

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104420.D
 Acq On : 10 Apr 2018 21:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:56:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131062	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	496391	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	188785	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	288362	20.00	ng	0.00
75) Chrysene-d12	13.98	240	284161	20.00	ng	0.00
86) Perylene-d12	15.44	264	217404	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	651665	76.03	ng	0.00
7) Phenol-d6	6.44	99	776456	73.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	669075	88.01	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	137213	70.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1043806	87.35	ng	0.00
78) Terphenyl-d14	12.92	244	837764	67.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	152276	38.127	ng	90
3) Pyridine	3.24	79	427747	38.092	ng	88
4) n-Nitrosodimethylamine	3.20	42	144765	36.880	ng	82
6) Aniline	6.47	93	538048	36.773	ng	97
8) 2-Chlorophenol	6.59	128	345665	38.208	ng	96
9) Benzaldehyde	6.36	77	207431	38.436	ng	99
10) Phenol	6.45	94	440321	39.405	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	338995	38.016	ng	98
12) 1,3-Dichlorobenzene	6.75	146	389897	38.042	ng	99
13) 1,4-Dichlorobenzene	6.83	146	389962	38.169	ng	98
14) 1,2-Dichlorobenzene	6.98	146	359819	38.005	ng	99
15) Benzyl Alcohol	6.95	79	293097	36.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	437648	36.546	ng	93
17) 2-Methylphenol	7.06	107	296445	37.696	ng	97
18) Hexachloroethane	7.32	117	120446	33.065	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	236524	34.369	ng	92
20) 3+4-Methylphenols	7.22	107	350107	35.896	ng	# 80
22) Acetophenone	7.22	105	464965	38.047	ng	99
24) Nitrobenzene	7.40	77	357592	42.606	ng	94
25) Isophorone	7.63	82	596360	37.098	ng	99
26) 2-Nitrophenol	7.71	139	161741	47.337	ng	92
27) 2,4-Dimethylphenol	7.75	122	259379	36.560	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	379748	38.637	ng	100
29) 2,4-Dichlorophenol	7.95	162	254958	37.664	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	289033	38.906	ng	99
31) Naphthalene	8.12	128	930426	37.642	ng	99
32) Benzoic acid	7.86	122	201102	35.526	ng	96
33) 4-Chloroaniline	8.16	127	395299	37.330	ng	98
34) Hexachlorobutadiene	8.23	225	162473	39.928	ng	99
35) Caprolactam	8.54	113	78261	33.141	ng	# 79
36) 4-Chloro-3-methylphenol	8.64	107	251344	34.628	ng	100
37) 2-Methylnaphthalene	8.80	142	571872	35.768	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	241232	44.639	ng	98
40) Hexachlorocyclopentadiene	8.96	237	23946	7.915	ng	93

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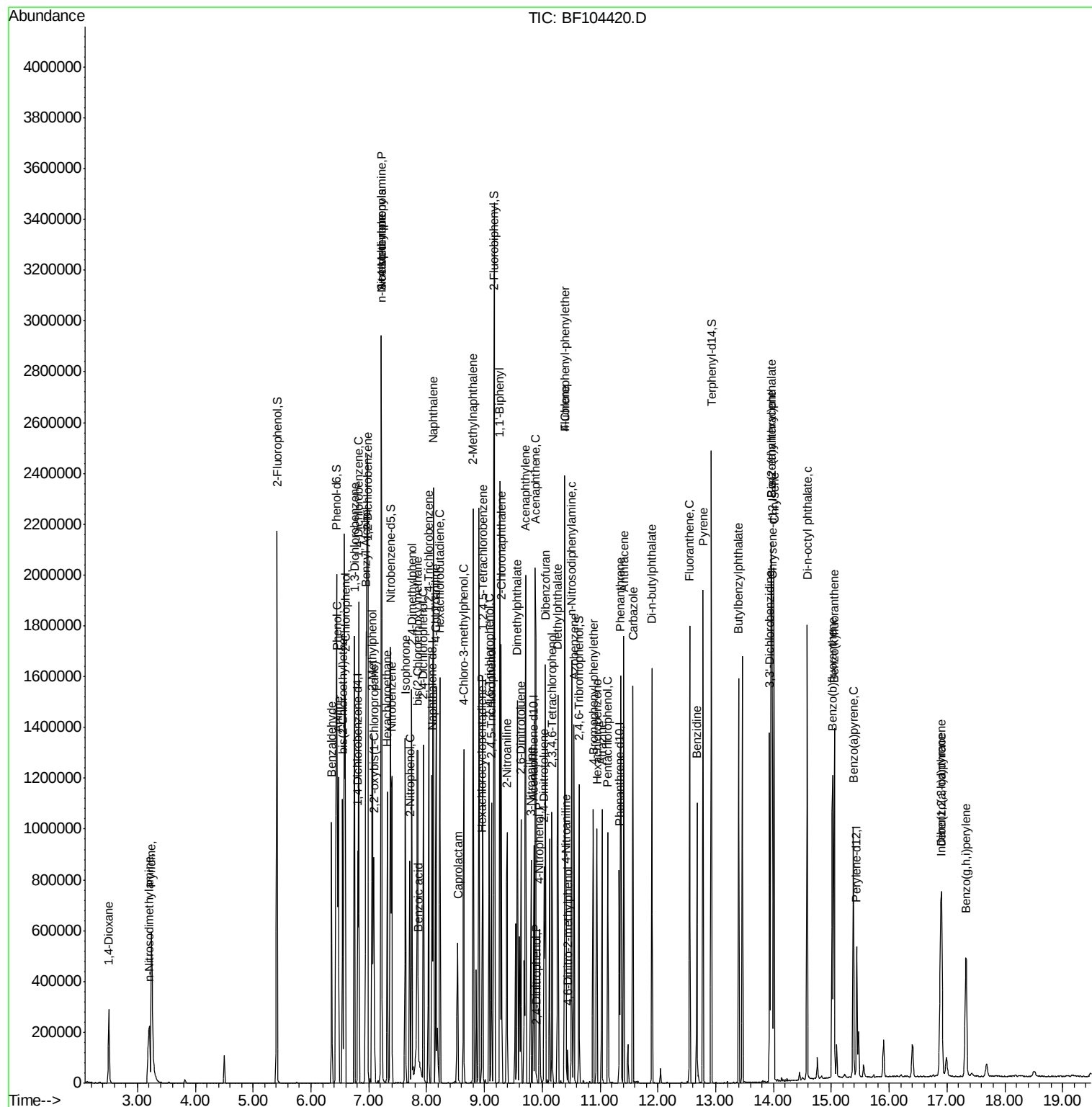
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42) 2,4,6-Trichlorophenol	9.08	196	155438	41.434	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	167510	39.902	ng	94
45) 1,1'-Biphenyl	9.27	154	672123	42.381	ng	100
46) 2-Chloronaphthalene	9.30	162	514350	41.060	ng	97
47) 2-Nitroaniline	9.39	65	152499	49.227	ng	94
48) Acenaphthylene	9.71	152	761370	38.738	ng	100
49) Dimethylphthalate	9.57	163	620840	41.703	ng	99
50) 2,6-Dinitrotoluene	9.63	165	122530	44.480	ng	94
51) Acenaphthene	9.88	154	443604	36.993	ng	99
52) 3-Nitroaniline	9.80	138	143968	44.642	ng	96
53) 2,4-Dinitrophenol	9.90	184	5928	12.604	ng	# 25
54) Dibenzofuran	10.05	168	617800	36.968	ng	98
55) 4-Nitrophenol	9.95	139	93066	36.737	ng	99
56) 2,4-Dinitrotoluene	10.03	165	141700	39.215	ng	97
57) Fluorene	10.40	166	452916	37.234	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	109541	34.976	ng	95
59) Diethylphthalate	10.27	149	570843	38.501	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	218210	40.281	ng	100
61) 4-Nitroaniline	10.42	138	133080	42.204	ng	92
62) Azobenzene	10.55	77	484107	34.176	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	14185	15.902	ng	89
65) n-Nitrosodiphenylamine	10.51	169	417193	41.727	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	127348	41.519	ng	91
67) Hexachlorobenzene	10.94	284	137615	39.873	ng	# 87
68) Atrazine	11.03	200	113930	37.751	ng	100
69) Pentachlorophenol	11.13	266	96014	44.968	ng	97
70) Phenanthrene	11.36	178	614492	38.265	ng	99
71) Anthracene	11.41	178	622044	38.106	ng	99
72) Carbazole	11.57	167	602923	37.798	ng	99
73) Di-n-butylphthalate	11.90	149	757425	38.872	ng	99
74) Fluoranthene	12.55	202	672730	40.095	ng	98
76) Benzidine	12.67	184	402319	42.505	ng	99
77) Pyrene	12.78	202	719186	34.145	ng	98
79) Butylbenzylphthalate	13.40	149	336348	33.896	ng	98
80) Benzo(a)anthracene	13.97	228	655584	38.618	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	266693	42.134	ng	98
82) Chrysene	14.01	228	657652	37.716	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	483447	37.877	ng	99
84) Di-n-octyl phthalate	14.58	149	860818	40.363	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	462105	31.197	ng	97
87) Benzo(b)fluoranthene	15.02	252	563149	41.013	ng	97
88) Benzo(k)fluoranthene	15.05	252	550576	42.472	ng	98
89) Benzo(a)pyrene	15.38	252	485541	39.521	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	383120	37.969	ng	99
91) Benzo(g,h,i)perylene	17.33	276	373104	38.166	ng	96

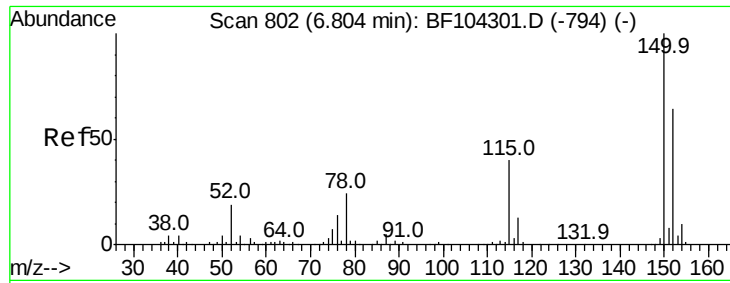
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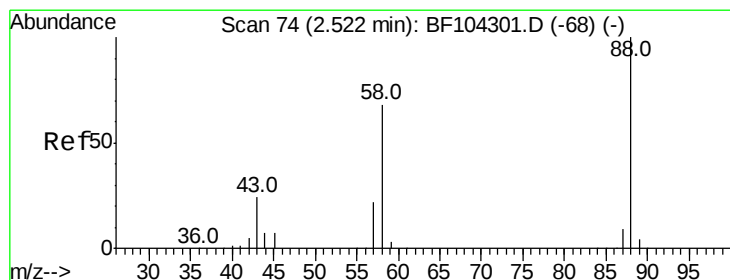
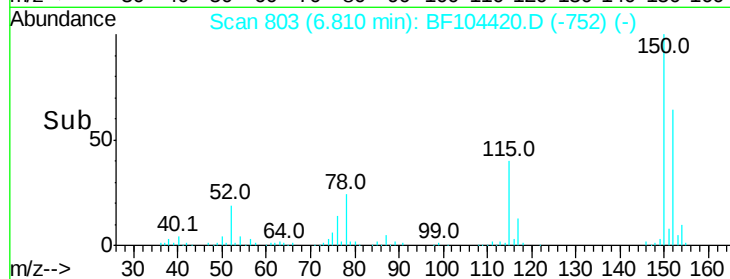
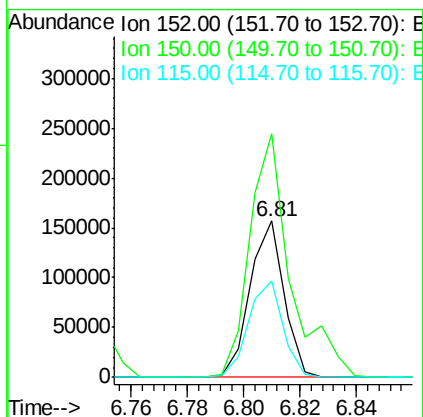
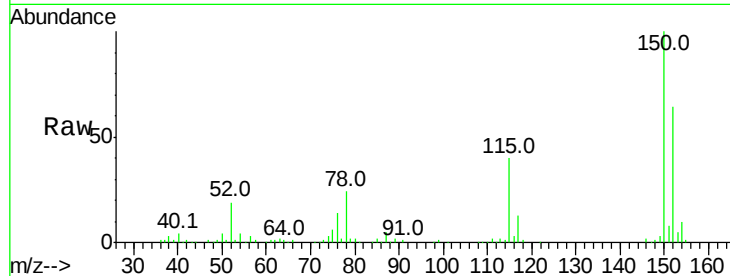


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

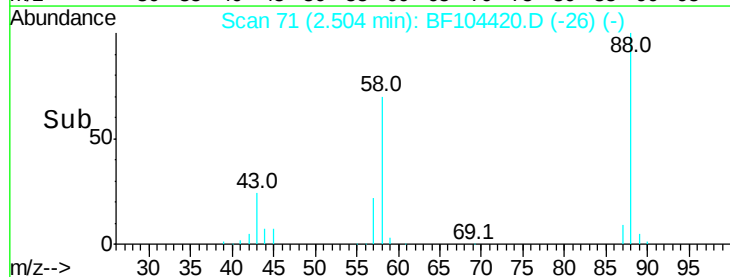
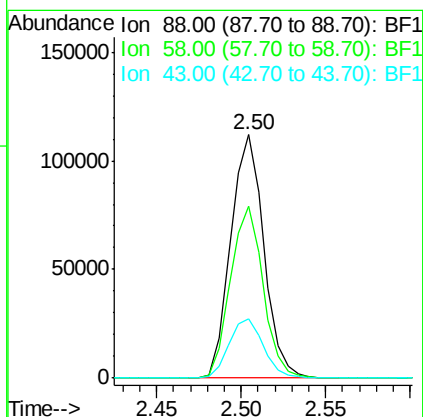
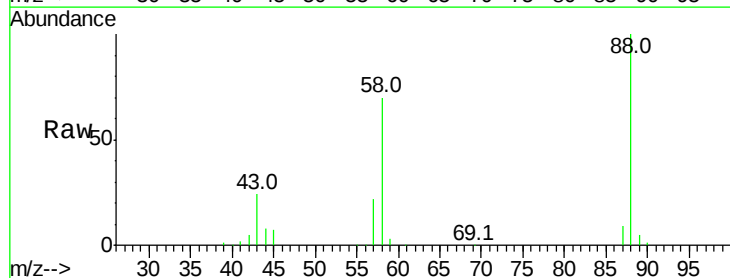
Tot Ion:152 Resp: 131062
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 62.0 50.1 75.1

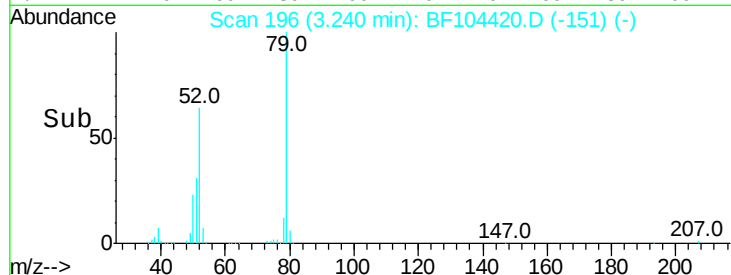
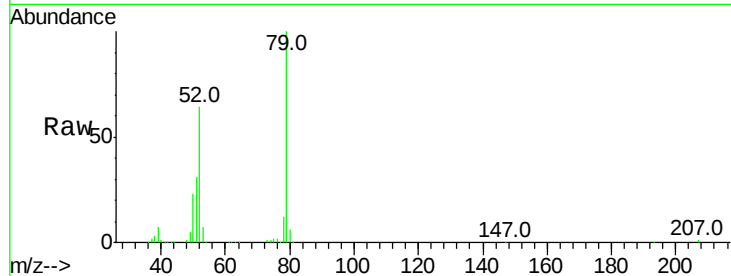
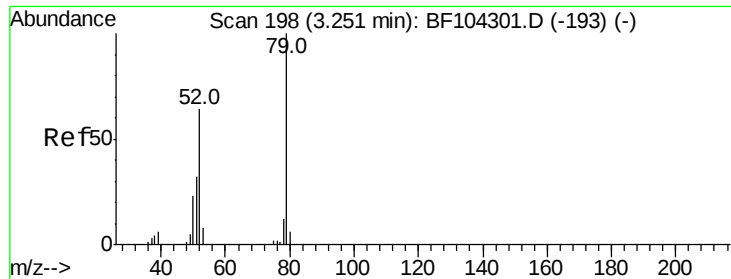


#2

1,4-Dioxane
Concen: 38.127 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.04 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion: 88 Resp: 152276
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 25.2 24.6 37.0



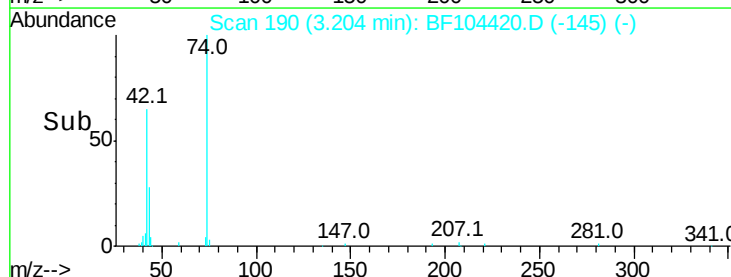
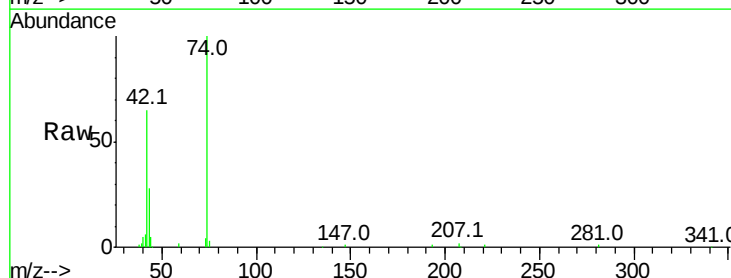
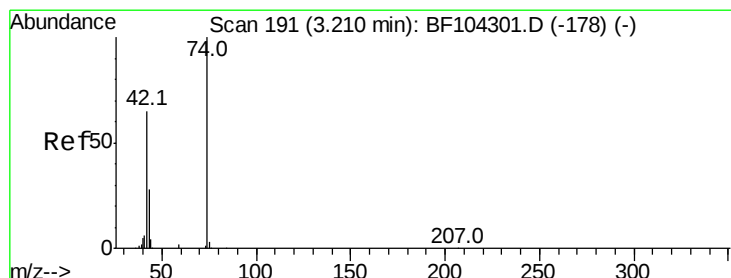
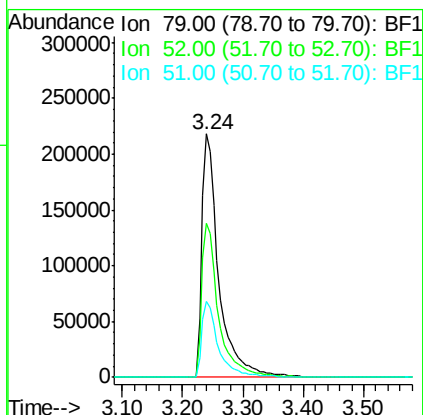


#3
 Pvridine
 Concen: 38.092 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.04 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 427747

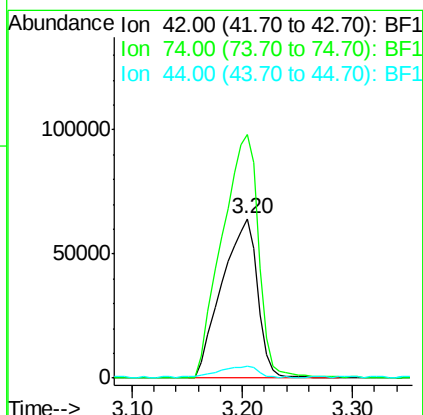
Ion	Ratio	Lower	Upper
79	100		
52	63.5	59.8	89.6
51	31.3	29.8	44.8

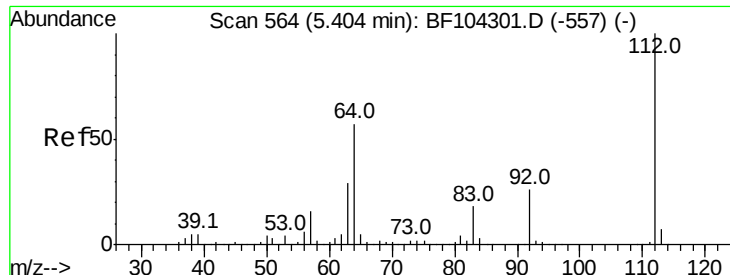


#4
 n-Nitrosodimethylamine
 Concen: 36.880 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.04 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion: 42 Resp: 144765

Ion	Ratio	Lower	Upper
42	100		
74	152.9	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 76.028 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampled :

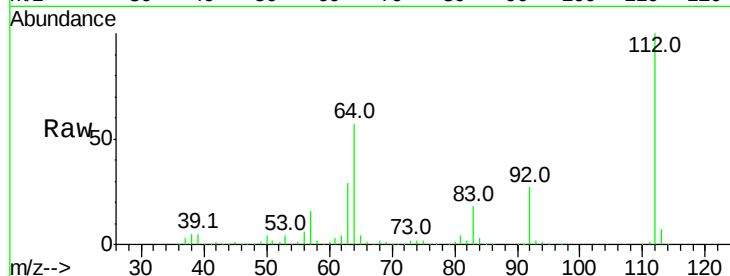
Tot Ion:112 Resp: 651665

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

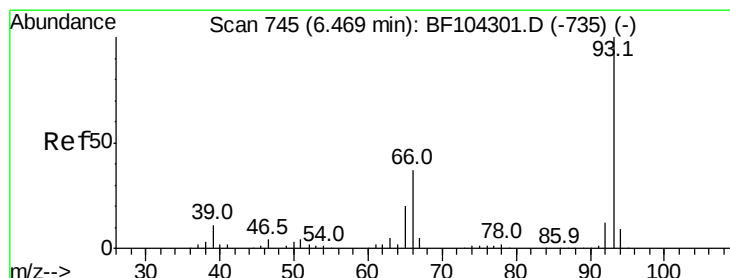
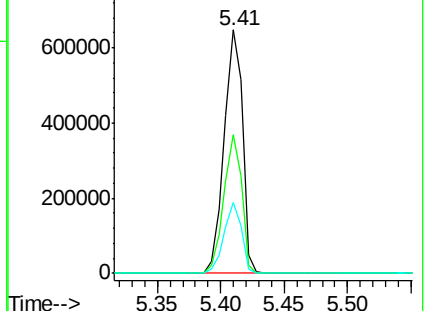
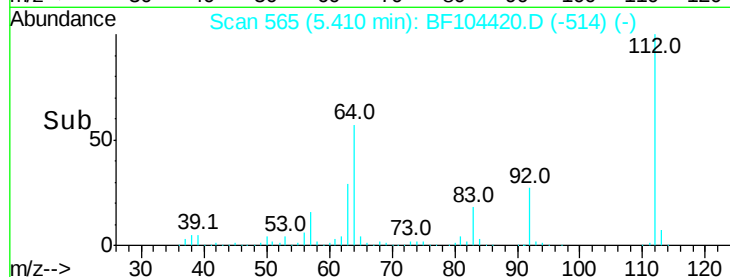
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.773 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

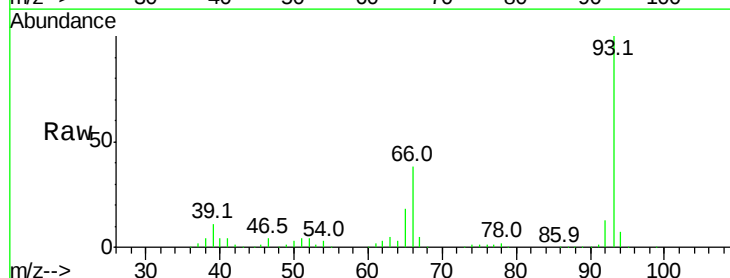
Tgt Ion: 93 Resp: 538048

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

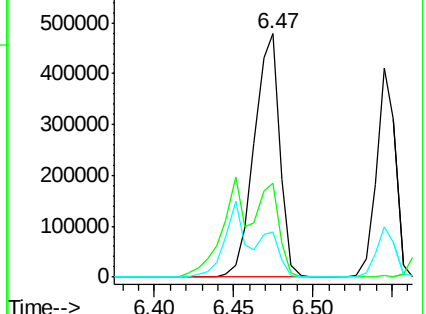
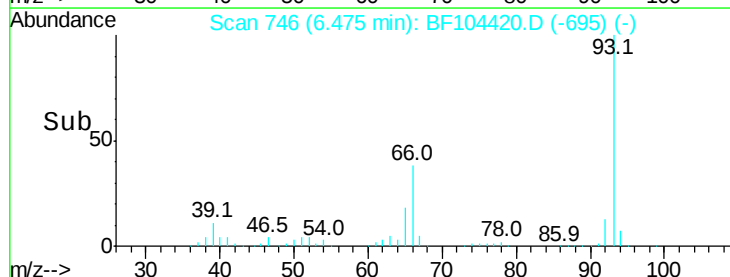
65 18.5 16.4 24.6



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: 73.727 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

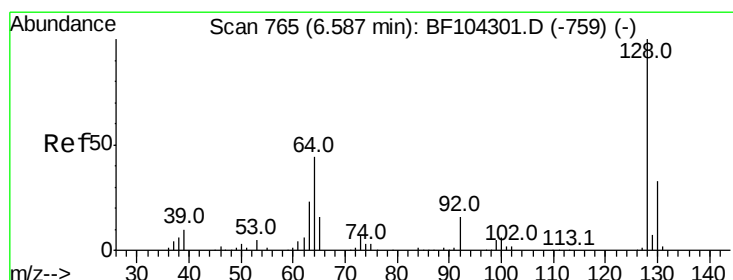
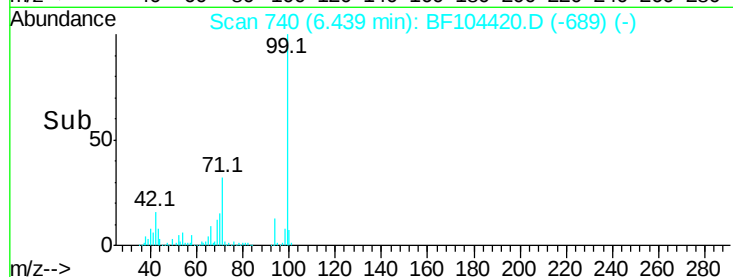
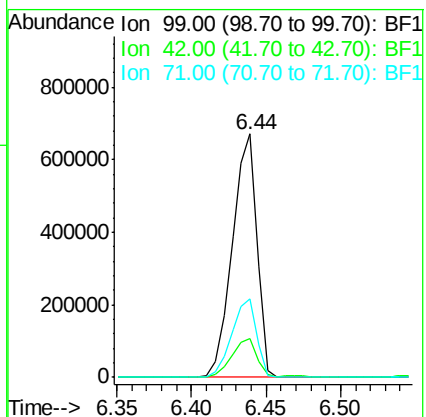
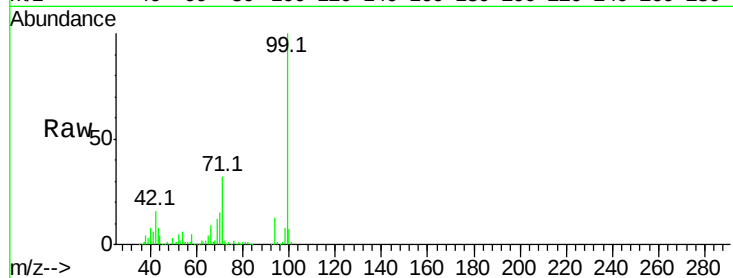
Tot Ion: 99 Resp: 776456

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 38.208 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

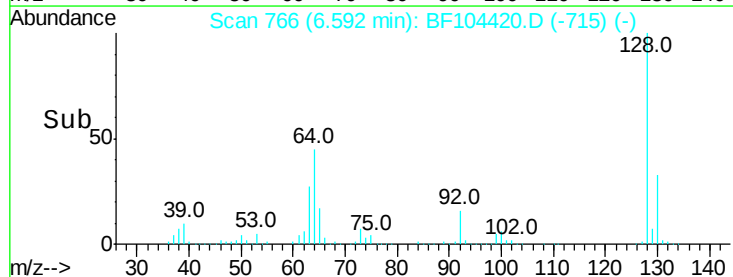
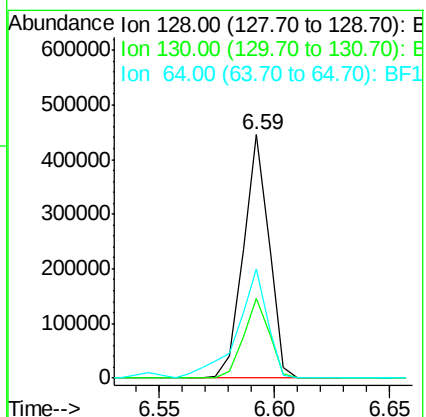
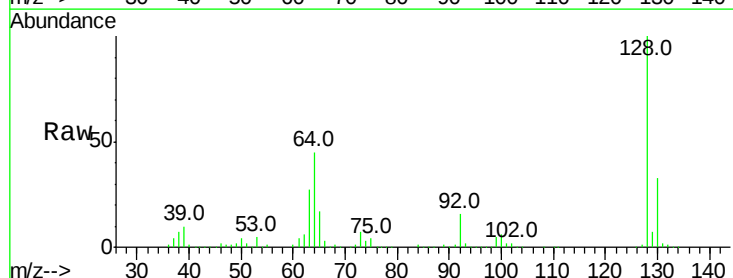
Tgt Ion:128 Resp: 345665

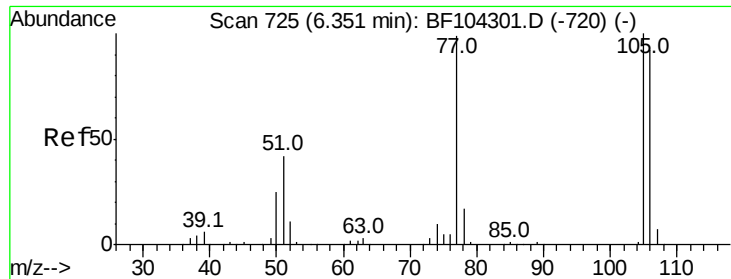
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 44.9 29.4 69.4

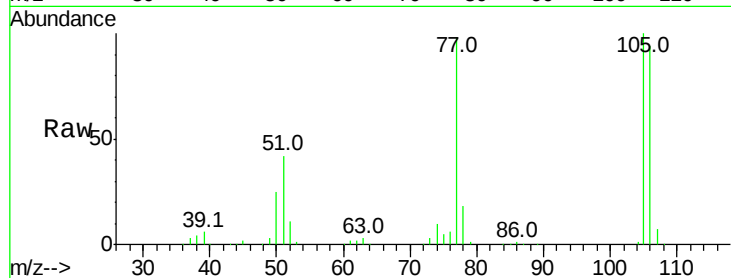




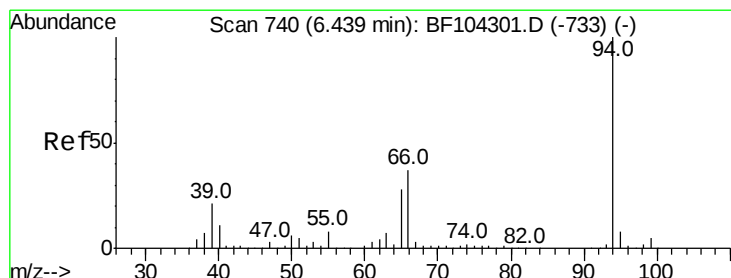
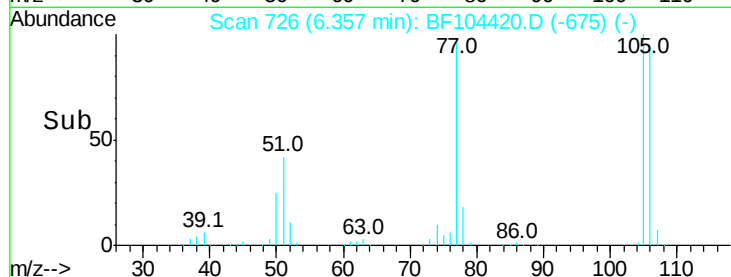
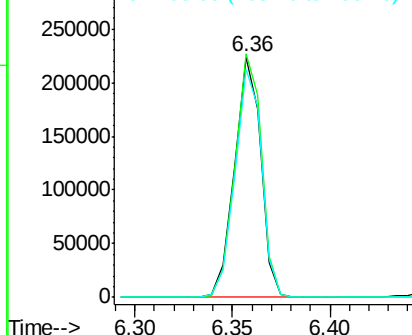
#9
Benzaldehyde
Concen: 38.436 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 207431
Ion Ratio Lower Upper
77 100
105 101.5 81.1 121.1
106 95.4 74.5 114.5

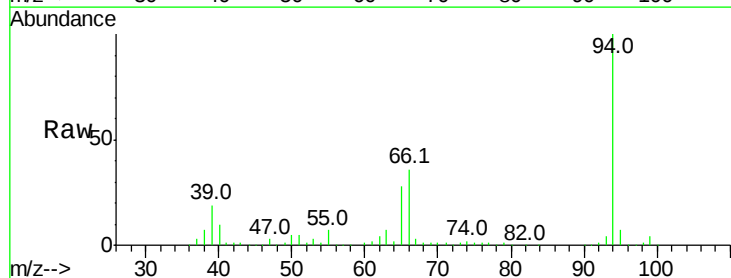


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

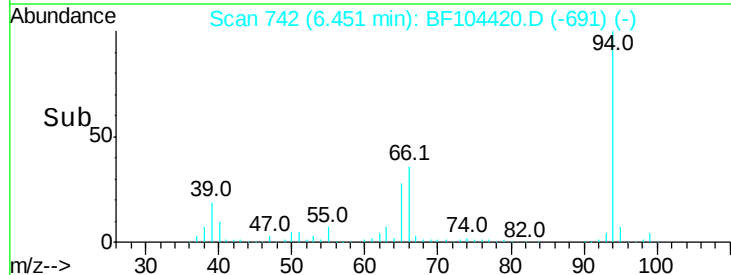
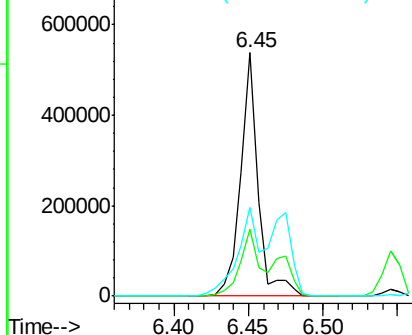


#10
Phenol
Concen: 39.405 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion: 94 Resp: 440321
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 36.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.016 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

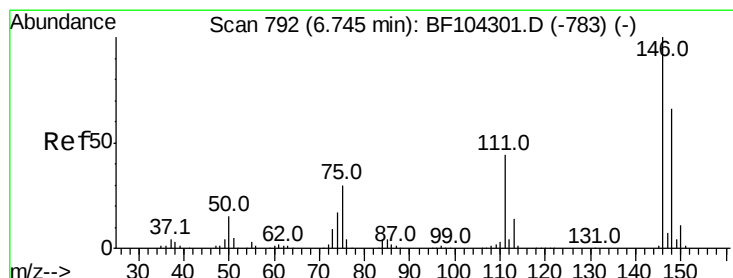
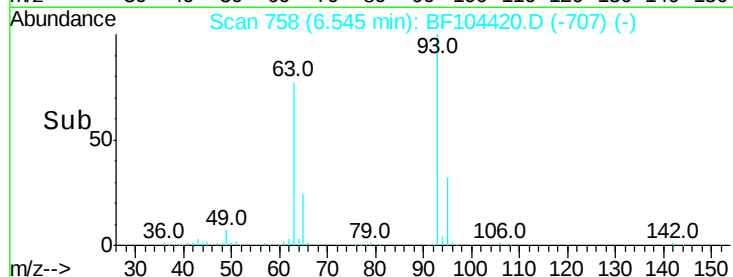
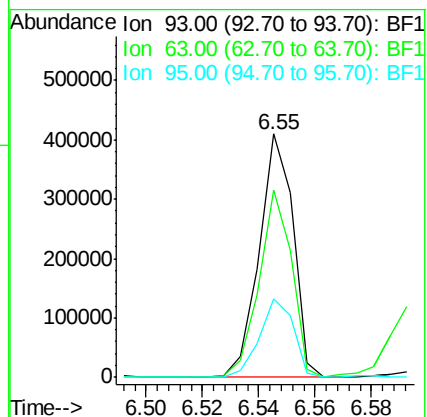
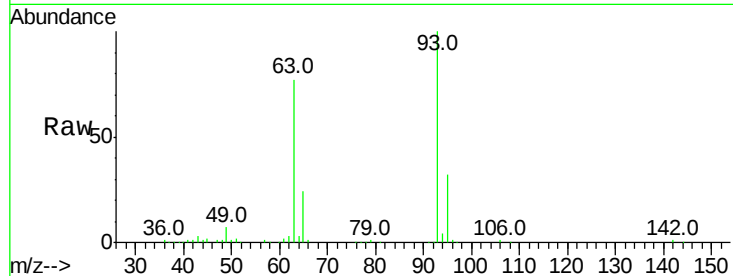
Tot Ion: 93 Resp: 338995

Ion Ratio Lower Upper

93 100

63 76.9 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.042 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

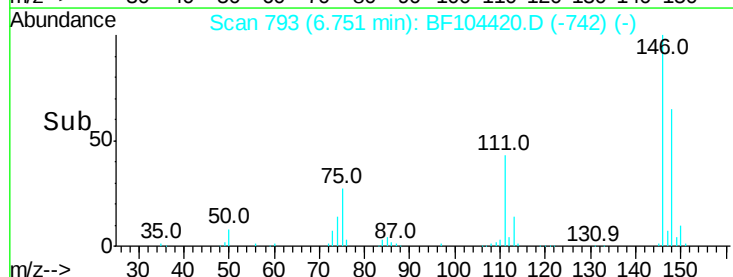
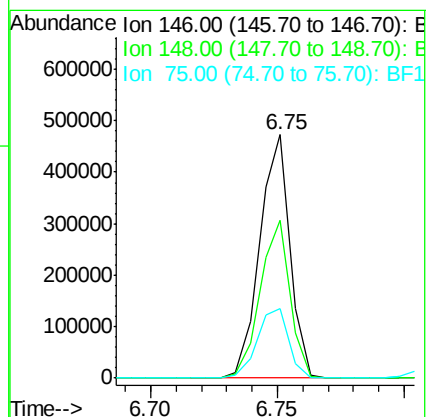
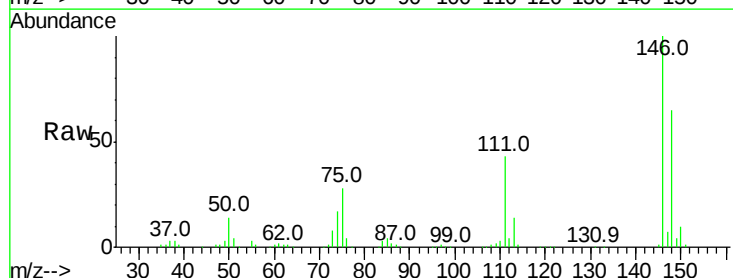
Tgt Ion: 146 Resp: 389897

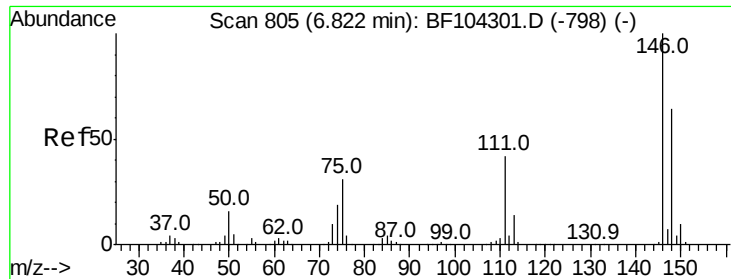
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 28.4 24.2 36.4

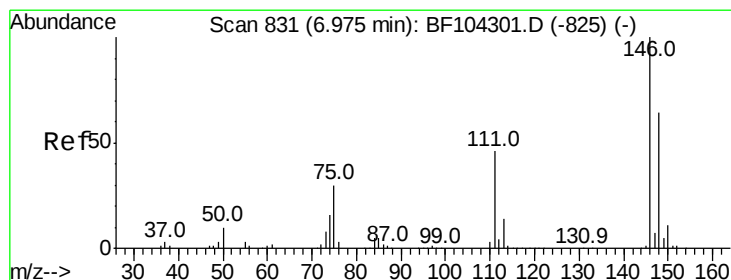
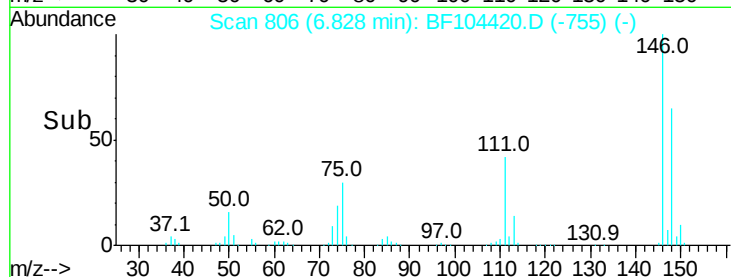
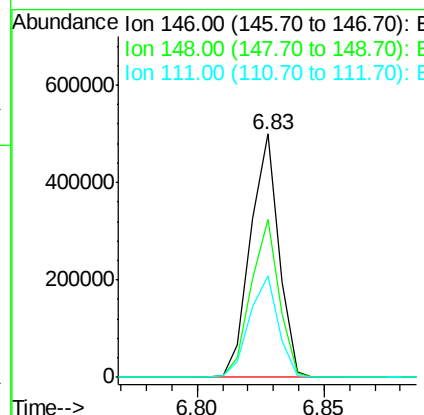
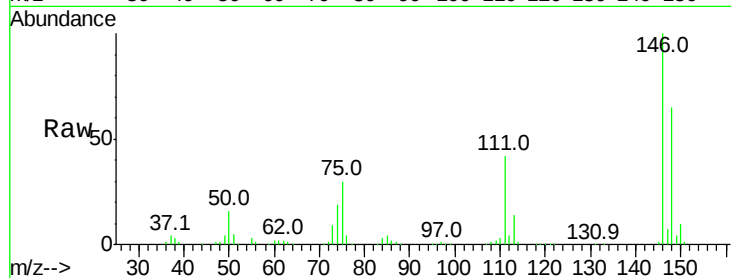




#13
 1,4-Dichlorobenzene
 Concen: 38.169 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

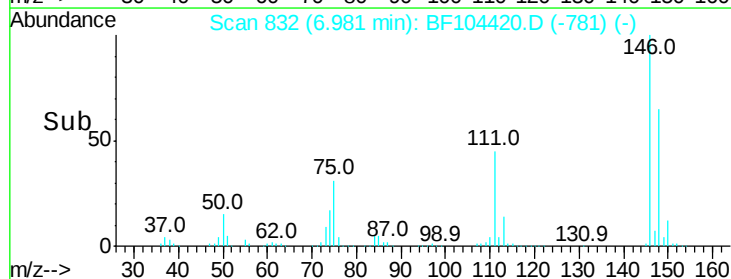
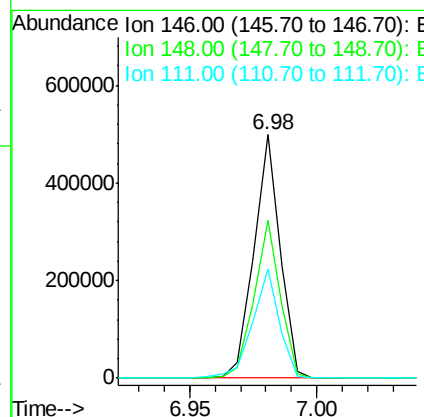
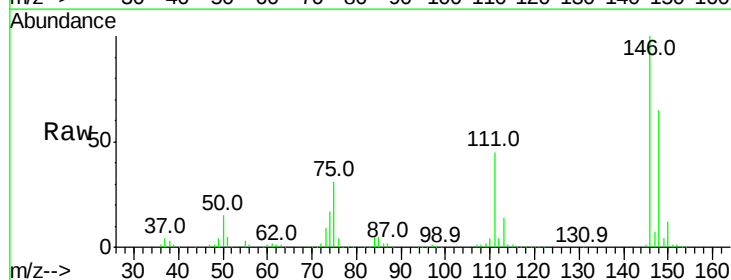
Instrument :
 BNA_F
 ClientSampleId :

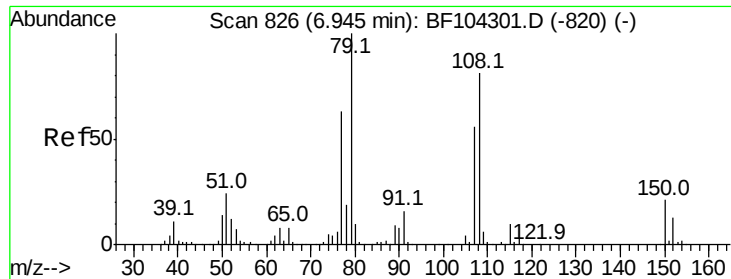
Tot Ion:146 Resp: 389962
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.005 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:146 Resp: 359819
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 44.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.642 ng

RT: 6.95 min Scan# 827

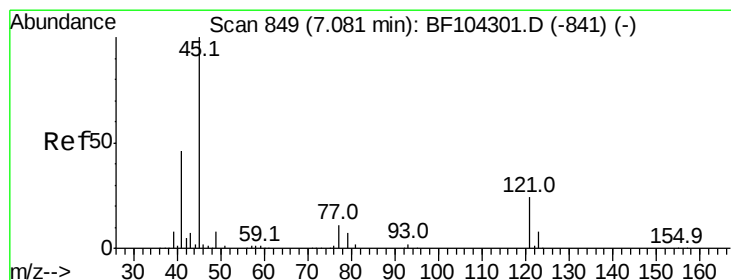
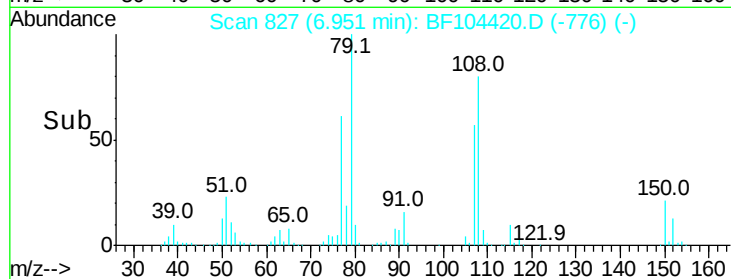
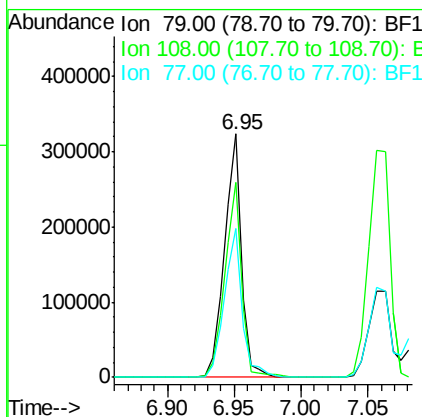
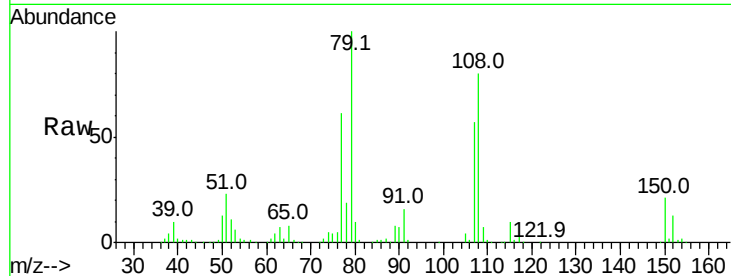
Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	293097
Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	61.0	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.546 ng

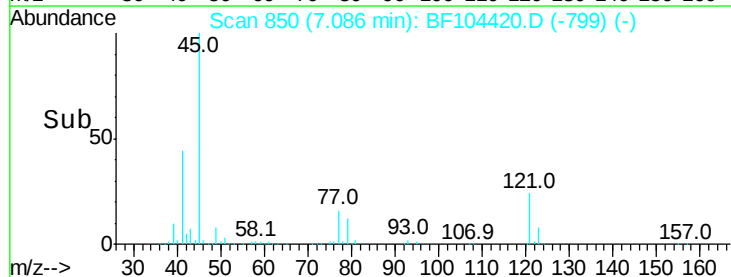
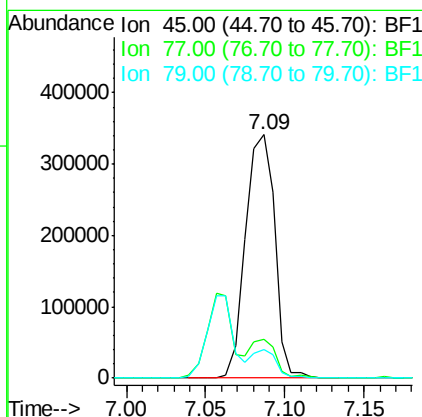
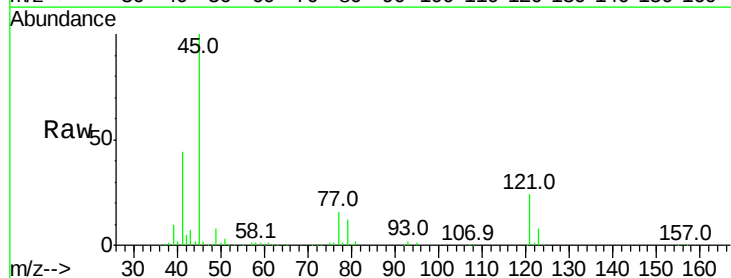
RT: 7.09 min Scan# 850

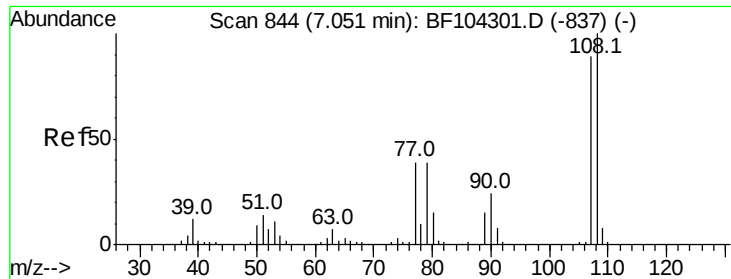
Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Tgt Ion:	45	Resp:	437648
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.9
79	11.9	0.0	29.6

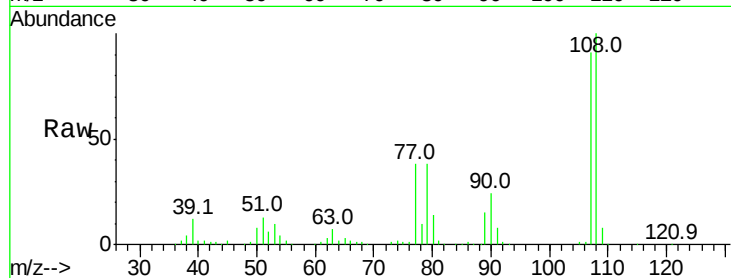




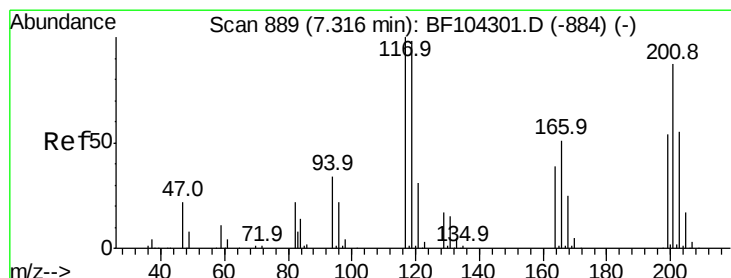
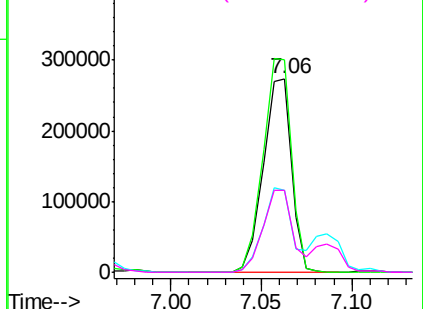
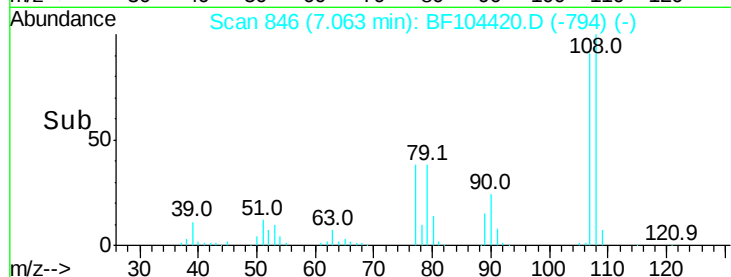
#17
2-Methylphenol
Concen: 37.696 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.7	137.5
77	42.0	33.8	50.8
79	42.2	33.8	50.8

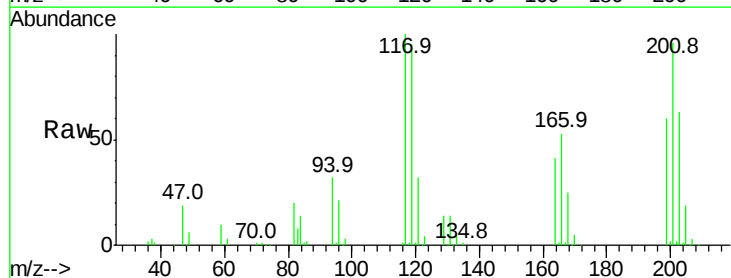


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

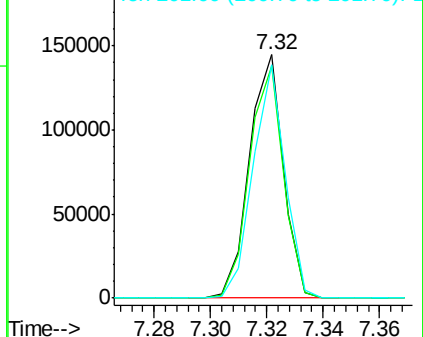
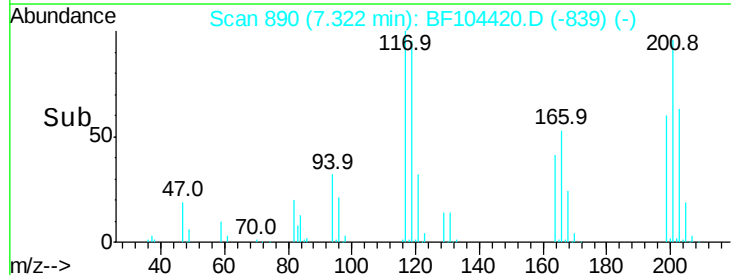


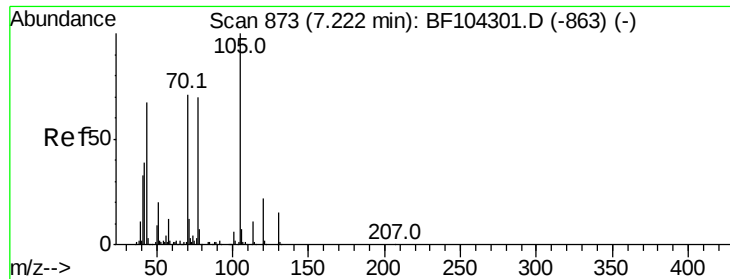
#18
Hexachloroethane
Concen: 33.065 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	95.8	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

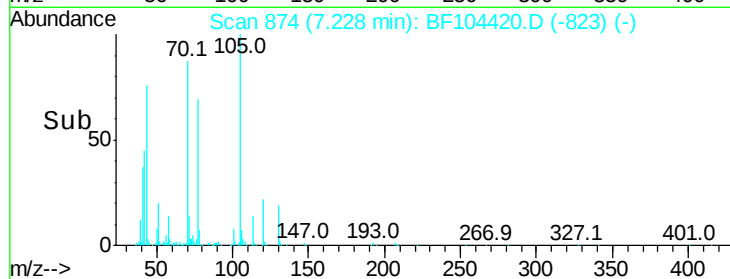
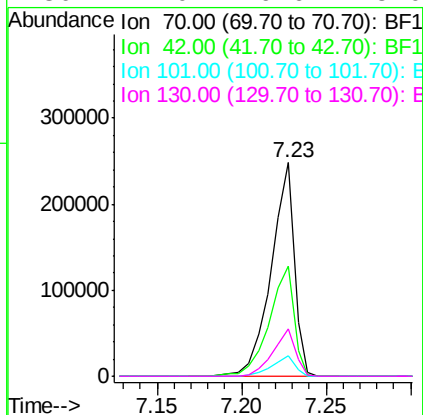
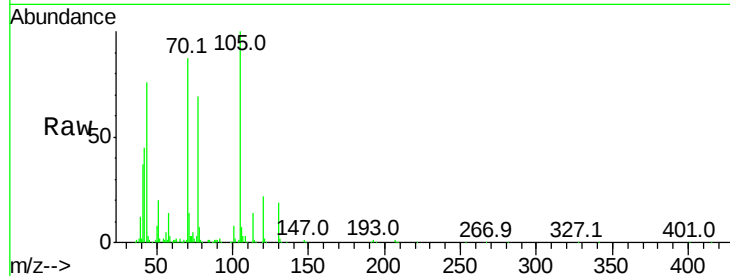




#19
n-Nitroso-di-n-propylamine
Concen: 34.369 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

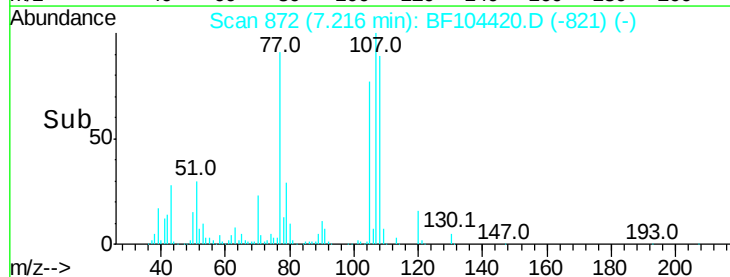
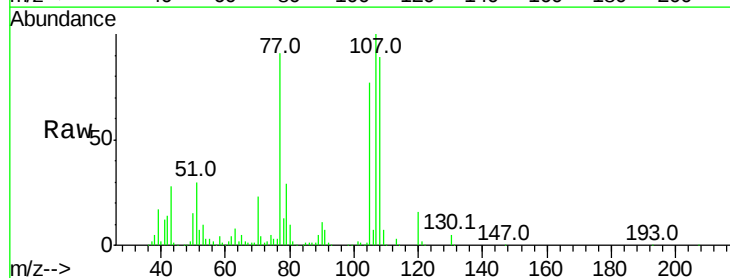
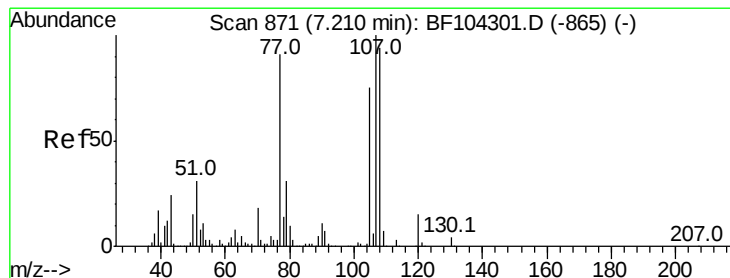
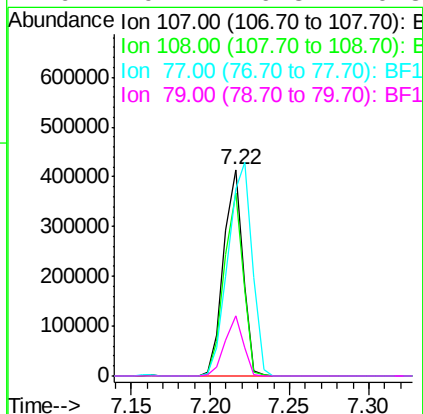
Instrument :
BNA_F
ClientSampleId :

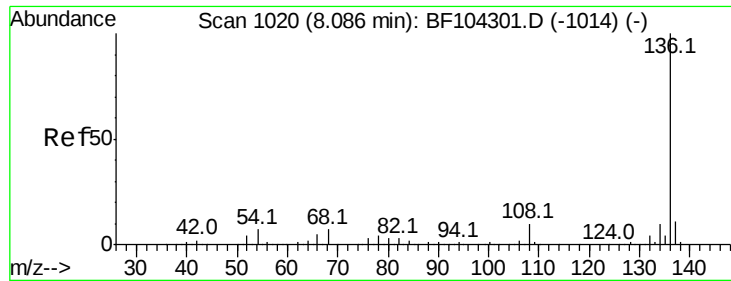
Tot Ion:	70	Resp:	236524
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	9.7	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.896 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:	107	Resp:	350107
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	90.6	26.7	66.7#
79	29.1	6.3	46.3

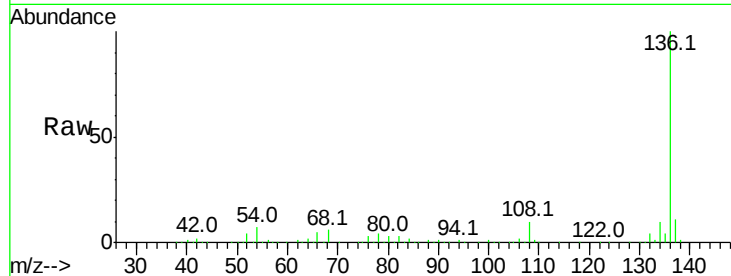




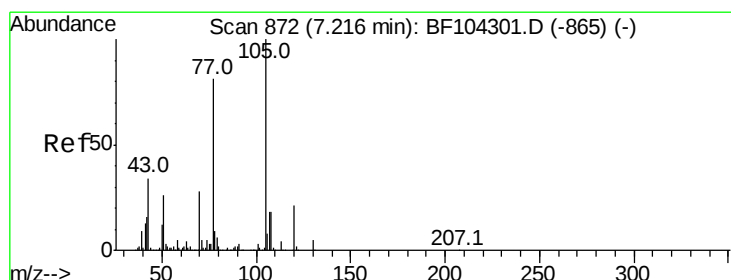
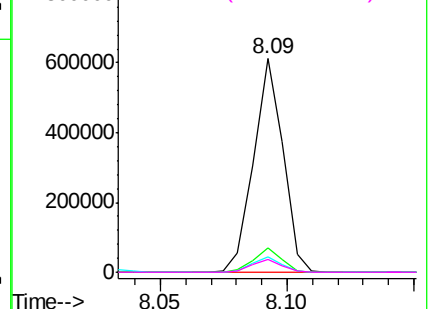
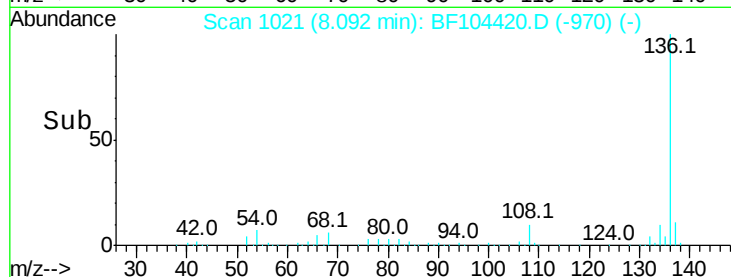
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	496391
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.0	6.6 9.8
68	6.3	5.0 7.4

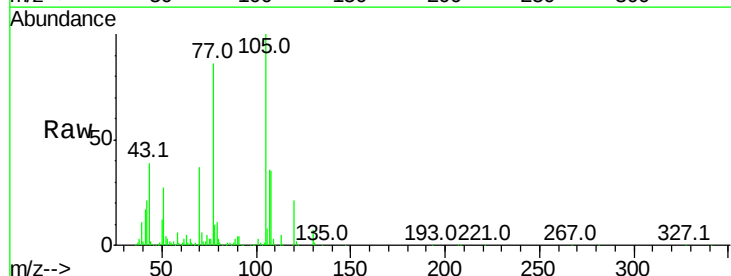


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

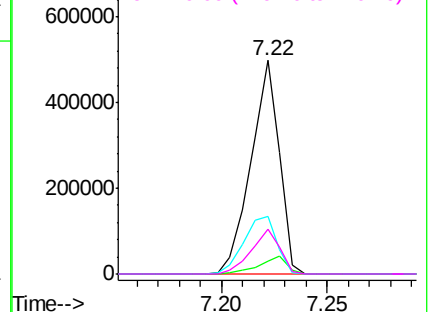
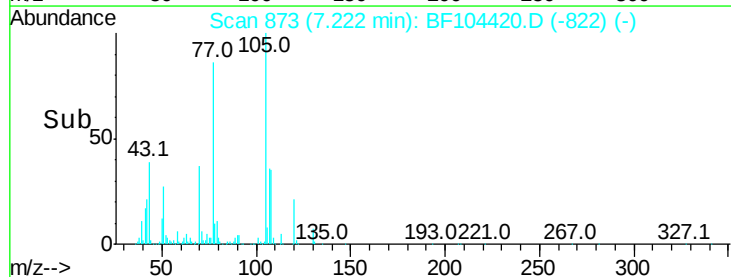


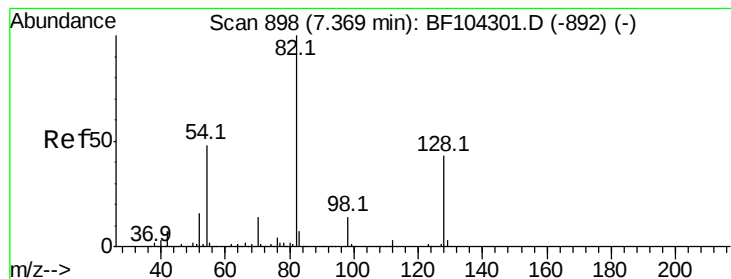
#22
Acetophenone
Concen: 38.047 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:105	Resp:	464965
Ion Ratio	Lower	Upper
105	100	
71	6.0	4.4 6.6
51	27.0	22.3 33.5
120	20.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.014 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

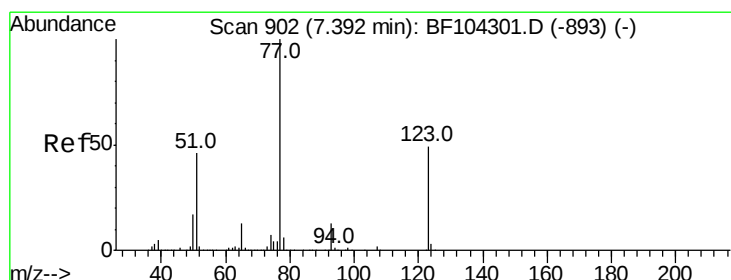
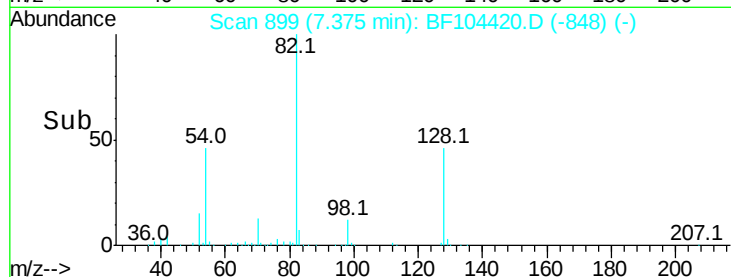
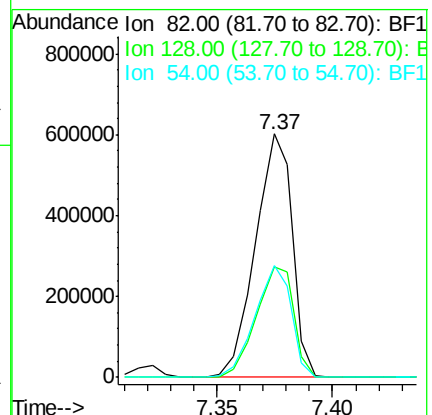
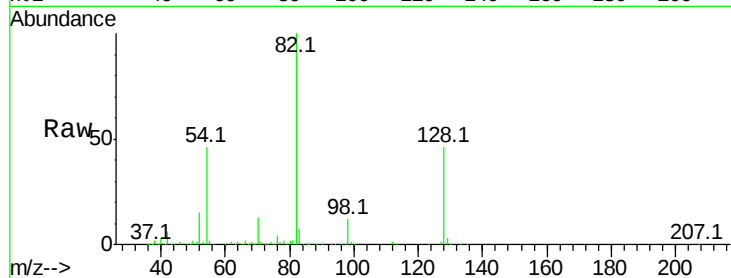
Tot Ion: 82 Resp: 669075

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

54 46.0 41.4 62.2



#24

Nitrobenzene

Concen: 42.606 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

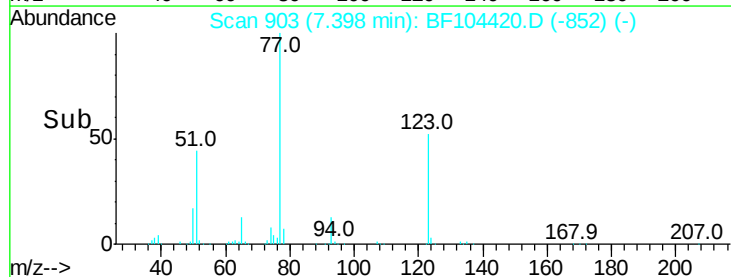
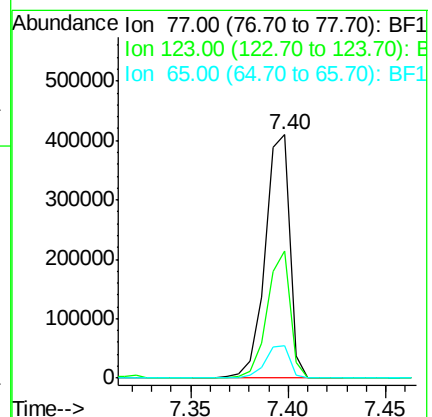
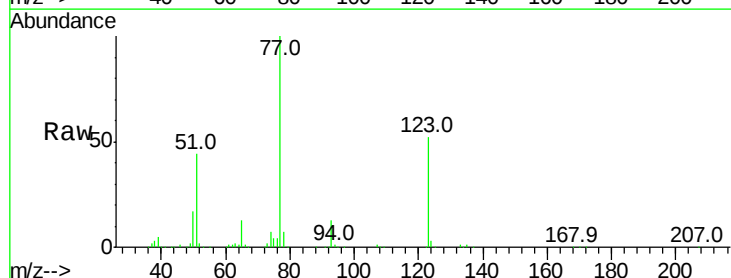
Tgt Ion: 77 Resp: 357592

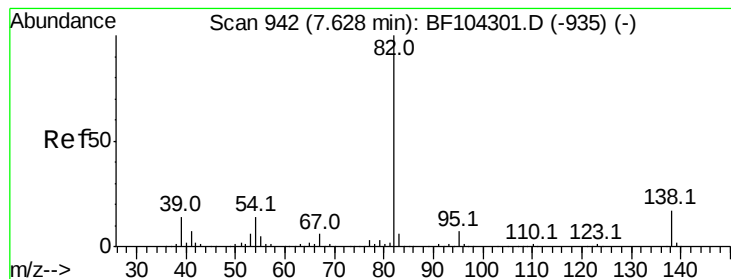
Ion Ratio Lower Upper

77 100

123 52.3 37.9 56.9

65 13.1 11.0 16.4





#25

Isophorone

Concen: 37.098 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

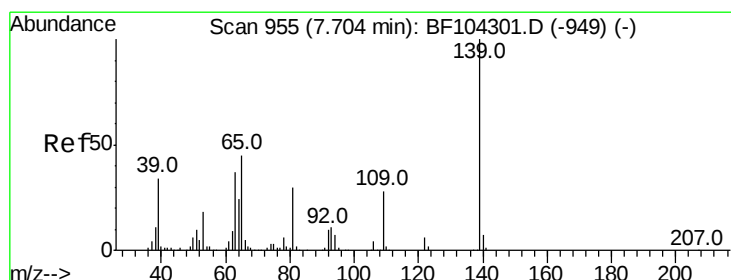
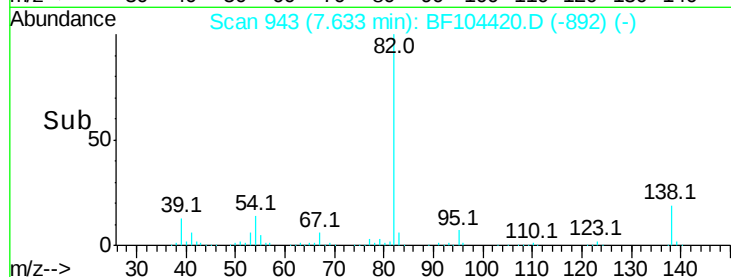
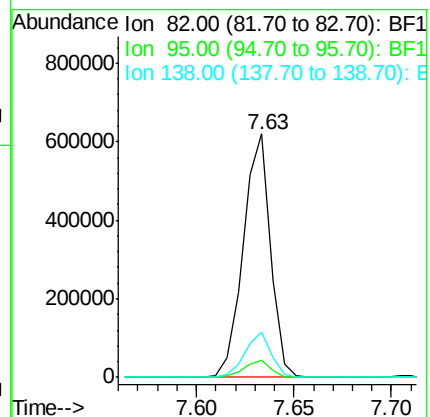
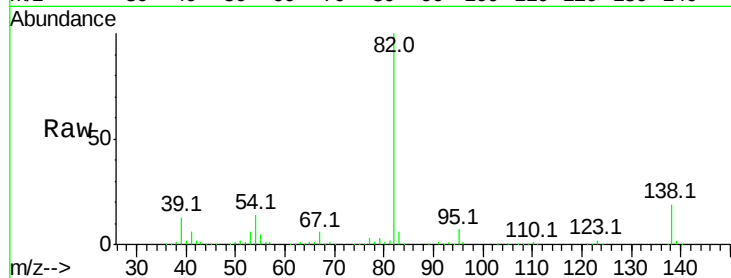
Tot Ion: 82 Resp: 596360

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 47.337 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

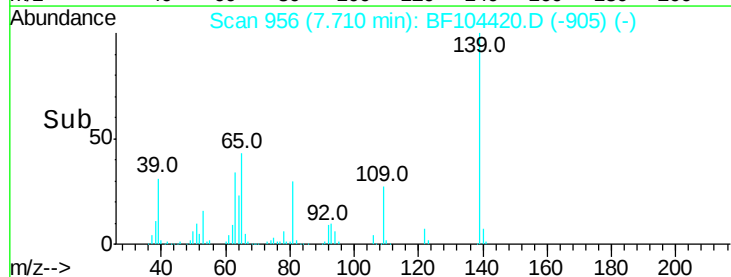
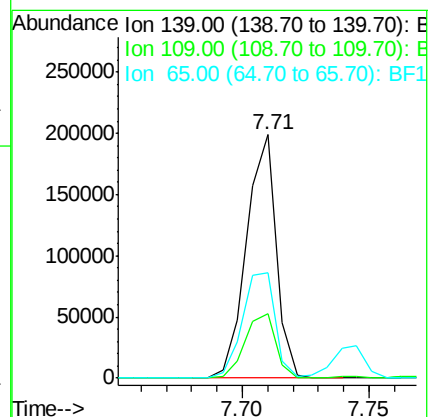
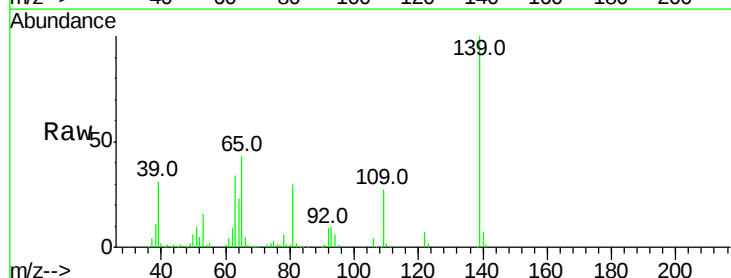
Tgt Ion: 139 Resp: 161741

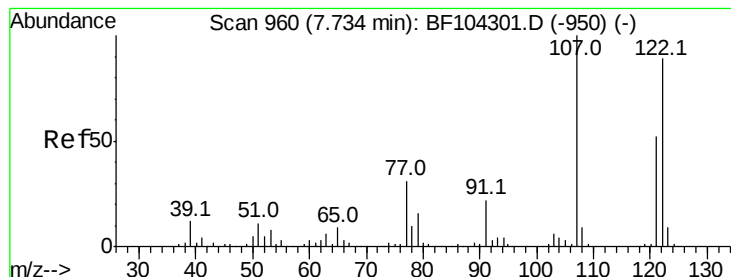
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 43.3 40.5 60.7

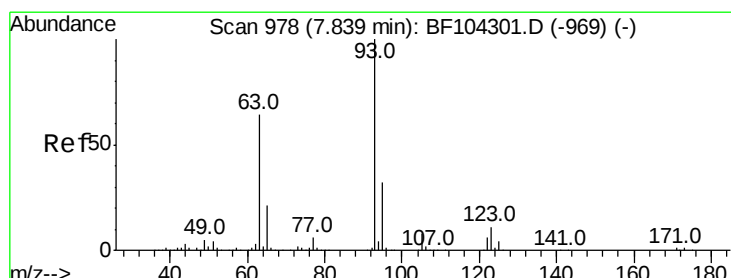
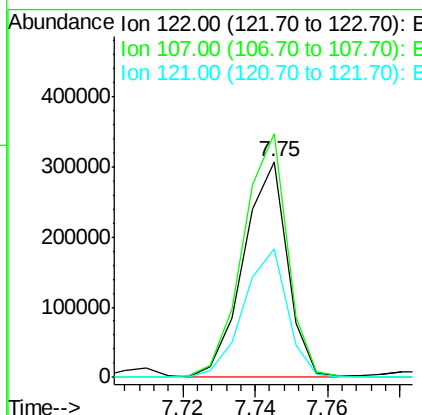
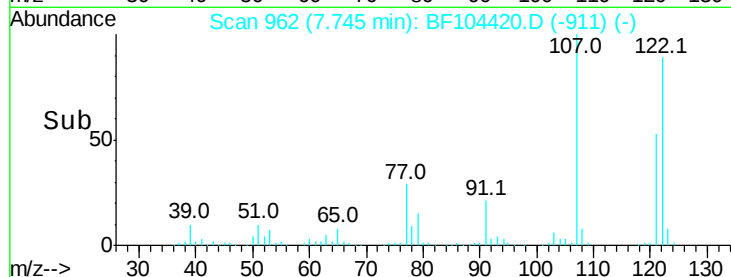
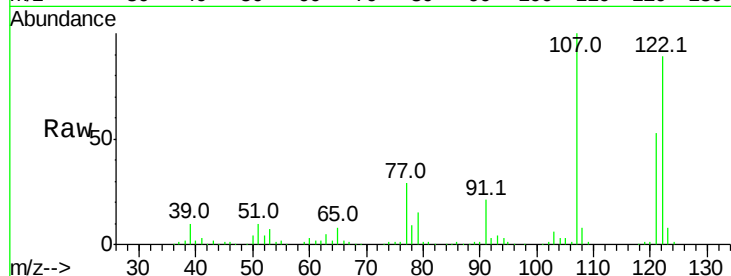




#27
 2,4-Dimethylphenol
 Concen: 36.560 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

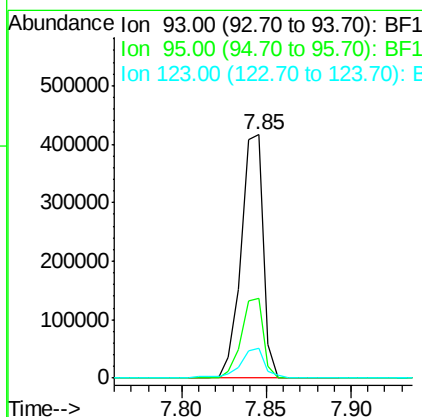
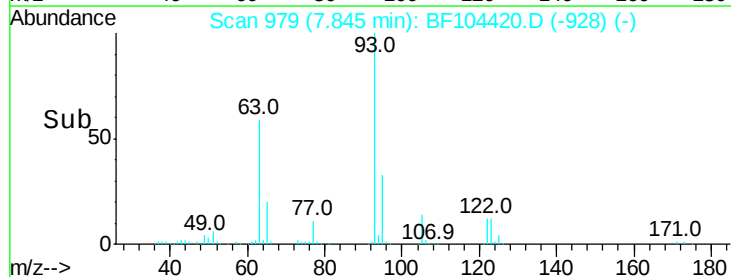
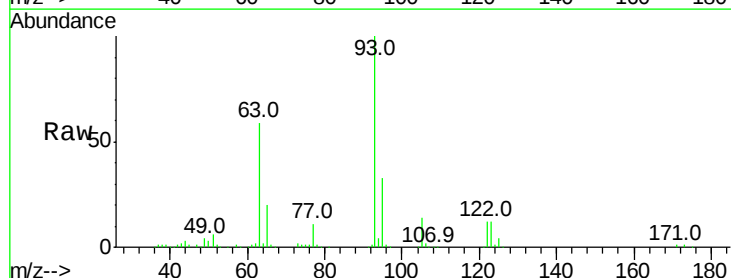
Instrument :
 BNA_F
 ClientSampleId :

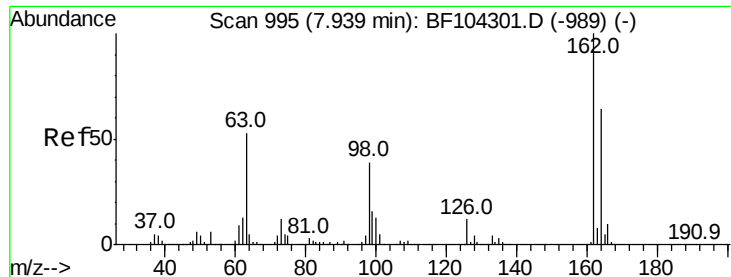
Tot Ion:122 Resp: 259379
 Ion Ratio Lower Upper
 122 100
 107 112.8 91.2 136.8
 121 59.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.637 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion: 93 Resp: 379748
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 12.4 9.8 14.6

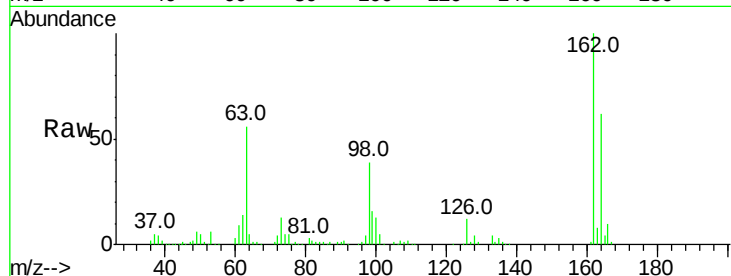




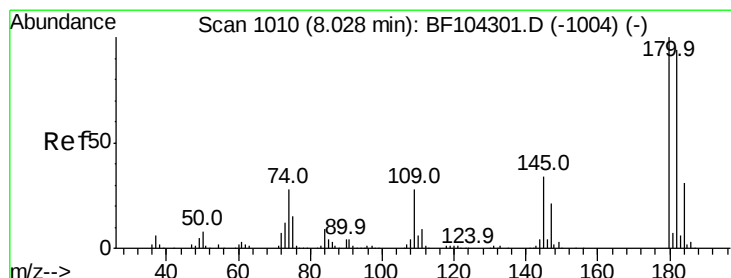
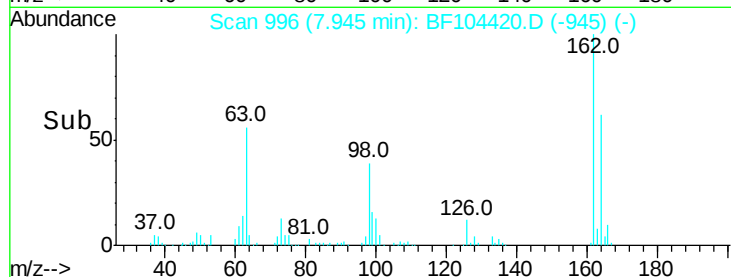
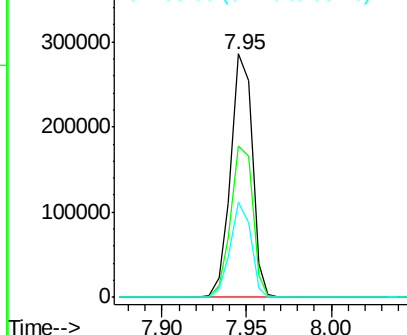
#29
 2,4-Dichlorophenol
 Concen: 37.664 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	39.2	18.1	58.1

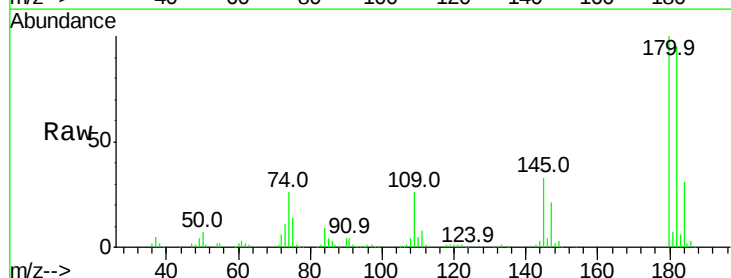


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

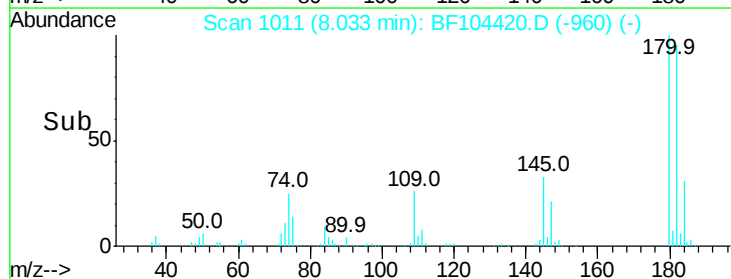
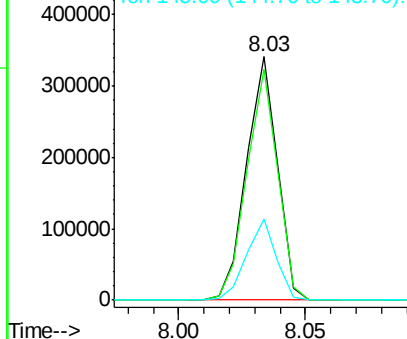


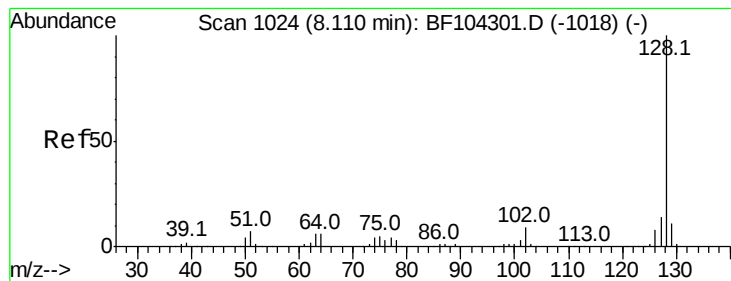
#30
 1,2,4-Trichlorobenzene
 Concen: 38.906 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	33.1	26.5	39.7



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





#31

Naphthalene

Concen: 37.642 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

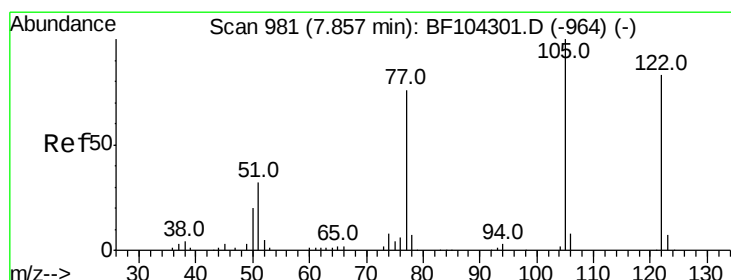
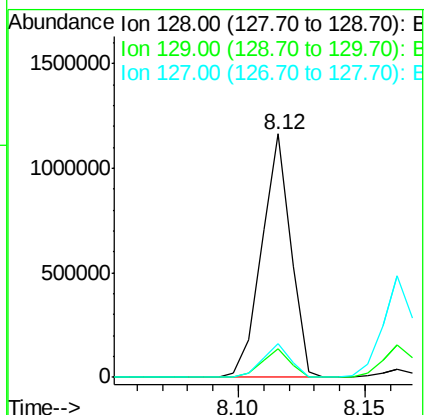
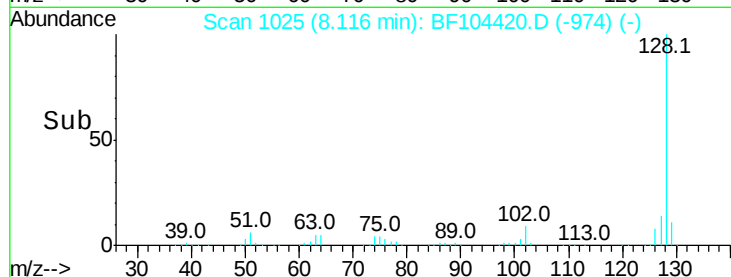
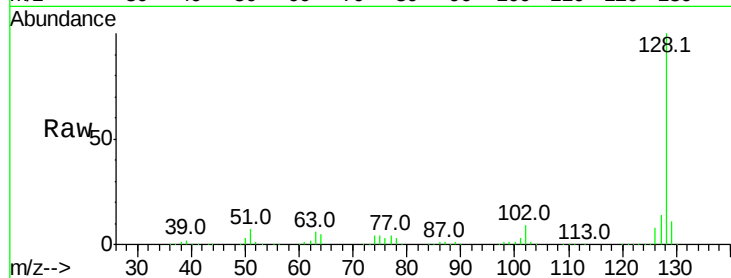
Tot Ion:128 Resp: 930426

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 35.526 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

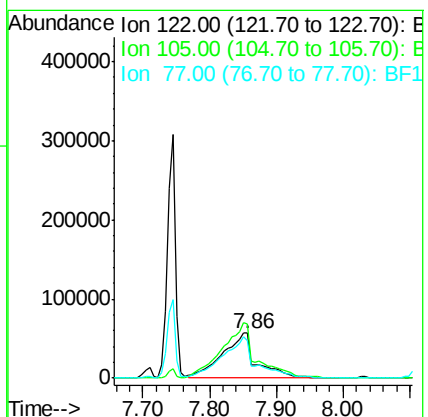
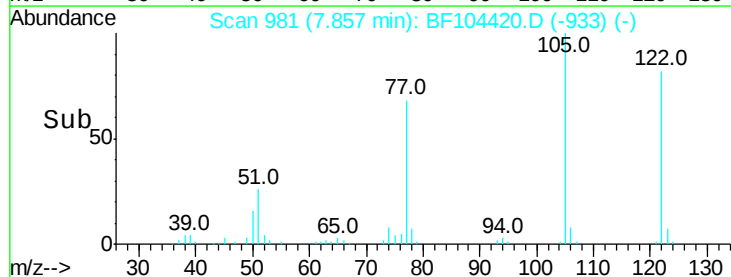
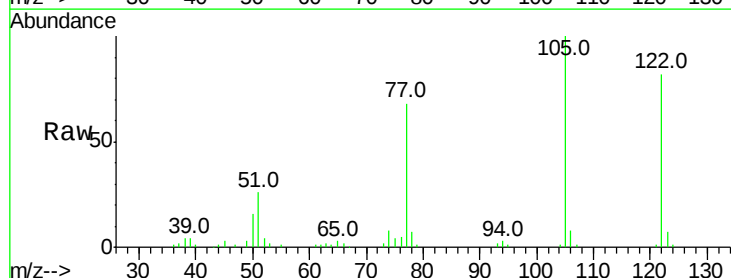
Tgt Ion:122 Resp: 201102

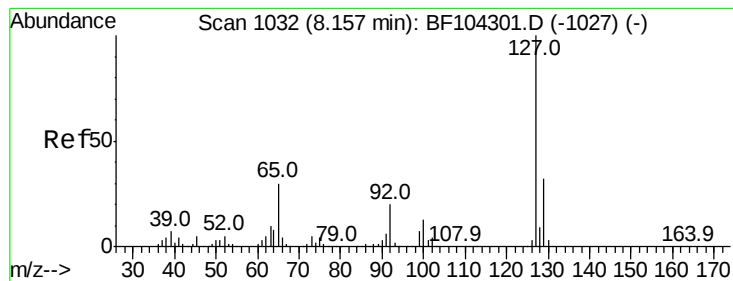
Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

77 82.7 70.7 110.7





#33

4-Chloroaniline

Concen: 37.330 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 395299

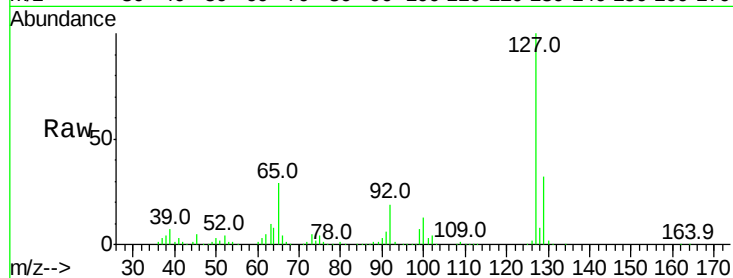
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 29.1 25.0 37.4

92 18.9 15.2 22.8

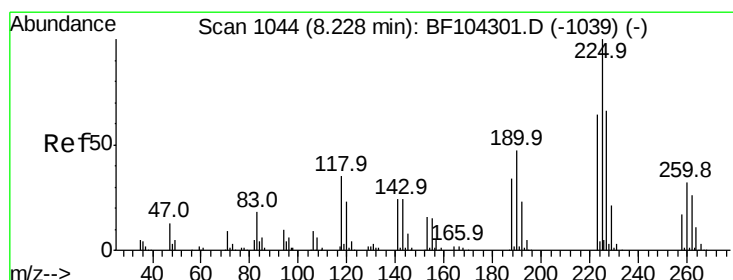
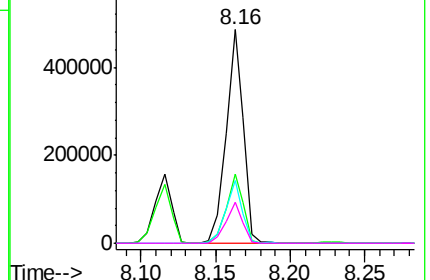
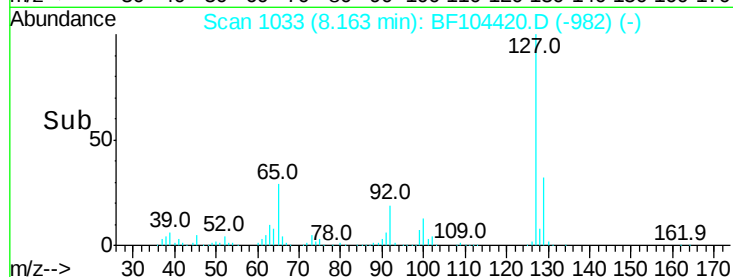


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.928 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

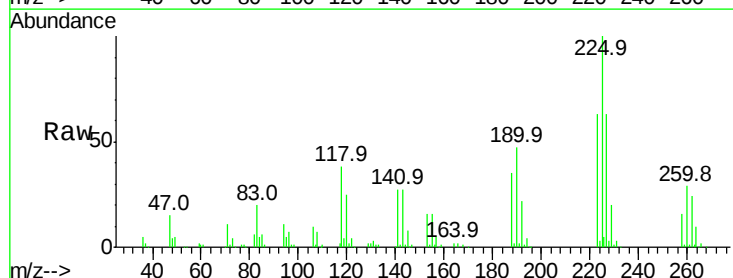
Tgt Ion:225 Resp: 162473

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

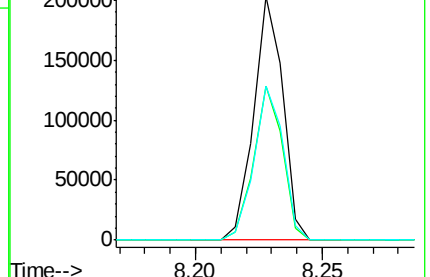
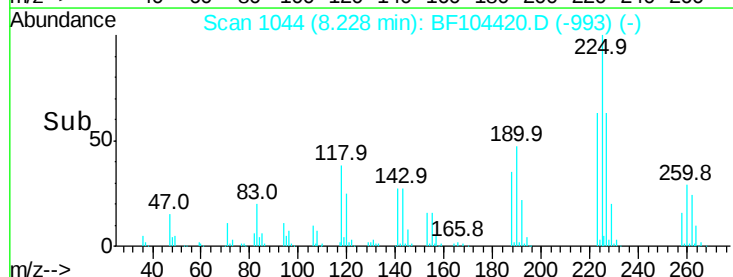
227 63.3 51.9 77.9

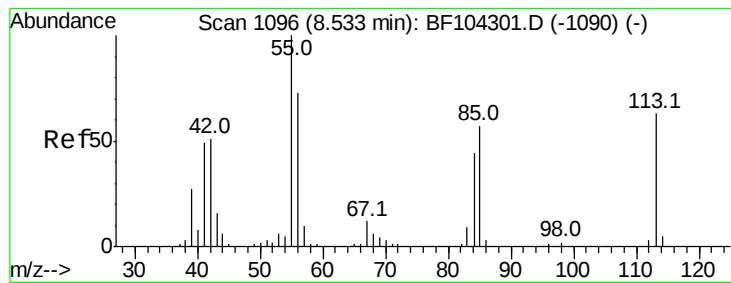


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.141 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

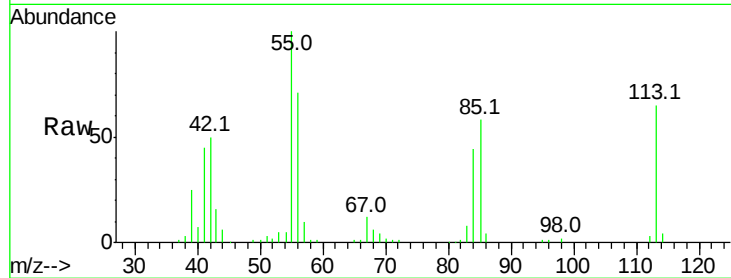
Tot Ion:113 Resp: 78261

Ion Ratio Lower Upper

113 100

55 154.8 163.3 203.3#

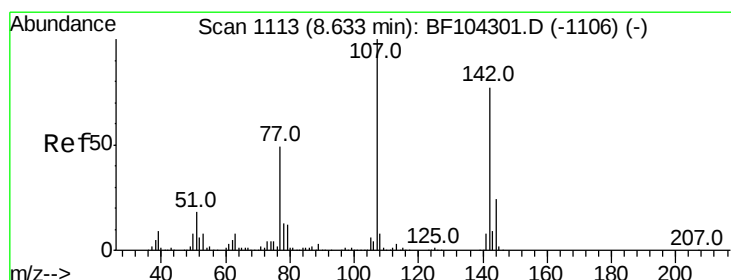
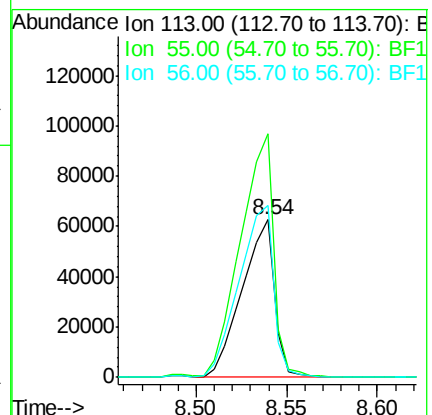
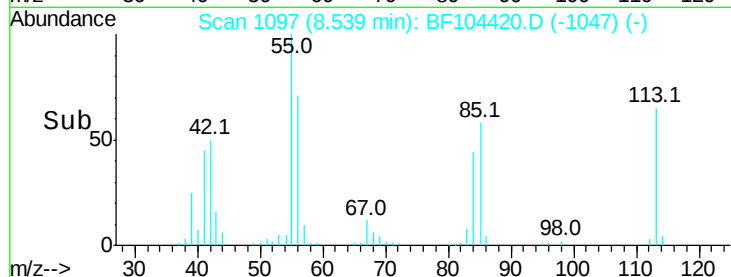
56 109.2 115.7 155.7#



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: 34.628 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

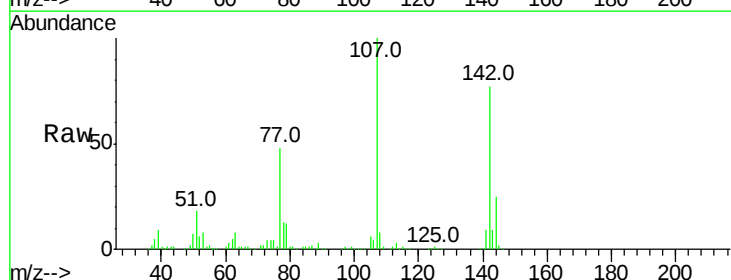
Tgt Ion:107 Resp: 251344

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

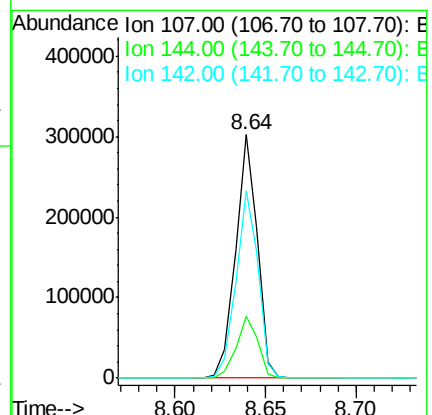
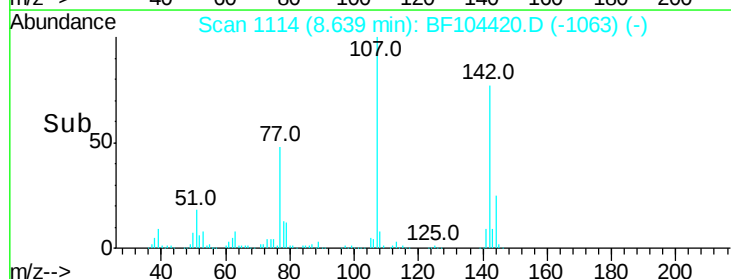
142 77.1 62.0 93.0

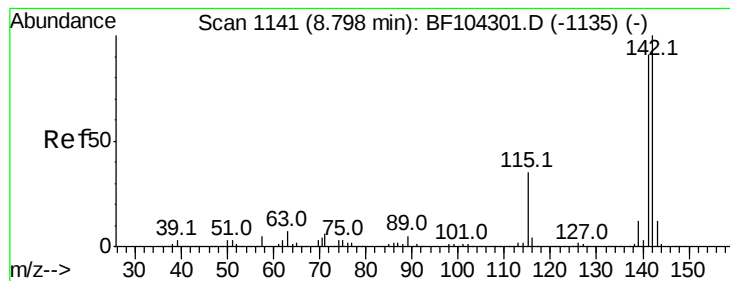


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

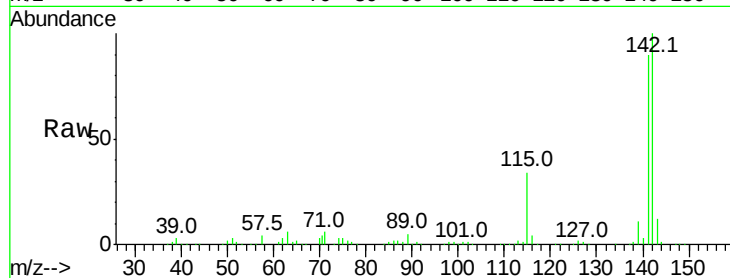




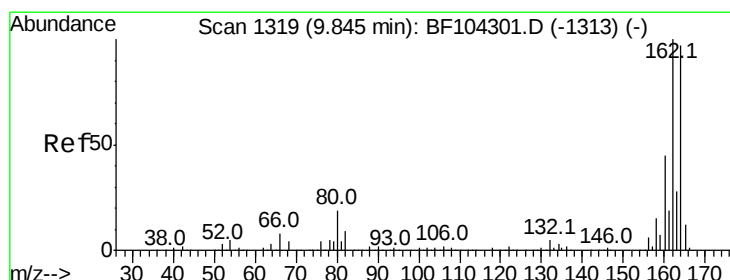
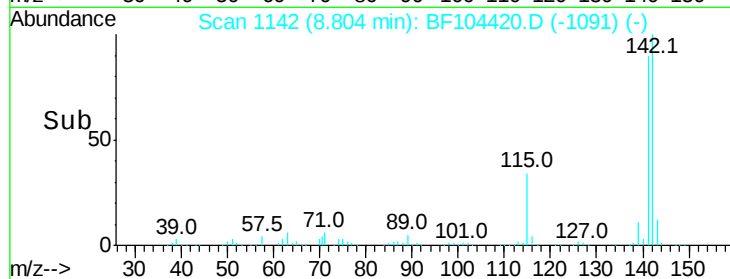
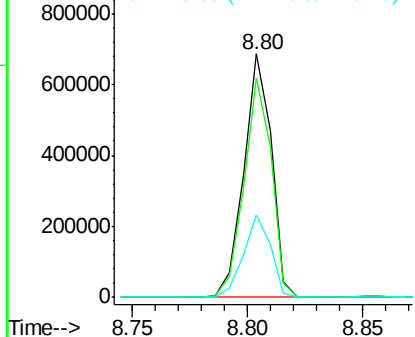
#37
2-Methylnaphthalene
Concen: 35.768 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	33.8	26.1	39.1

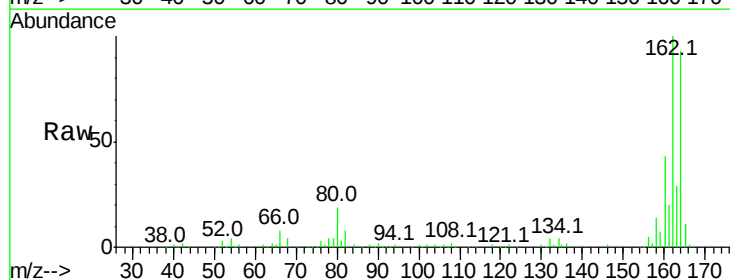


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

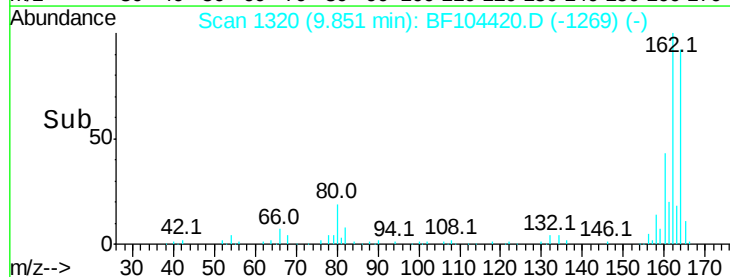
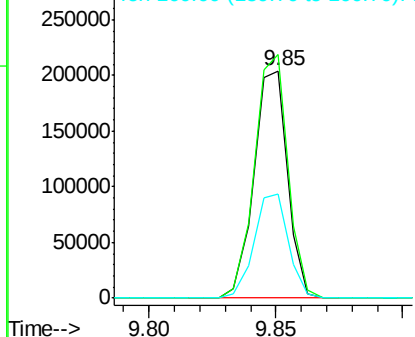


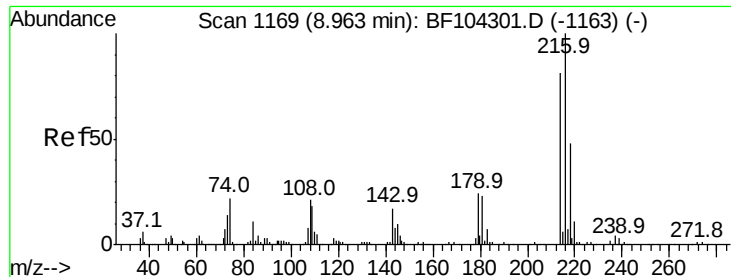
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	45.8	38.3	57.5



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

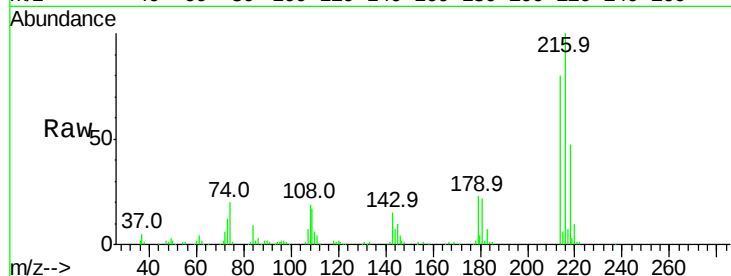




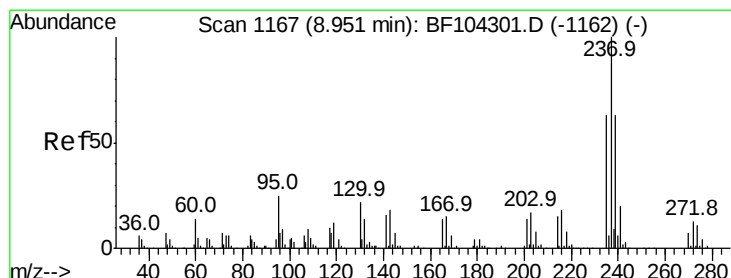
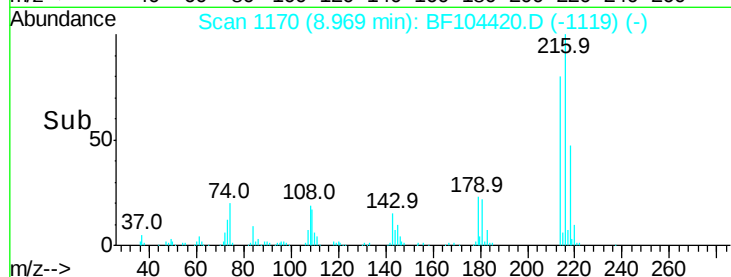
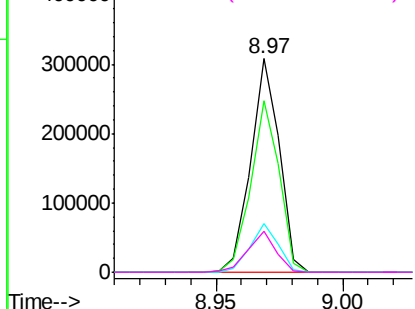
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.639 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	241232
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.2	18.1	27.1
108	19.0	17.2	25.8

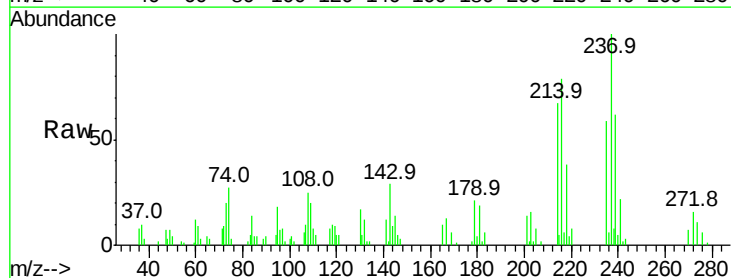


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

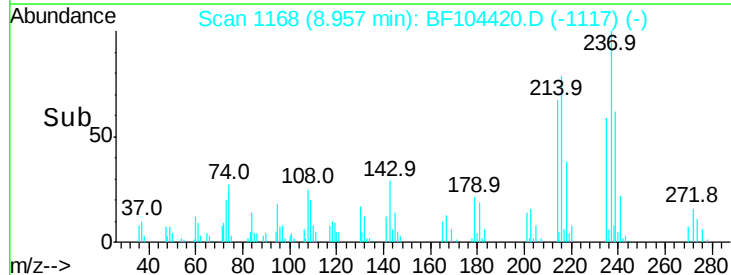
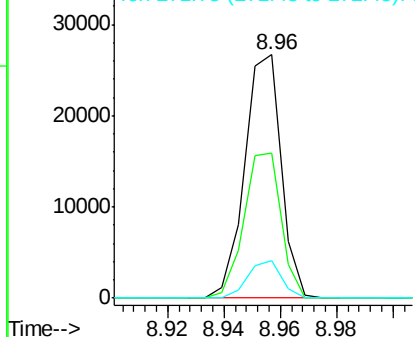


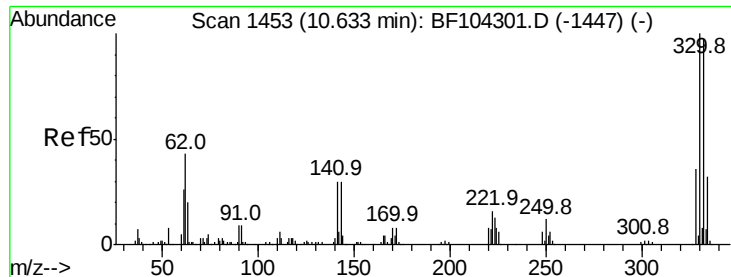
#40
 Hexachlorocyclopentadiene
 Concen: 7.915 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:	237	Resp:	23946
Ion	Ratio	Lower	Upper
237	100		
235	59.4	44.8	84.8
272	15.6	0.0	33.3



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

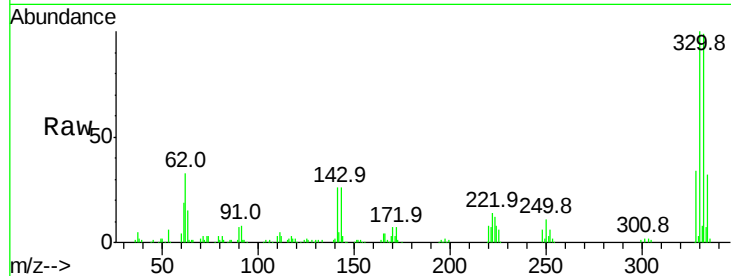




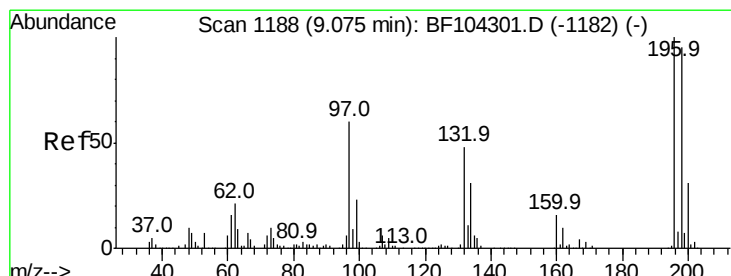
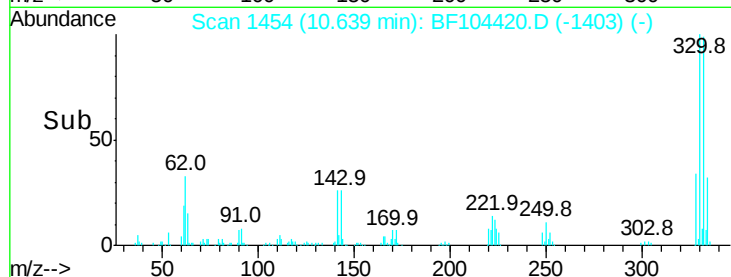
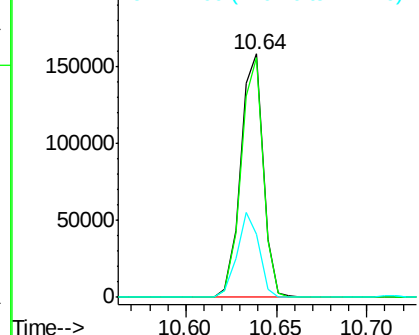
#41
 2,4,6-Tribromophenol
 Concen: 70.067 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 137213
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.1 29.9 44.9

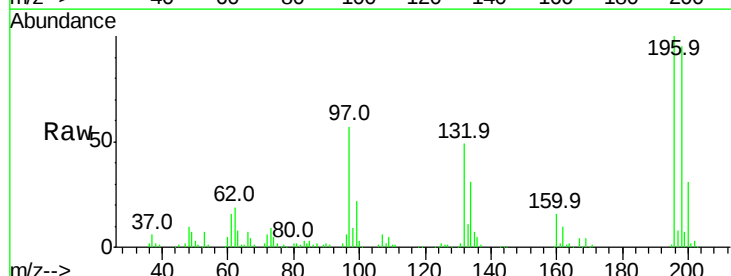


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

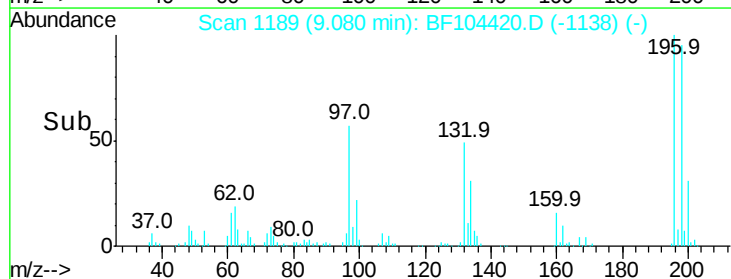
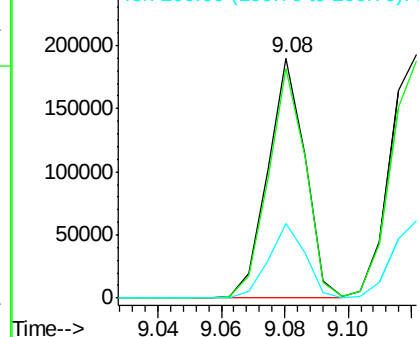


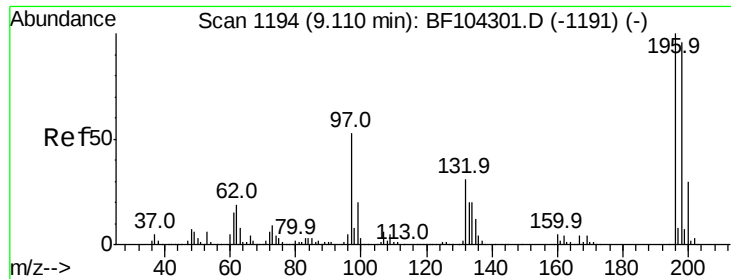
#42
 2,4,6-Trichlorophenol
 Concen: 41.434 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:196 Resp: 155438
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

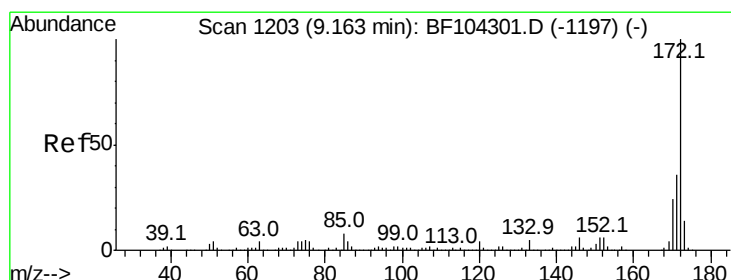
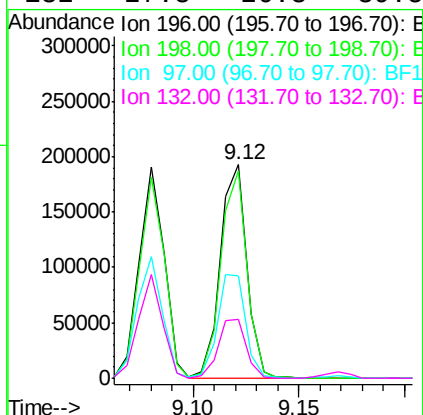
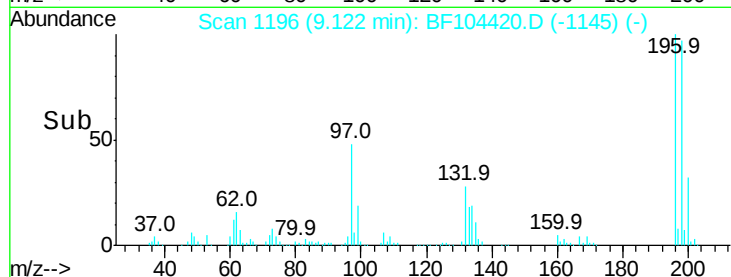
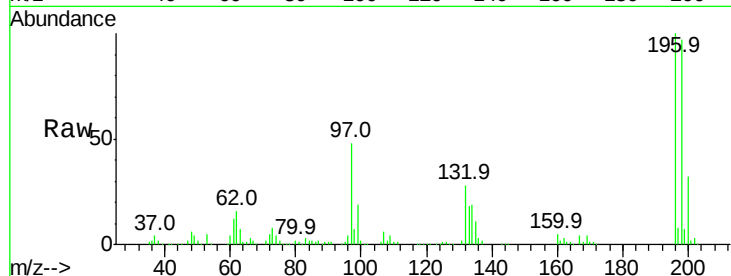




#43
 2,4,5-Trichlorophenol
 Concen: 39.902 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

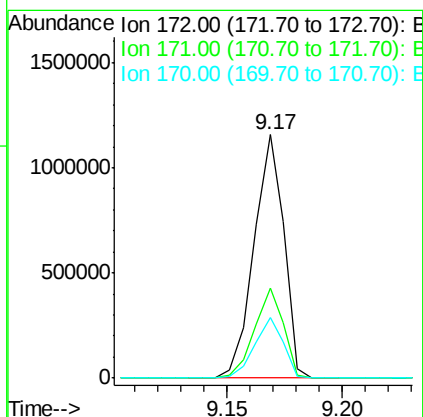
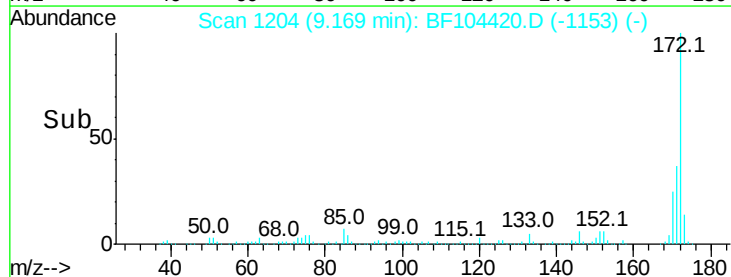
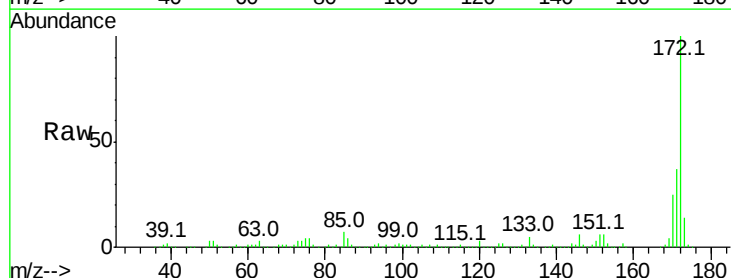
Instrument :
 BNA_F
 ClientSampled :

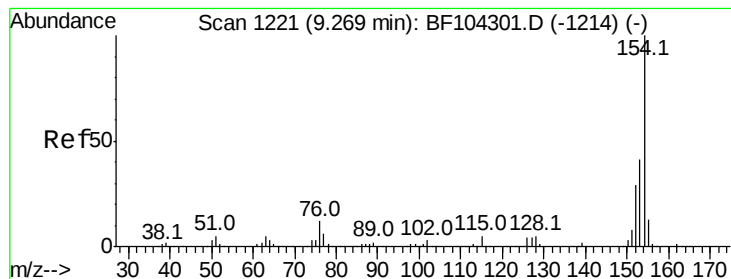
Tot Ion:196	Resp: 167510
Ion Ratio	Lower Upper
196 100	
198 97.3	74.6 112.0
97 47.8	42.9 64.3
132 27.8	26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 87.346 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion	172	Resp: 1043806	
	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.381 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

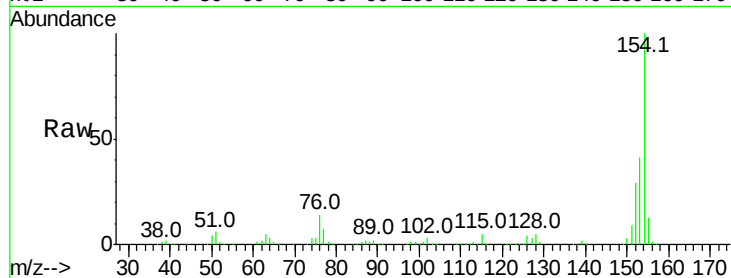
Tot Ion:154 Resp: 672123

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

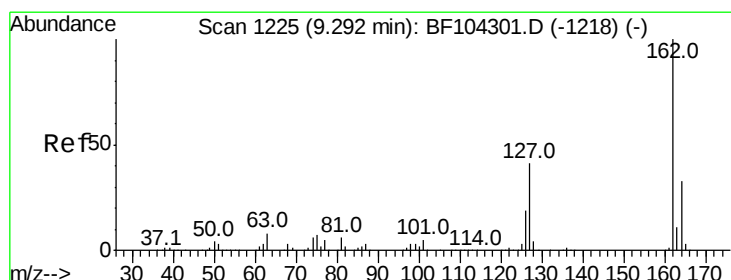
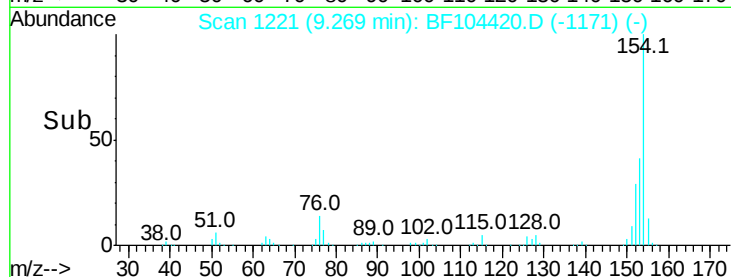
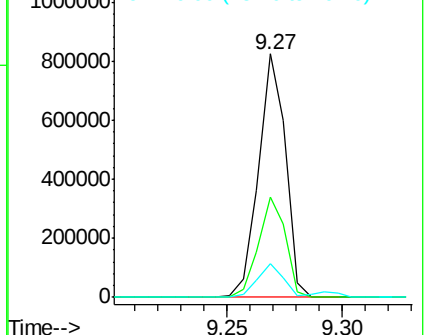
76 13.7 0.0 34.0



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: 41.060 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

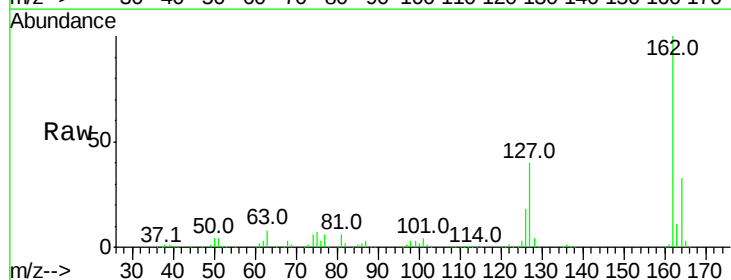
Tgt Ion:162 Resp: 514350

Ion Ratio Lower Upper

162 100

127 39.6 33.9 50.9

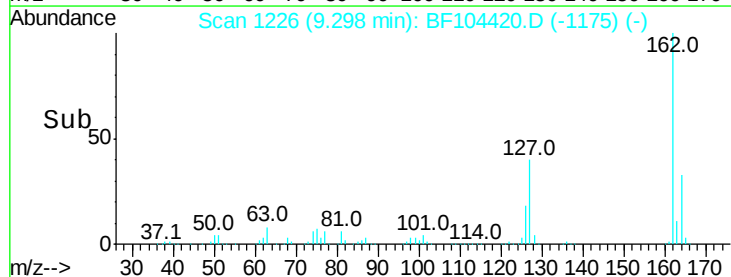
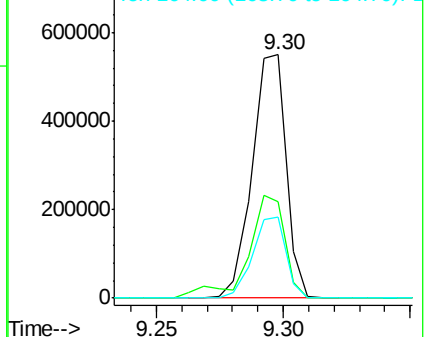
164 33.3 26.5 39.7

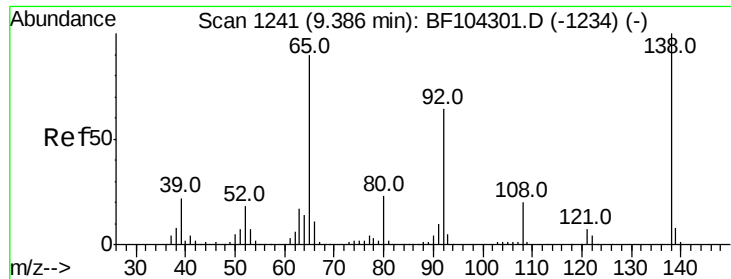


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

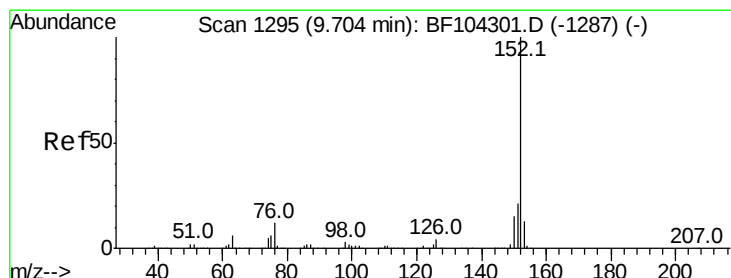
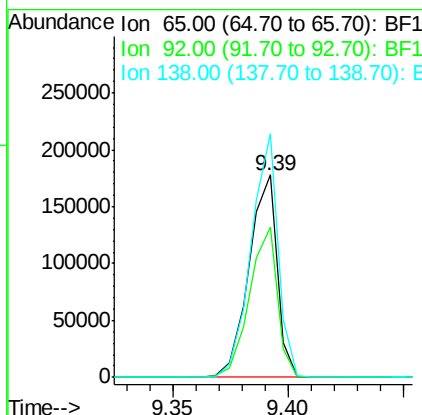
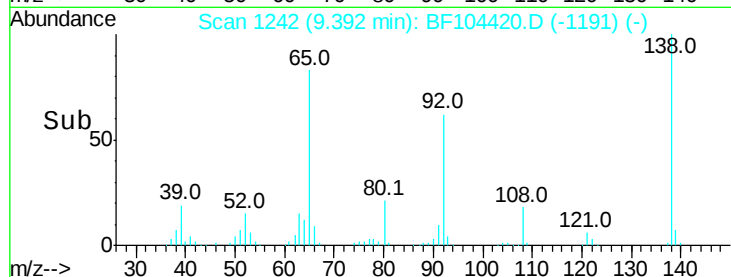
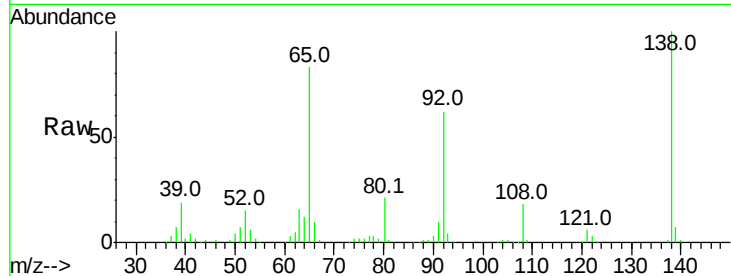




#47
2-Nitroaniline
Concen: 49.227 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

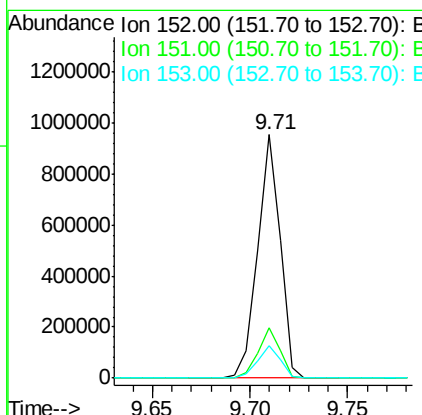
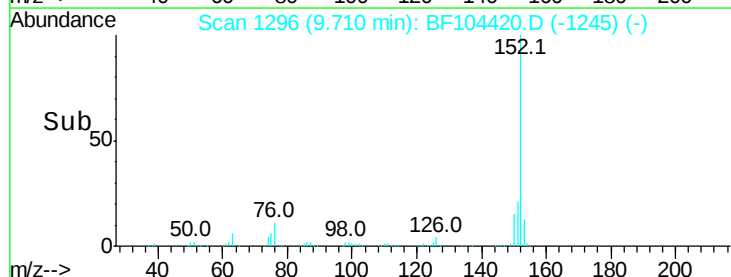
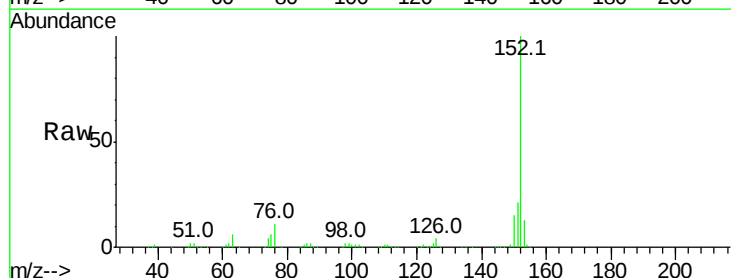
Instrument :
BNA_F
ClientSampled :

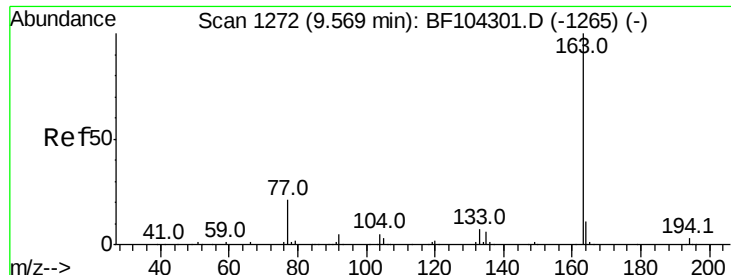
Tot Ion: 65 Resp: 152499
Ion Ratio Lower Upper
65 100
92 74.5 55.8 83.6
138 120.3 91.2 136.8



#48
Acenaphthylene
Concen: 38.738 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:152 Resp: 761370
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.7 16.1

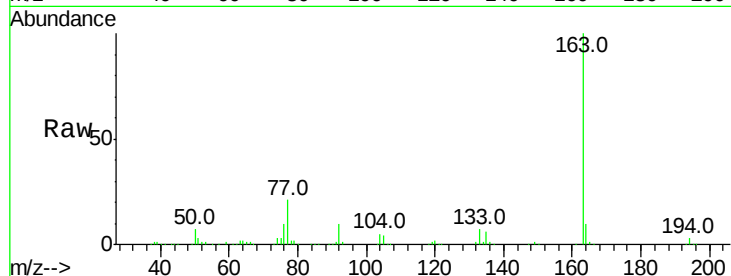




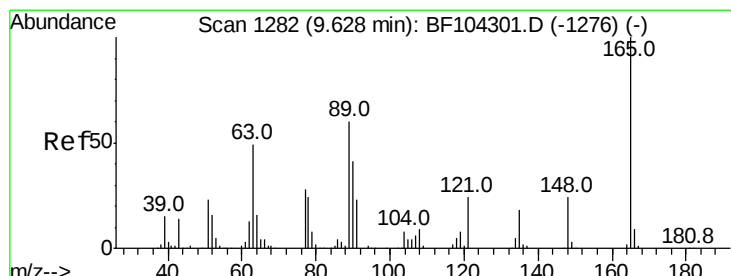
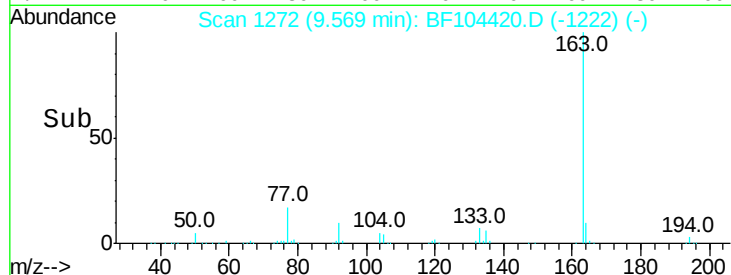
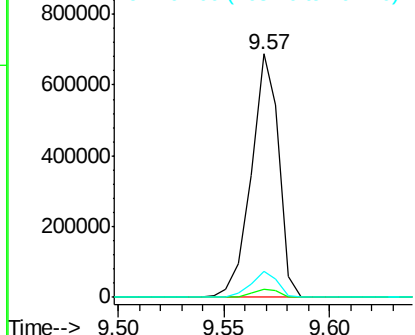
#49
Dimethylphthalate
Concen: 41.703 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 620840
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

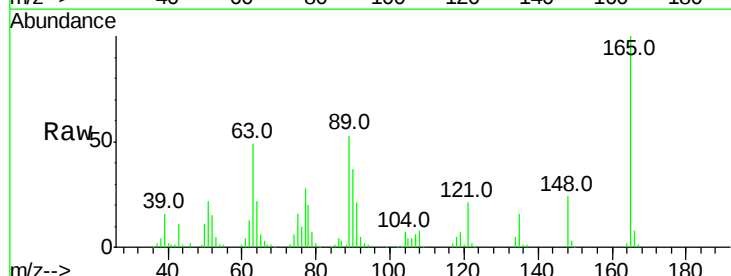


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

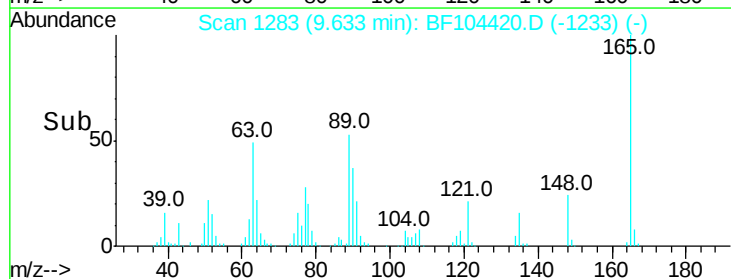
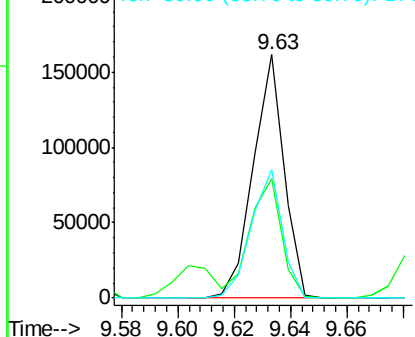


#50
2,6-Dinitrotoluene
Concen: 44.480 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:165 Resp: 122530
Ion Ratio Lower Upper
165 100
63 49.2 44.7 67.1
89 52.7 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: 36.993 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

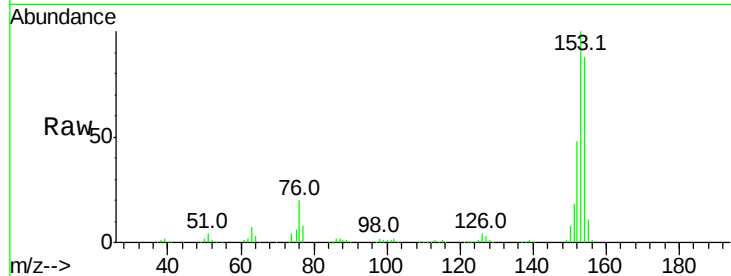
Tot Ion:154 Resp: 443604

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

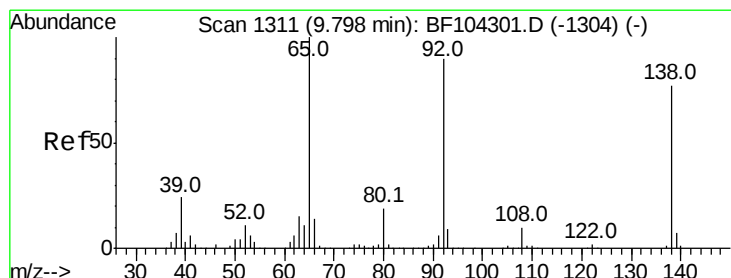
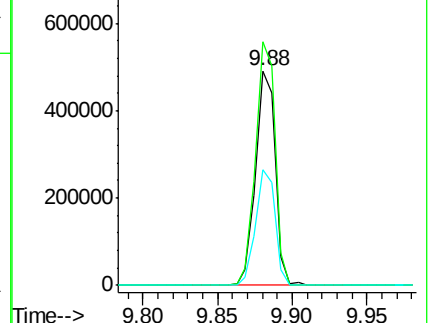
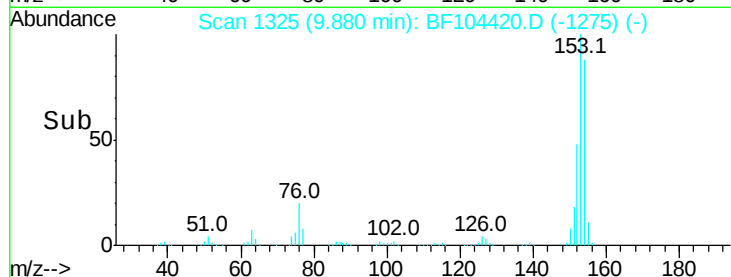
152 54.0 43.8 65.8



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: 44.642 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

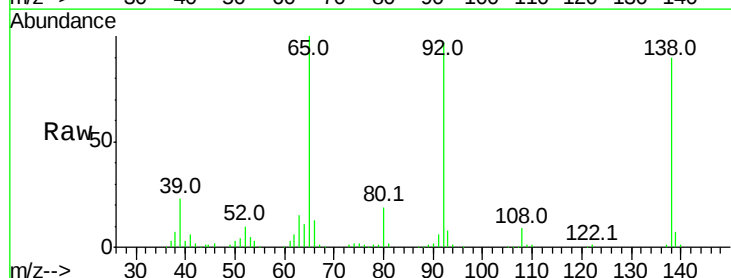
Tgt Ion:138 Resp: 143968

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

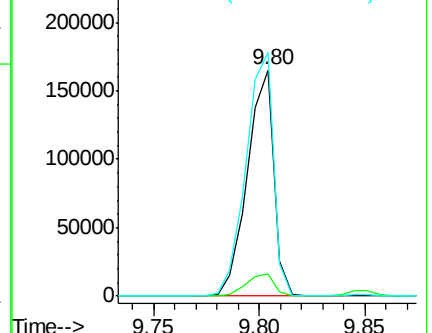
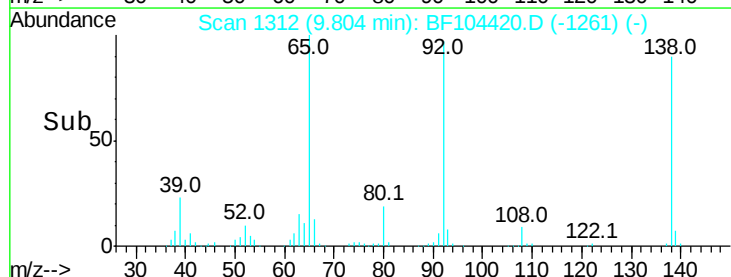
92 107.9 89.4 134.2

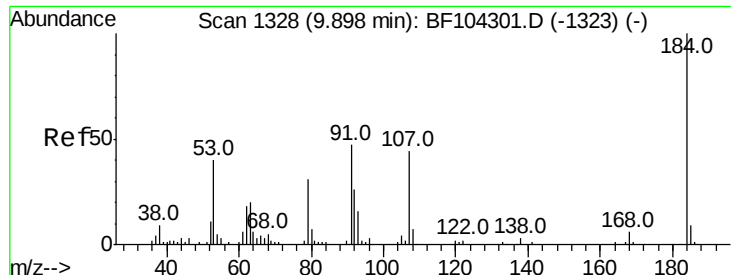


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

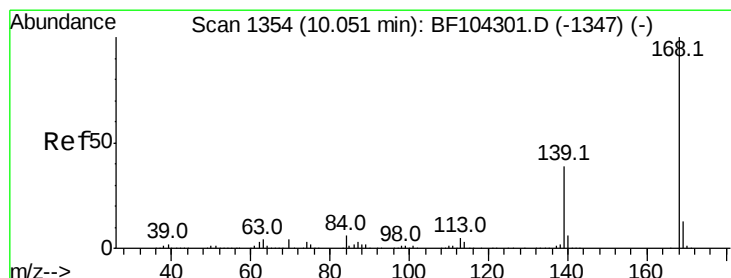
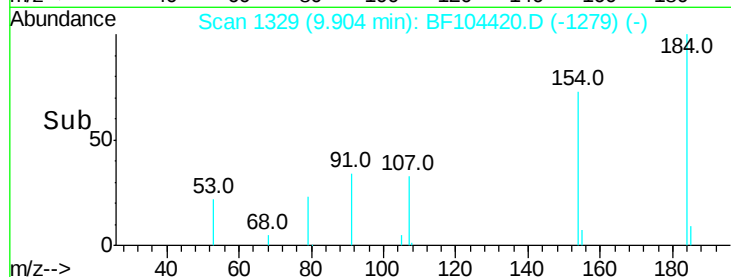
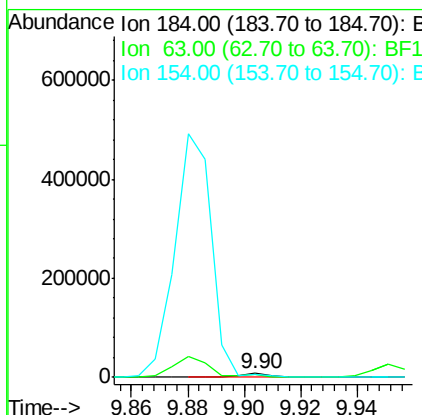
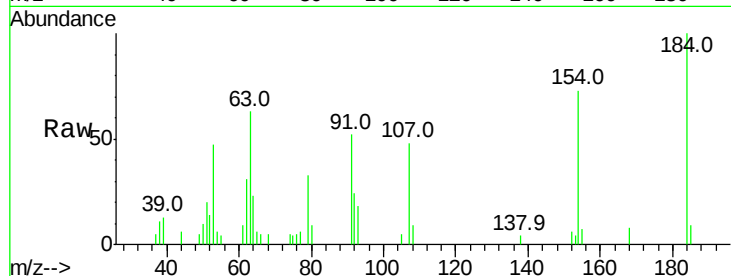




#53
 2,4-Dinitrophenol
 Concen: 12.604 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

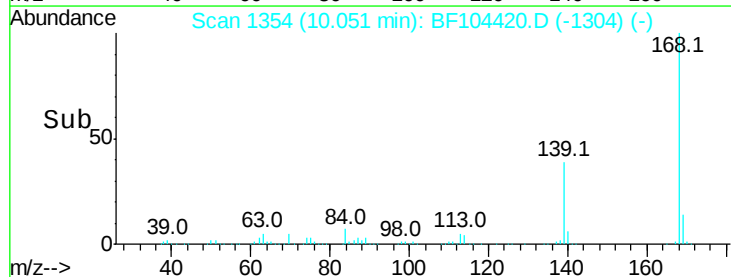
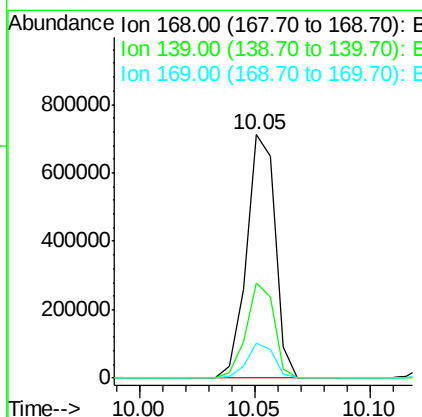
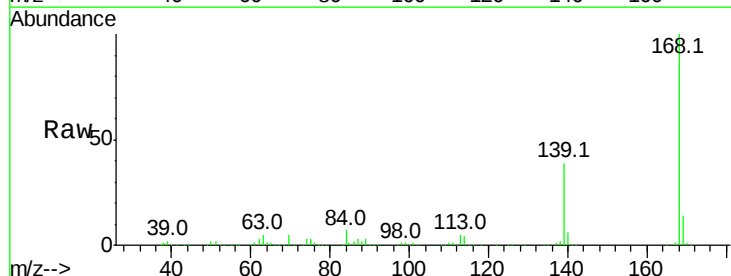
Instrument :
 BNA_F
 ClientSampleId :

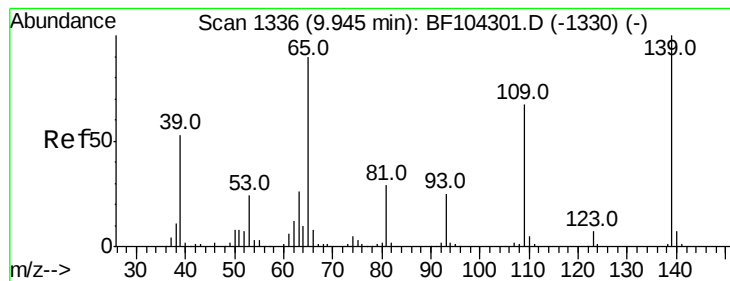
Tot Ion:184 Resp: 5928
 Ion Ratio Lower Upper
 184 100
 63 62.7 54.2 81.2
 154 72.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.968 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:168 Resp: 617800
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 14.3 10.9 16.3





#55

4-Nitrophenol

Concen: 36.737 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

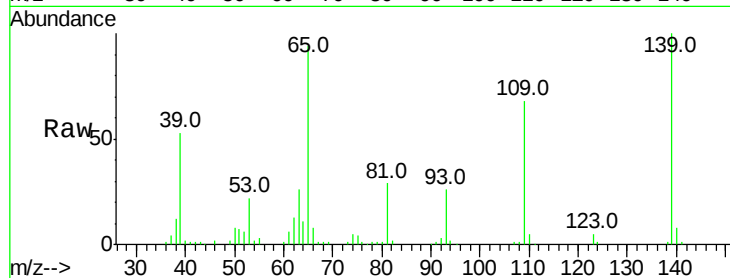
Tot Ion:139 Resp: 93066

Ion Ratio Lower Upper

139 100

109 68.5 48.4 88.4

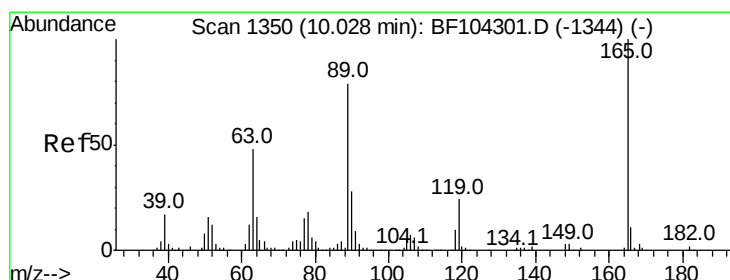
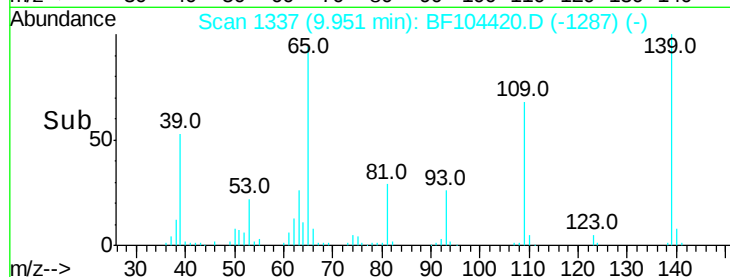
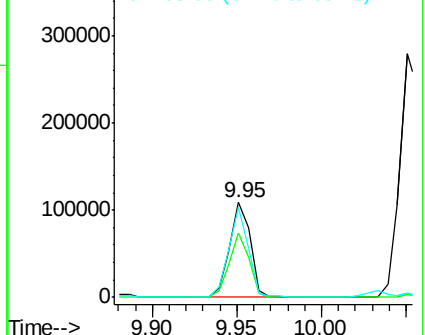
65 94.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 39.215 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Tgt Ion:165 Resp: 141700

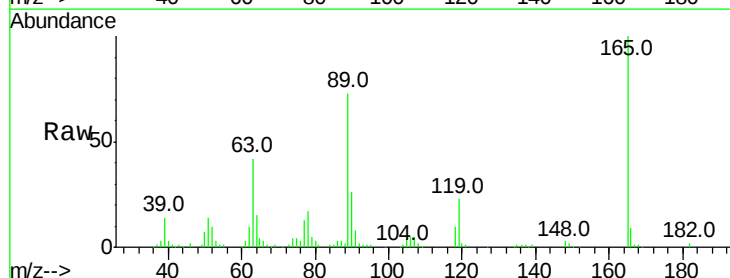
Ion Ratio Lower Upper

165 100

63 41.6 36.4 54.6

89 73.0 57.8 86.6

182 2.2 1.6 2.4

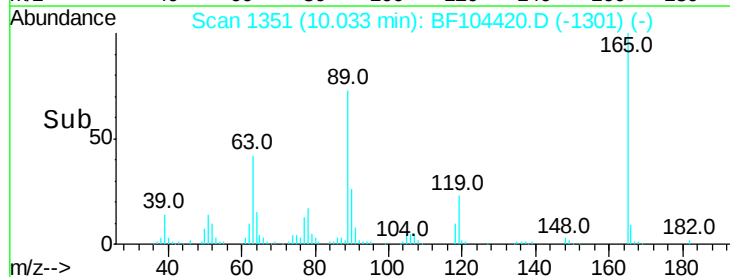
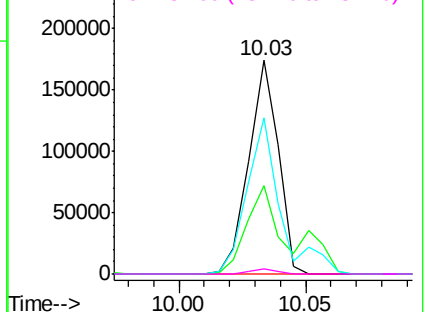


Abundance Ion 165.00 (164.70 to 165.70): E

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

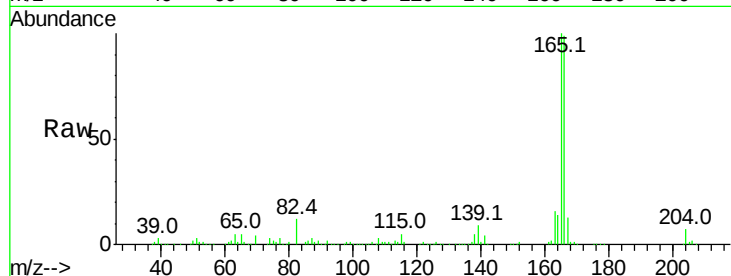




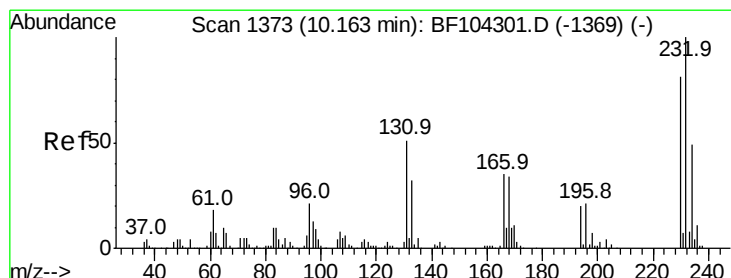
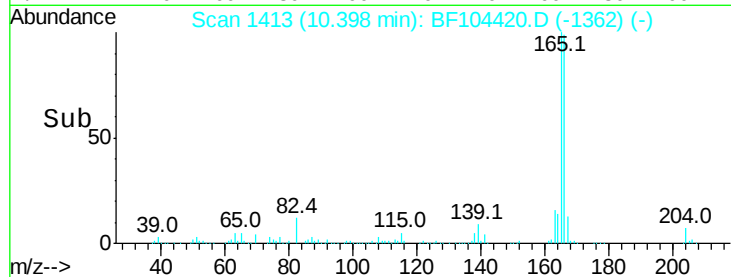
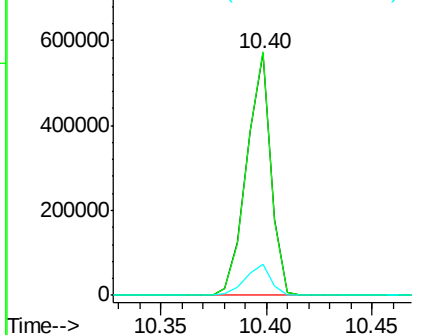
#57
Fluorene
 Concen: 37.234 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	12.8	10.6	16.0



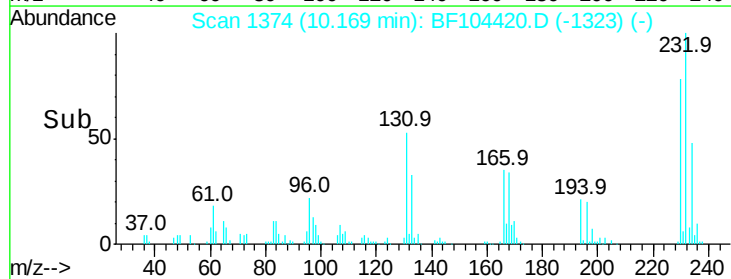
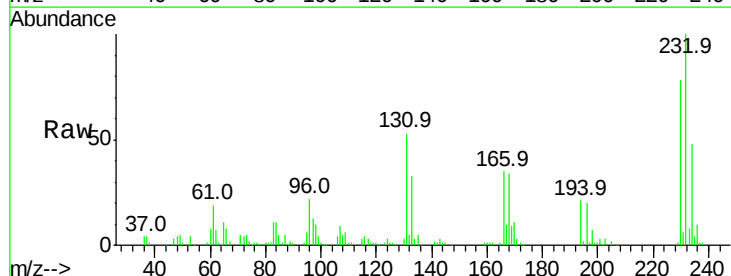
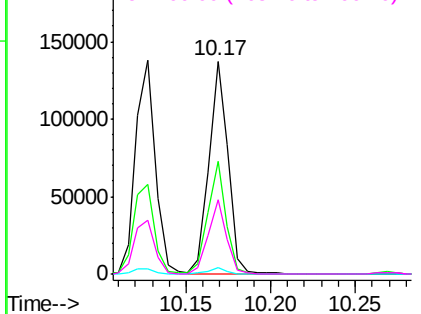
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

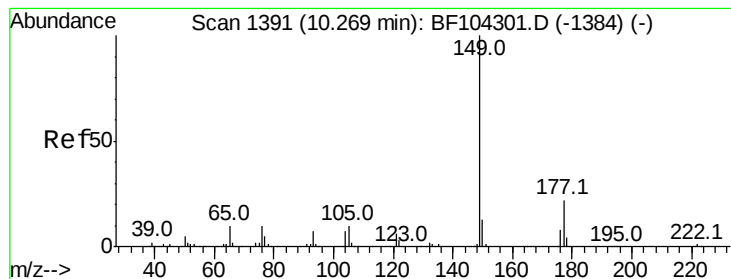


#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.976 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	43.8	65.8
130	2.4	2.1	3.1
166	33.2	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: 38.501 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

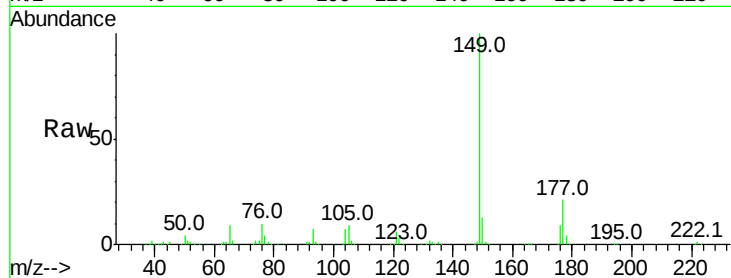
Tot Ion:149 Resp: 570843

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

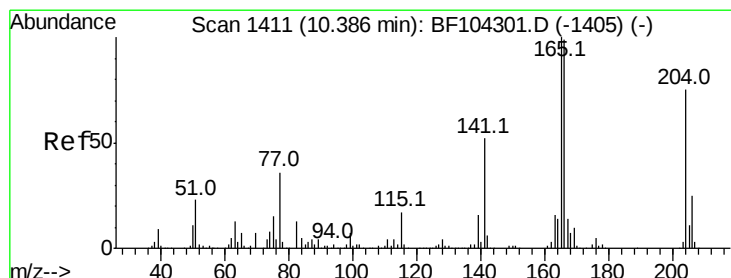
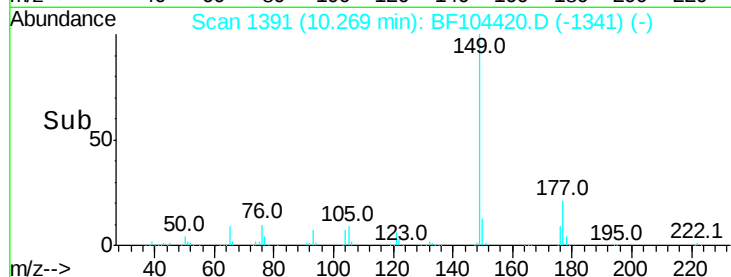
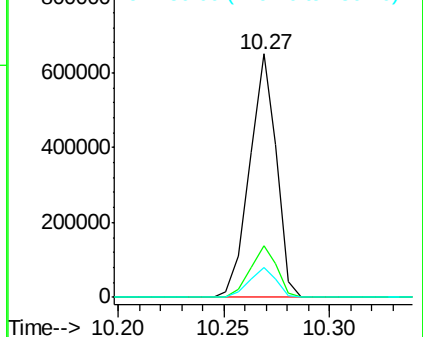
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.281 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

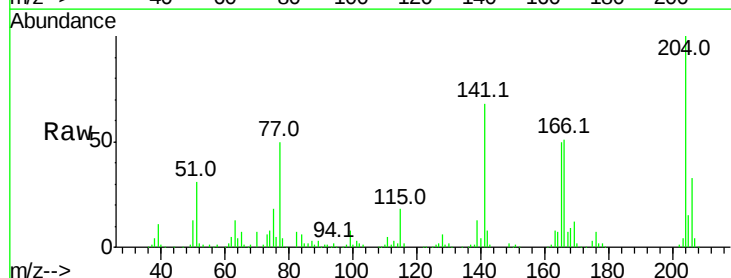
Tgt Ion:204 Resp: 218210

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

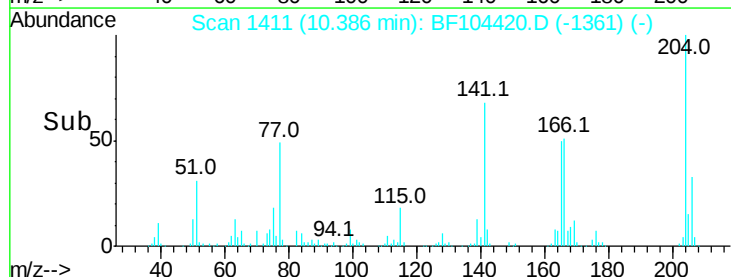
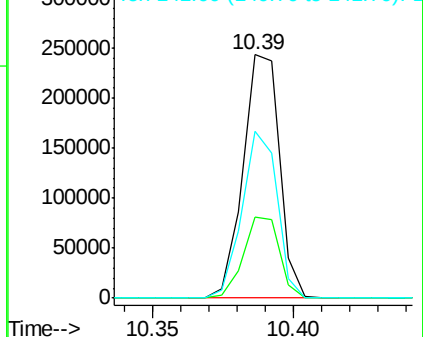
141 68.4 54.6 81.8

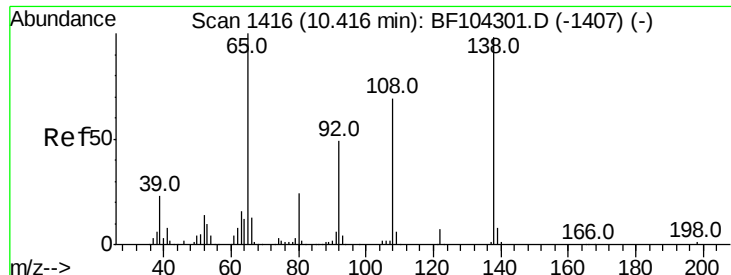


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

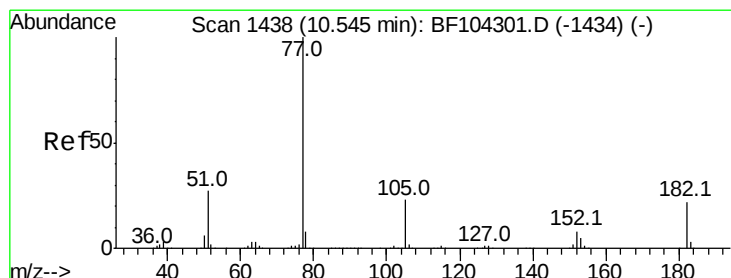
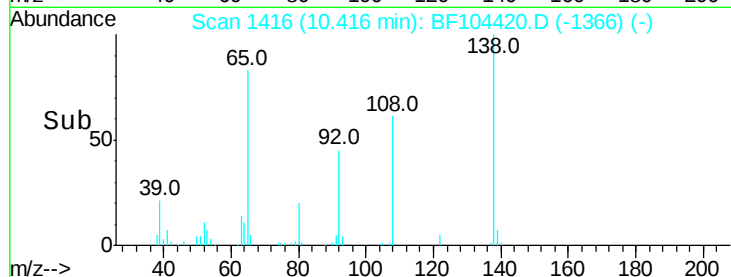
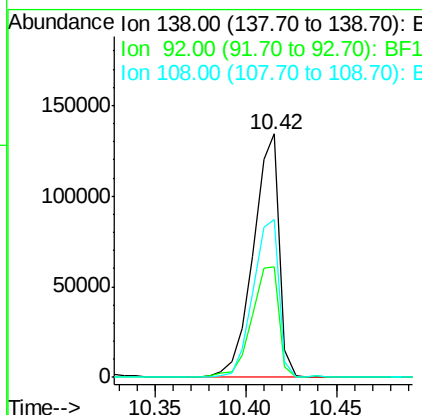
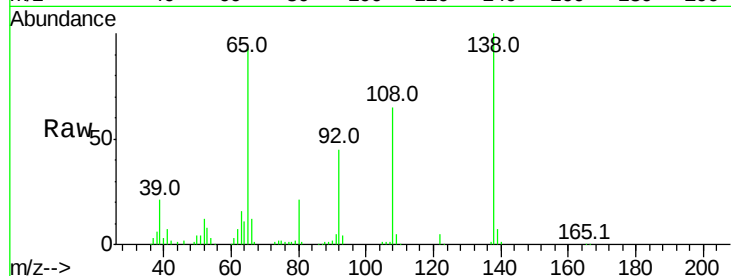




#61
4-Nitroaniline
Concen: 42.204 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

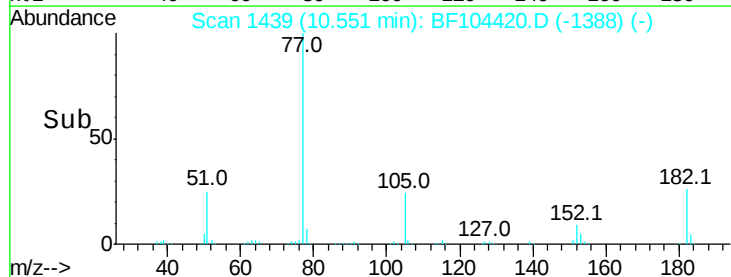
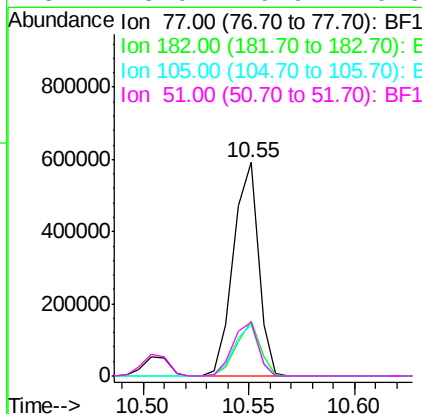
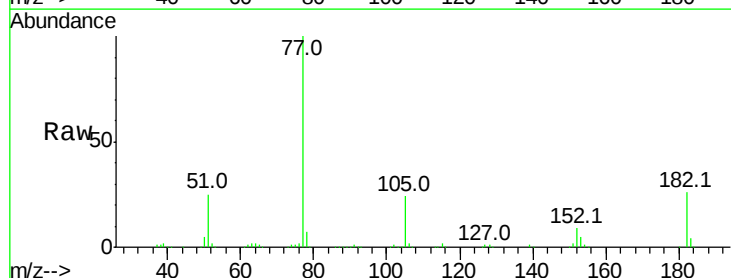
Instrument :
BNA_F
ClientSampleId :

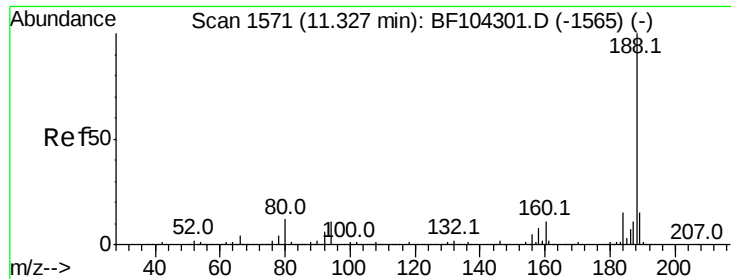
Tot Ion:138 Resp: 133080
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 34.176 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion: 77 Resp: 484107
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 24.3 3.0 43.0
51 25.0 9.9 49.9

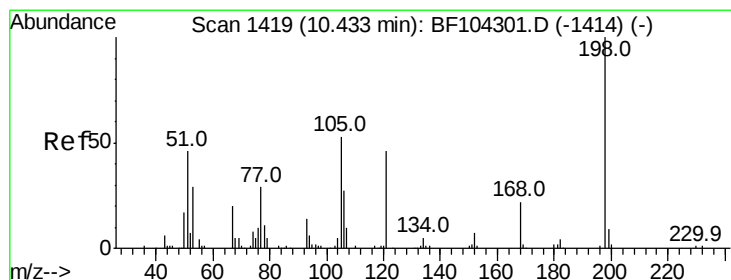
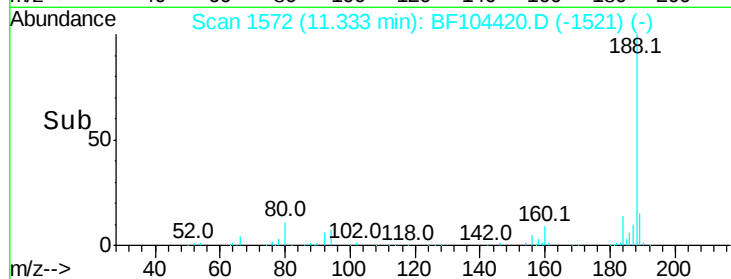
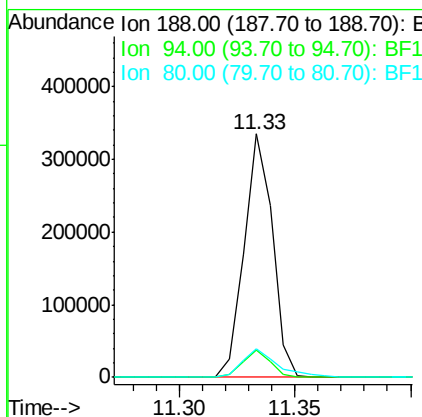
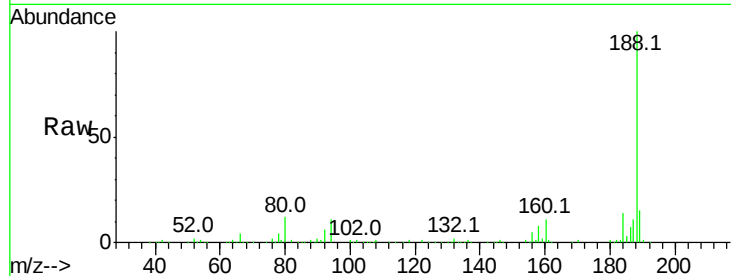




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

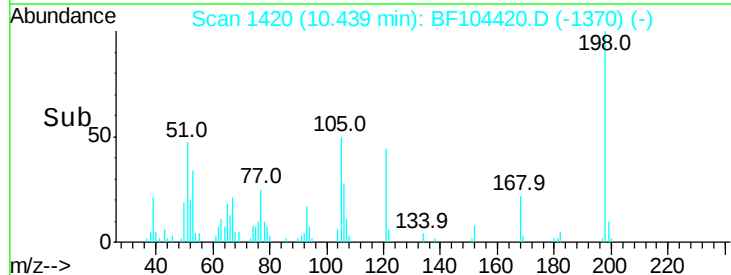
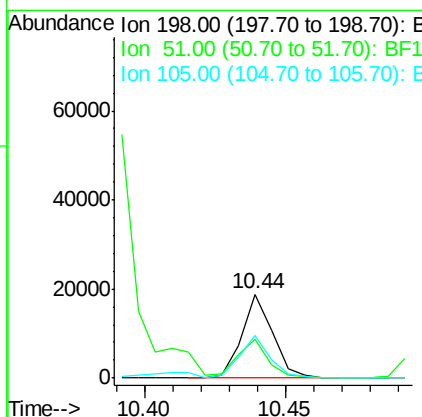
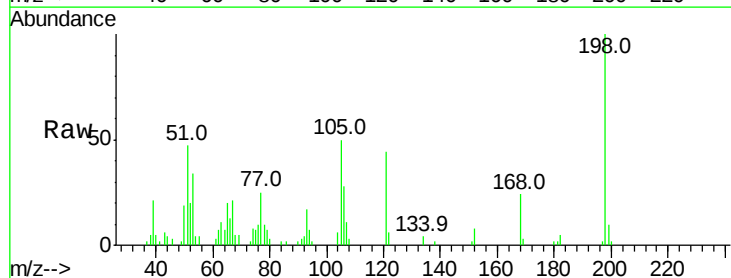
Instrument :
 BNA_F
 ClientSampleId :

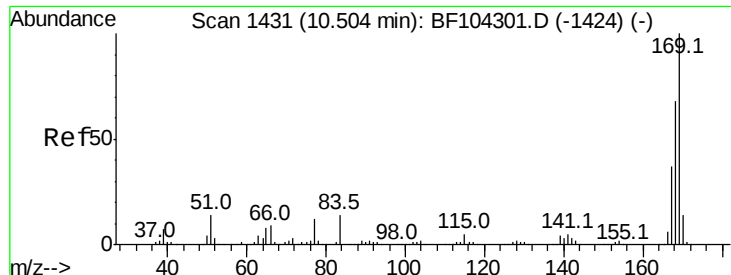
Tot Ion:188 Resp: 288362
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.902 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:198 Resp: 14185
 Ion Ratio Lower Upper
 198 100
 51 46.9 37.7 77.7
 105 50.3 36.3 76.3

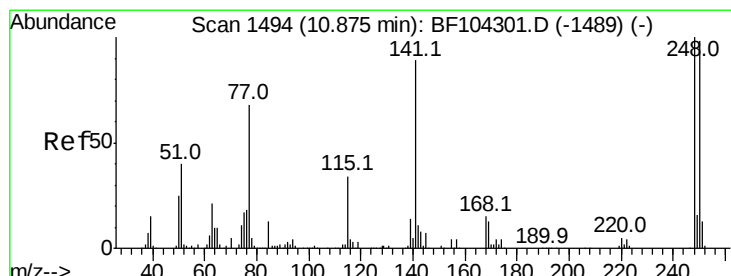
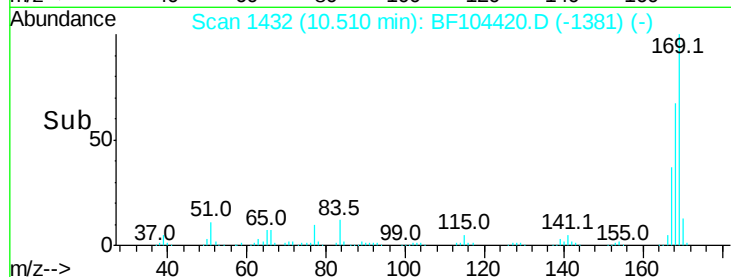
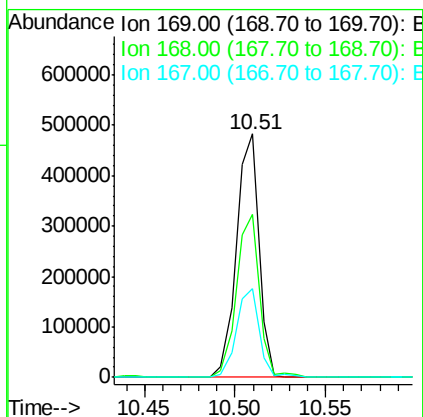
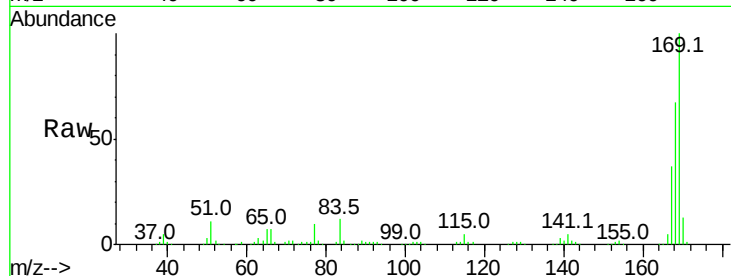




#65
 n-Nitrosodiphenylamine
 Concen: 41.727 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

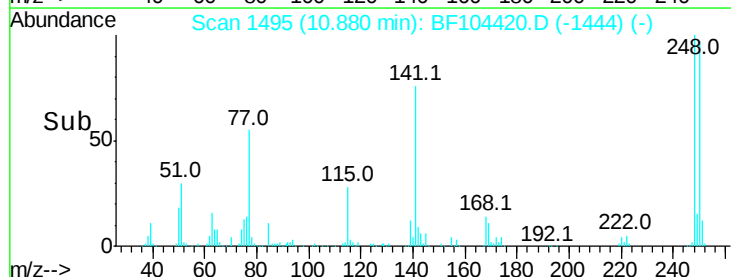
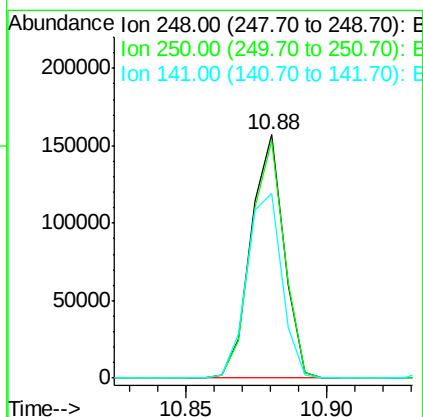
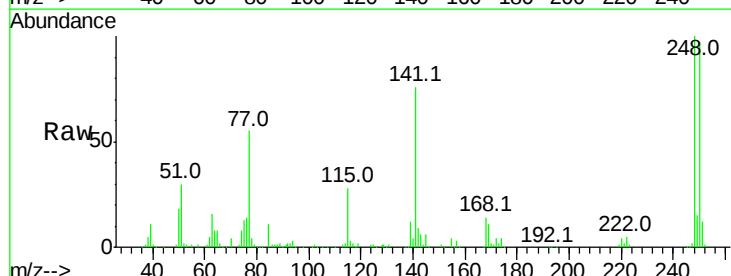
Instrument :
 BNA_F
 ClientSampleId :

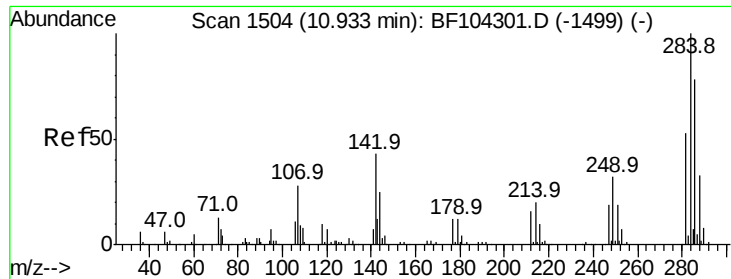
Tot Ion:169 Resp: 417193
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.519 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:248 Resp: 127348
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 75.7 74.4 111.6

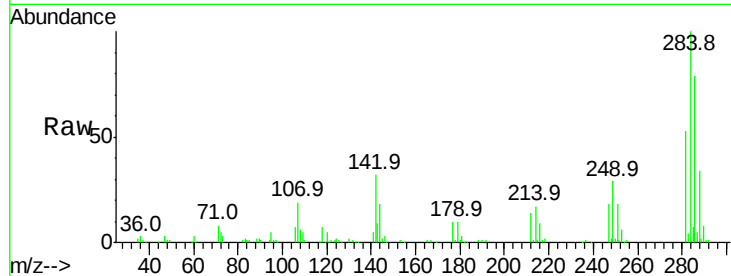




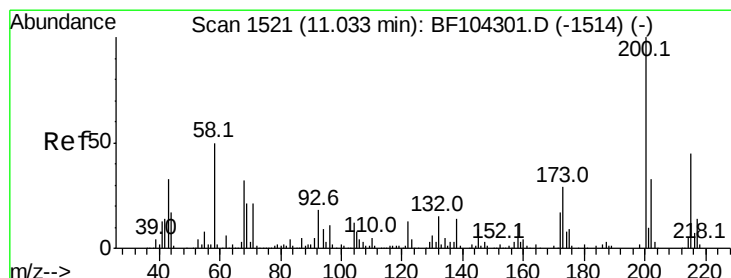
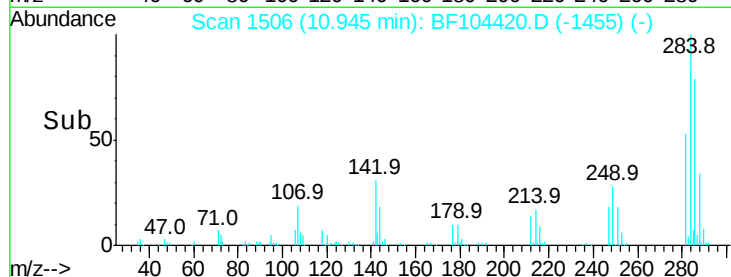
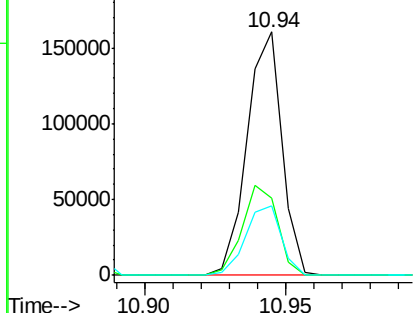
#67
Hexachlorobenzene
Concen: 39.873 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 137615
Ion Ratio Lower Upper
284 100
142 31.5 34.6 52.0#
249 28.5 24.8 37.2

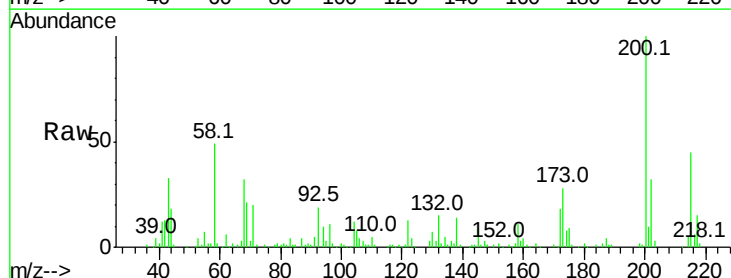


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

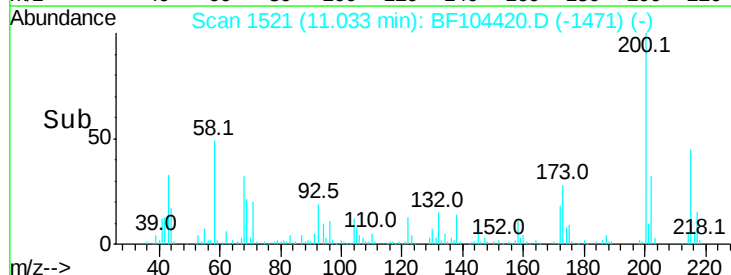
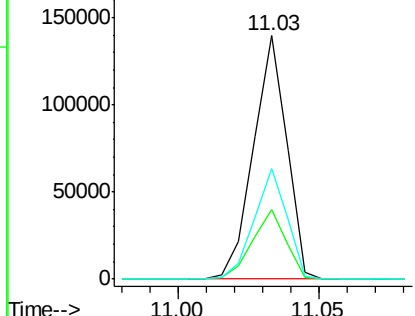


#68
Atrazine
Concen: 37.751 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:200 Resp: 113930
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 45.3 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

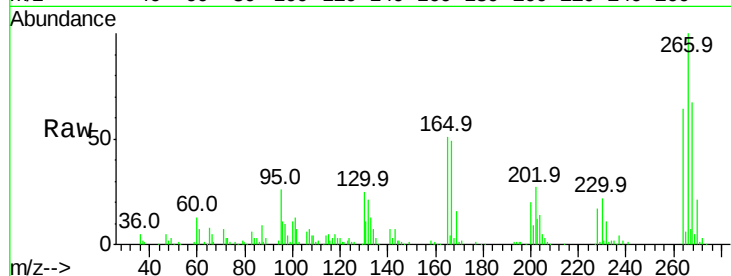




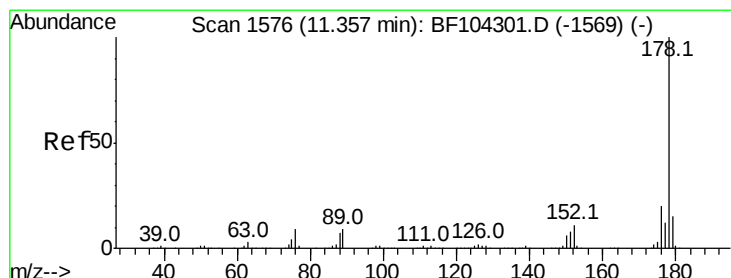
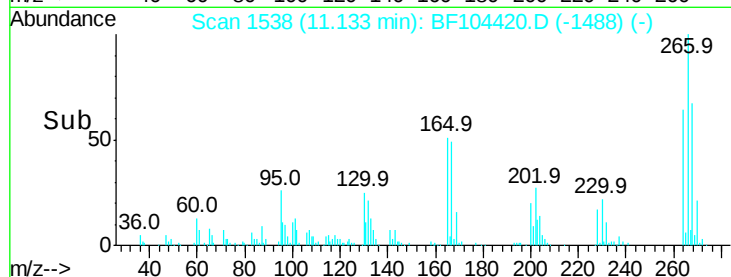
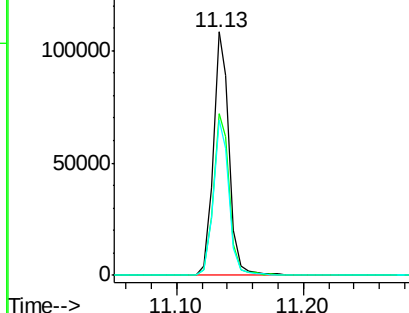
#69
 Pentachlorophenol
 Concen: 44.968 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96014
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 64.0 49.5 74.3

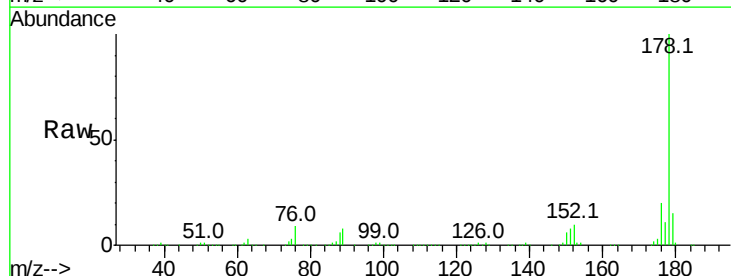


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

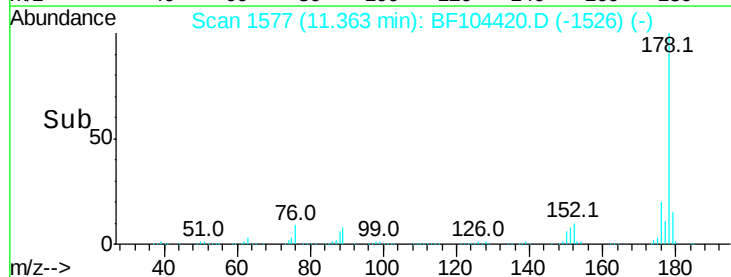
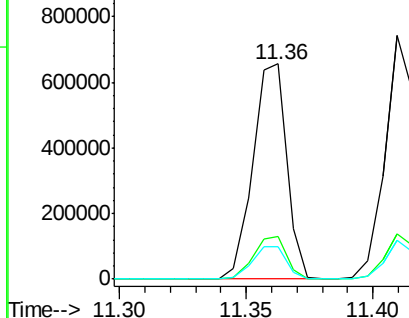


#70
 Phenanthrene
 Concen: 38.265 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:178 Resp: 614492
 Ion Ratio Lower Upper
 178 100
 176 19.9 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

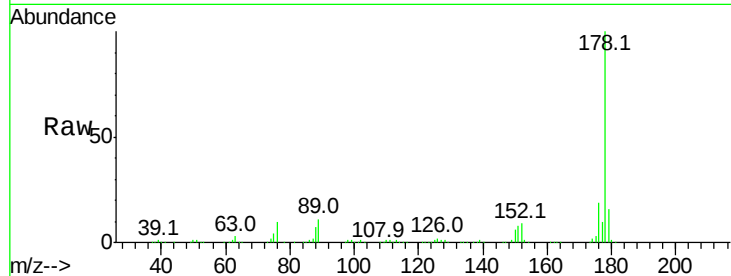




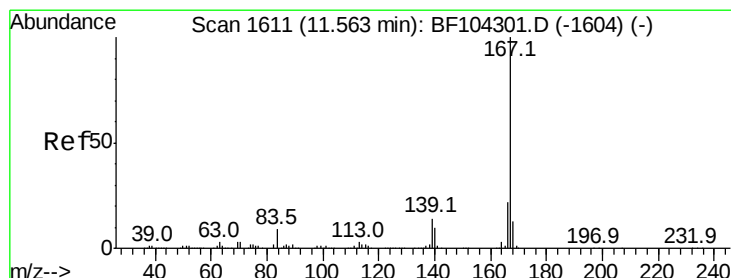
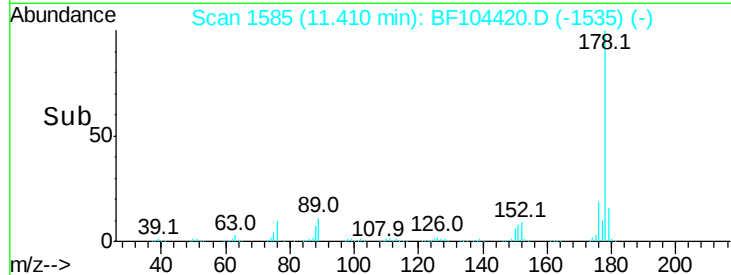
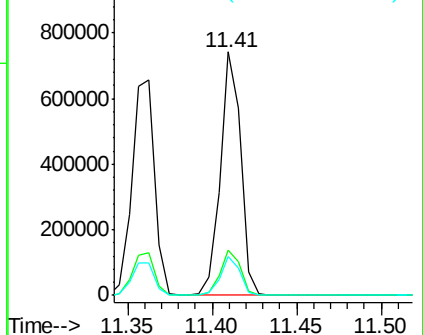
#71
 Anthracene
 Concen: 38.106 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 622044
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.9 12.6 19.0

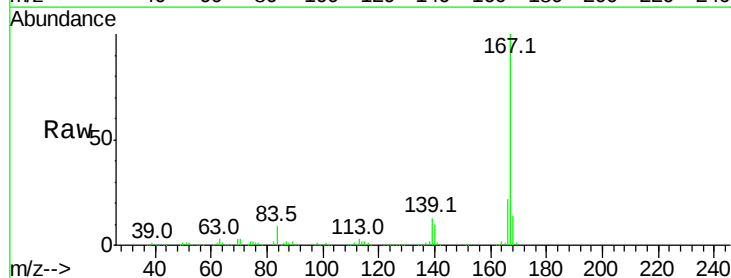


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

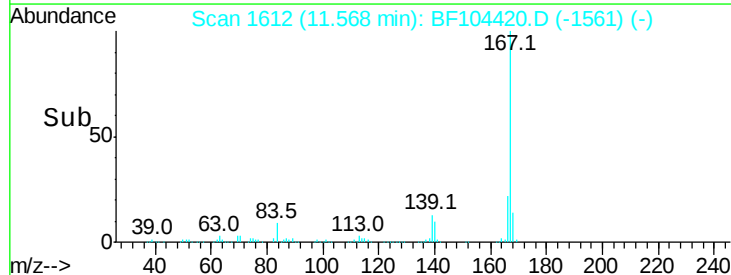
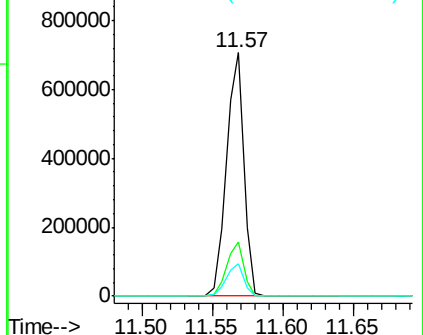


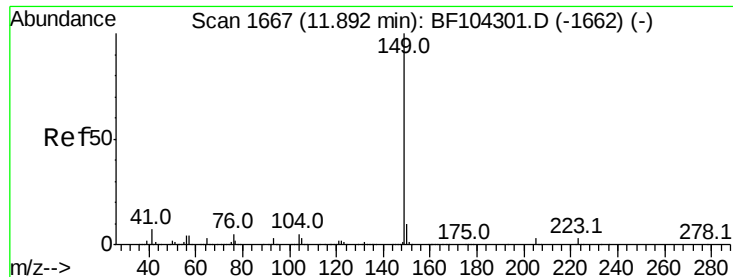
#72
 Carbazole
 Concen: 37.798 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion:167 Resp: 602923
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

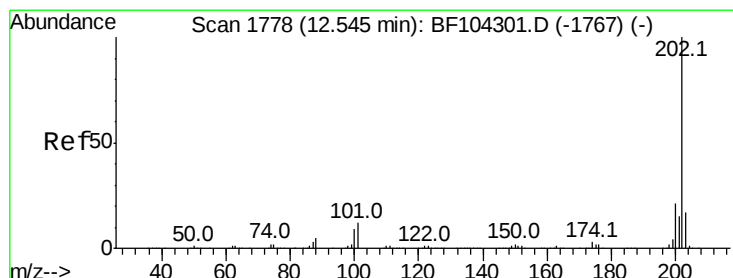
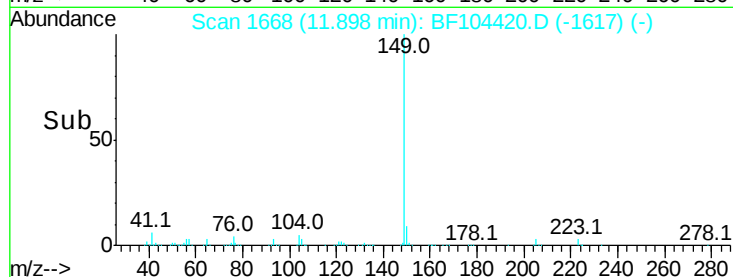
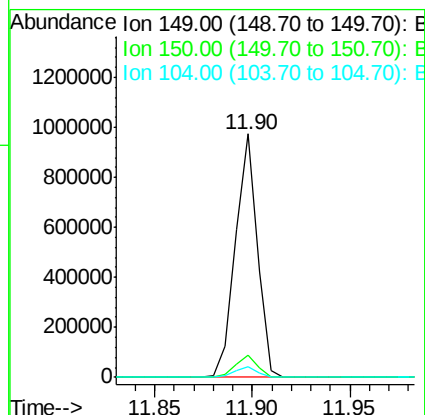
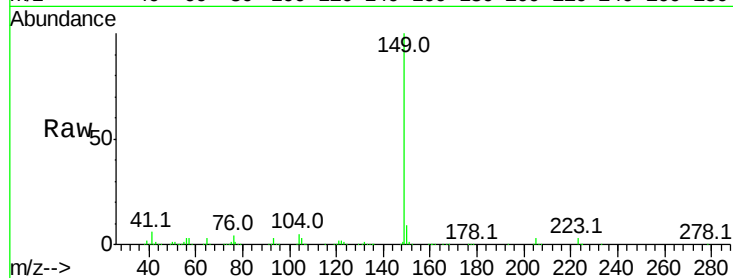




#73
Di-n-butylphthalate
Concen: 38.872 ng
RT: 11.90 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

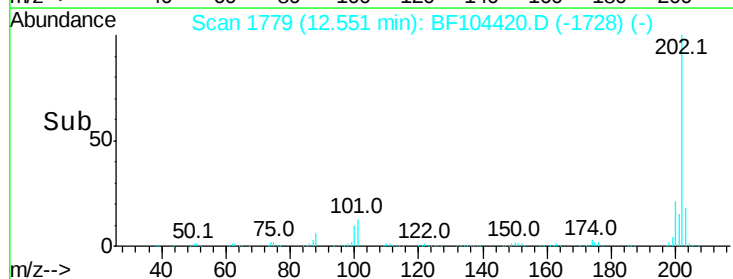
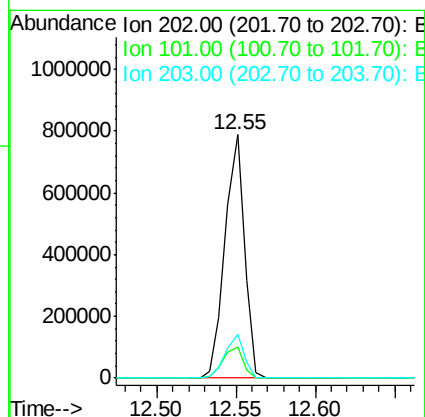
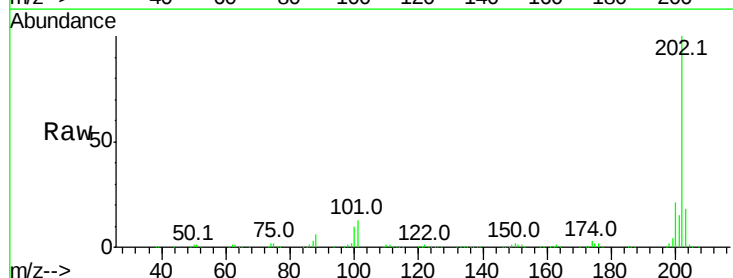
Instrument :
BNA_F
ClientSampleId :

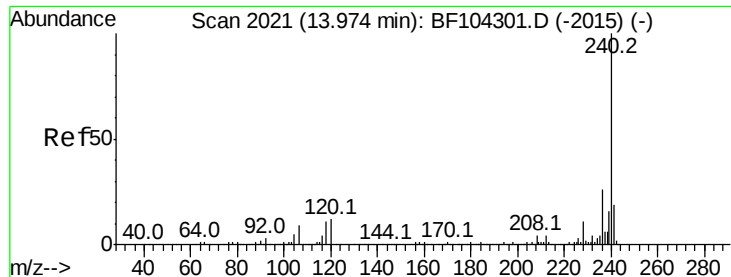
Tot Ion:149 Resp: 757425
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 40.095 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:202 Resp: 672730
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

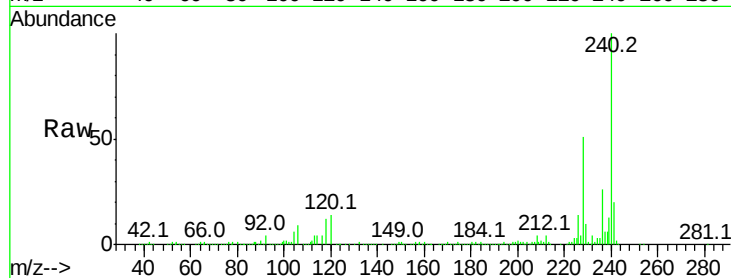
Tot Ion:240 Resp: 284161

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

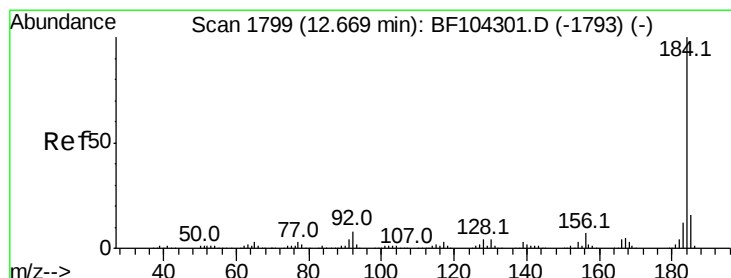
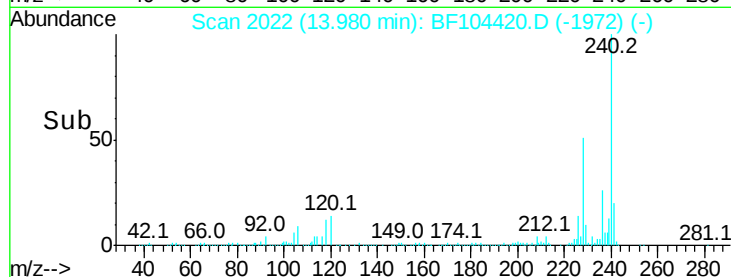
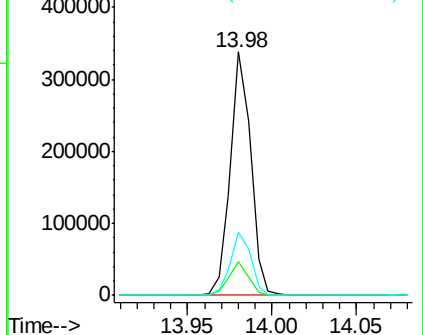
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.505 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

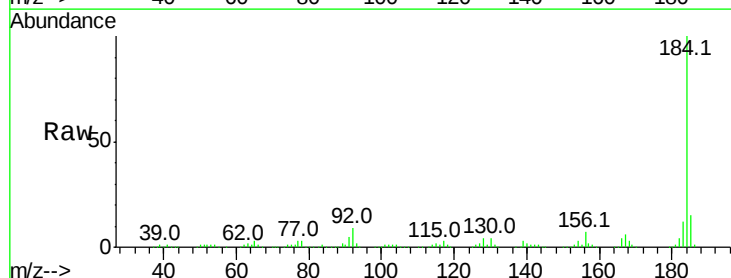
Tgt Ion:184 Resp: 402319

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

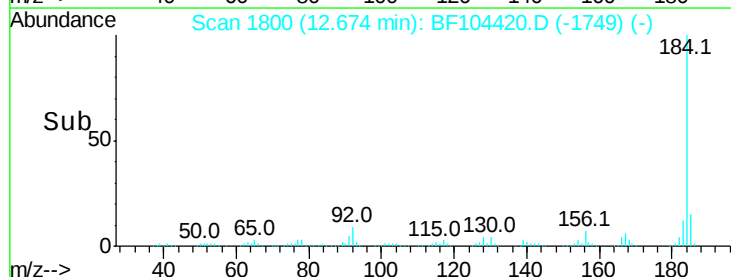
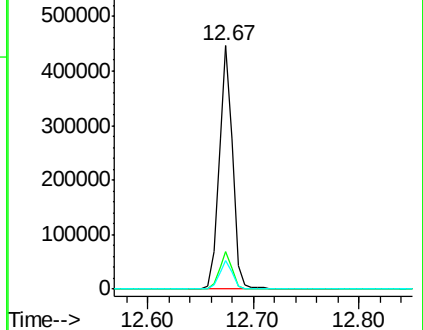
183 11.6 9.3 13.9

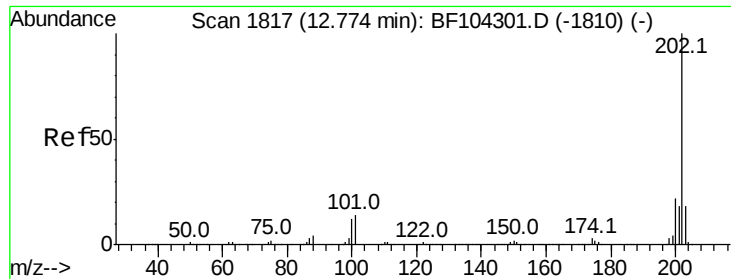


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

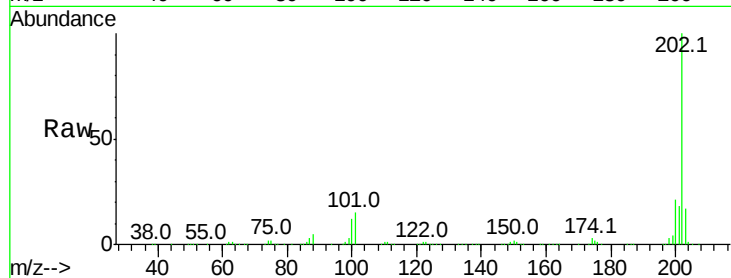




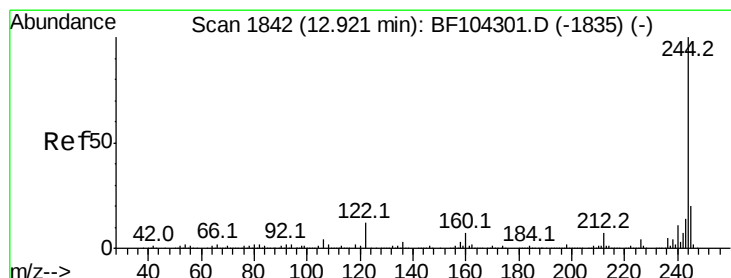
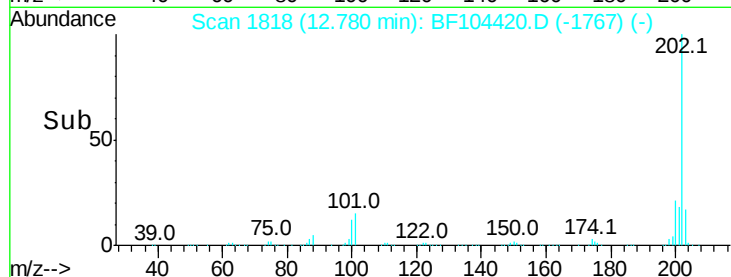
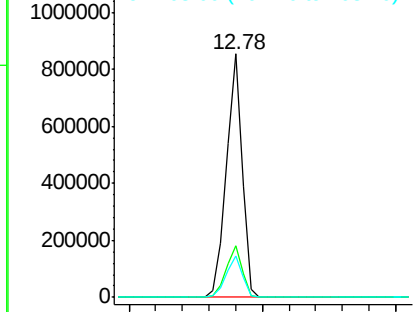
#77
Pvrene
Concen: 34.145 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 719186
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.1 14.3 21.5

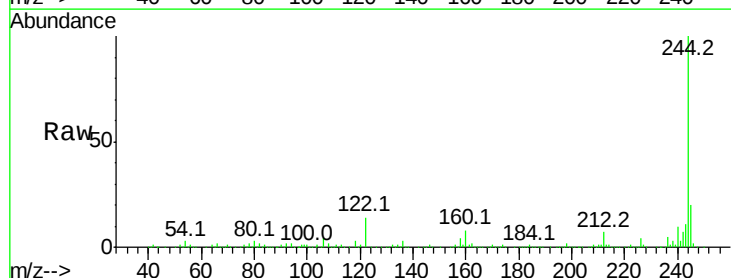


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

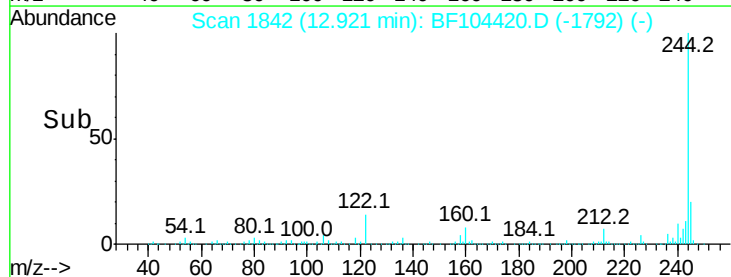
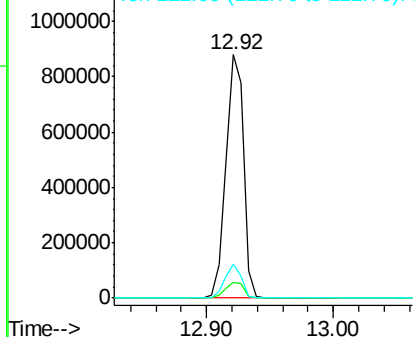


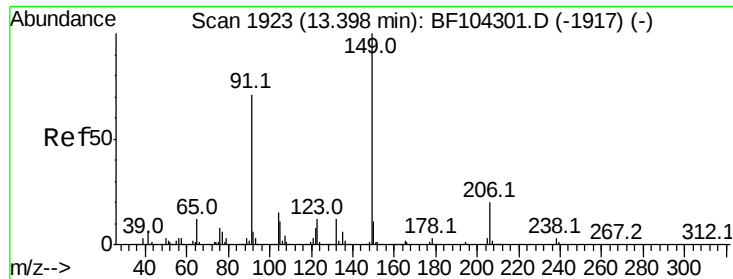
#78
Terphenyl-d14
Concen: 67.214 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:244 Resp: 837764
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.7 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

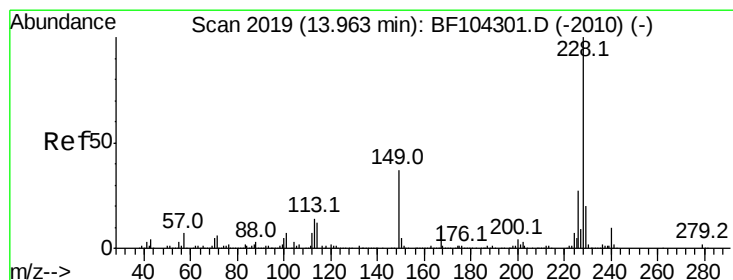
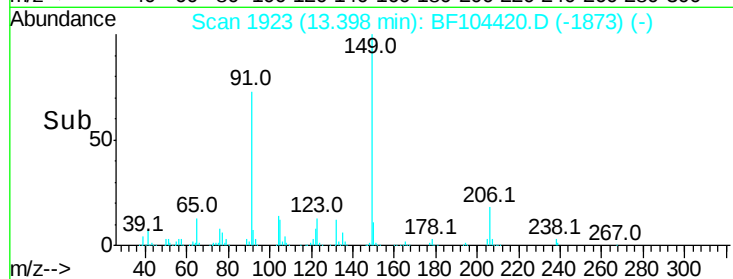
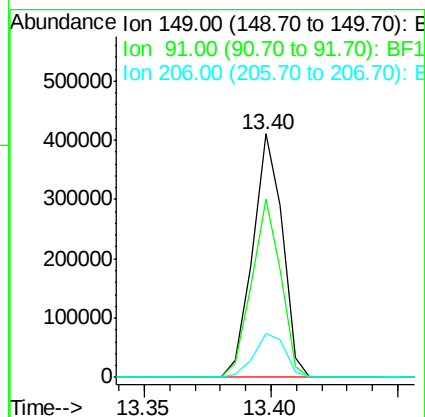
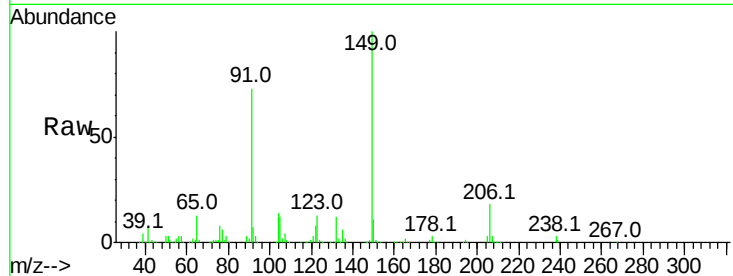




#79
Butylbenzylphthalate
Concen: 33.896 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

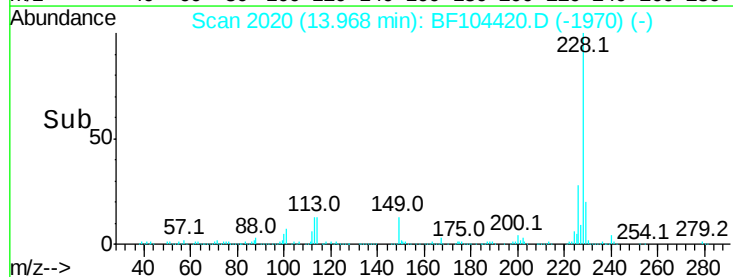
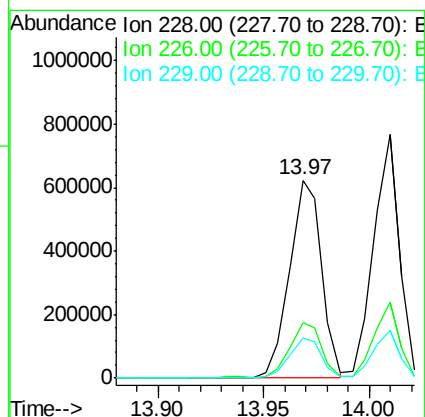
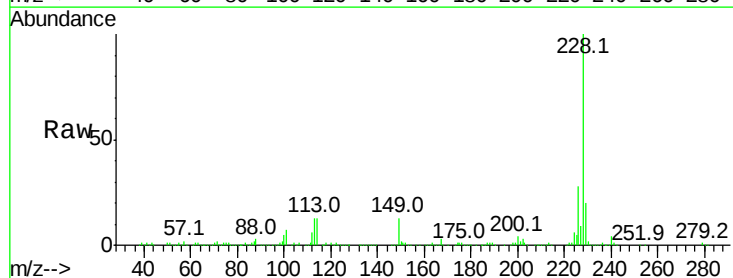
Instrument :
BNA_F
ClientSampleId :

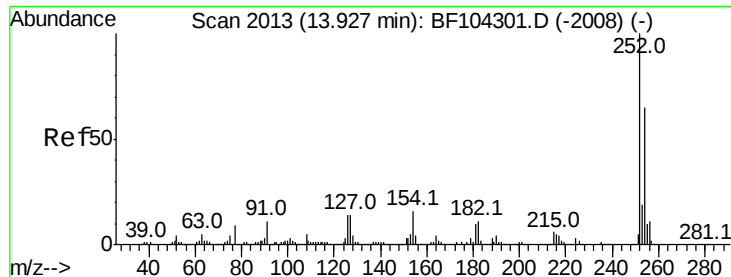
Tot Ion:149 Resp: 336348
Ion Ratio Lower Upper
149 100
91 73.1 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.618 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:228 Resp: 655584
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 42.134 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

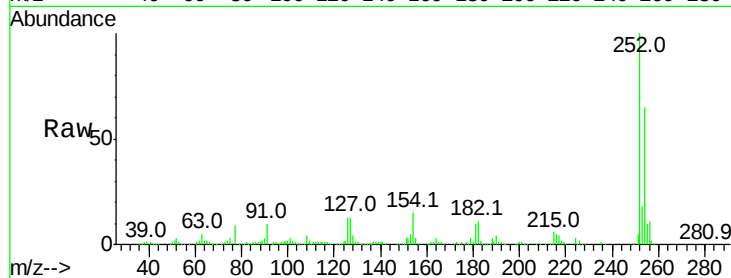
Tot Ion:252 Resp: 266693

Ion Ratio Lower Upper

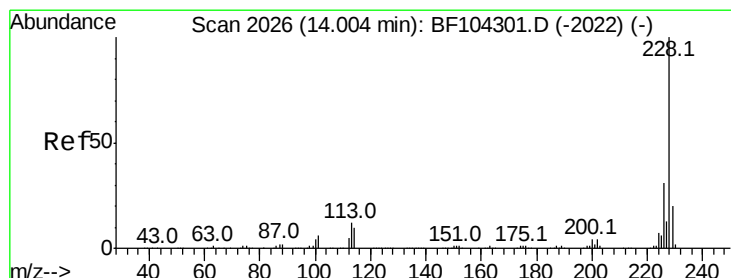
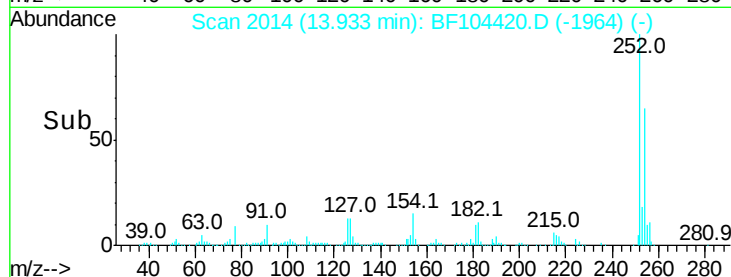
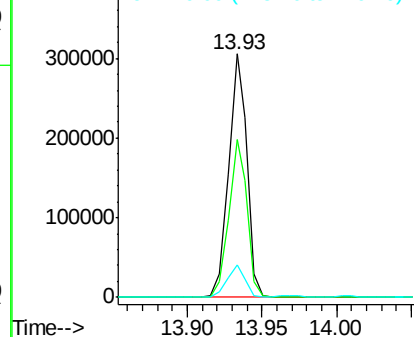
252 100

254 64.6 50.4 75.6

126 13.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.716 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

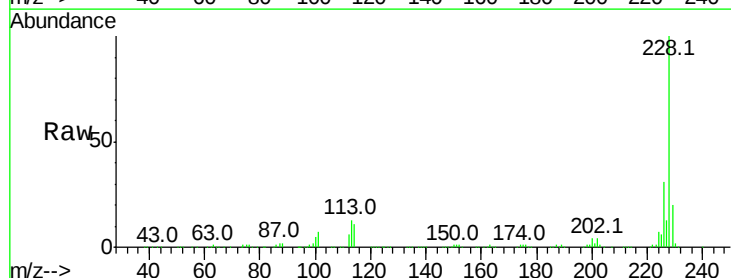
Tgt Ion:228 Resp: 657652

Ion Ratio Lower Upper

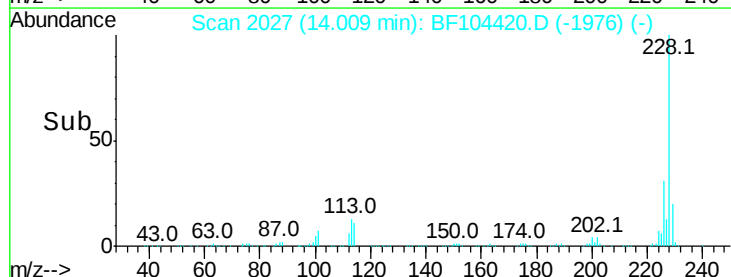
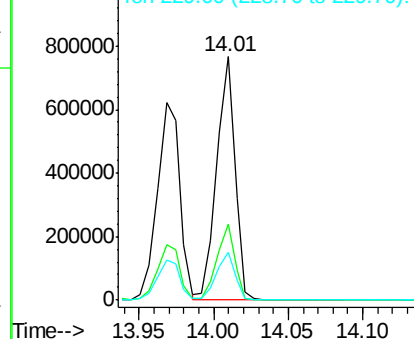
228 100

226 31.3 25.0 37.6

229 19.9 16.2 24.4



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

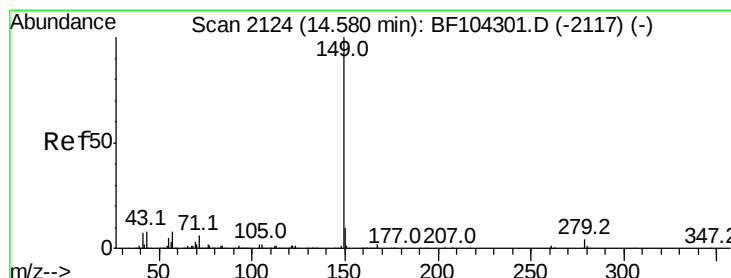
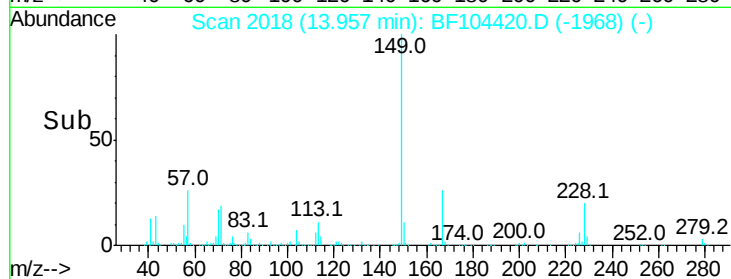
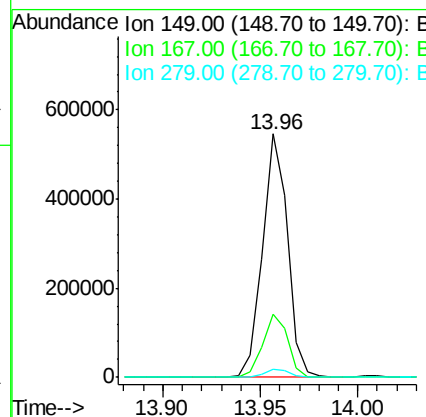
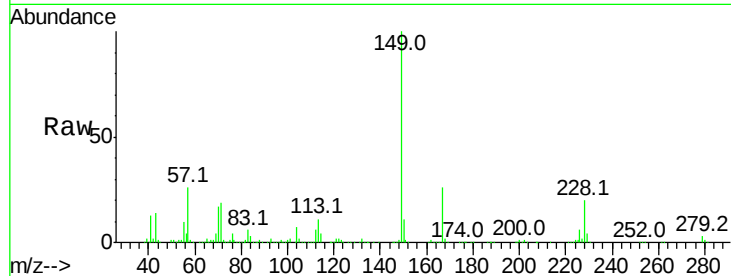




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.877 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

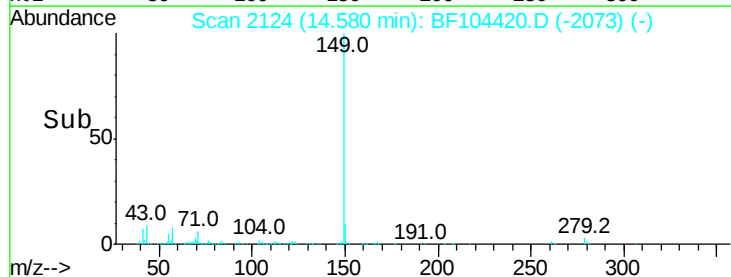
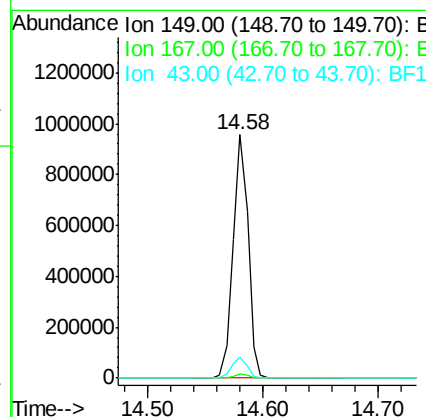
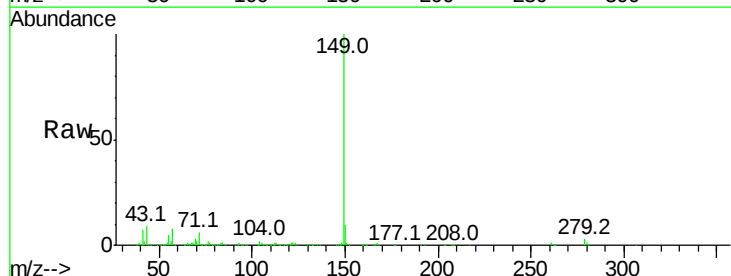
Instrument :
 BNA_F
 ClientSampleId :

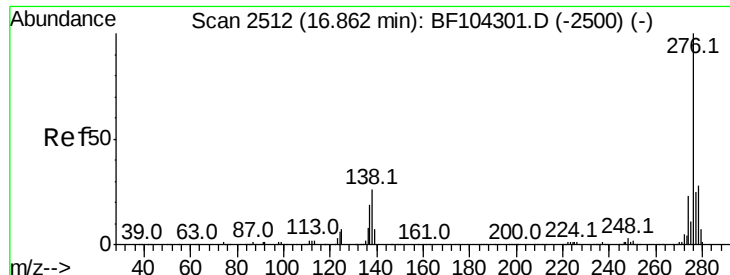
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 40.363 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.4	12.6

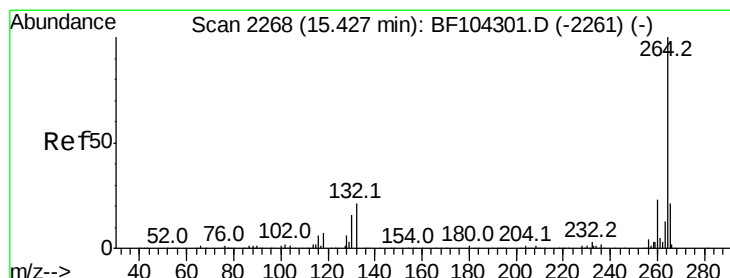
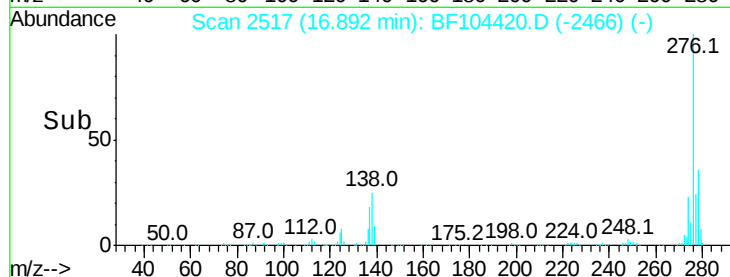
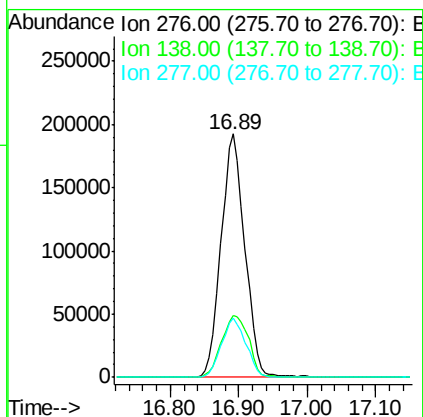
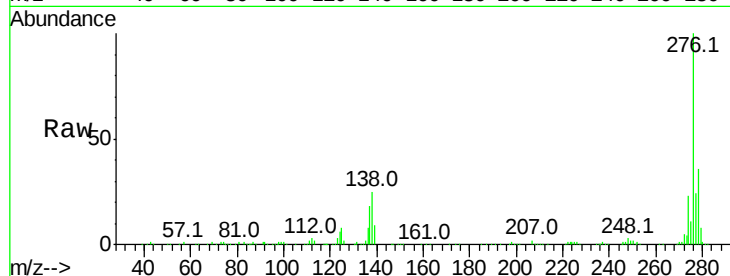




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.197 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

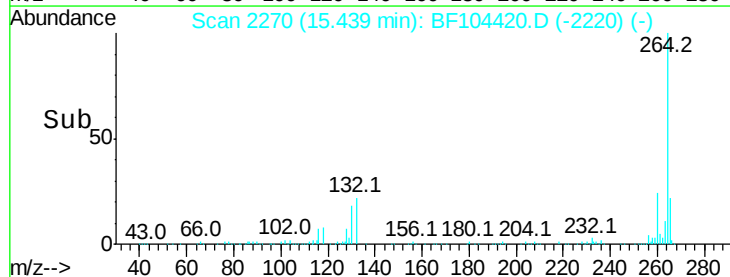
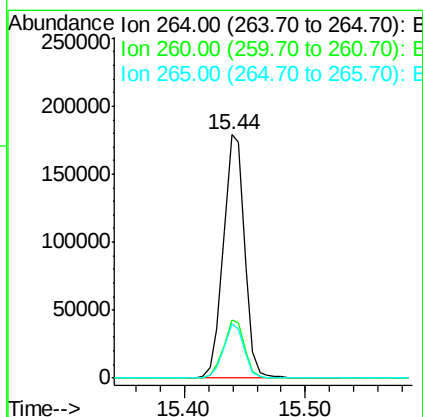
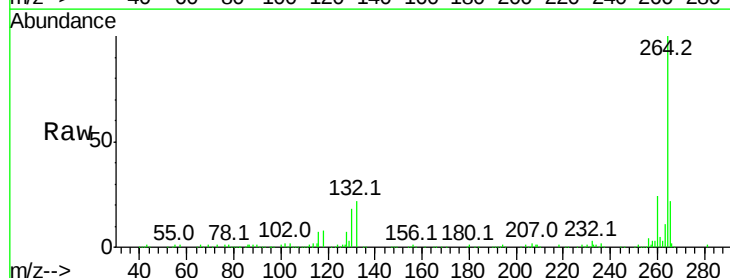
Instrument :
 BNA_F
 ClientSampleId :

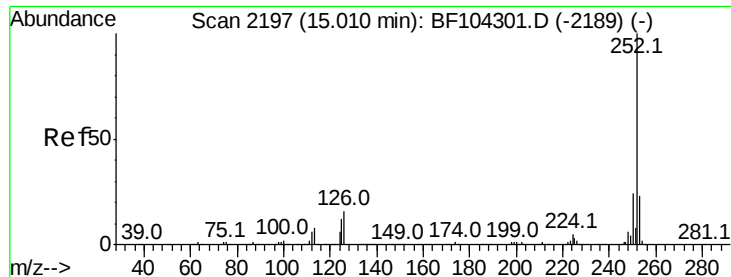
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104420.D
 Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

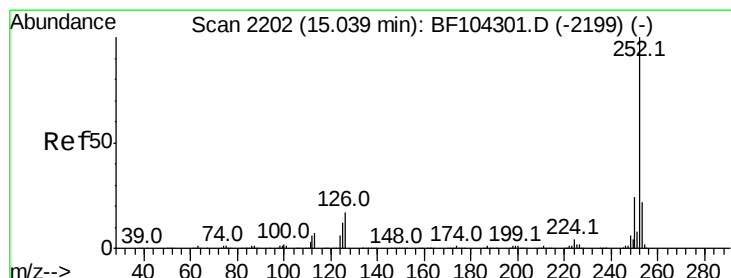
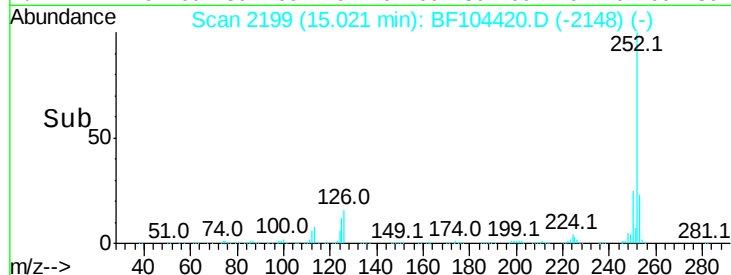
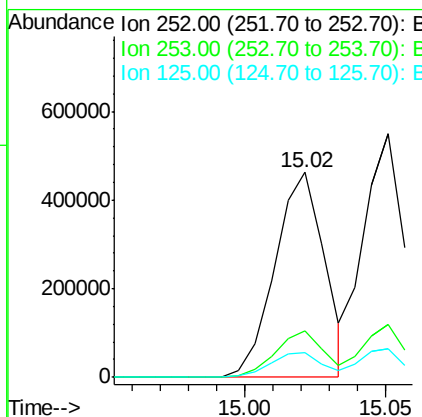
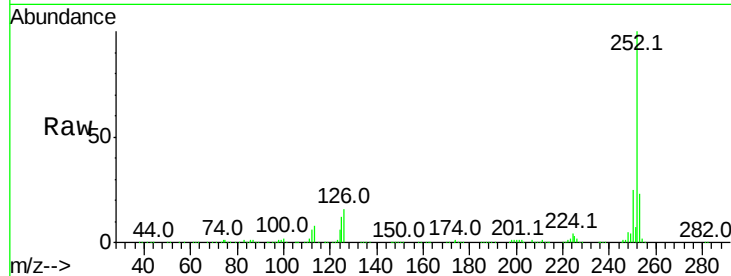




#87
Benzo(b)fluoranthene
Concen: 41.013 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

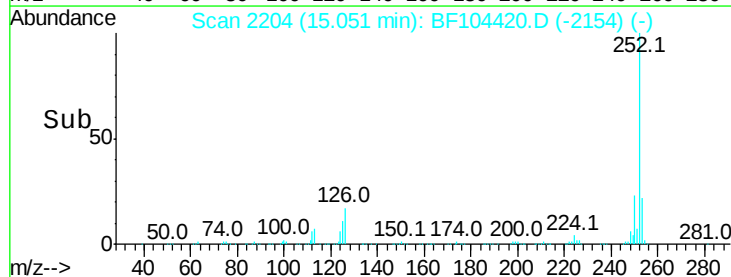
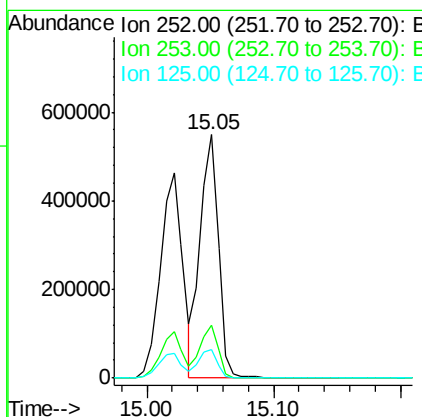
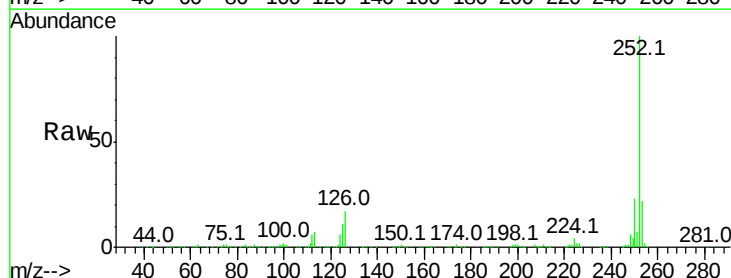
Instrument :
BNA_F
ClientSampleId :

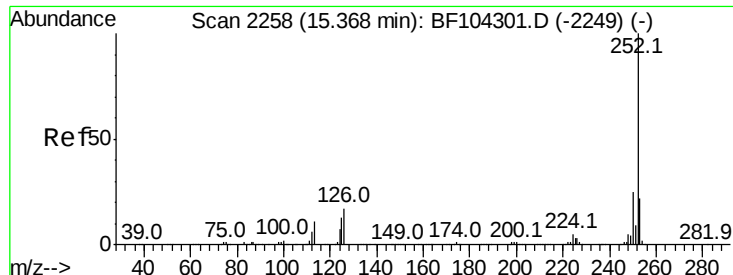
Tot Ion:252 Resp: 563149
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.472 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion:252 Resp: 550576
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.5 10.2 15.2

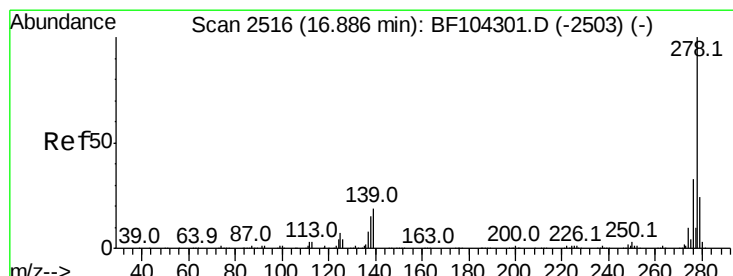
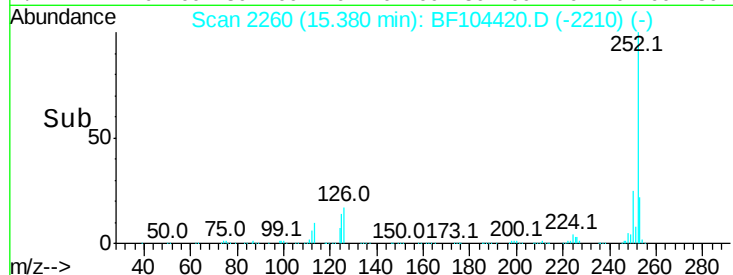
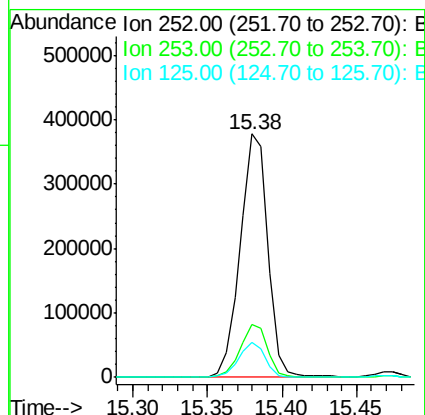
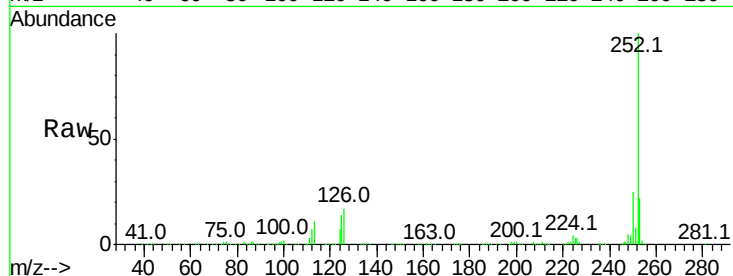




#89
Benzo(a)pyrene
Concen: 39.521 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

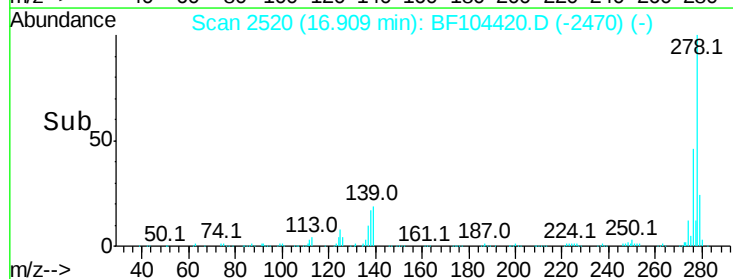
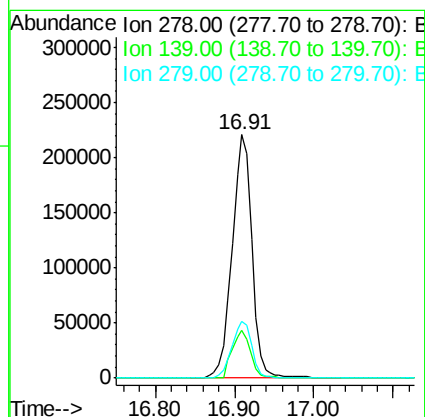
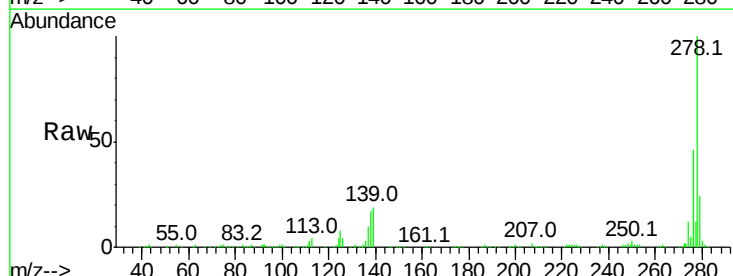
Instrument :
BNA_F
ClientSampleId :

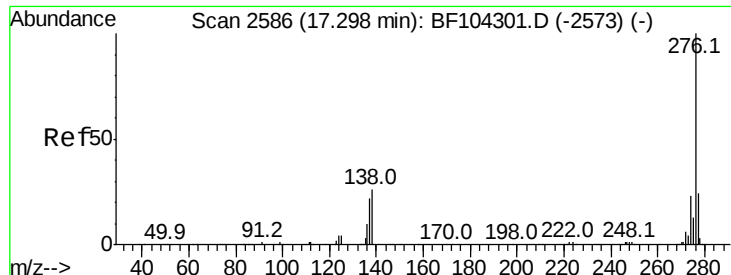
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.969 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104420.D
Acq: 10 Apr 2018 21:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.166 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BF104420.D

Acq: 10 Apr 2018 21:13

Instrument :

BNA_F

ClientSampleId :

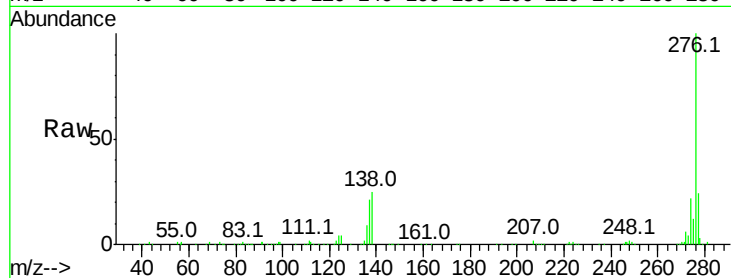
Tot Ion:276 Resp: 373104

Ion Ratio Lower Upper

276 100

277 23.9 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

