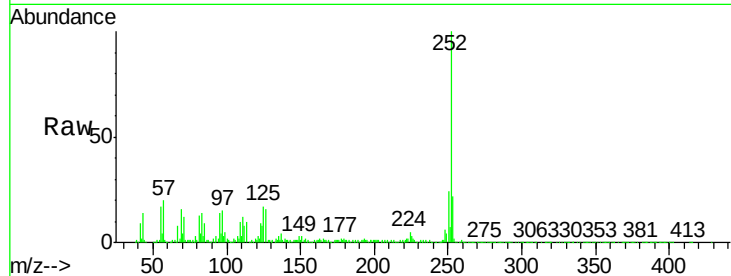
Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:252 Resp: 514036

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	17.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 29.02 ng

RT: 15.07 min Scan# 2207

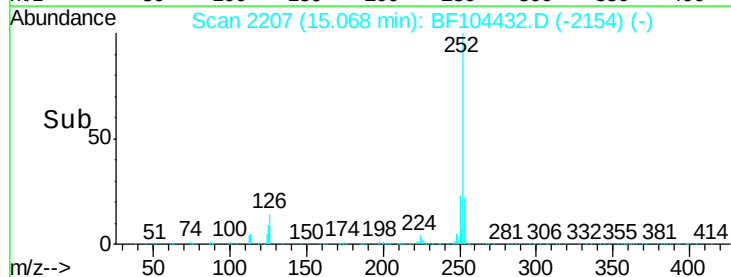
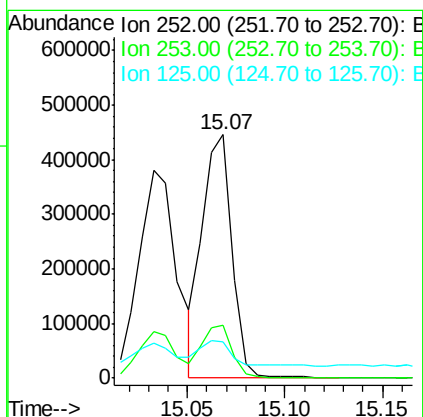
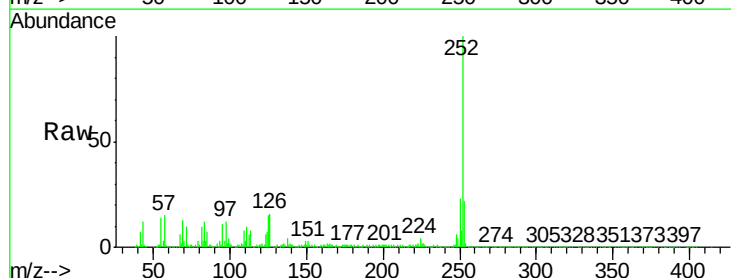
Delta R.T. 0.01 min

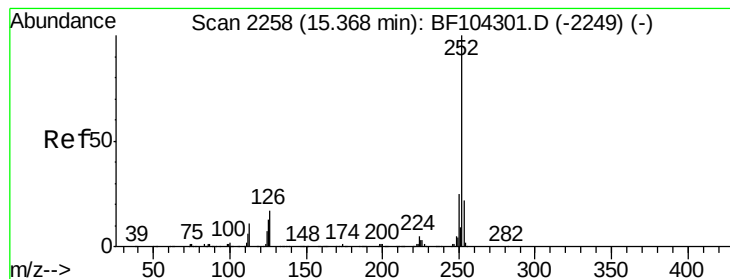
Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:252 Resp: 465047

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	14.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 30.47 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

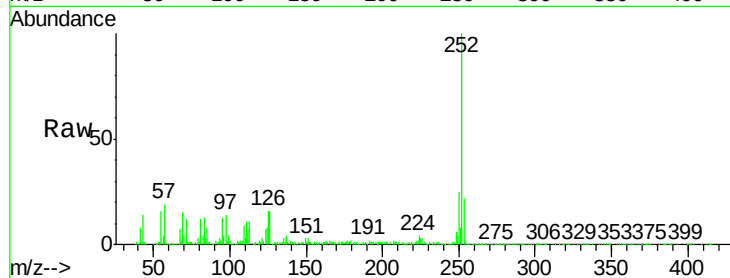
Tot Ion:252 Resp: 462752

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

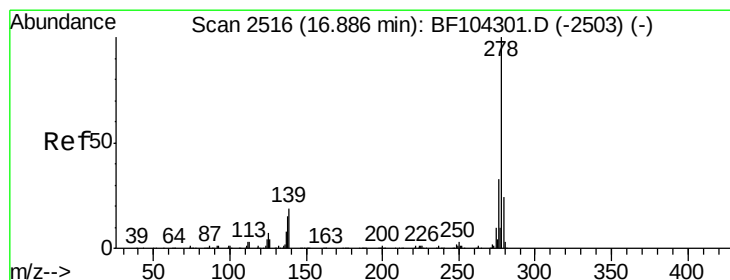
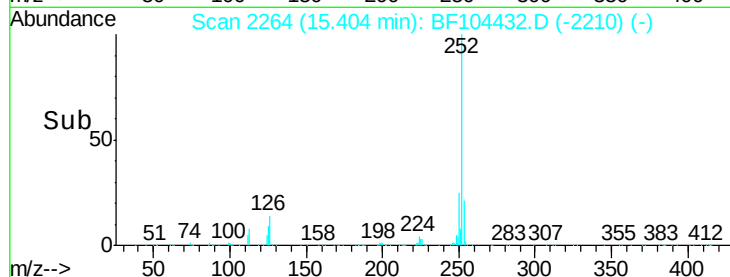
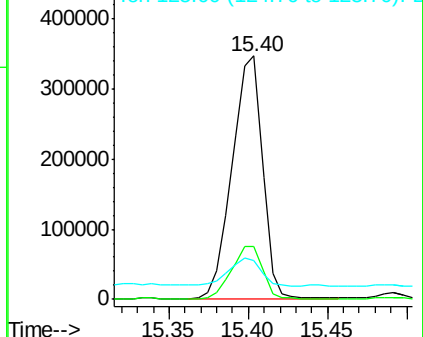
125 16.0 9.8 14.6#



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: 32.55 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

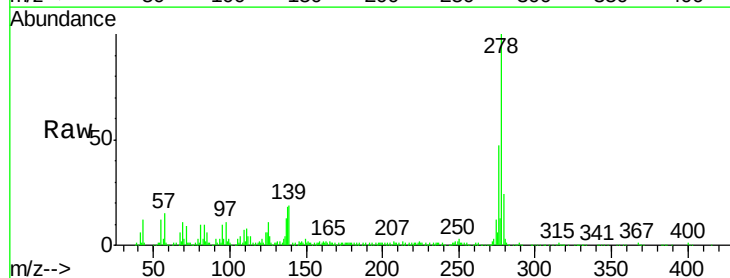
Tgt Ion:278 Resp: 405981

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

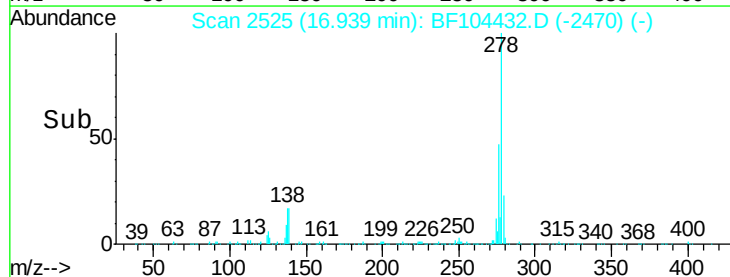
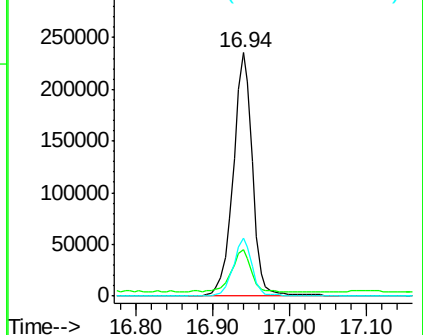
279 23.6 19.0 28.4

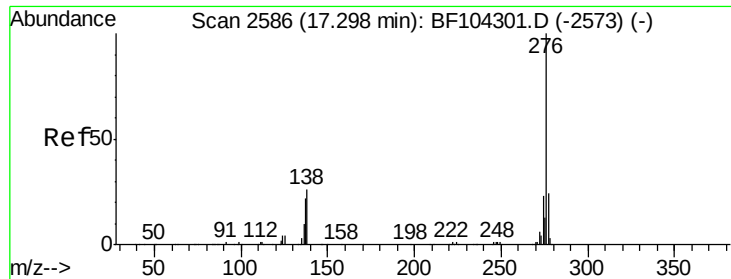


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.05 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.02 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

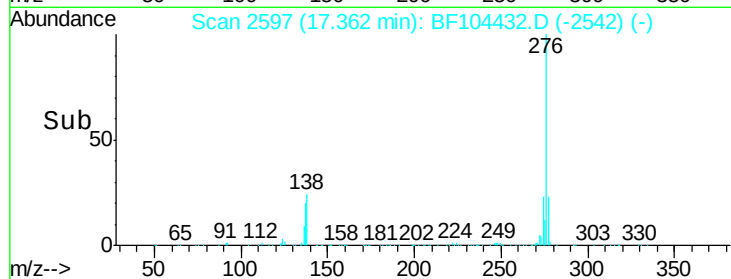
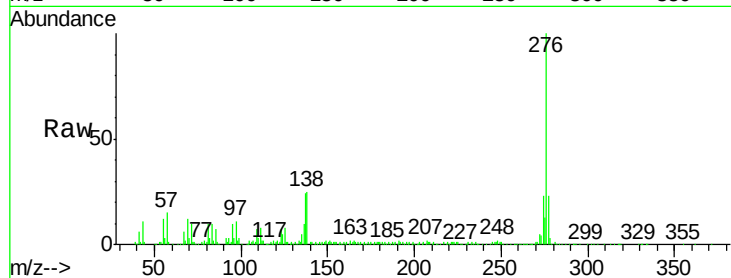
Tot Ion:276 Resp: 387269

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 24.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

