

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104440.D
 Acq On : 11 Apr 2018 16:09
 Operator : JU/SJ
 Sample : PB108147BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 18:38:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144392	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	564191	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236053	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	357929	20.00	ng	0.00
75) Chrysene-d12	13.99	240	259293	20.00	ng	0.00
86) Perylene-d12	15.45	264	204703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1059762	112.22	ng	0.03
7) Phenol-d6	6.45	99	1317237	113.53	ng	0.01
23) Nitrobenzene-d5	7.38	82	816010	94.44	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	274522	112.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1373086	91.89	ng	0.00
78) Terphenyl-d14	12.93	244	1036107	91.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	150997	34.316	ng	88
3) Pyridine	3.37	79	435412	35.195	ng	88
4) n-Nitrosodimethylamine	3.33	42	181629	42.000	ng	80
6) Aniline	6.47	93	493566	30.619	ng	99
8) 2-Chlorophenol	6.60	128	407791	40.914	ng	97
9) Benzaldehyde	6.36	77	136412	19.461	ng	98
10) Phenol	6.46	94	491770	39.946	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	392762	39.979	ng	97
12) 1,3-Dichlorobenzene	6.75	146	427416	37.853	ng	98
13) 1,4-Dichlorobenzene	6.83	146	428875	38.103	ng	99
14) 1,2-Dichlorobenzene	6.98	146	400771	38.422	ng	99
15) Benzyl Alcohol	6.96	79	342959	38.917	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	500160	37.910	ng	92
17) 2-Methylphenol	7.07	107	345507	39.879	ng	96
18) Hexachloroethane	7.32	117	128461	32.010	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	271507	35.810	ng	93
20) 3+4-Methylphenols	7.22	107	389981	36.293	ng	# 72
22) Acetophenone	7.22	105	534419	38.475	ng	# 94
24) Nitrobenzene	7.40	77	412466	43.238	ng	97
25) Isophorone	7.63	82	774952	42.414	ng	98
26) 2-Nitrophenol	7.71	139	214697	55.284	ng	96
27) 2,4-Dimethylphenol	7.75	122	378817	46.979	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	494044	44.225	ng	99
29) 2,4-Dichlorophenol	7.95	162	328580	42.707	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	342476	40.560	ng	99
31) Naphthalene	8.12	128	1128179	40.158	ng	99
32) Benzoic acid	7.88	122	252195	39.198	ng	96
33) 4-Chloroaniline	8.17	127	383030	31.824	ng	97
34) Hexachlorobutadiene	8.23	225	185272	40.059	ng	98
35) Caprolactam	8.55	113	103092	38.410	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	341682	41.417	ng	98
37) 2-Methylnaphthalene	8.81	142	726031	39.953	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309918	45.865	ng	99
40) Hexachlorocyclopentadiene	8.96	237	64552	17.064	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	215303	45.900	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	222686	42.424	ng	99
45) 1,1'-Biphenyl	9.27	154	850654	42.897	ng	99
46) 2-Chloronaphthalene	9.30	162	662762	42.313	ng	100
47) 2-Nitroaniline	9.40	65	202696	52.329	ng	91
48) Acenaphthylene	9.72	152	965506	39.288	ng	99
49) Dimethylphthalate	9.57	163	804854	43.238	ng	100
50) 2,6-Dinitrotoluene	9.64	165	166593	48.366	ng	93
51) Acenaphthene	9.89	154	568269	37.899	ng	100
52) 3-Nitroaniline	9.80	138	151444	37.557	ng	96
53) 2,4-Dinitrophenol	9.91	184	46793	43.115	ng #	21
54) Dibenzofuran	10.06	168	849461	40.652	ng	97
55) 4-Nitrophenol	9.97	139	271449	85.696	ng	93
56) 2,4-Dinitrotoluene	10.05	165	209112	46.283	ng #	92
57) Fluorene	10.40	166	610736	40.155	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162167	41.411	ng	95
59) Diethylphthalate	10.27	149	746448	40.264	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	291837	43.085	ng	99
61) 4-Nitroaniline	10.42	138	162469	41.207	ng	98
62) Azobenzene	10.55	77	659605	37.241	ng	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	34359	24.041	ng #	74
65) n-Nitrosodiphenylamine	10.52	169	578333	46.601	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	176320	46.312	ng #	88
67) Hexachlorobenzene	10.95	284	185094	43.207	ng #	86
68) Atrazine	11.04	200	171439	45.766	ng	98
69) Pentachlorophenol	11.14	266	189326	71.437	ng	97
70) Phenanthrene	11.37	178	814156	40.845	ng	99
71) Anthracene	11.42	178	842781	41.594	ng	100
72) Carbazole	11.57	167	771234	38.952	ng	99
73) Di-n-butylphthalate	11.90	149	1020612	42.198	ng	99
74) Fluoranthene	12.56	202	791817	38.021	ng	98
76) Benzidine	12.68	184	694260	Below	Cal	97
77) Pyrene	12.79	202	786230	40.908	ng	100
79) Butylbenzylphthalate	13.40	149	387401	42.785	ng	99
80) Benzo(a)anthracene	13.97	228	672551	43.417	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	267895	46.383	ng	99
82) Chrysene	14.02	228	651131	40.923	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	524518	45.036	ng	99
84) Di-n-octyl phthalate	14.59	149	879862	45.213	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	499779	36.976	ng	97
87) Benzo(b)fluoranthene	15.03	252	616166	47.659	ng	98
88) Benzo(k)fluoranthene	15.06	252	516852	42.345	ng	99
89) Benzo(a)pyrene	15.39	252	524347	45.328	ng	99
90) Dibenzo(a,h)anthracene	16.93	278	420956	44.308	ng	97
91) Benzo(g,h,i)perylene	17.34	276	401292	43.597	ng	96

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

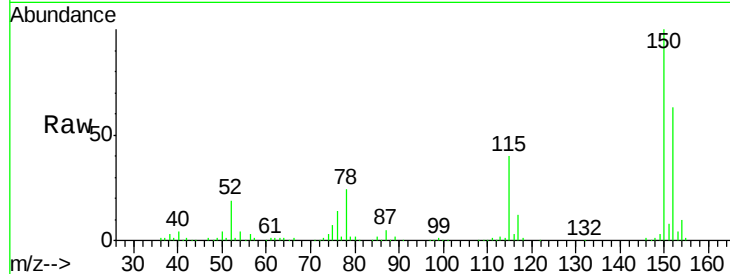


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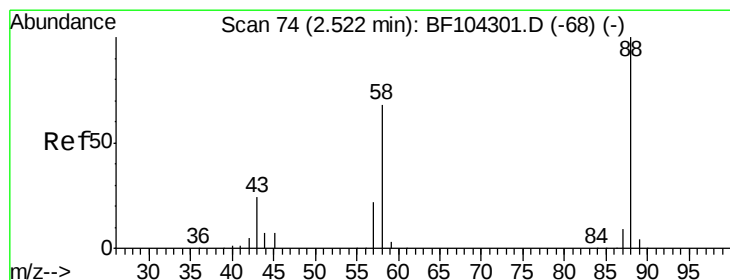
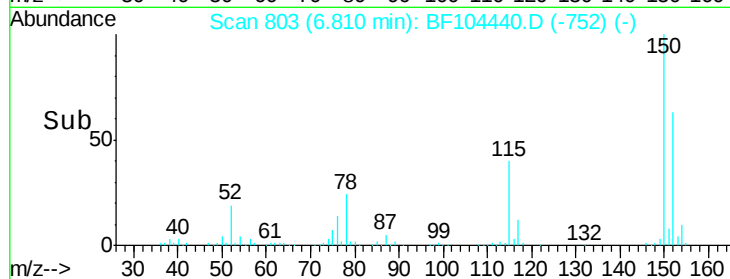
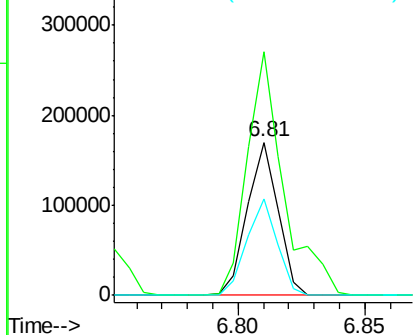
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144392
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 63.2 50.1 75.1



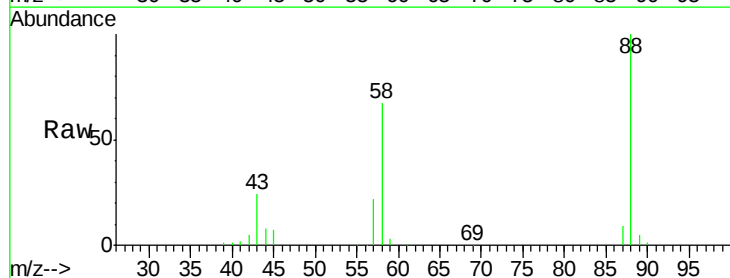
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



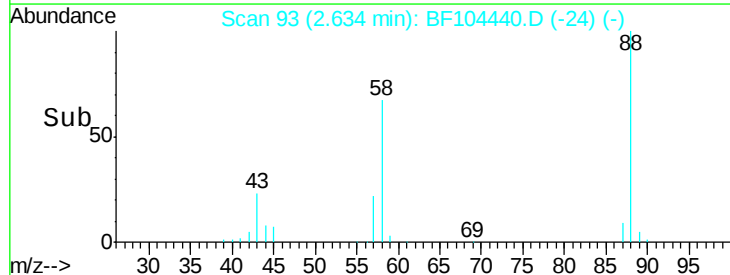
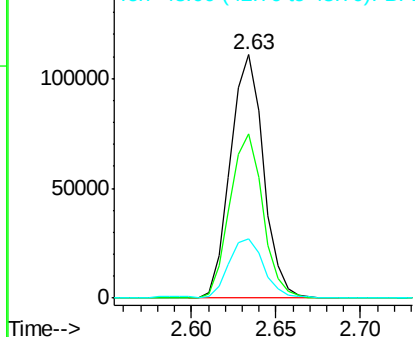
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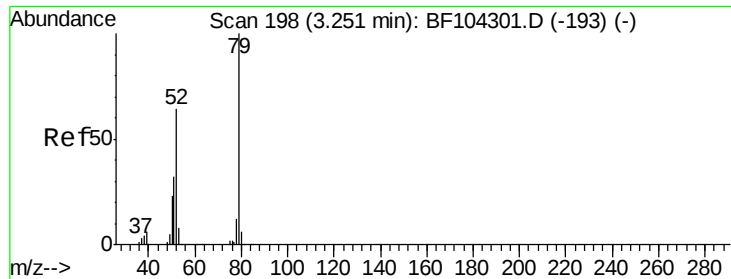
1,4-Dioxane
Concen: 34.316 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.11 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion: 88 Resp: 150997
Ion Ratio Lower Upper
88 100
58 67.7 62.6 93.8
43 24.8 24.6 37.0



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





#3

Pvridine

Concen: 35.195 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.11 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

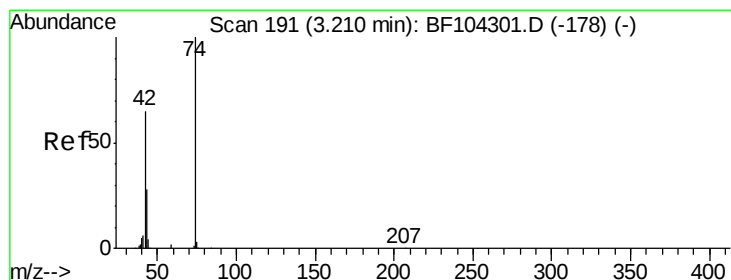
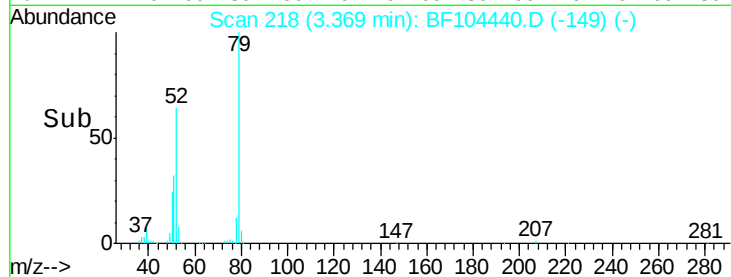
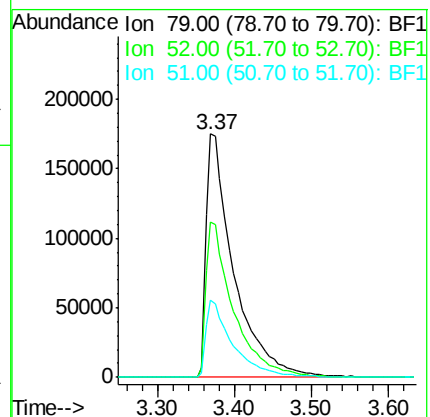
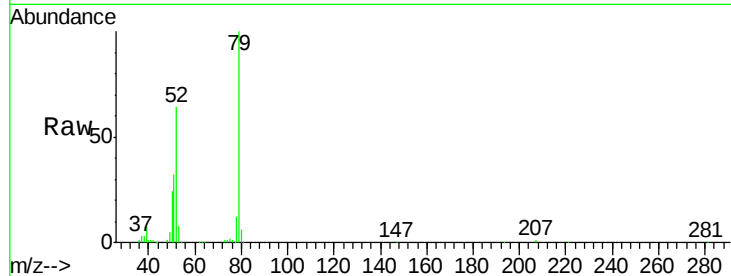
Tot Ion: 79 Resp: 435412

Ion Ratio Lower Upper

79 100

52 63.8 59.8 89.6

51 31.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.000 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.11 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

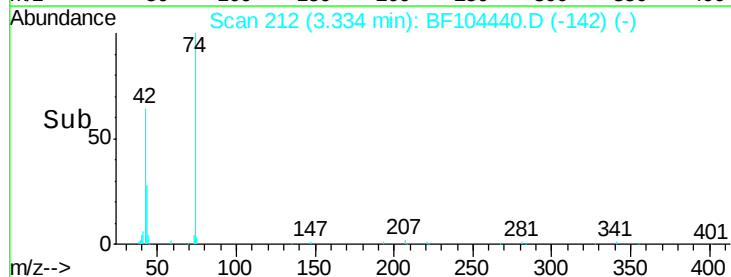
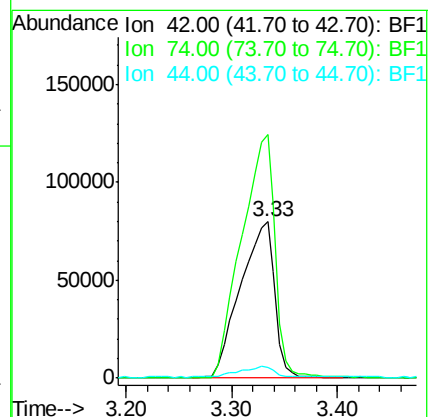
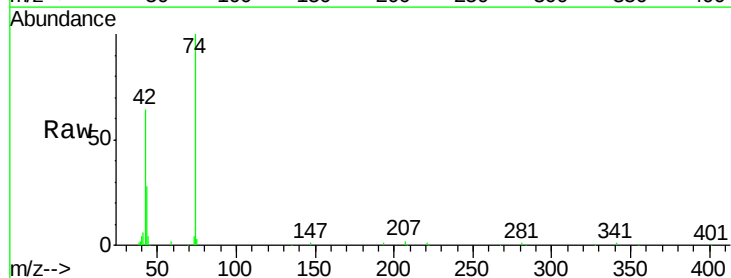
Tgt Ion: 42 Resp: 181629

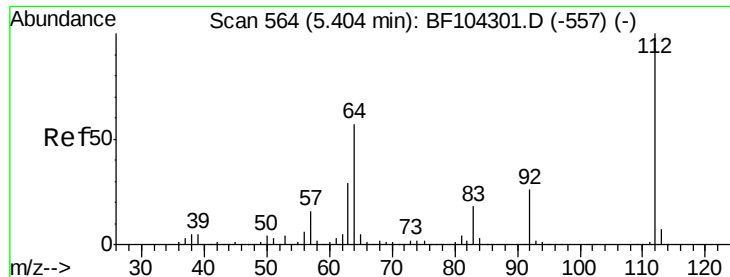
Ion Ratio Lower Upper

42 100

74 155.9 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 112.225 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.03 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

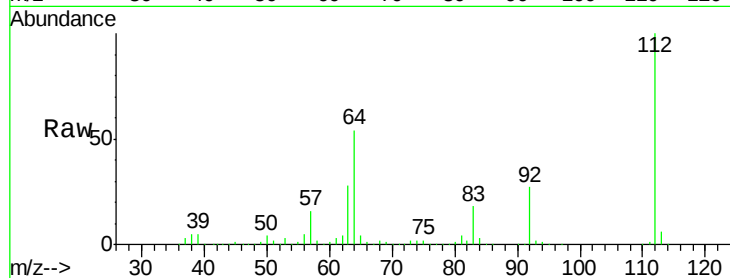
Tot Ion:112 Resp: 1059762

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

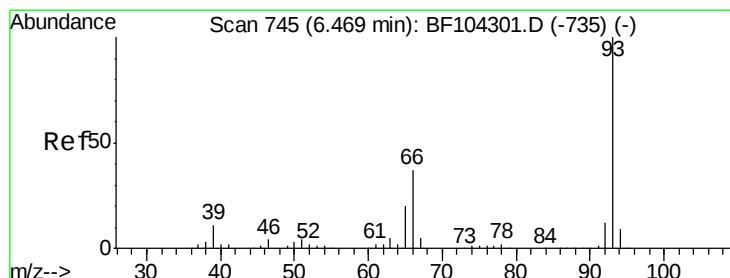
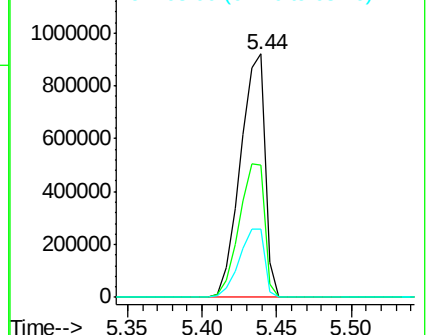
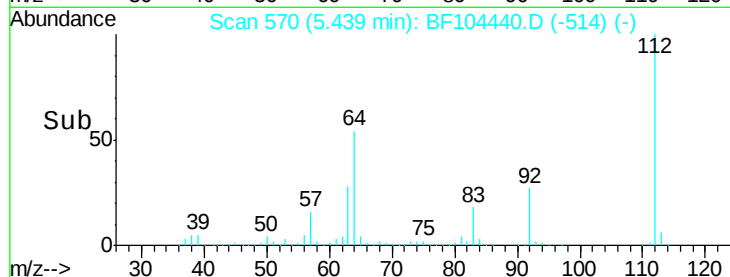
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.619 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

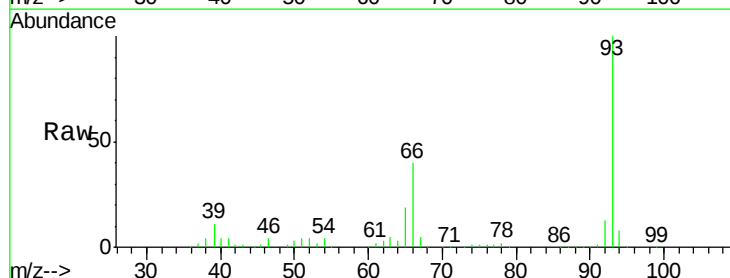
Tgt Ion: 93 Resp: 493566

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

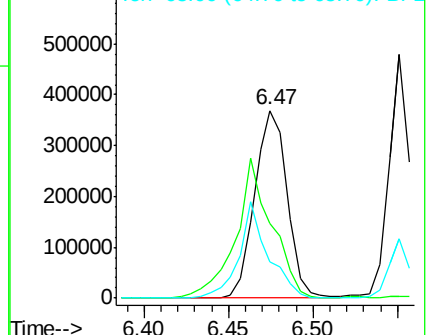
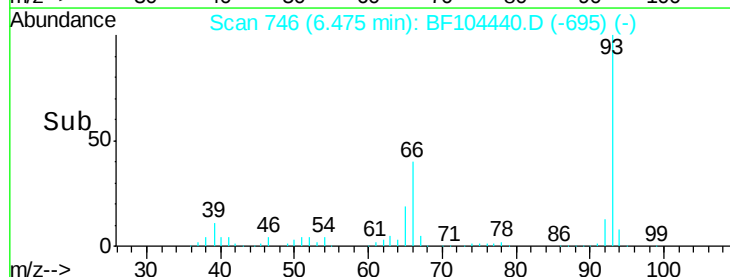
65 19.4 16.4 24.6



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: 113.529 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

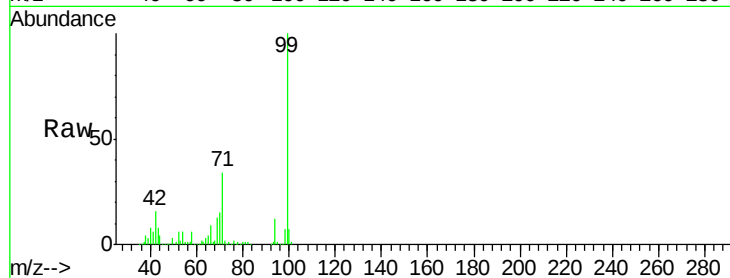
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1317237

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	34.3	25.4	38.0

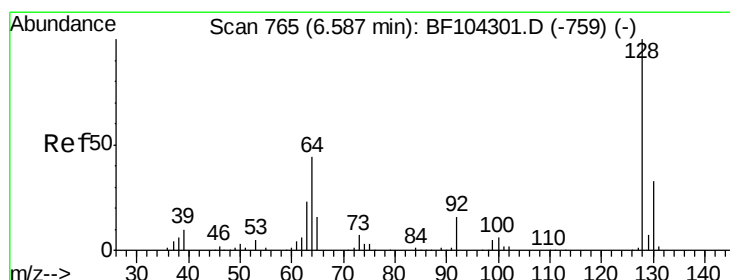
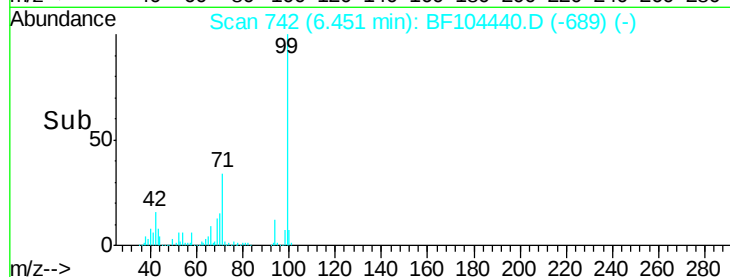
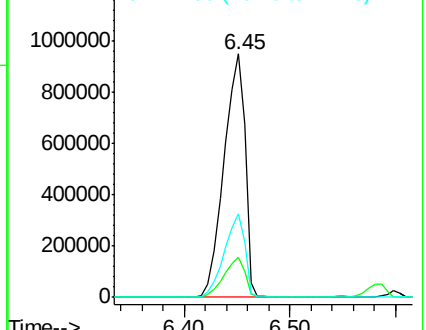


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.914 ng

RT: 6.60 min Scan# 767

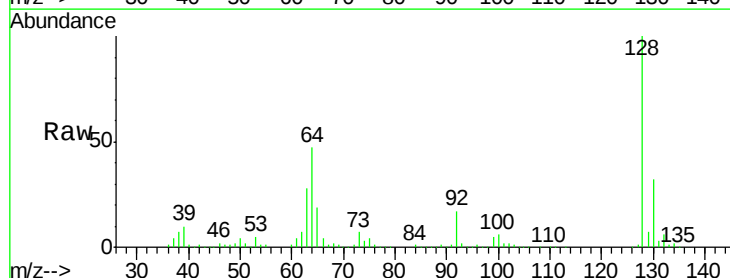
Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion: 128 Resp: 407791

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	46.6	29.4	69.4

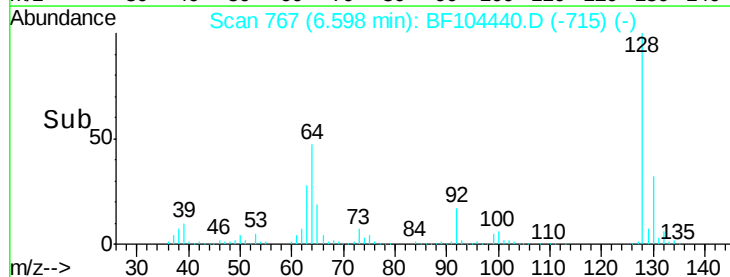
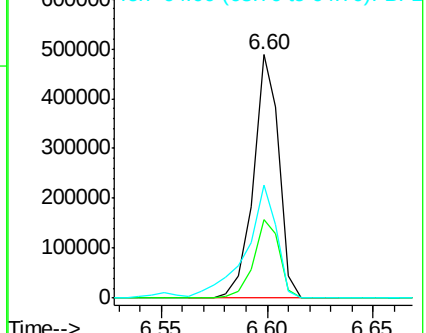


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

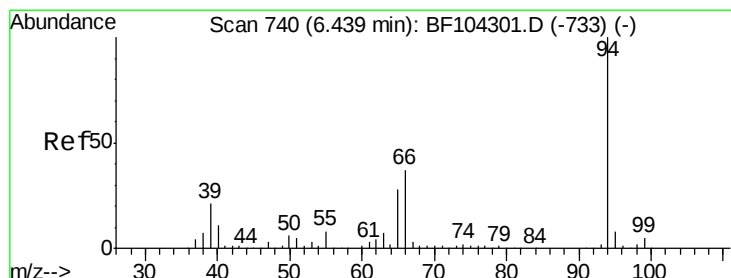
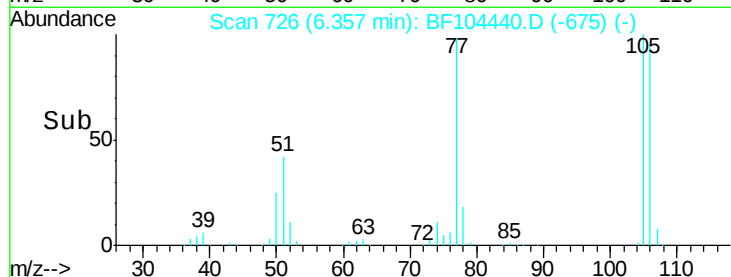
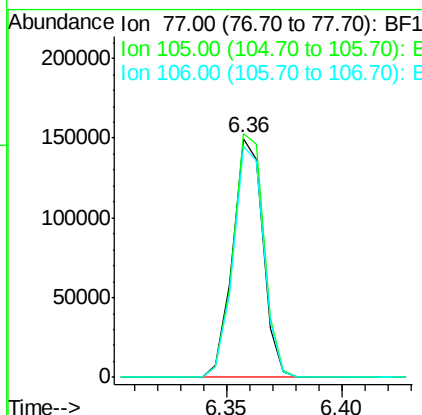
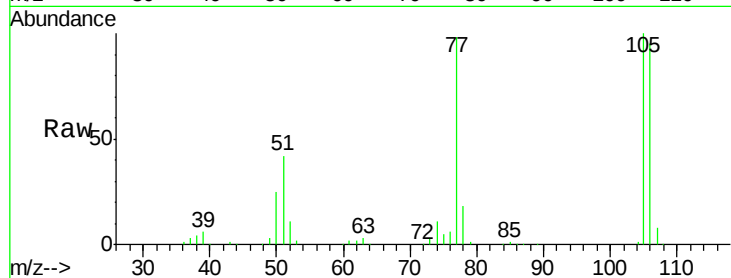




#9
Benzaldehyde
Concen: 19.461 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

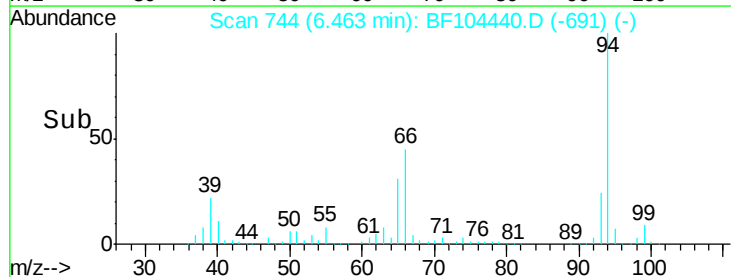
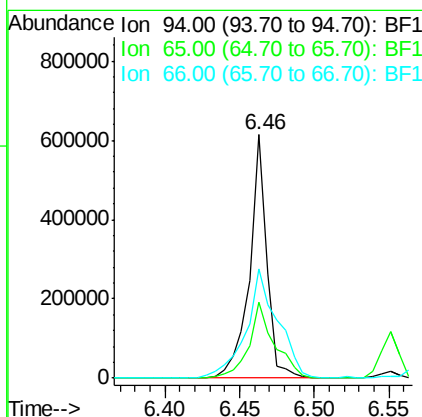
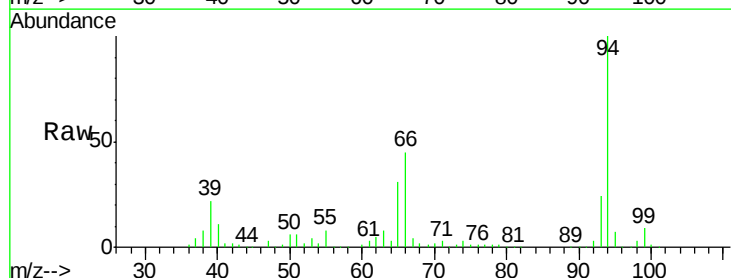
Instrument :
BNA_F
ClientSampleId :

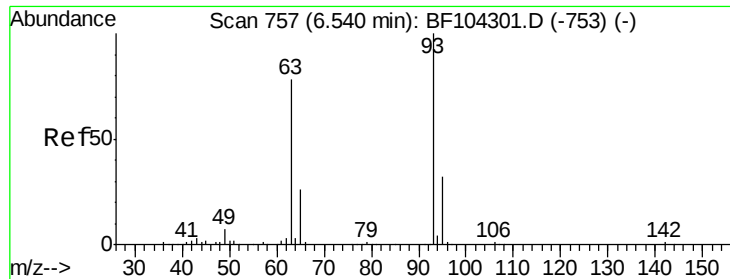
Tot Ion: 77 Resp: 136412
Ion Ratio Lower Upper
77 100
105 102.1 81.1 121.1
106 96.6 74.5 114.5



#10
Phenol
Concen: 39.946 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion: 94 Resp: 491770
Ion Ratio Lower Upper
94 100
65 31.0 7.9 47.9
66 44.9 16.2 56.2

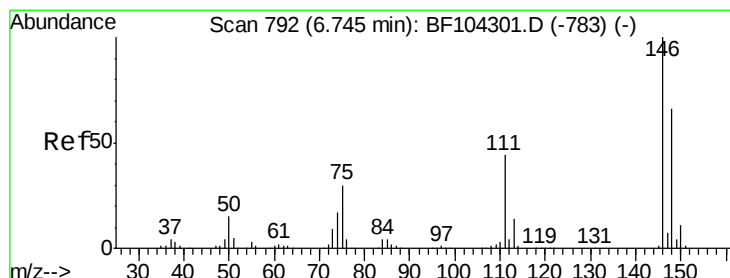
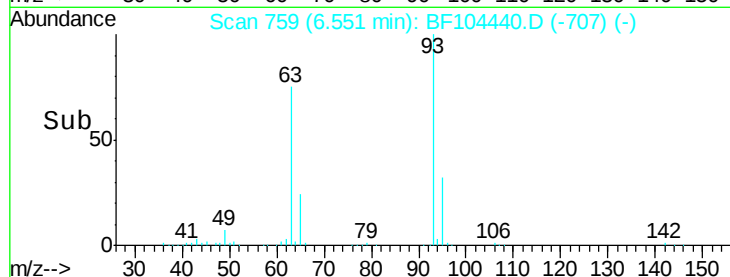
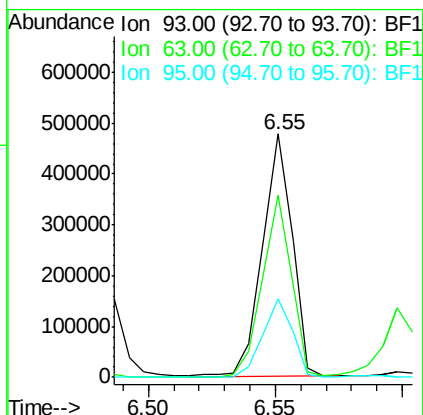
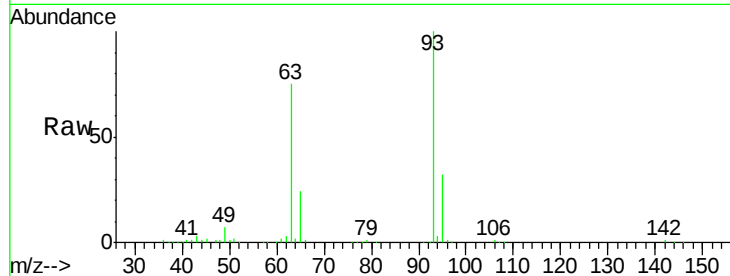




#11
bis(2-Chloroethyl)ether
Concen: 39.979 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

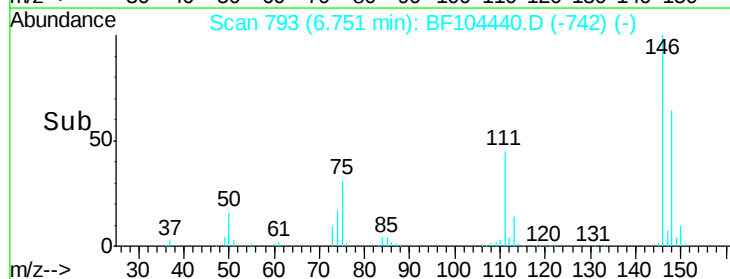
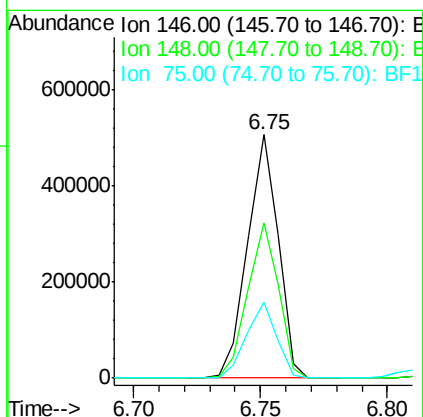
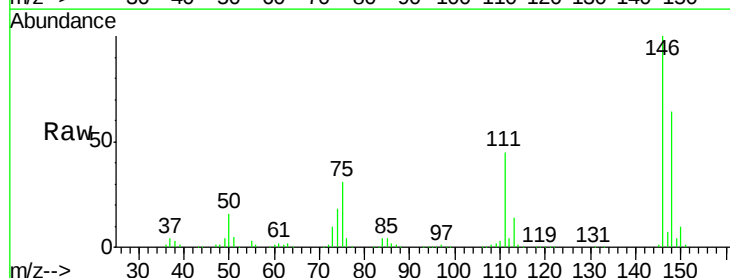
Instrument :
BNA_F
ClientSampleId :

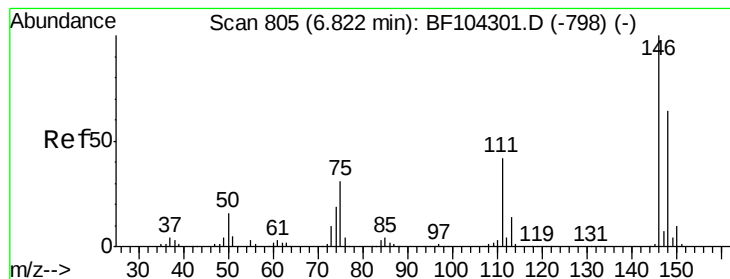
Tot Ion: 93 Resp: 392762
Ion Ratio Lower Upper
93 100
63 75.0 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.853 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion: 146 Resp: 427416
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.103 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

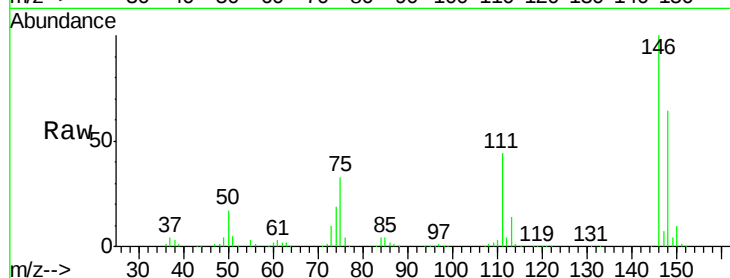
Tot Ion:146 Resp: 428875

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

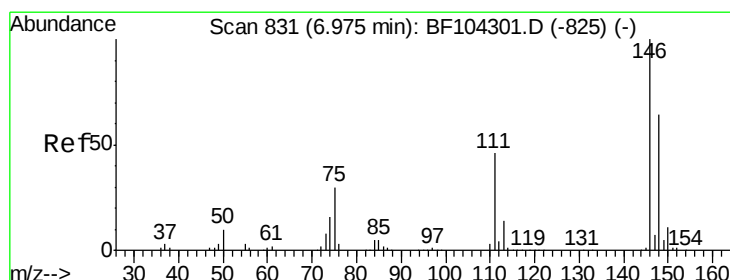
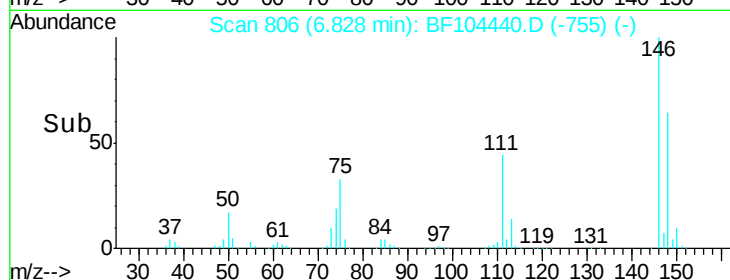
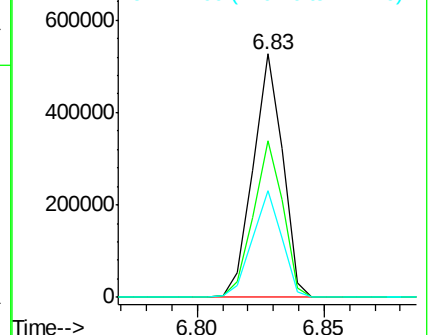
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.422 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

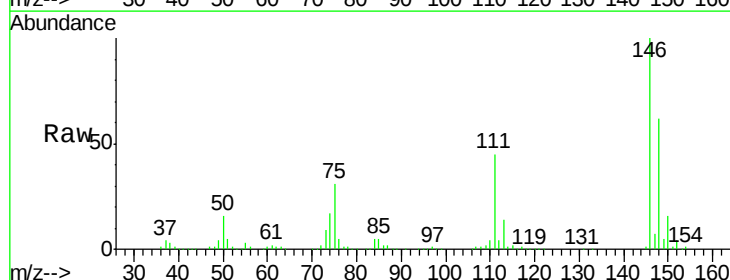
Tgt Ion:146 Resp: 400771

Ion Ratio Lower Upper

146 100

148 62.1 50.6 75.8

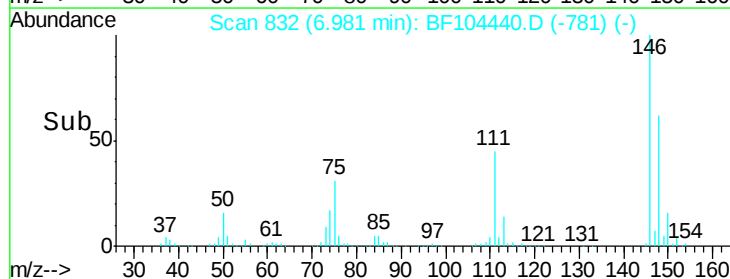
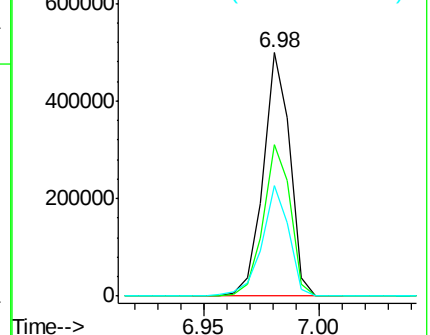
111 45.3 36.0 54.0

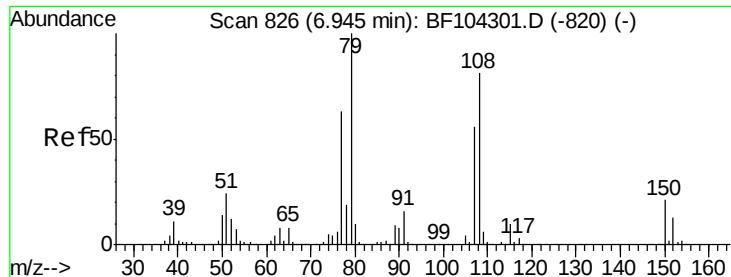


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.917 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

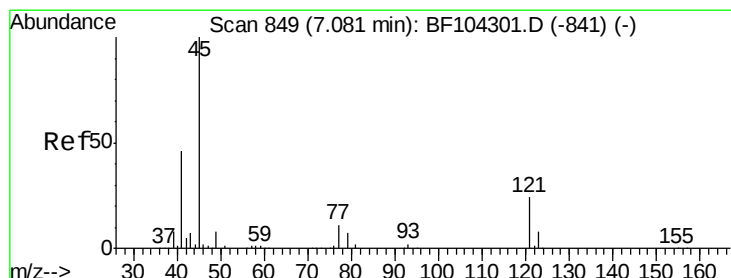
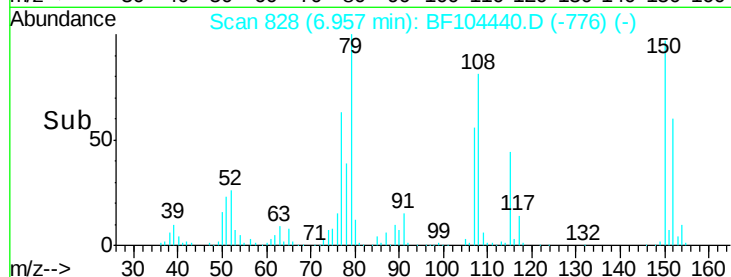
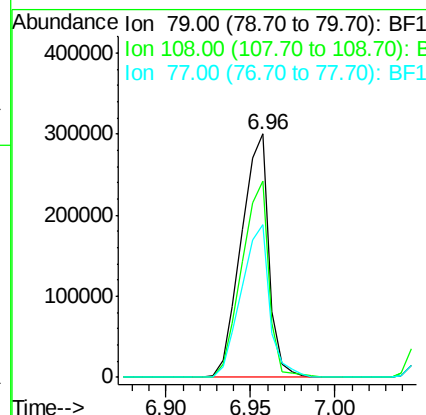
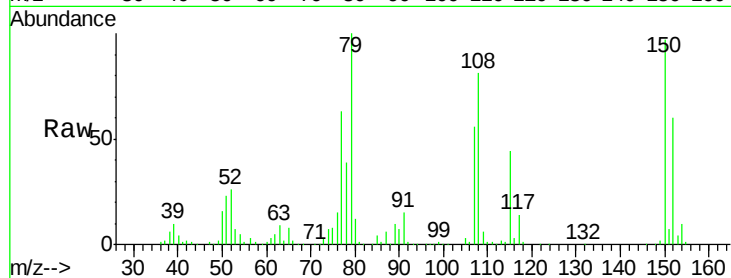
Tot Ion: 79 Resp: 342959

Ion Ratio Lower Upper

79 100

108 80.7 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.910 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

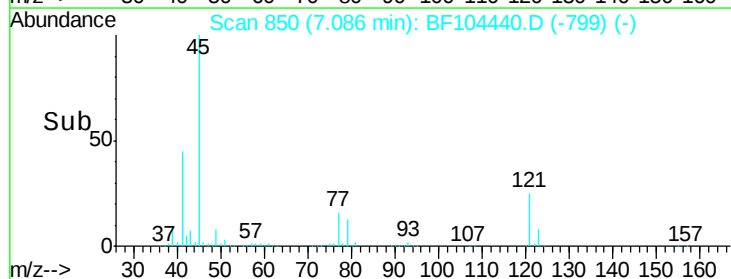
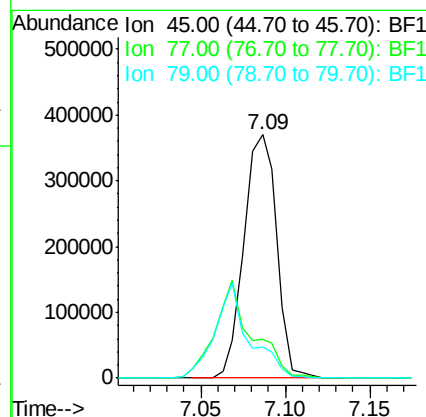
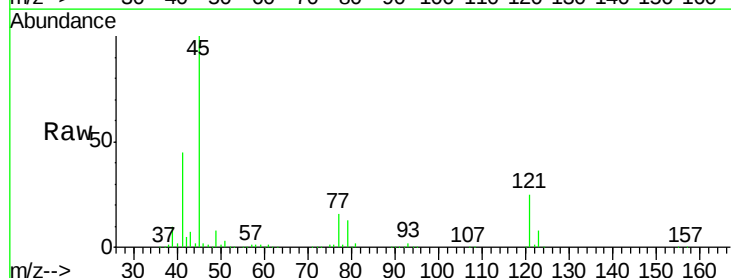
Tgt Ion: 45 Resp: 500160

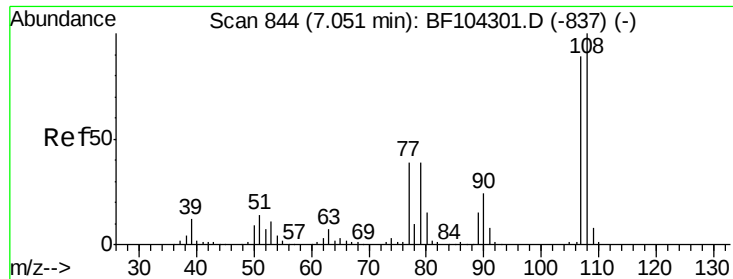
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

79 12.7 0.0 29.6

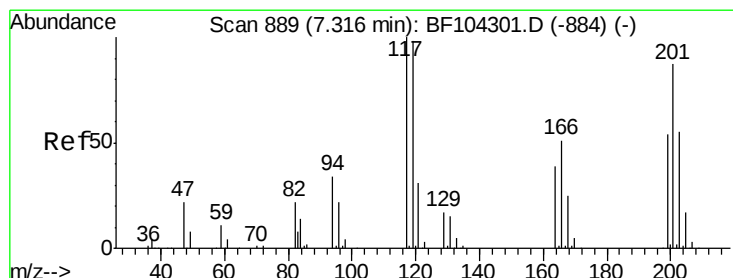
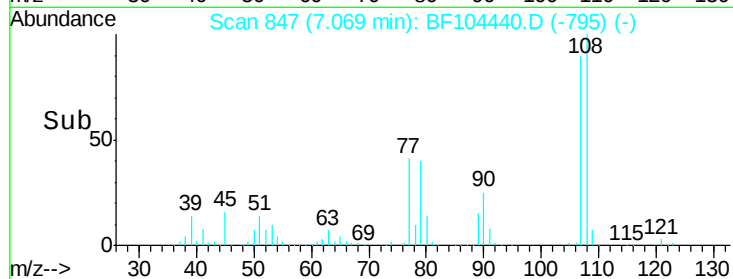
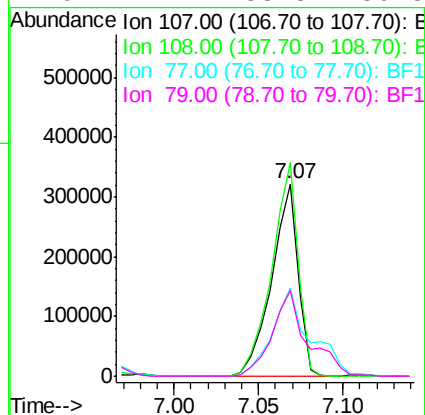
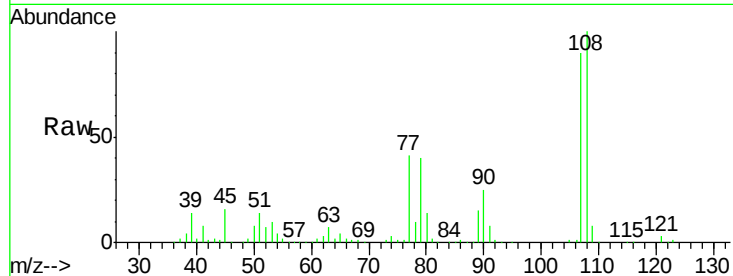




#17
2-Methylphenol
Concen: 39.879 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

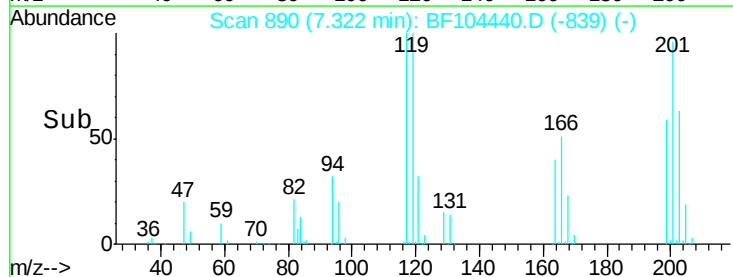
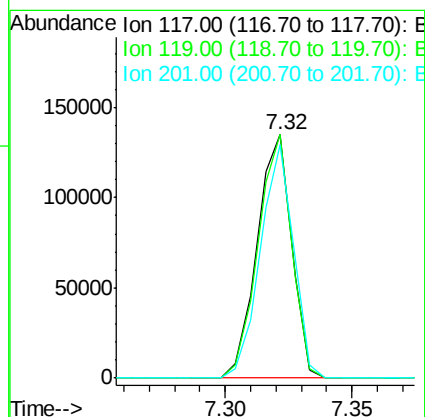
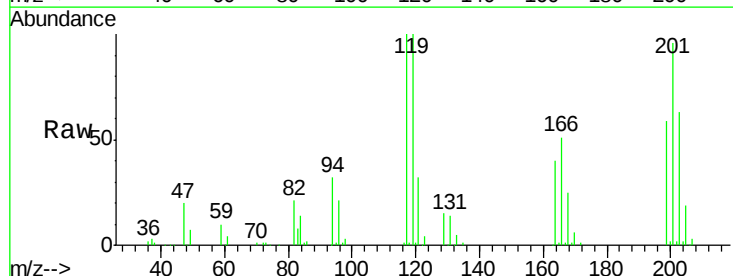
Instrument :
BNA_F
ClientSampleId :

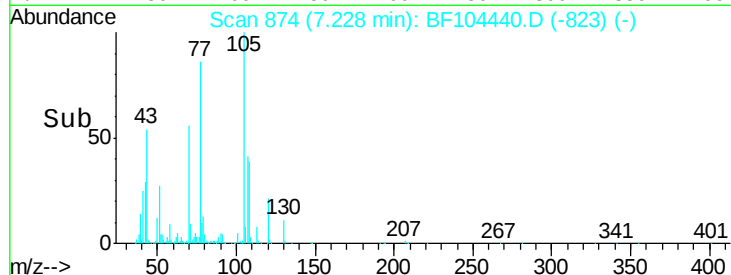
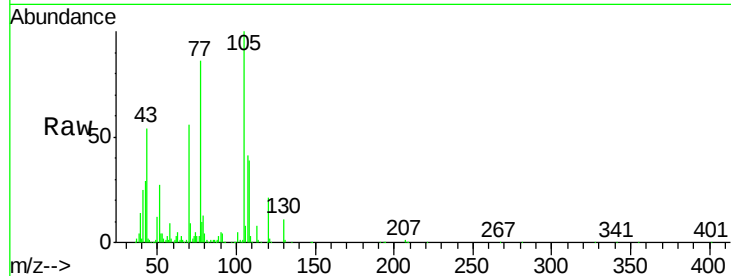
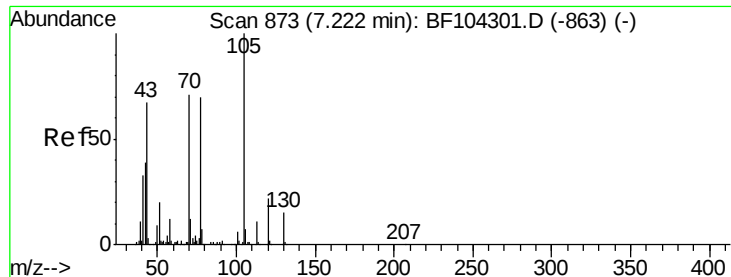
Tot Ion:	107	Resp:	345507
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	46.1	33.8	50.8
79	44.7	33.8	50.8



#18
Hexachloroethane
Concen: 32.010 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:	117	Resp:	128461
Ion	Ratio	Lower	Upper
117	100		
119	100.0	75.8	113.8
201	95.8	75.7	113.5

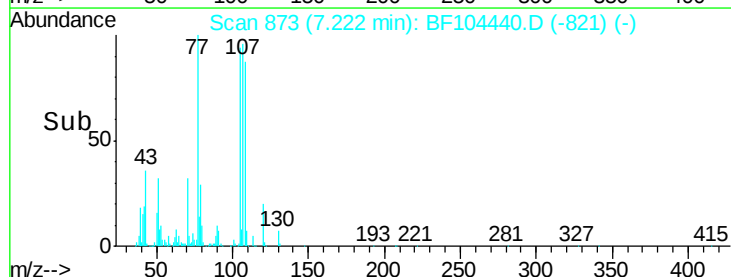
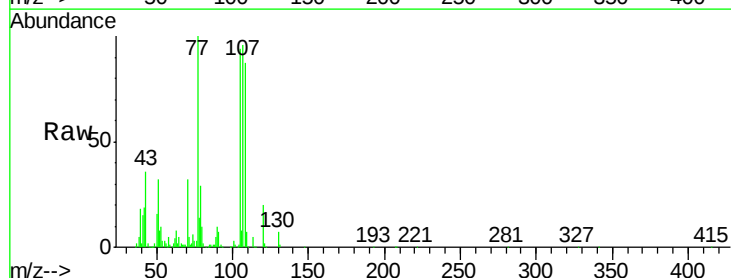
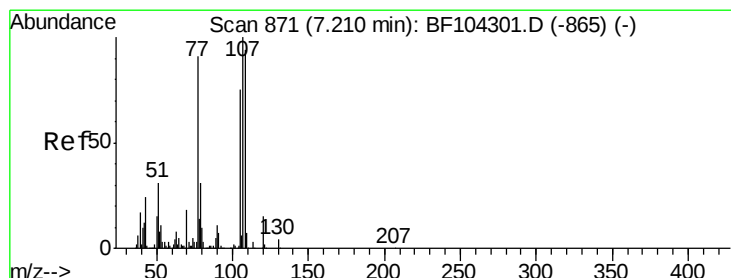
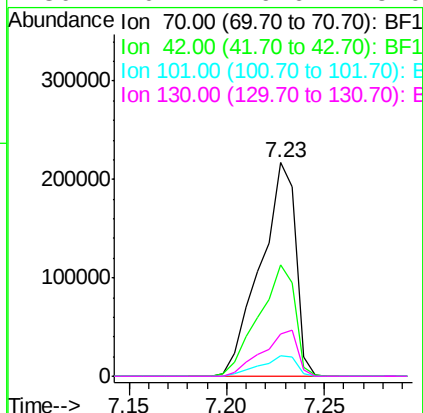




#19
n-Nitroso-di-n-propylamine
Concen: 35.810 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

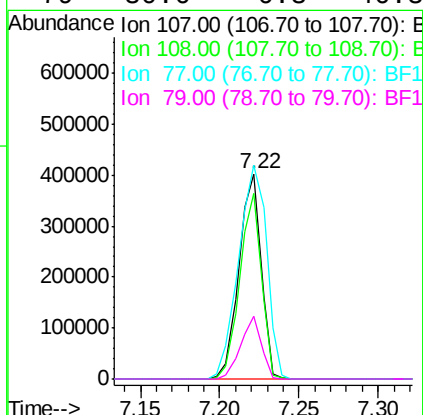
Instrument :
BNA_F
ClientSampleId :

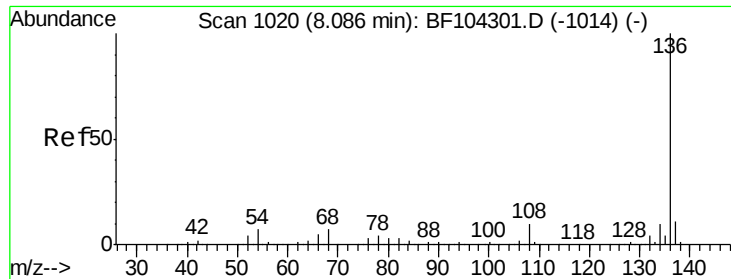
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	9.6	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.293 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	104.2	26.7	66.7#
79	30.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104440.D

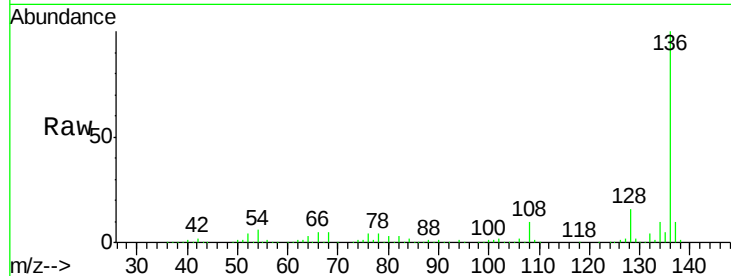
Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	564191
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.3	6.6 9.8#
68	5.4	5.0 7.4

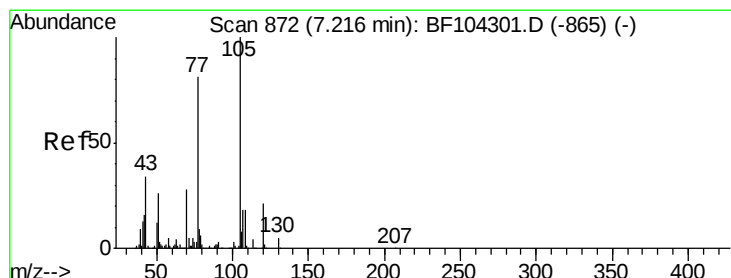
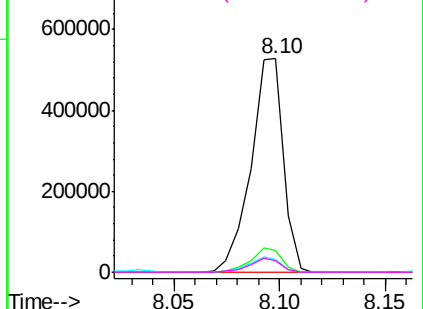
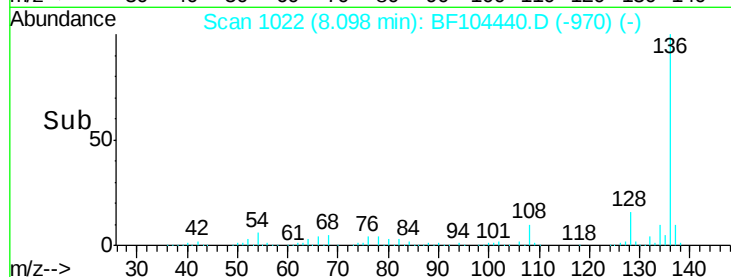


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.475 ng

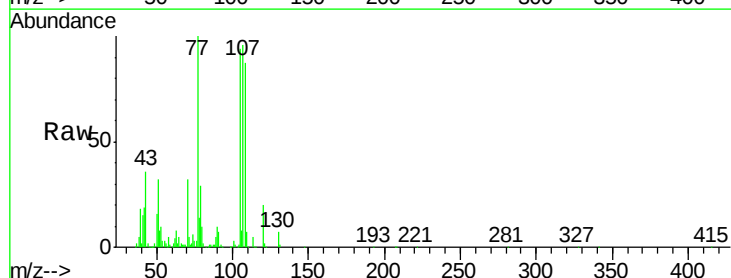
RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:105	Resp:	534419
Ion Ratio	Lower	Upper
105	100	
71	5.5	4.4 6.6
51	34.1	22.3 33.5#
120	20.9	16.9 25.3

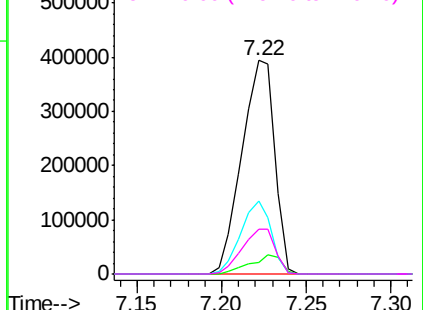
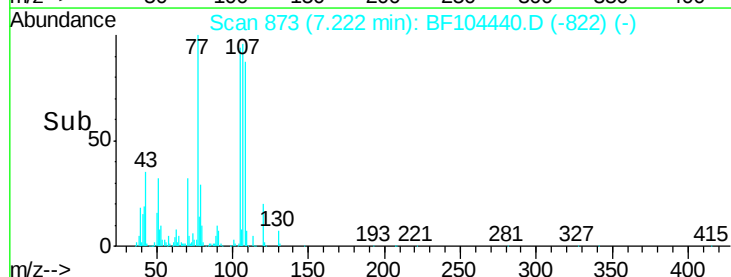


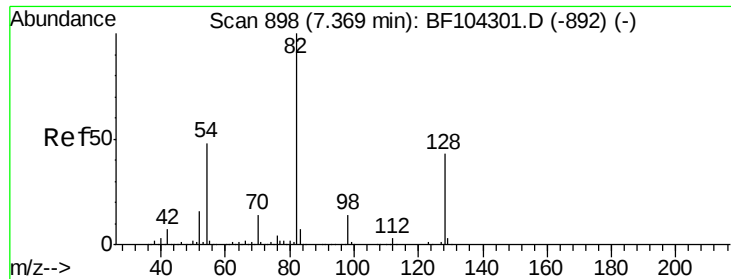
Abundance Ion 105.00 (104.70 to 105.70): E

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

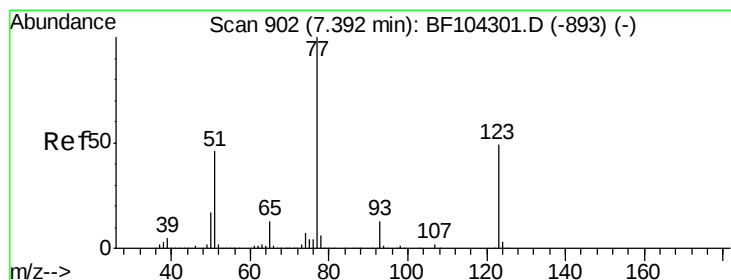
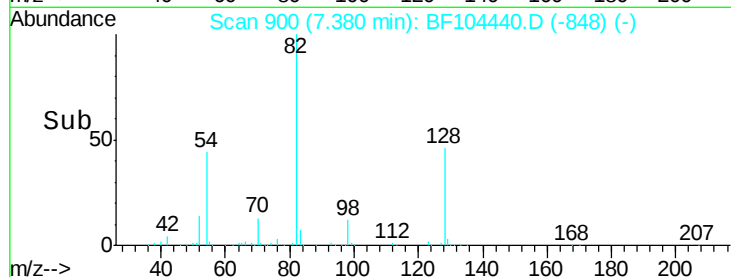
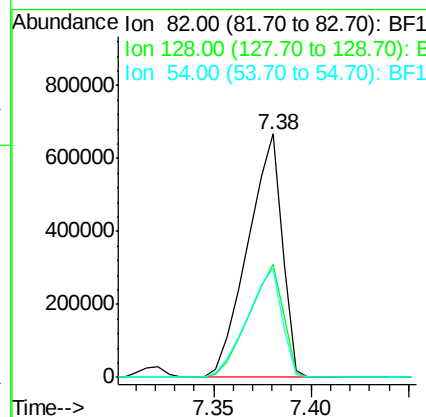
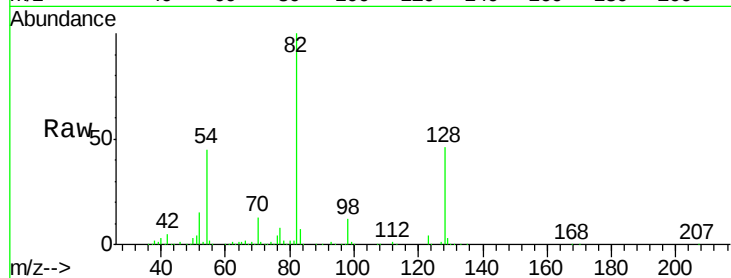




#23
Nitrobenzene-d5
Concen: 94.443 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

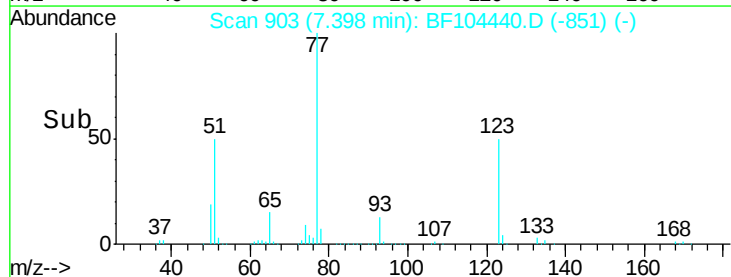
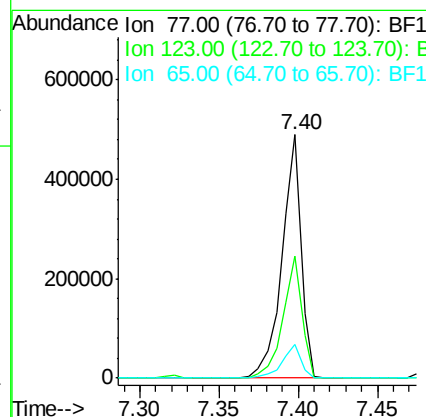
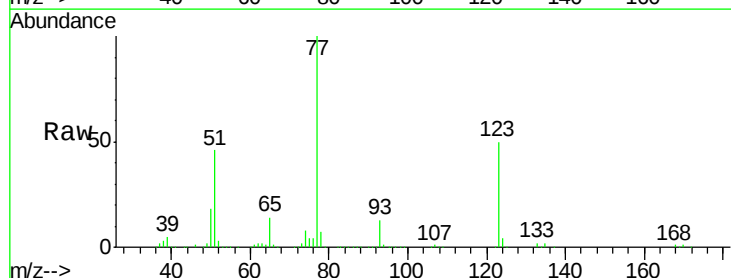
Instrument :
BNA_F
ClientSampleId :

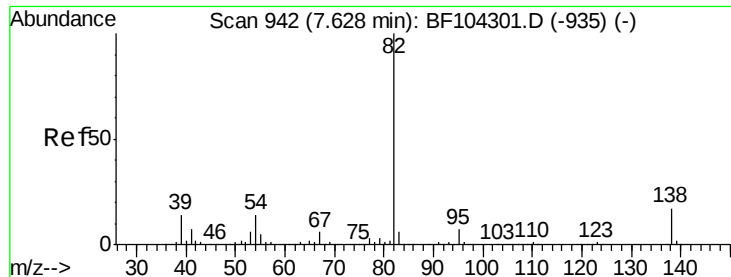
Tot Ion: 82 Resp: 816010
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 45.0 41.4 62.2



#24
Nitrobenzene
Concen: 43.238 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion: 77 Resp: 412466
Ion Ratio Lower Upper
77 100
123 50.0 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 42.414 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

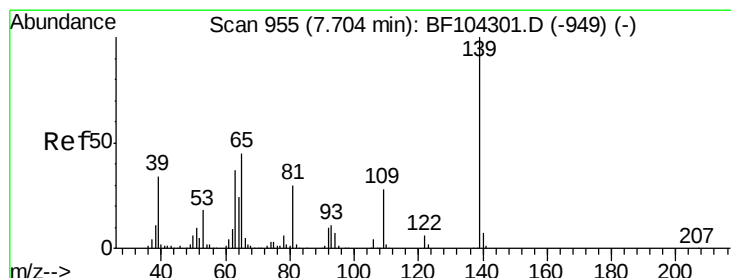
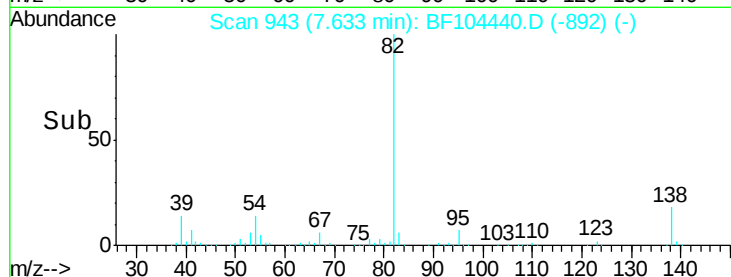
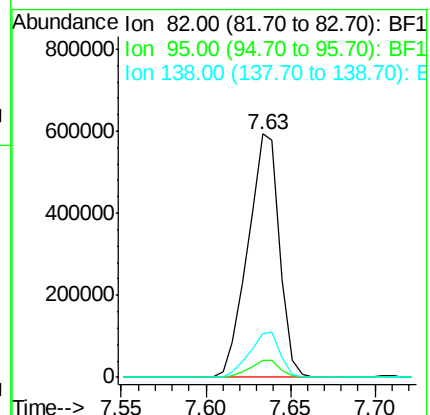
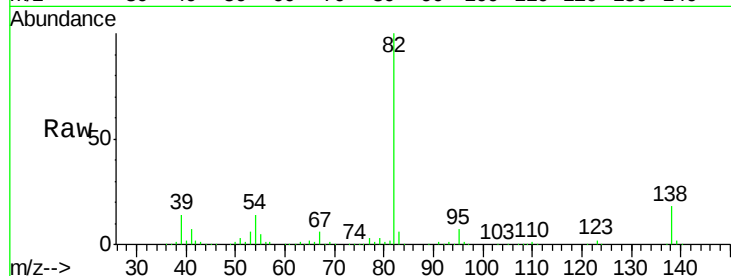
Tot Ion: 82 Resp: 774952

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 55.284 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

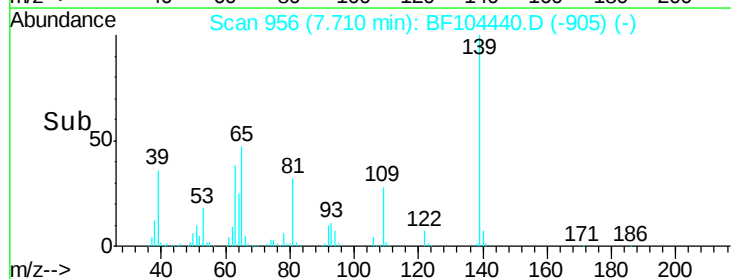
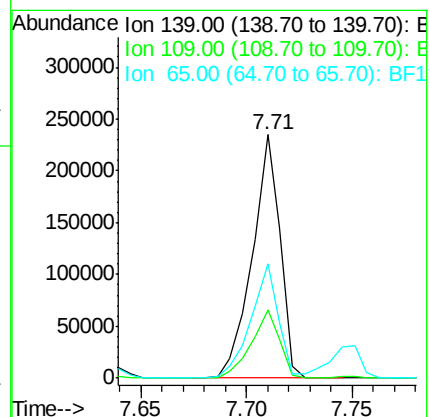
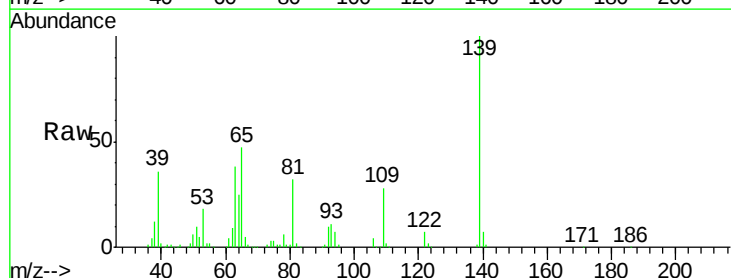
Tgt Ion: 139 Resp: 214697

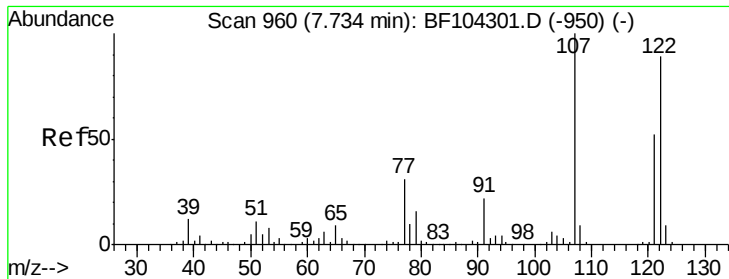
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 47.1 40.5 60.7

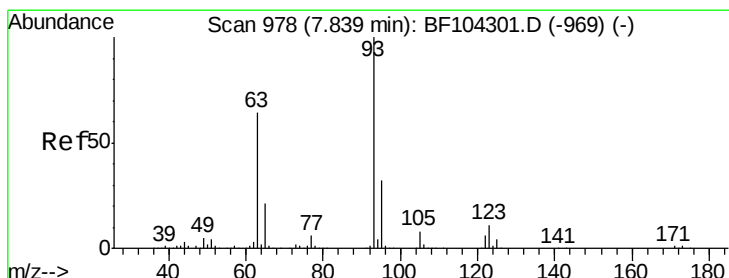
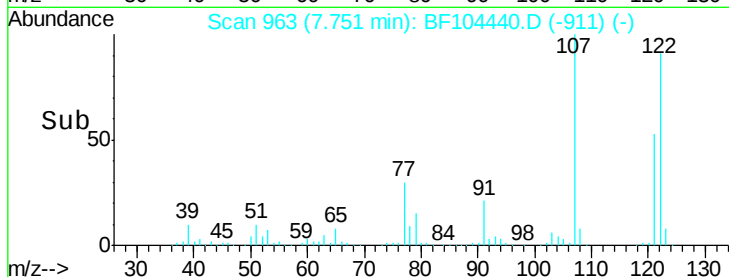
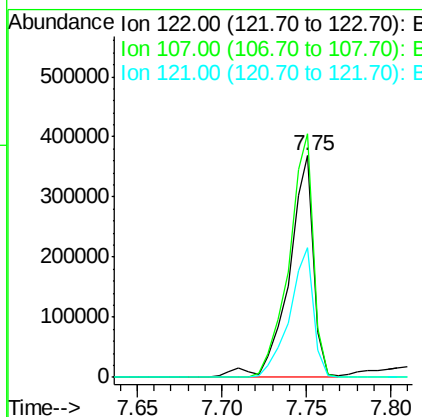
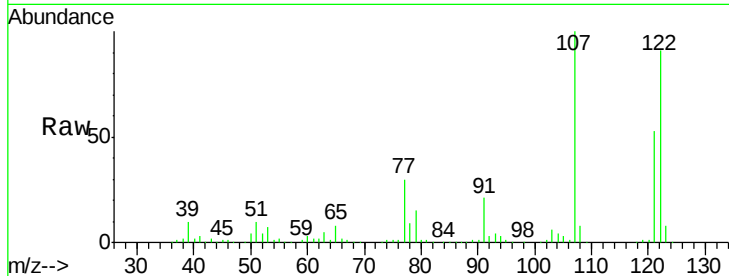




#27
 2,4-Dimethylphenol
 Concen: 46.979 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

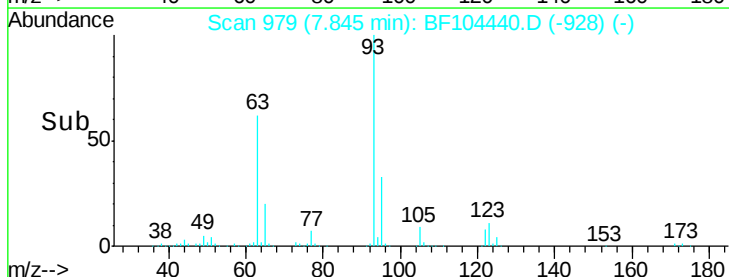
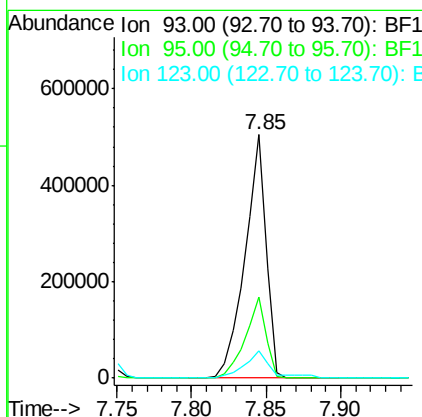
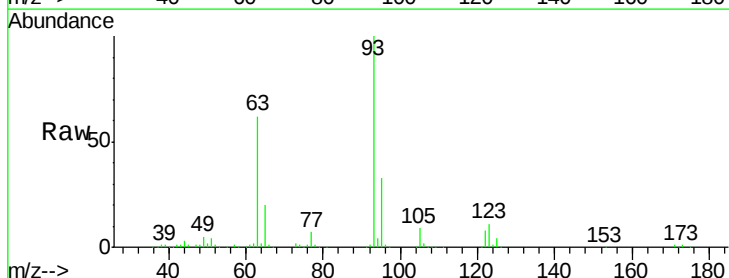
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 378817
 Ion Ratio Lower Upper
 122 100
 107 110.1 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.225 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion: 93 Resp: 494044
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.707 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

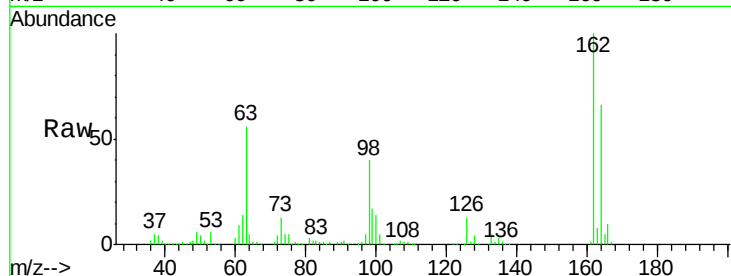
Tot Ion:162 Resp: 328580

Ion Ratio Lower Upper

162 100

164 65.6 42.7 82.7

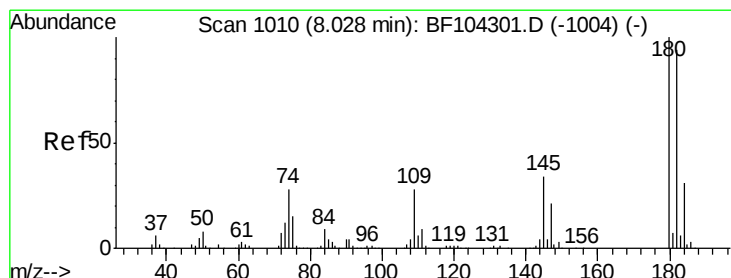
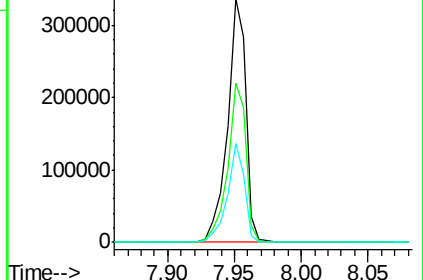
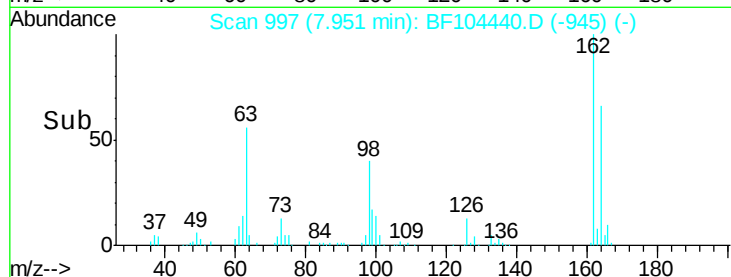
98 40.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.560 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

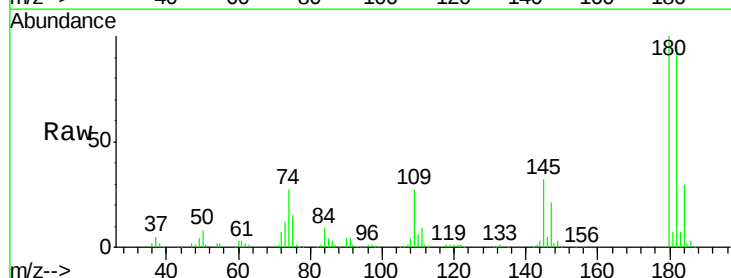
Tgt Ion:180 Resp: 342476

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

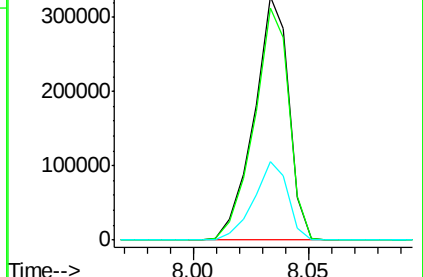
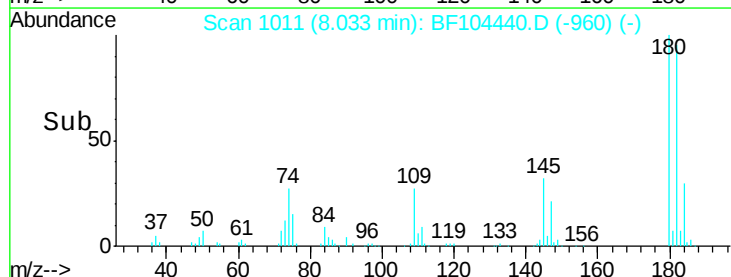
145 32.5 26.5 39.7

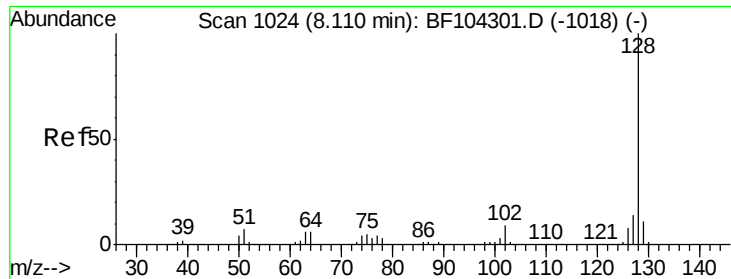


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

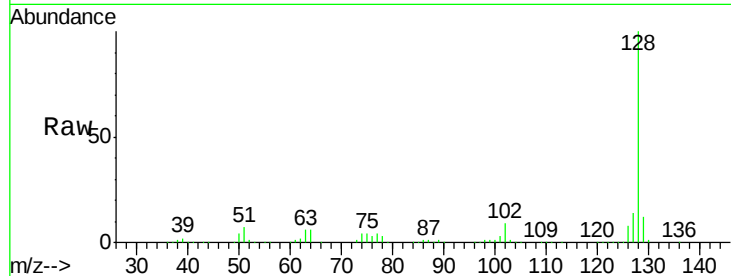




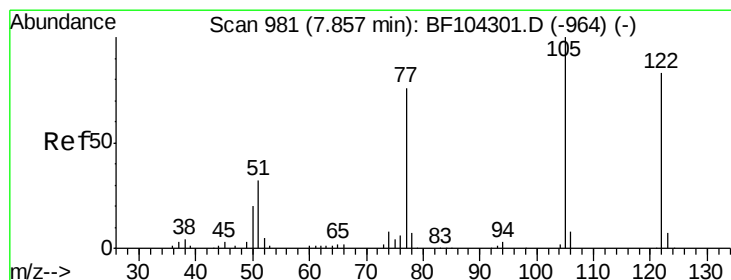
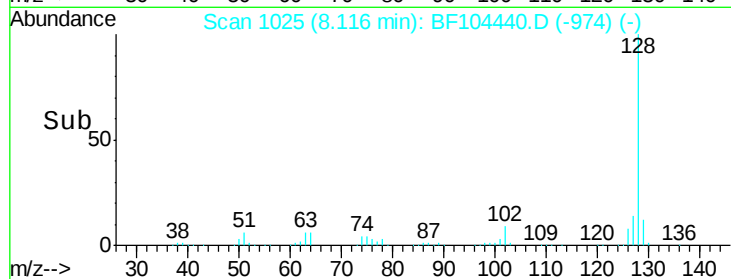
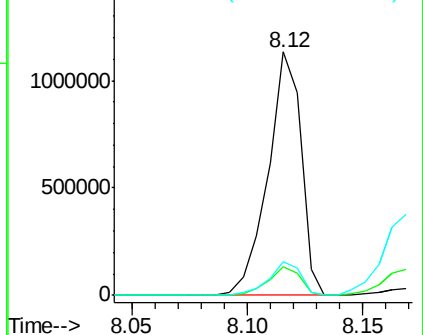
#31
Naphthalene
Concen: 40.158 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1128179
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3

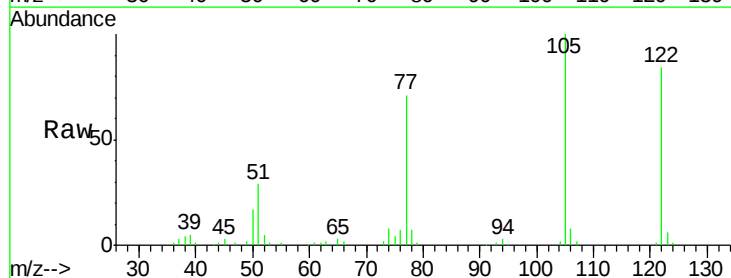


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

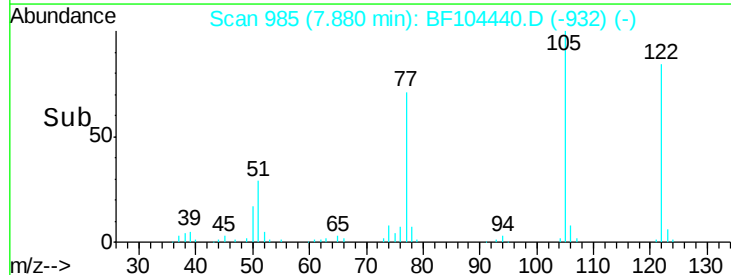
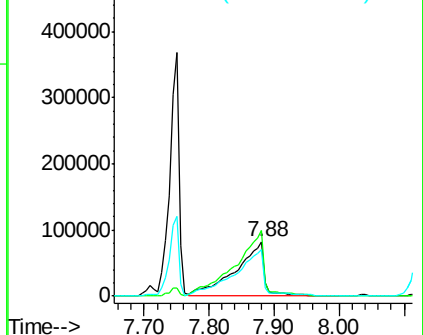


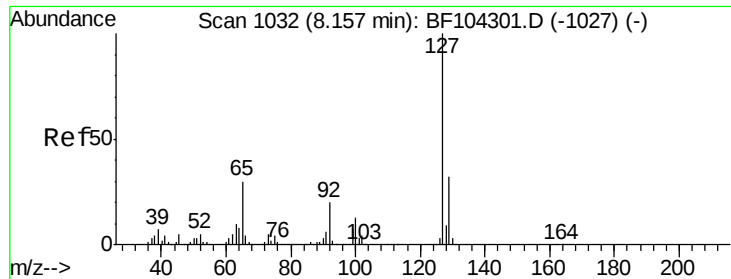
#32
Benzoic acid
Concen: 39.198 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:122 Resp: 252195
Ion Ratio Lower Upper
122 100
105 119.3 101.1 141.1
77 84.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

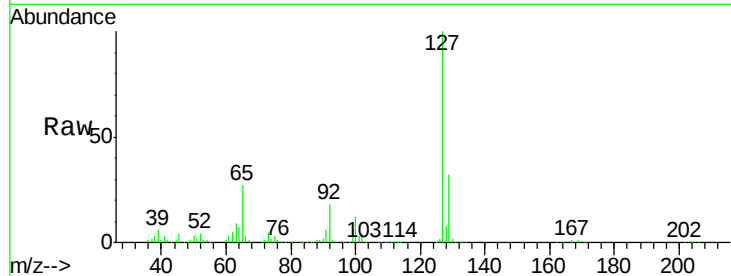




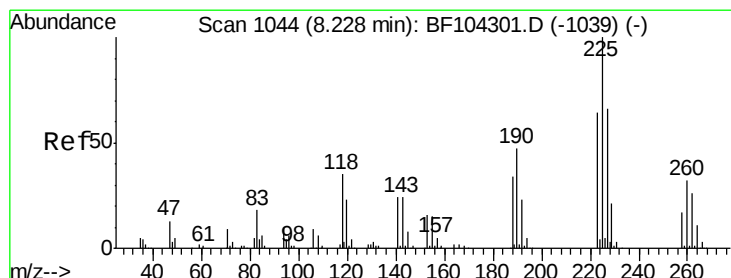
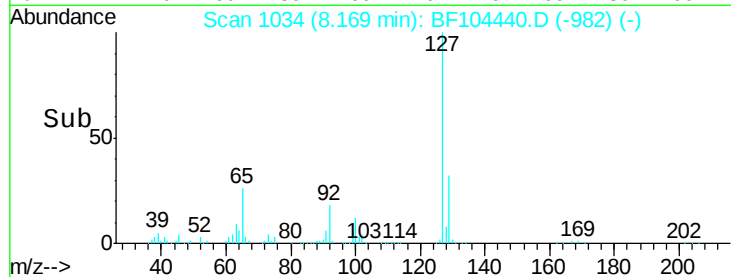
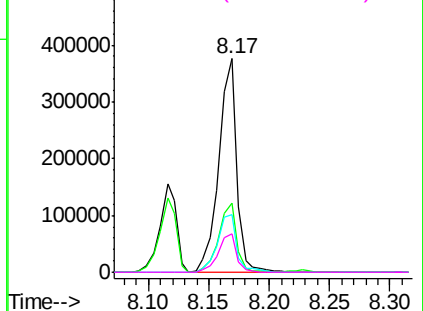
#33
4-Chloroaniline
Concen: 31.824 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	383030
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.9 38.9
65	27.0	25.0 37.4
92	18.1	15.2 22.8

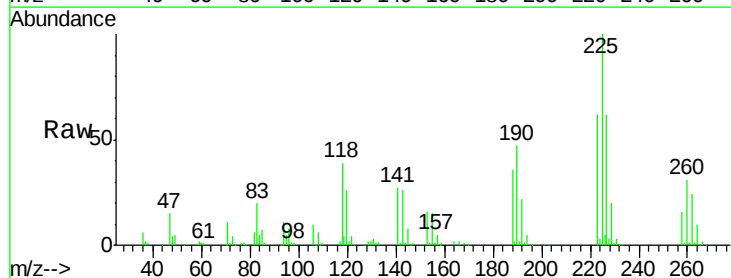


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

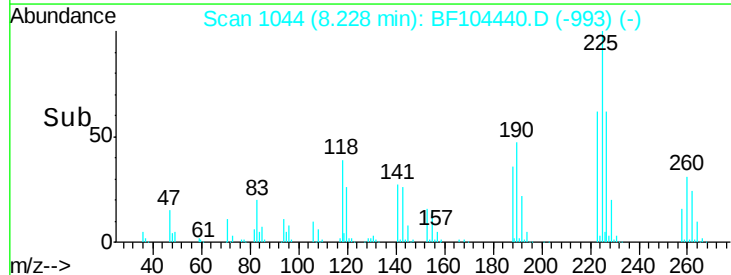
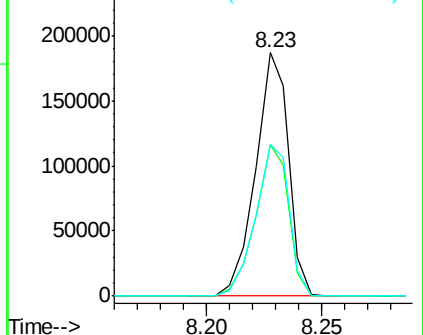


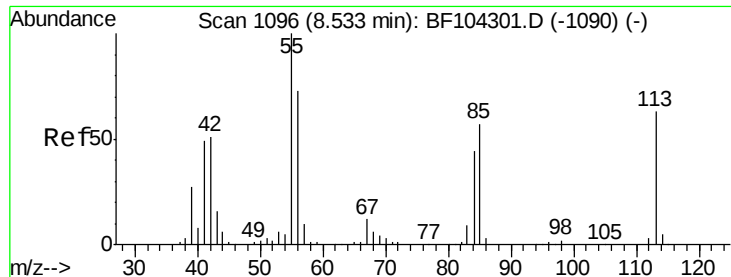
#34
Hexachlorobutadiene
Concen: 40.059 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:225	Resp:	185272
Ion	Ratio	Lower Upper
225	100	
223	62.5	50.6 76.0
227	62.4	51.9 77.9



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

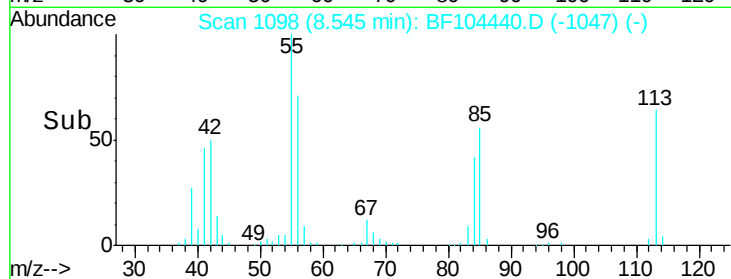
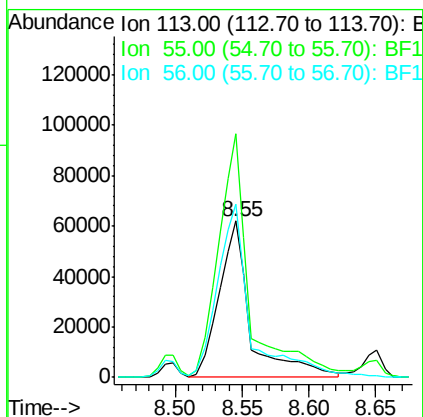
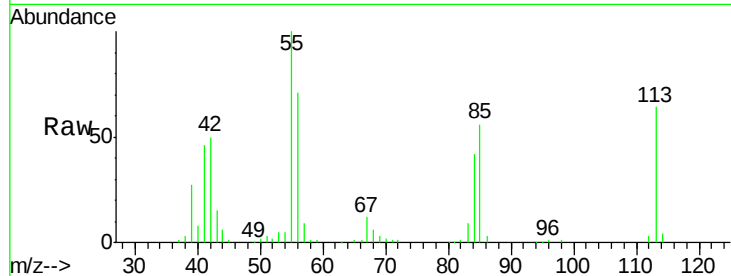




#35
 Caprolactam
 Concen: 38.410 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

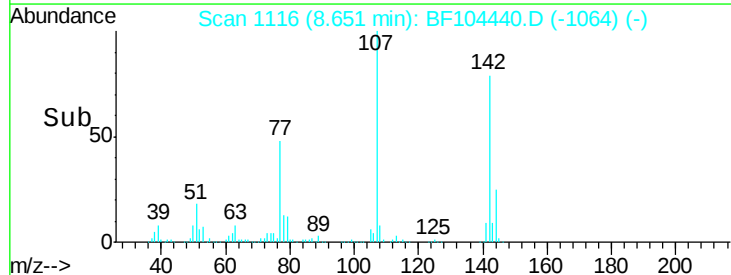
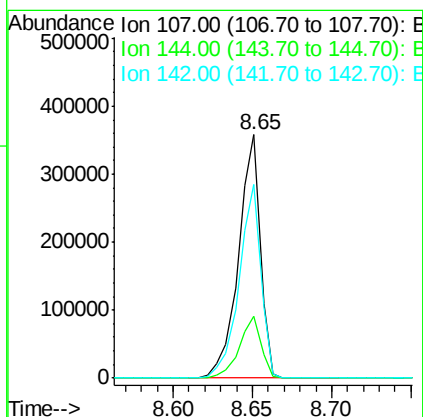
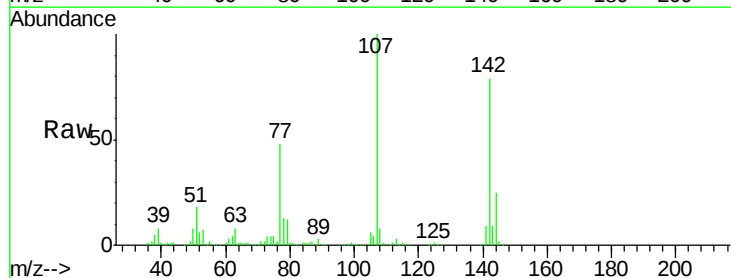
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 103092
 Ion Ratio Lower Upper
 113 100
 55 155.6 163.3 203.3#
 56 111.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.417 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:107 Resp: 341682
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.3 62.0 93.0

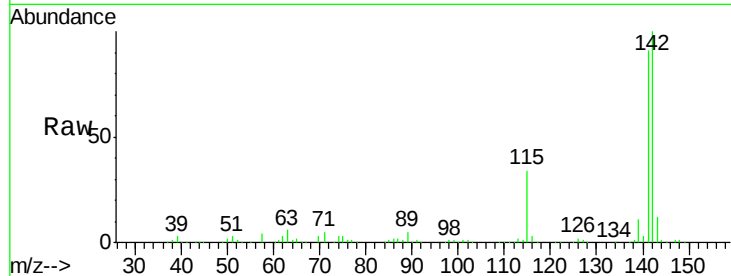




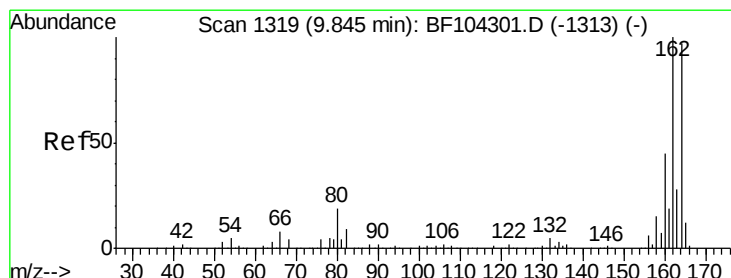
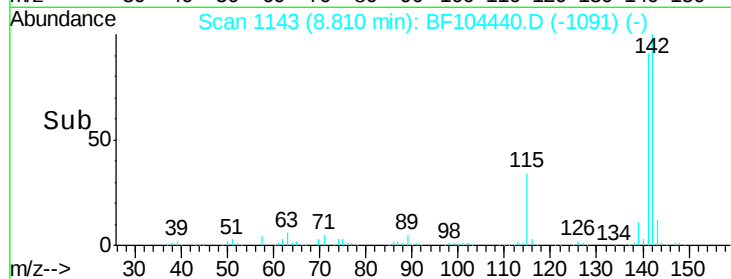
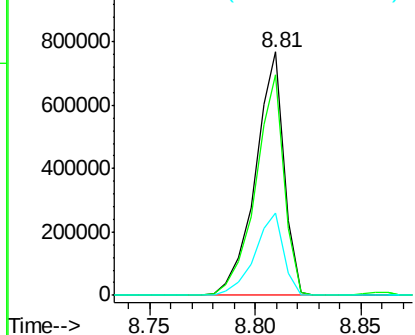
#37
2-Methylnaphthalene
Concen: 39.953 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 726031
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 33.9 26.1 39.1

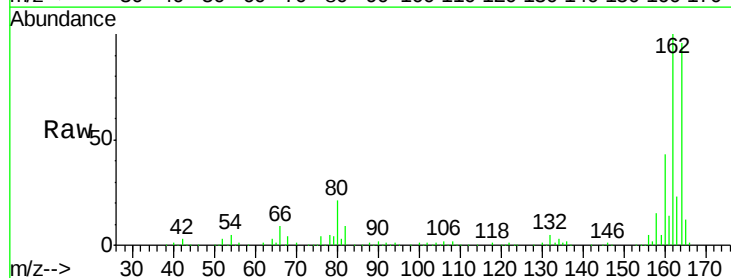


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

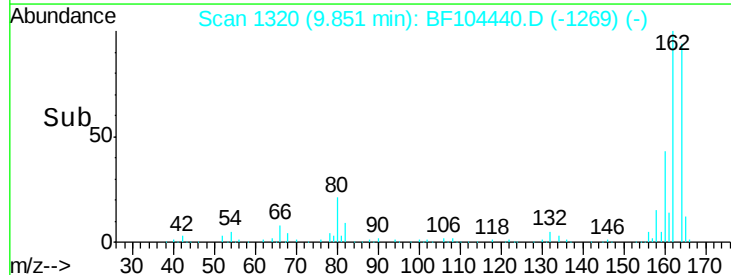
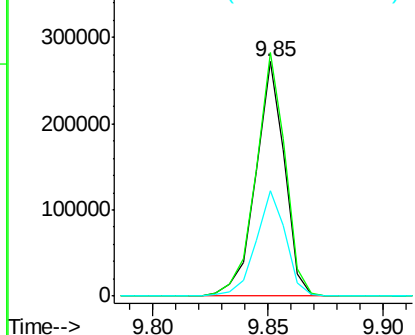


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:164 Resp: 236053
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.1 38.3 57.5



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

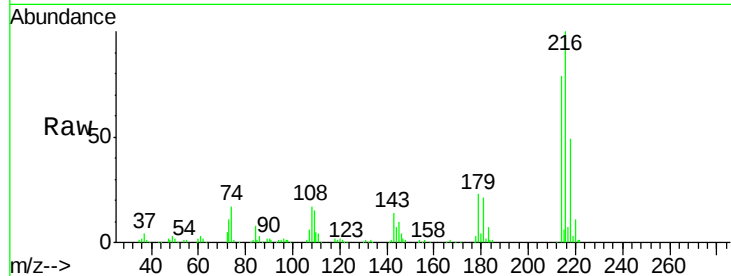




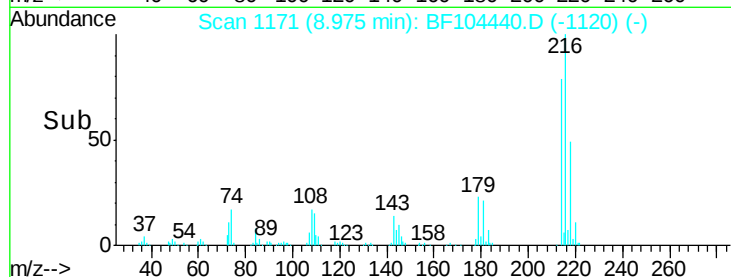
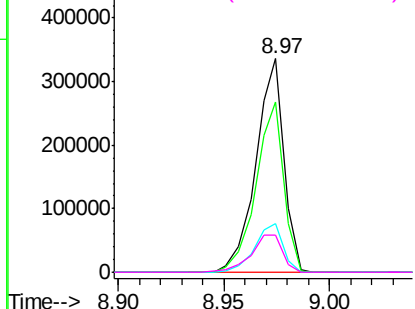
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.865 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	309918
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.8	18.1	27.1
108	19.6	17.2	25.8

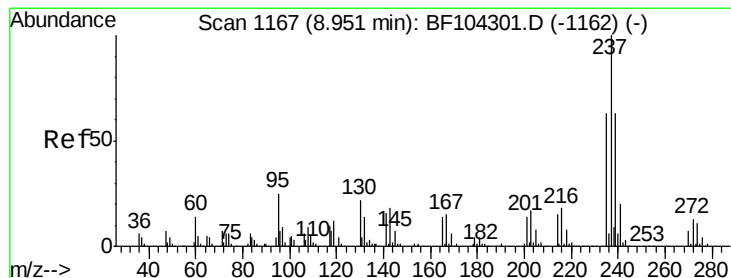


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

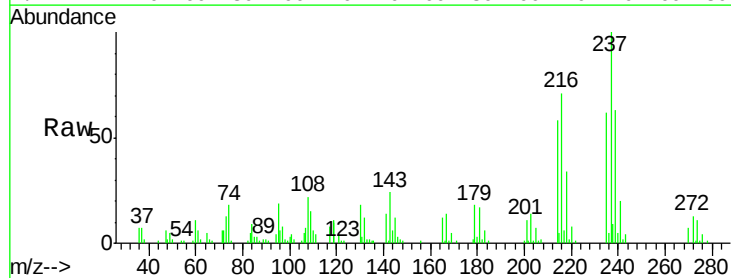
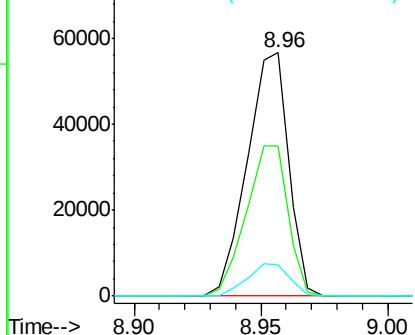


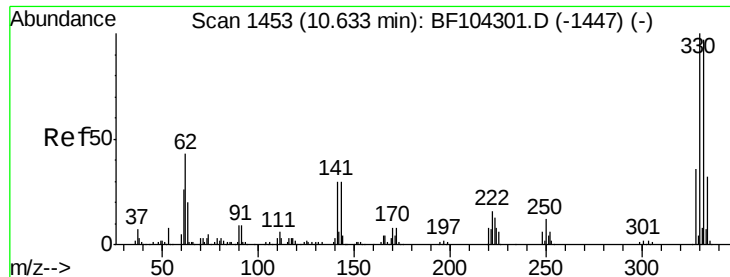
#40
 Hexachlorocyclopentadiene
 Concen: 17.064 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:	237	Resp:	64552
Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	12.6	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 112.112 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

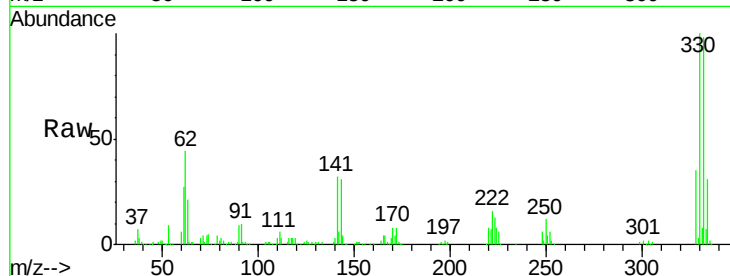
Tot Ion:330 Resp: 274522

Ion Ratio Lower Upper

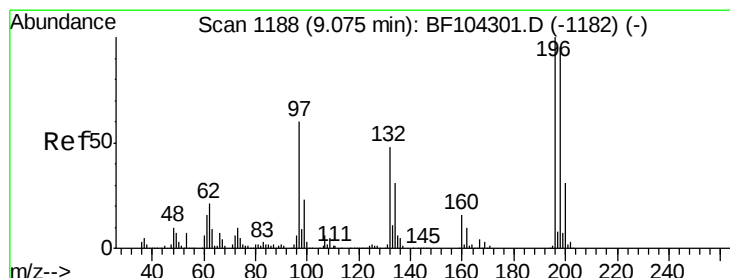
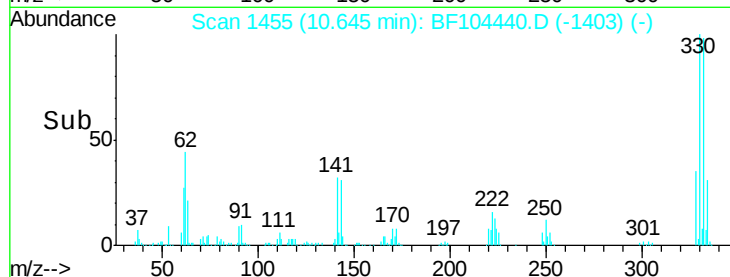
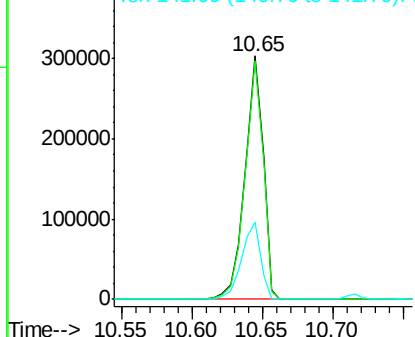
330 100

332 96.9 77.0 115.6

141 33.0 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: 45.900 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

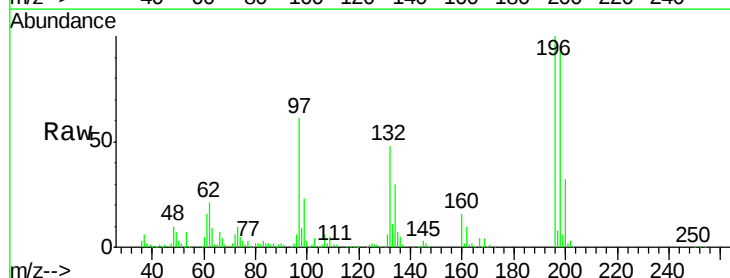
Tgt Ion:196 Resp: 215303

Ion Ratio Lower Upper

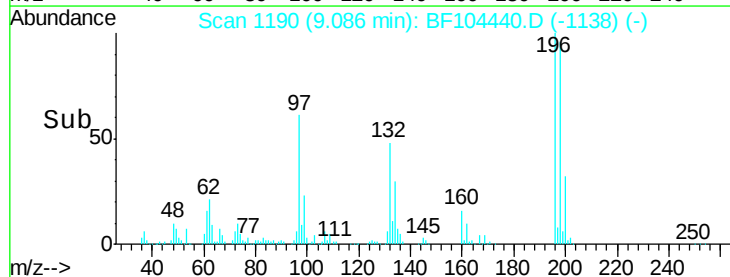
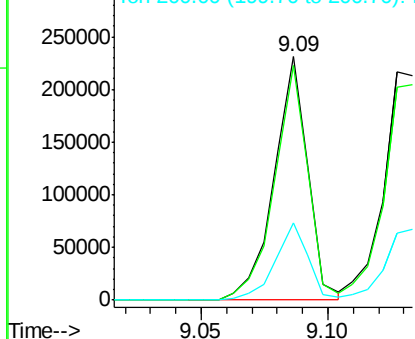
196 100

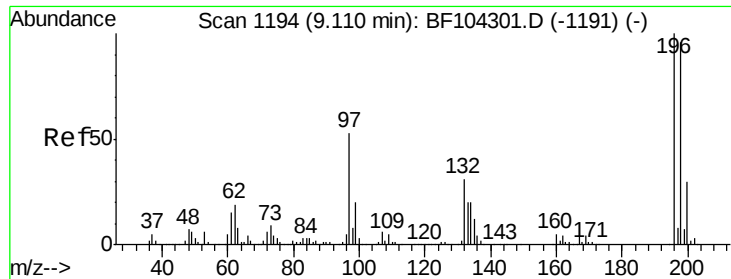
198 96.4 75.7 113.5

200 31.7 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

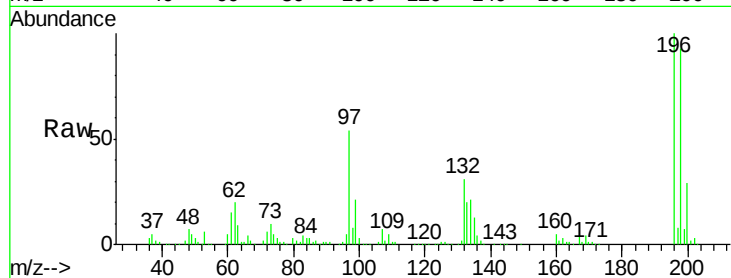




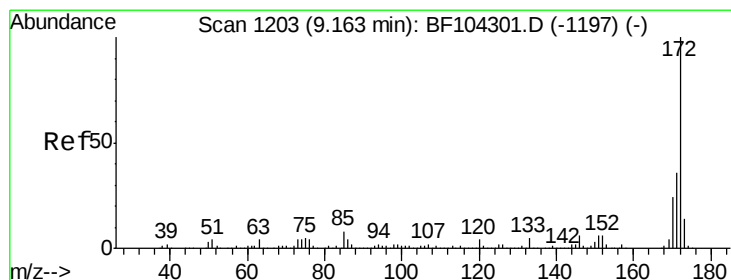
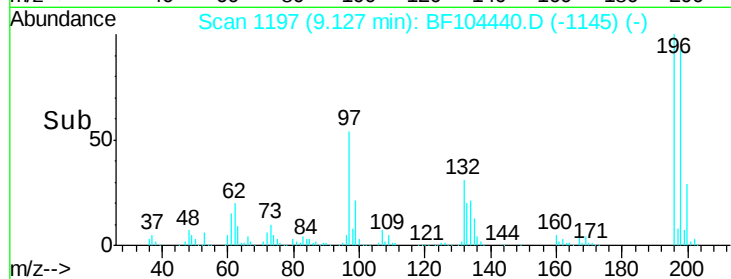
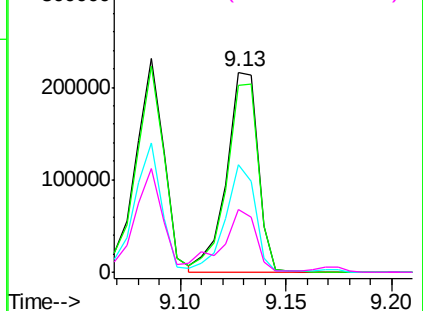
#43
 2,4,5-Trichlorophenol
 Concen: 42.424 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	222686
Ion Ratio	Lower	Upper
196	100	
198	93.5	74.6 112.0
97	54.1	42.9 64.3
132	31.3	26.3 39.5

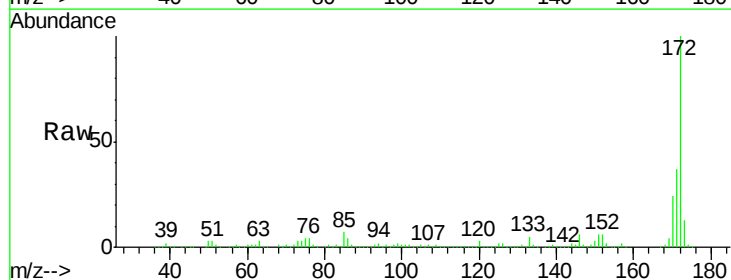


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

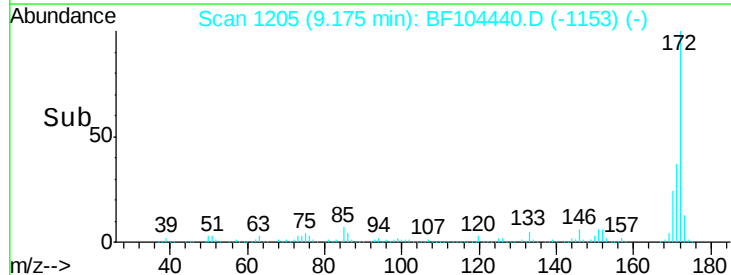
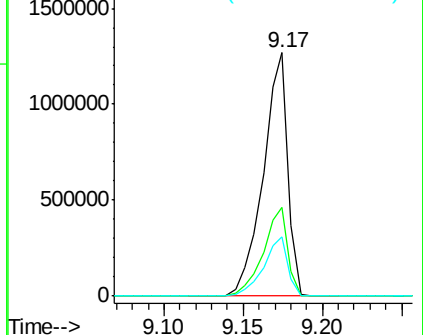


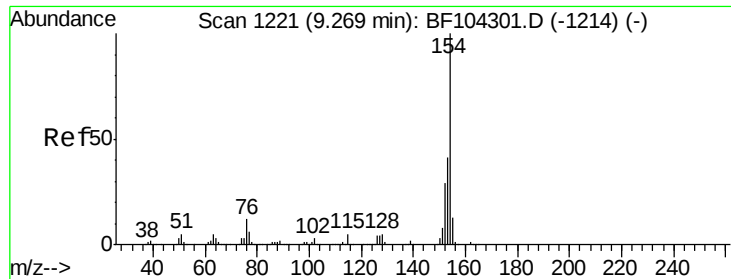
#44
 2-Fluorobiphenyl
 Concen: 91.892 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:172	Resp:	1373086
Ion Ratio	Lower	Upper
172	100	
171	36.6	29.7 44.5
170	24.3	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 42.897 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

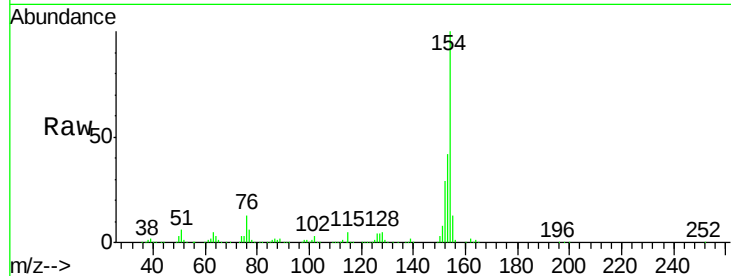
Tot Ion:154 Resp: 850654

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

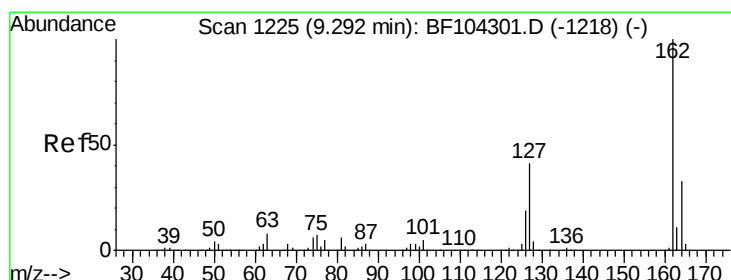
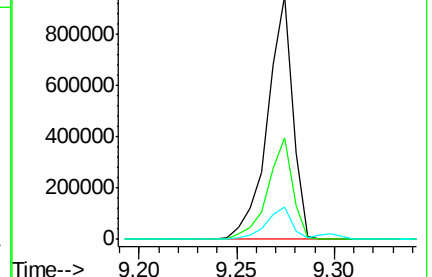
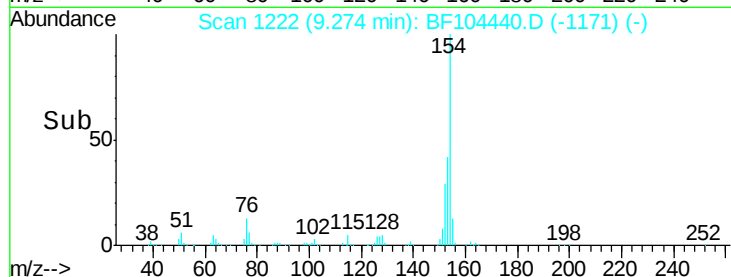
76 13.1 0.0 34.0



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: 42.313 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

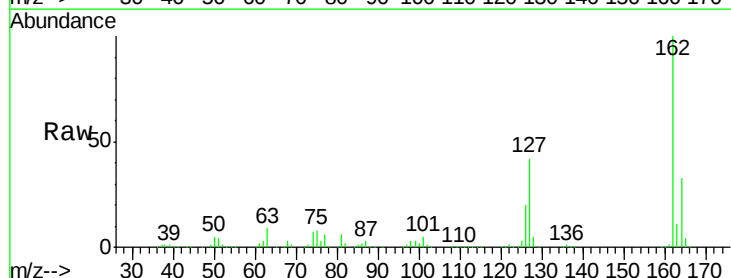
Tgt Ion:162 Resp: 662762

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

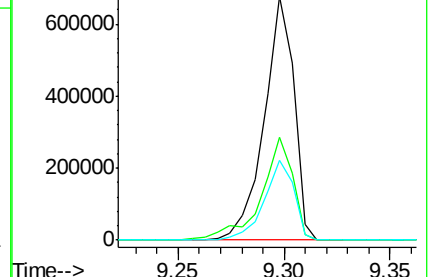
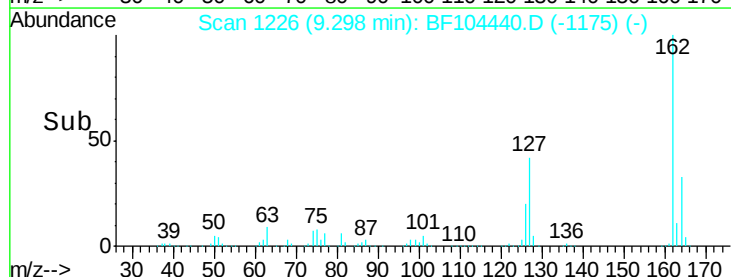
164 33.0 26.5 39.7

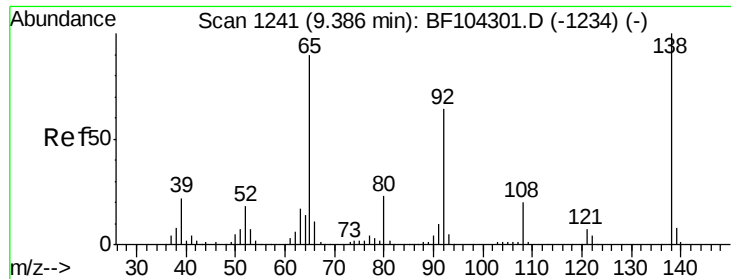


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

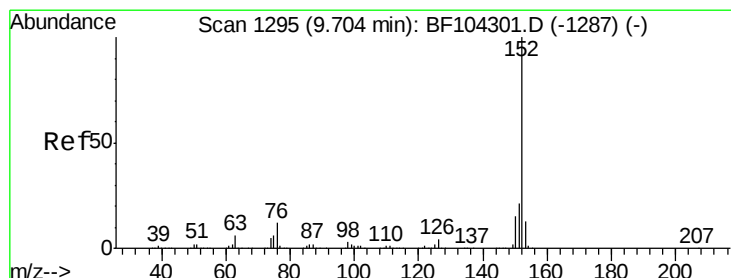
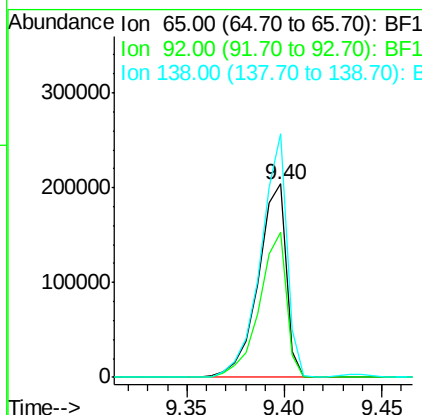
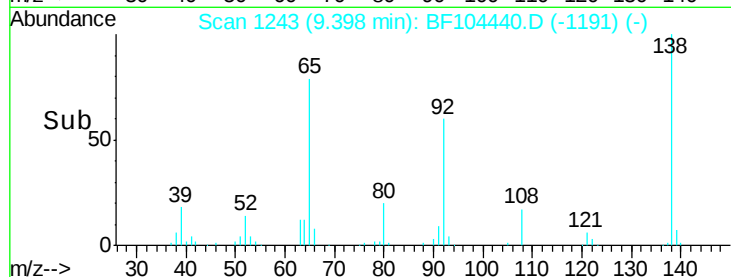
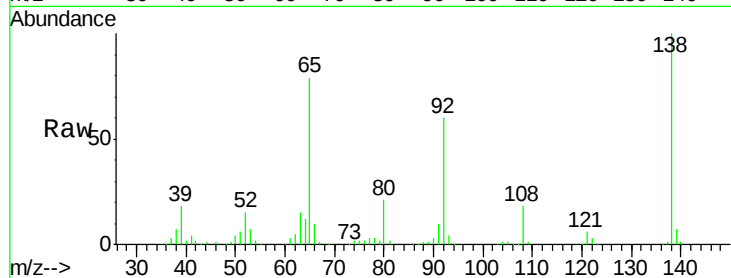




#47
 2-Nitroaniline
 Concen: 52.329 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

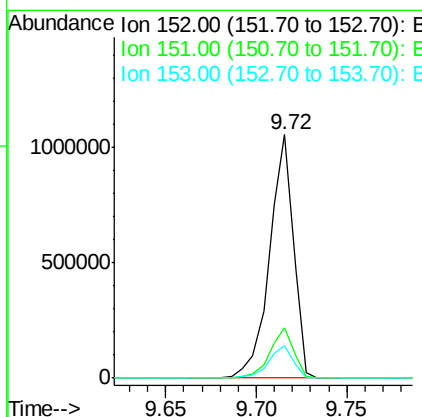
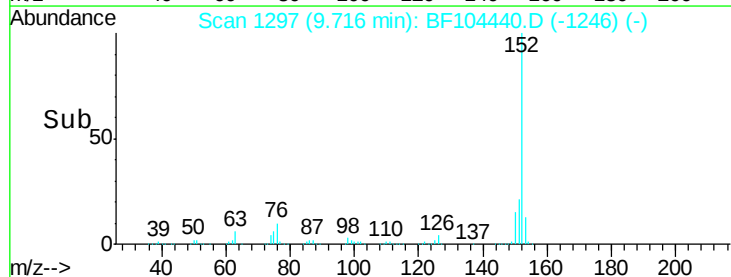
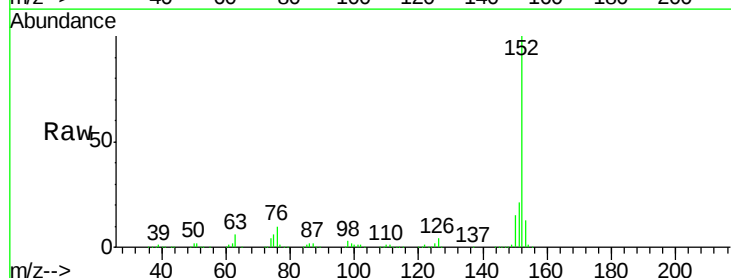
Instrument :
 BNA_F
 ClientSampleId :

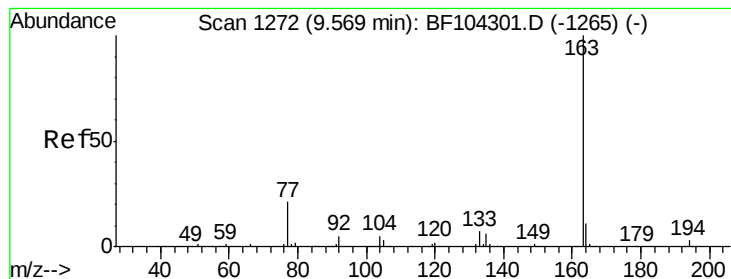
Tot Ion: 65 Resp: 202696
 Ion Ratio Lower Upper
 65 100
 92 75.3 55.8 83.6
 138 126.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.288 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion: 152 Resp: 965506
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 43.238 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

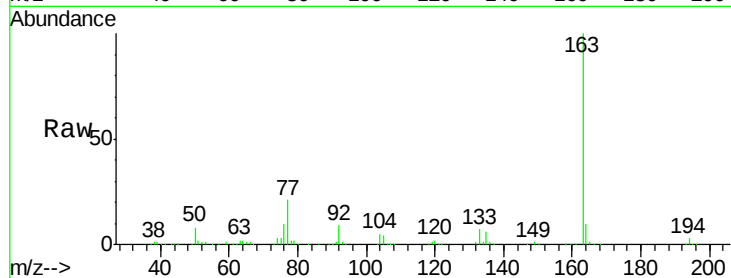
Tot Ion:163 Resp: 804854

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

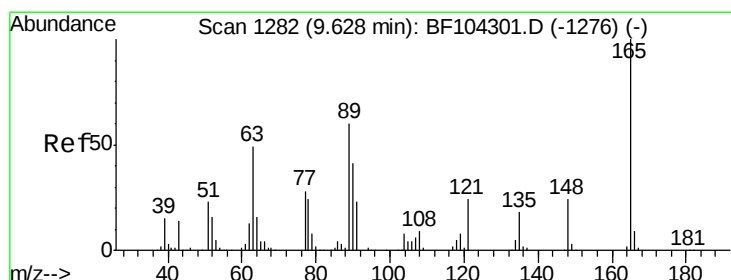
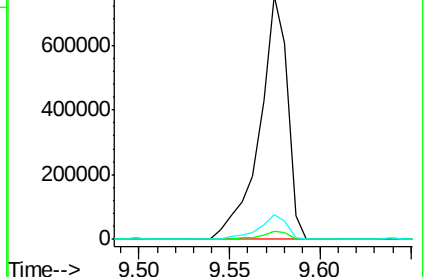
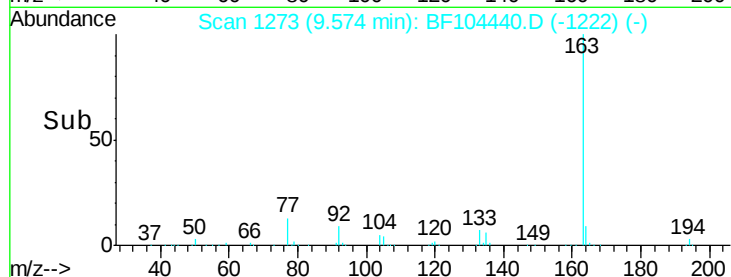
164 10.2 8.2 12.2



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: 48.366 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

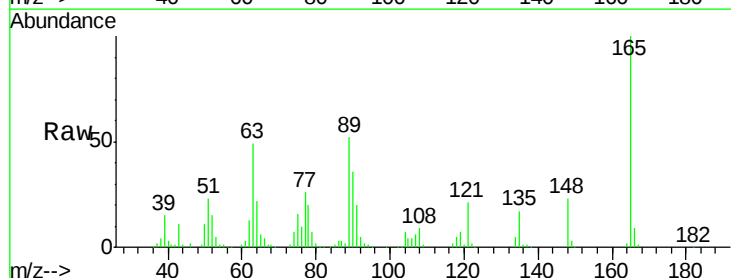
Tgt Ion:165 Resp: 166593

Ion Ratio Lower Upper

165 100

63 49.4 44.7 67.1

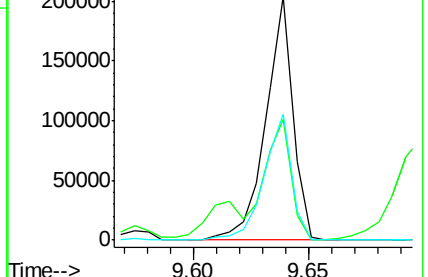
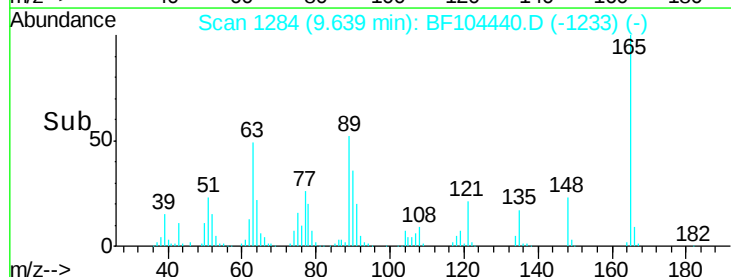
89 51.7 44.0 66.0

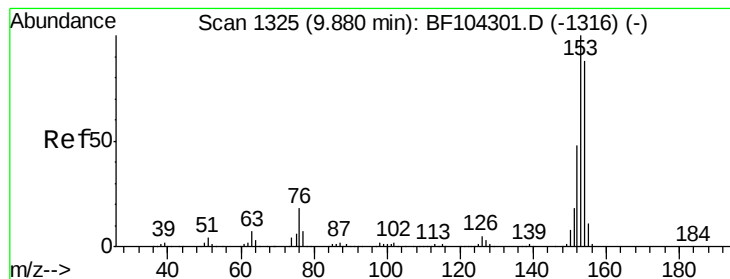


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.899 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

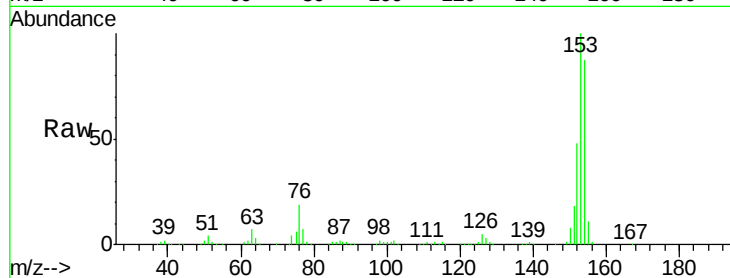
Tot Ion:154 Resp: 568269

Ion Ratio Lower Upper

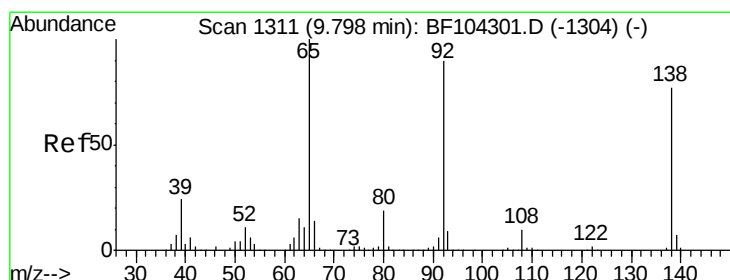
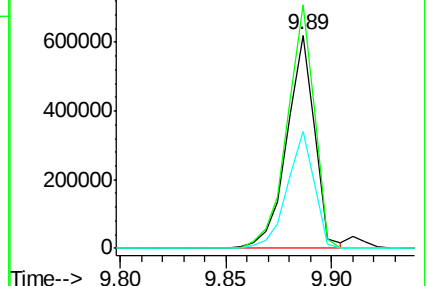
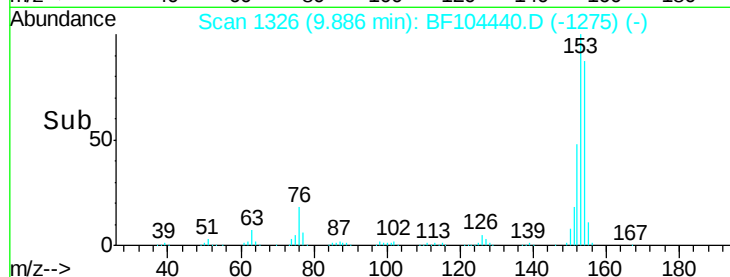
154 100

153 114.3 91.2 136.8

152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.557 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

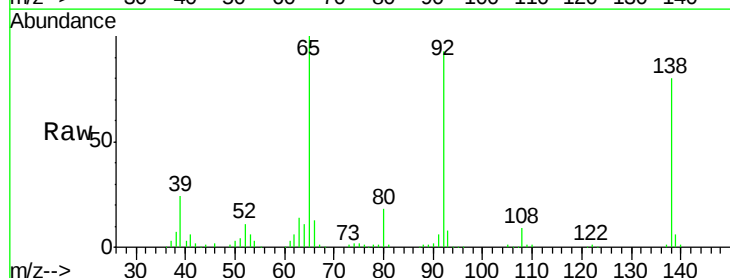
Tgt Ion:138 Resp: 151444

Ion Ratio Lower Upper

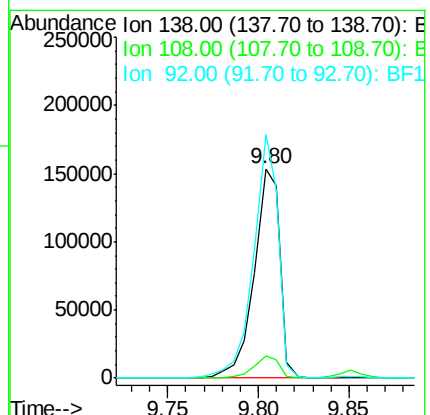
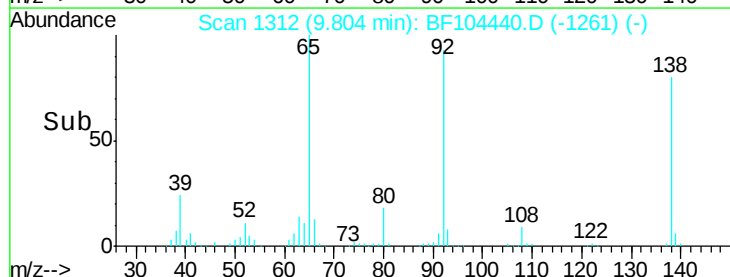
138 100

108 10.9 9.4 14.0

92 116.5 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

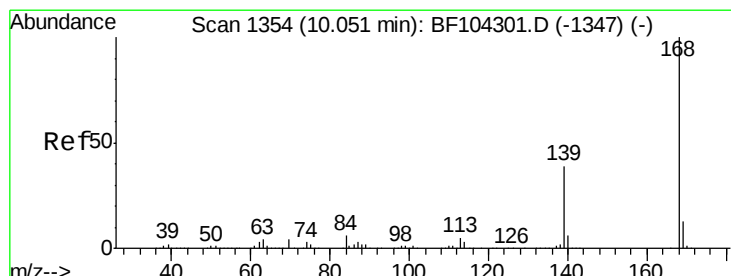
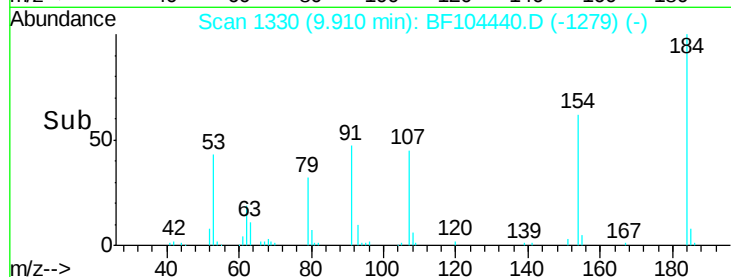
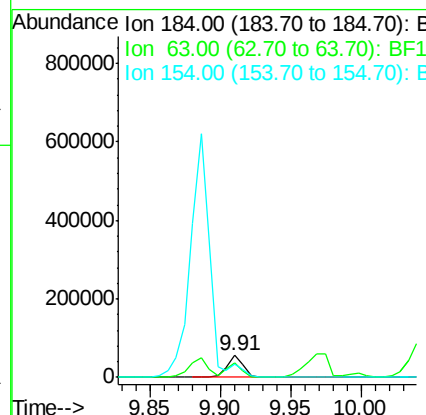
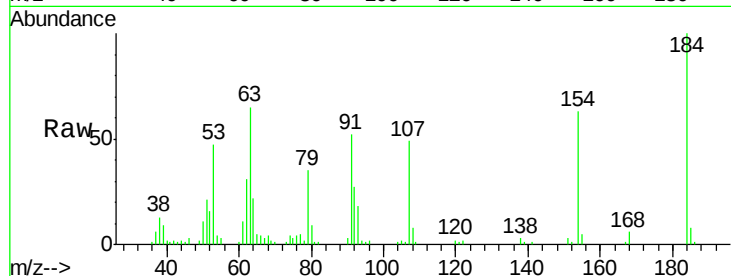




#53
 2,4-Dinitrophenol
 Concen: 43.115 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

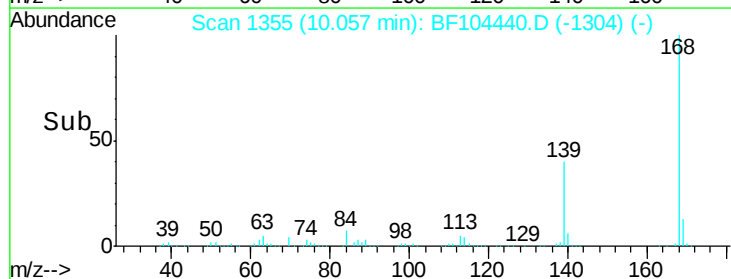
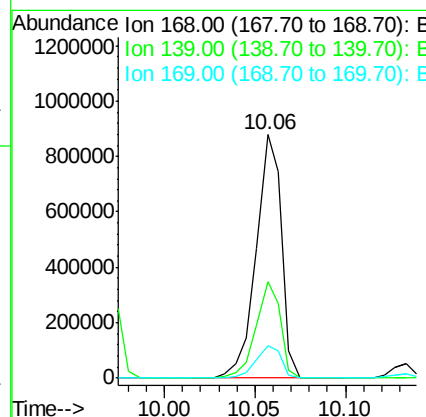
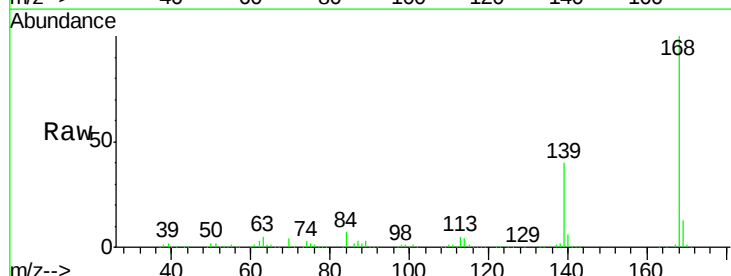
Instrument :
 BNA_F
 ClientSampled :

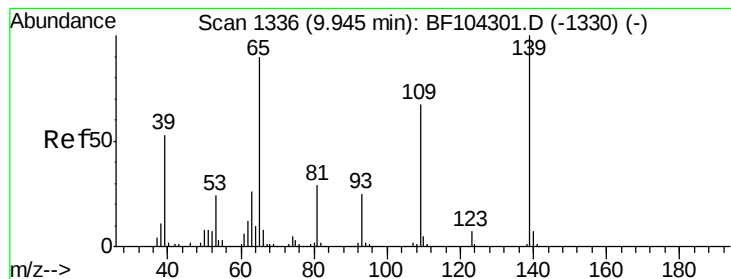
Tot Ion:184 Resp: 46793
 Ion Ratio Lower Upper
 184 100
 63 65.2 54.2 81.2
 154 62.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.652 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:168 Resp: 849461
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 85.696 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

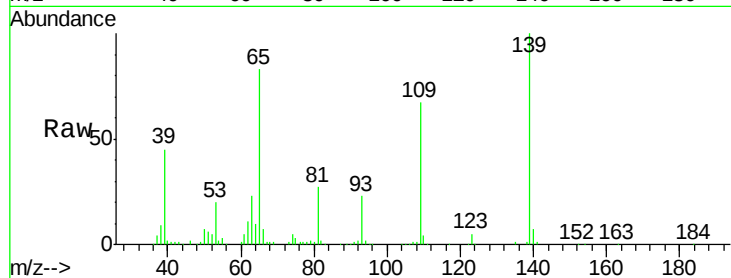
Tot Ion:139 Resp: 271449

Ion Ratio Lower Upper

139 100

109 66.8 48.4 88.4

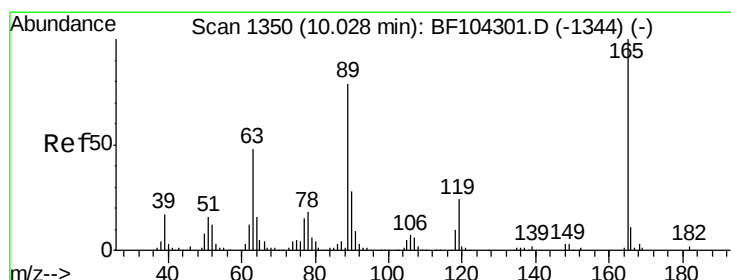
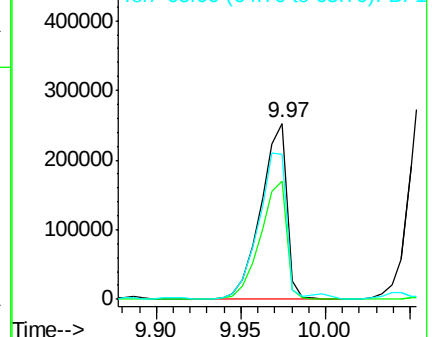
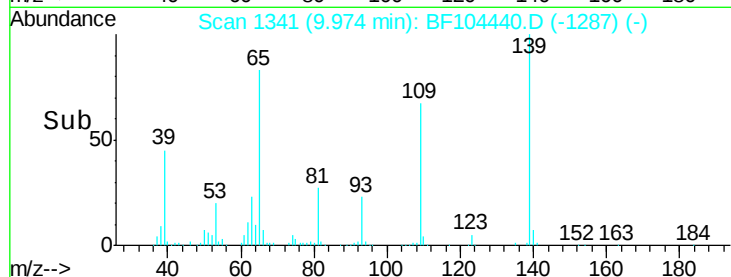
65 82.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 46.283 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion:165 Resp: 209112

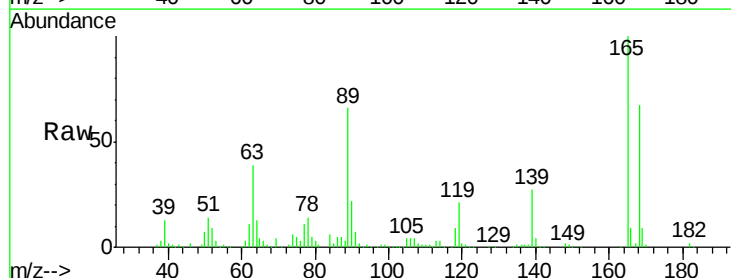
Ion Ratio Lower Upper

165 100

63 39.2 36.4 54.6

89 65.7 57.8 86.6

182 2.5 1.6 2.4#

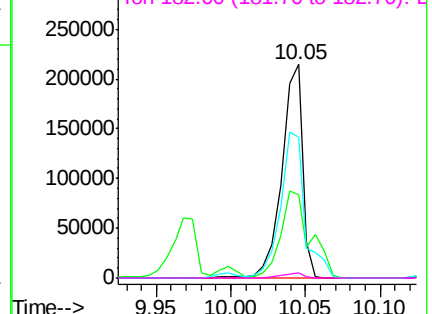
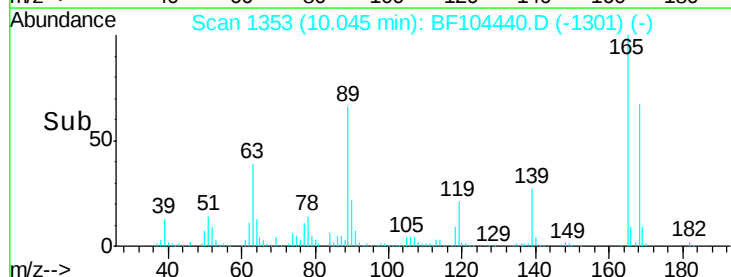


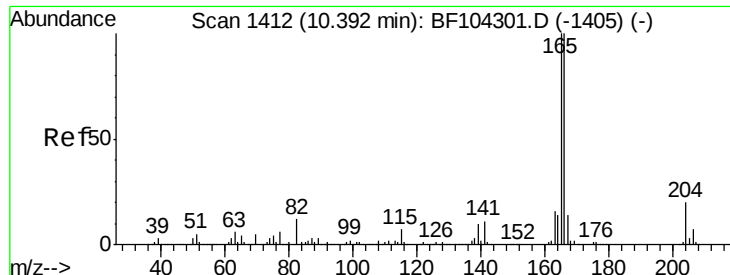
Abundance Ion 165.00 (164.70 to 165.70): E

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

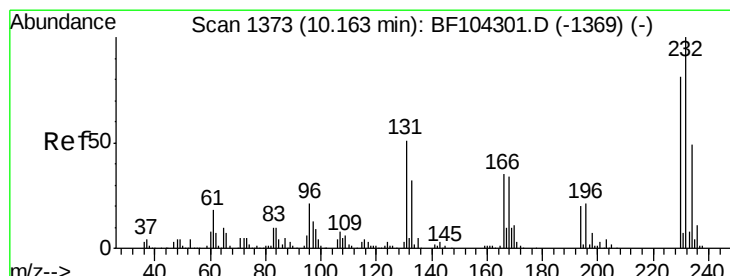
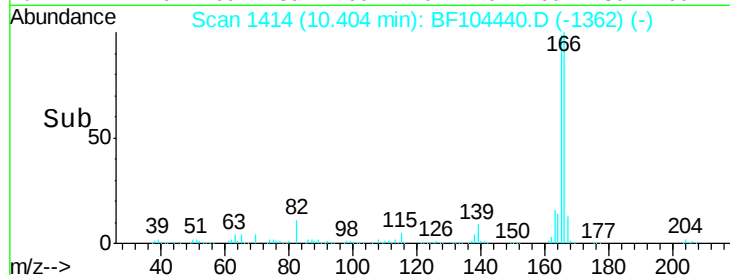
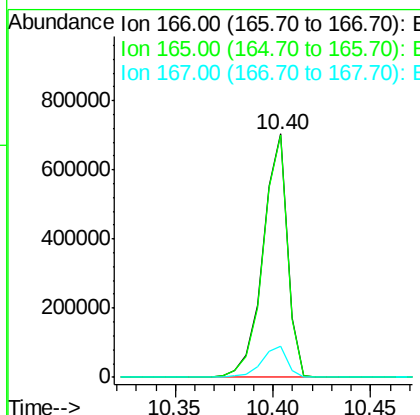
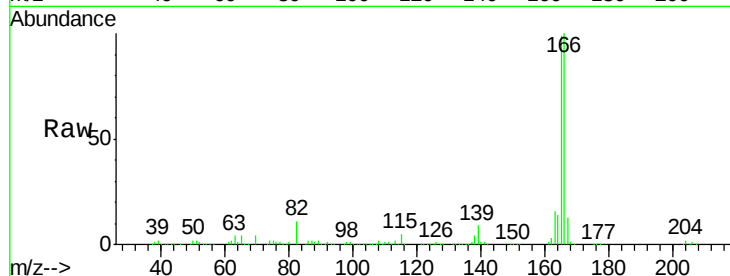




#57
 Fluorene
 Concen: 40.155 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

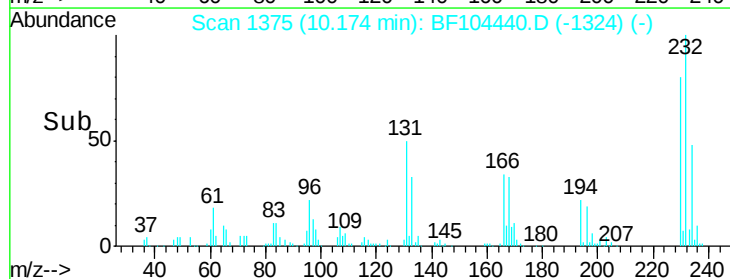
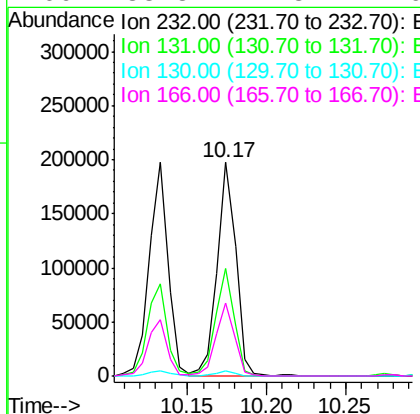
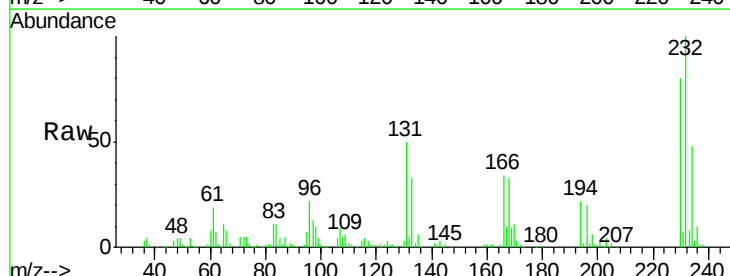
Instrument :
 BNA_F
 ClientSampleId :

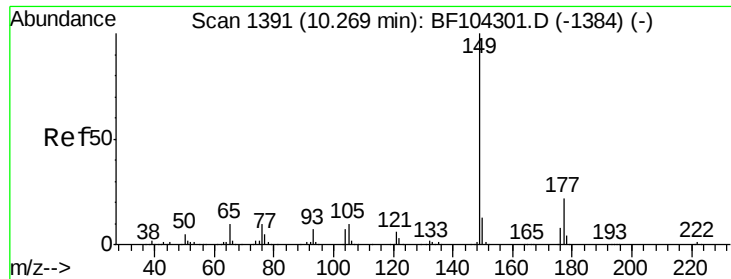
Tot Ion:166 Resp: 610736
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.411 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:232 Resp: 162167
 Ion Ratio Lower Upper
 232 100
 131 49.9 43.8 65.8
 130 2.4 2.1 3.1
 166 33.8 27.8 41.6

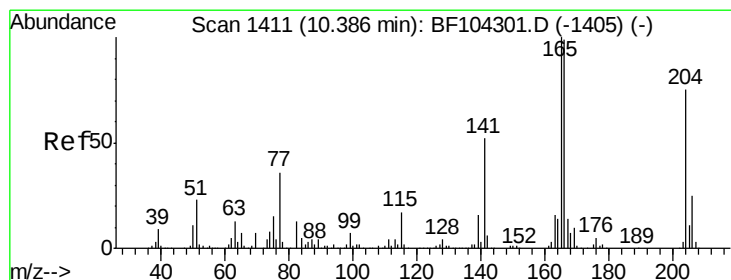
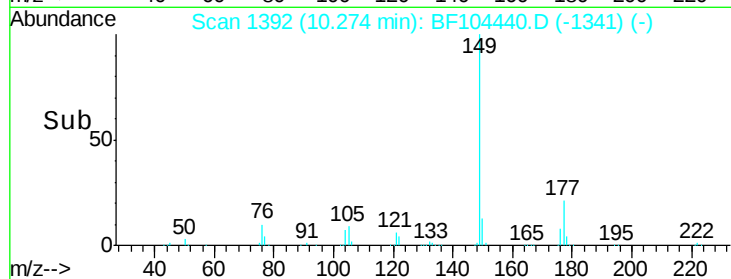
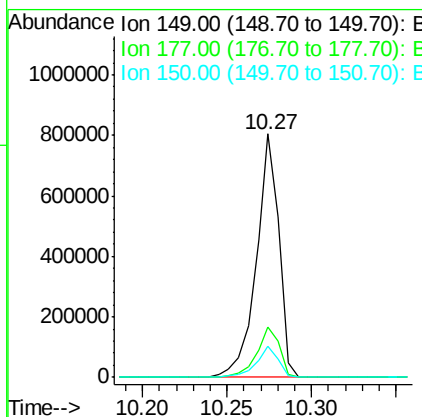
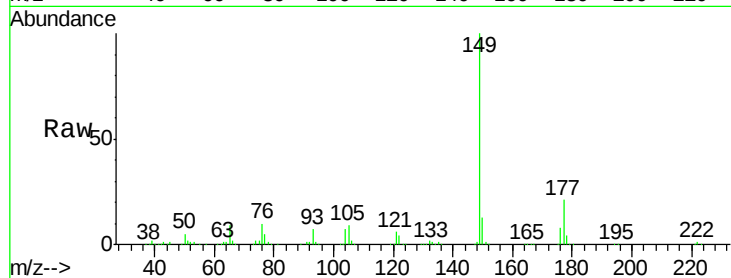




#59
Diethylphthalate
Concen: 40.264 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

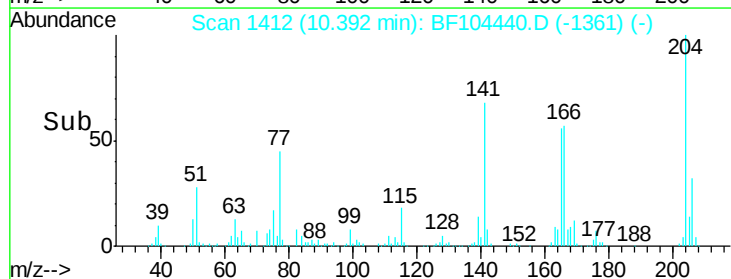
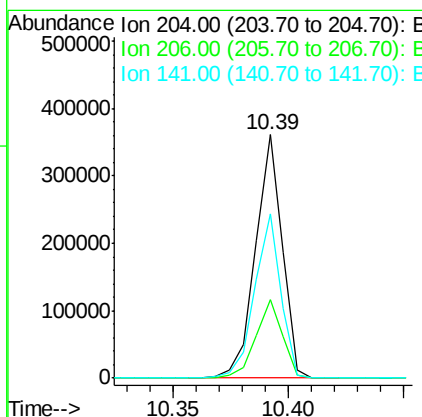
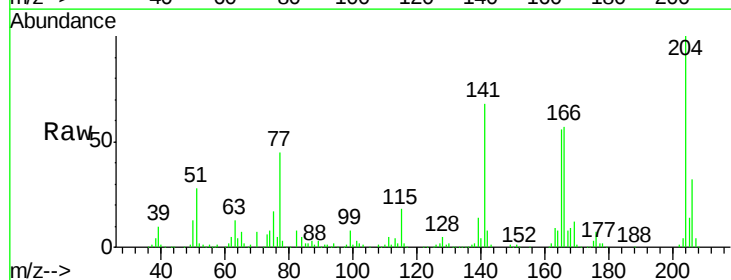
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 746448
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.085 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:204 Resp: 291837
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 67.6 54.6 81.8





#61

4-Nitroaniline

Concen: 41.207 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

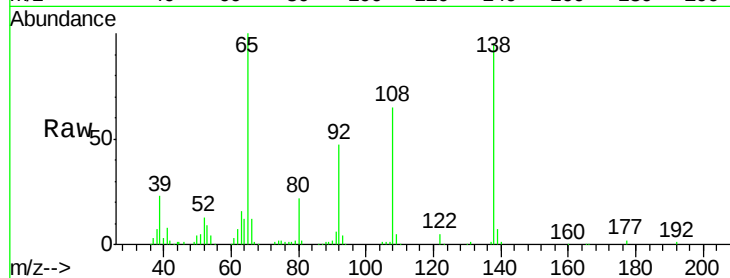
Tot Ion:138 Resp: 162469

Ion Ratio Lower Upper

138 100

92 50.1 30.2 70.2

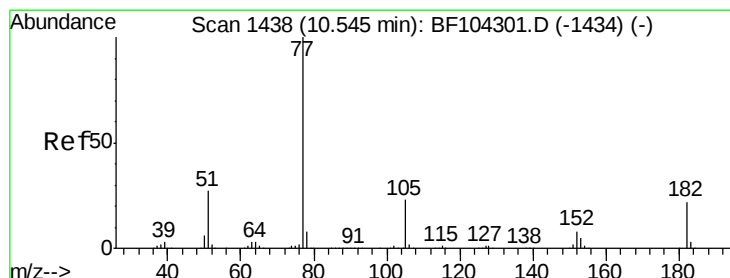
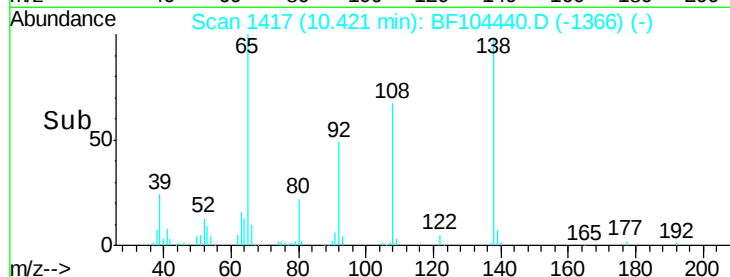
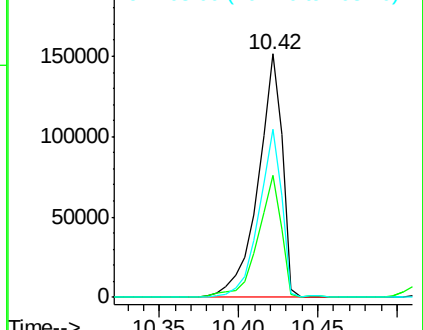
108 69.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.241 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Tgt Ion: 77 Resp: 659605

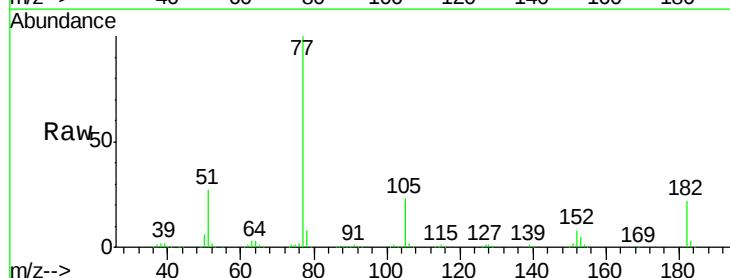
Ion Ratio Lower Upper

77 100

182 22.2 1.7 41.7

105 23.4 3.0 43.0

51 26.5 9.9 49.9

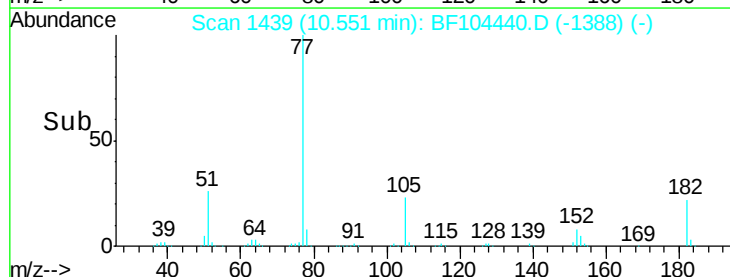
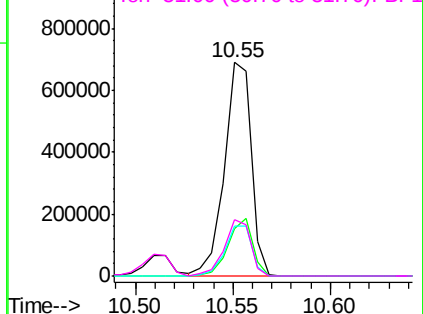


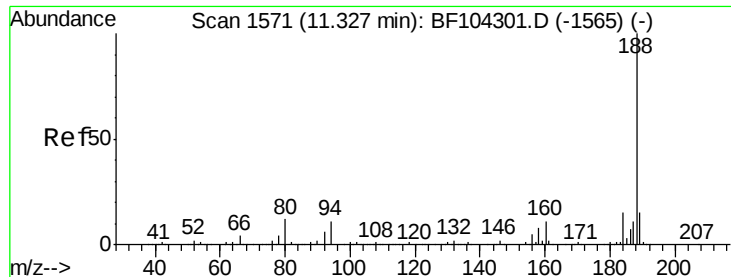
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

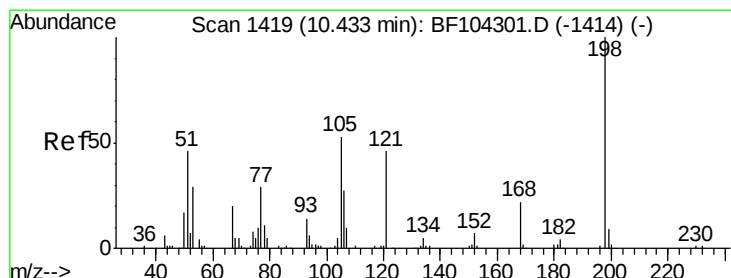
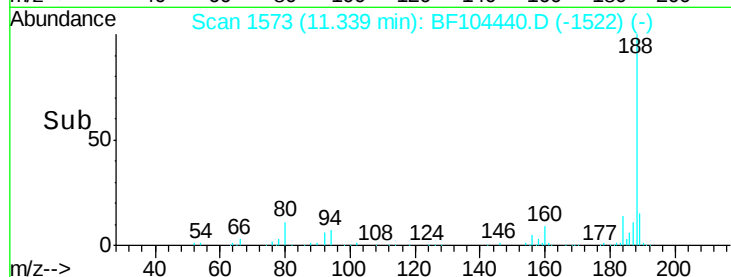
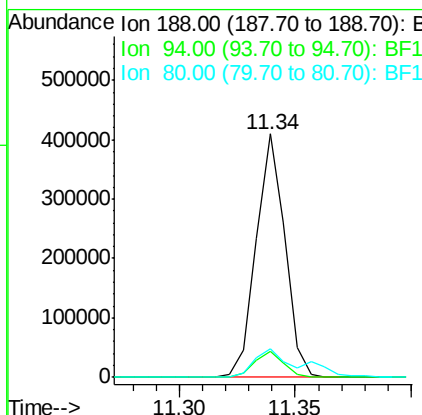
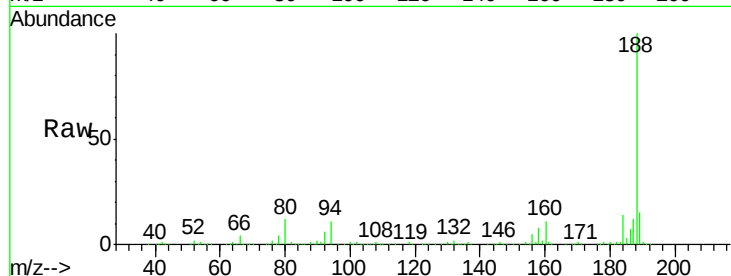




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

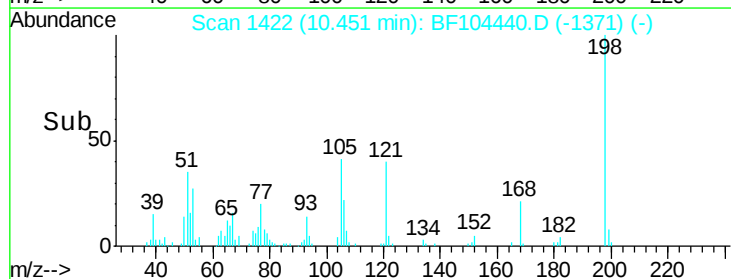
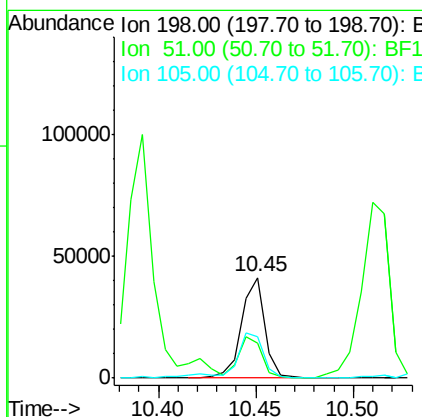
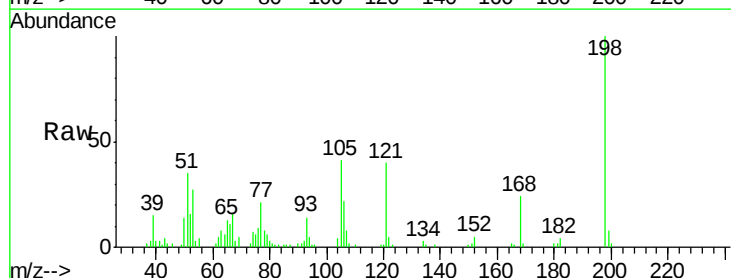
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 357929
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.041 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:198 Resp: 34359
Ion Ratio Lower Upper
198 100
51 34.7 37.7 77.7#
105 40.8 36.3 76.3

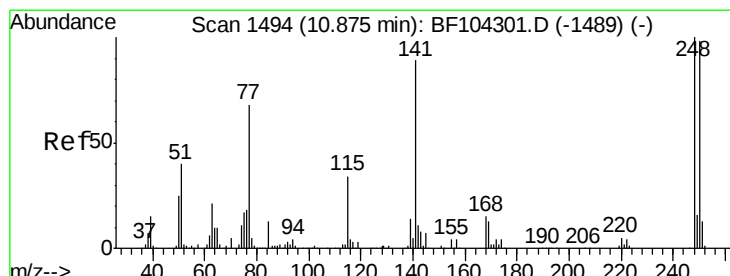
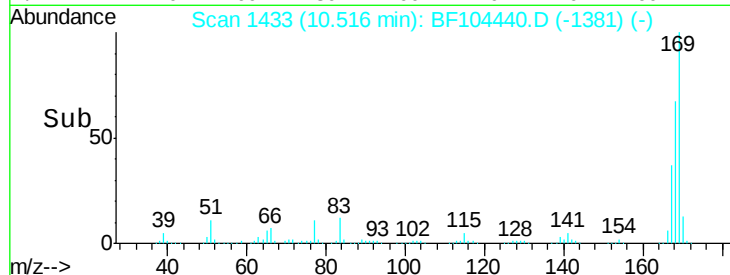
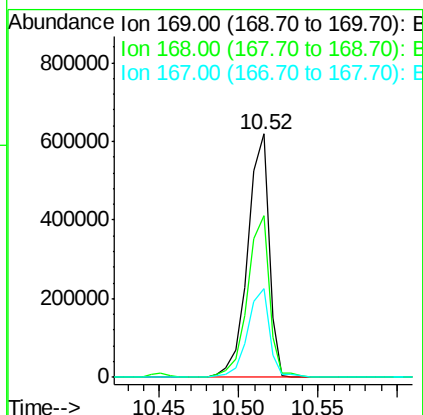
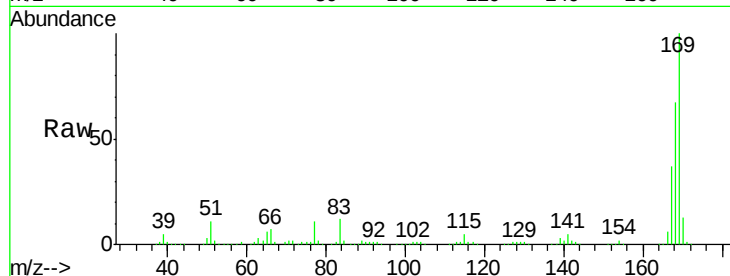




#65
 n-Nitrosodiphenylamine
 Concen: 46.601 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

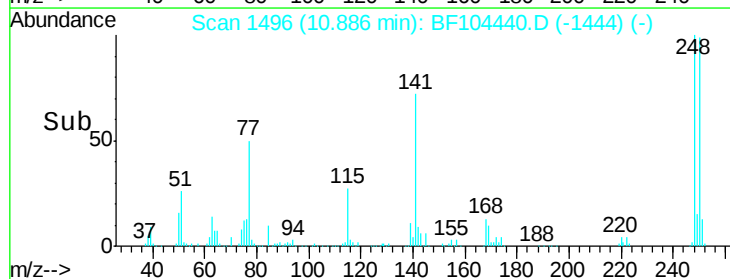
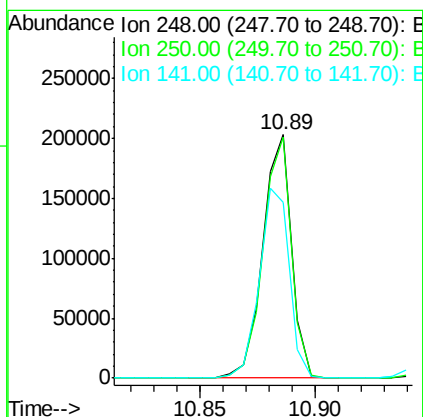
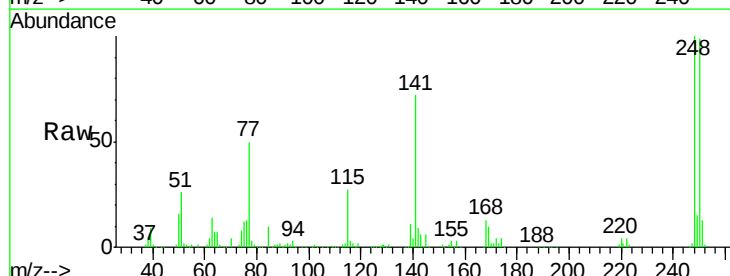
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 578333
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.312 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:248 Resp: 176320
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.9 115.3
 141 72.2 74.4 111.6#

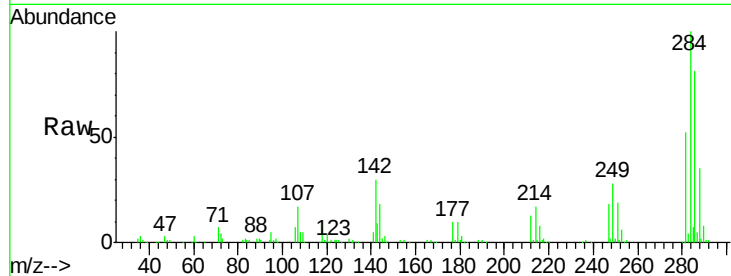




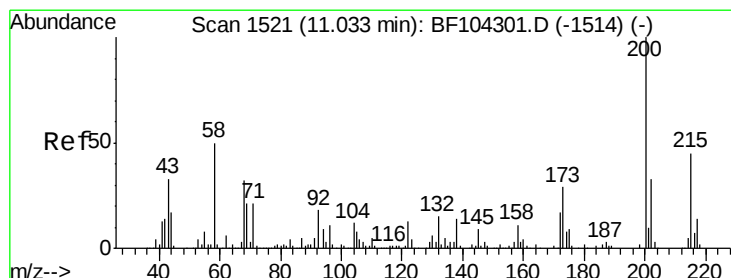
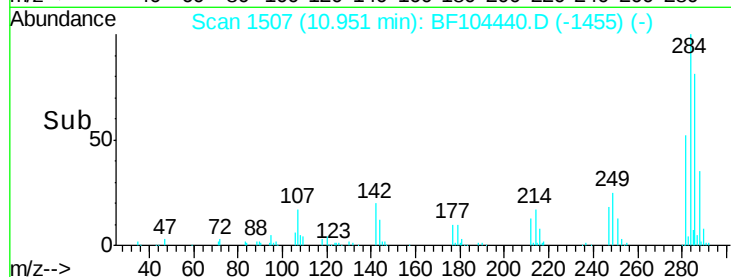
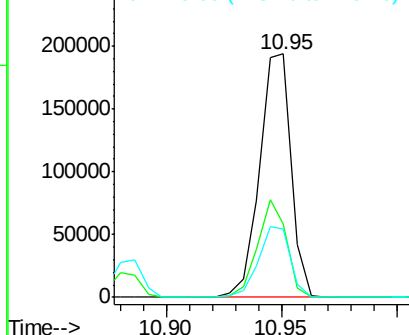
#67
Hexachlorobenzene
Concen: 43.207 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 185094
Ion Ratio Lower Upper
284 100
142 29.9 34.6 52.0#
249 28.3 24.8 37.2

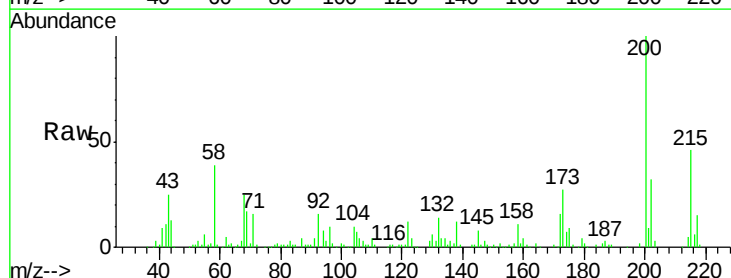


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

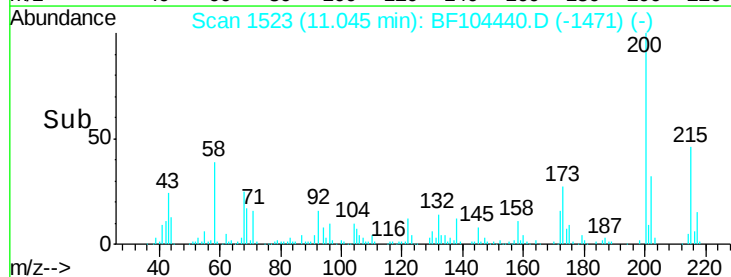
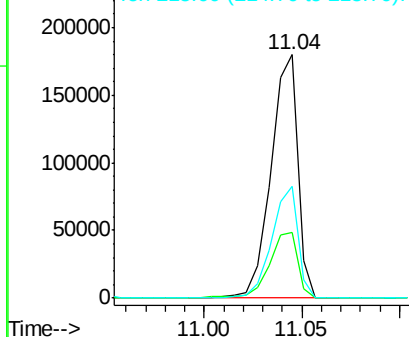


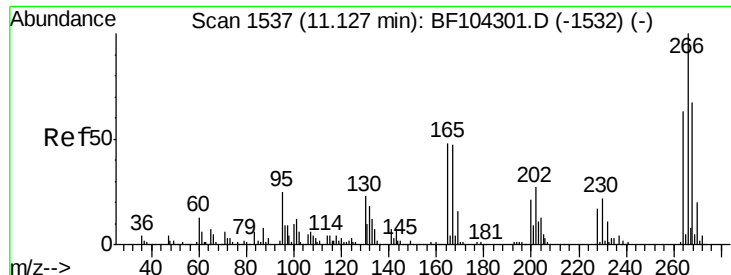
#68
Atrazine
Concen: 45.766 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:200 Resp: 171439
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 45.9 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

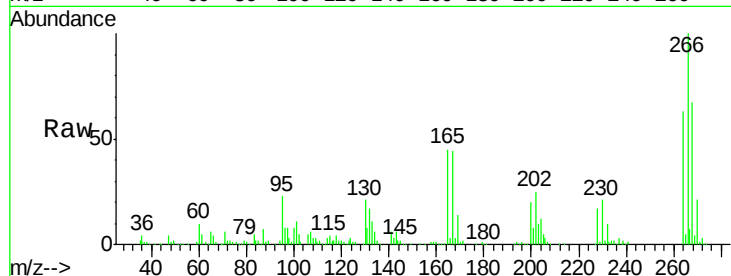




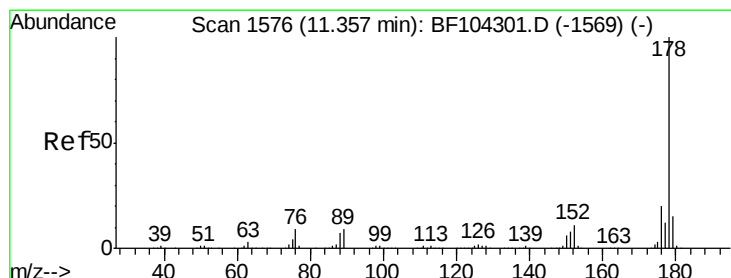
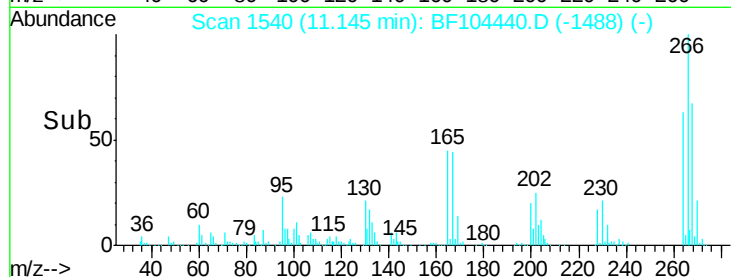
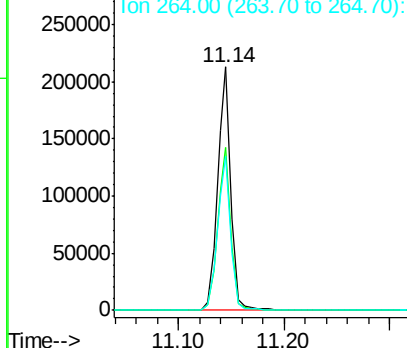
#69
 Pentachlorophenol
 Concen: 71.437 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 189326
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 63.1 49.5 74.3

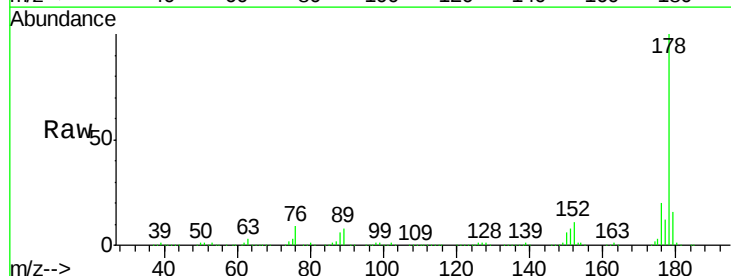


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

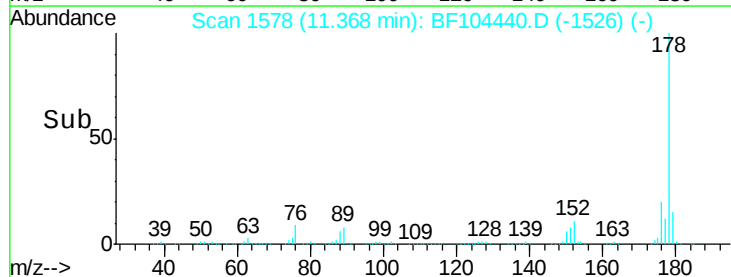
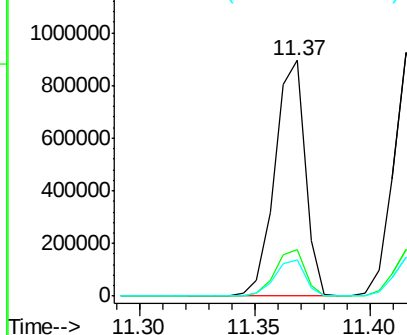


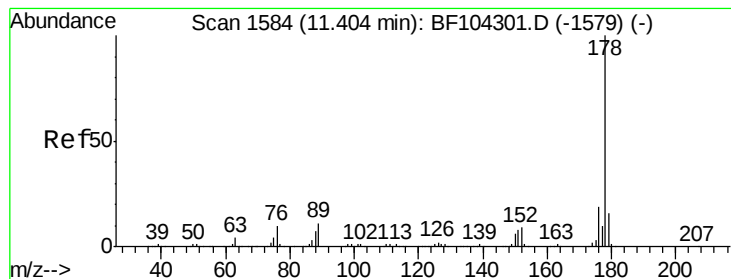
#70
 Phenanthrene
 Concen: 40.845 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:178 Resp: 814156
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 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: 41.594 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

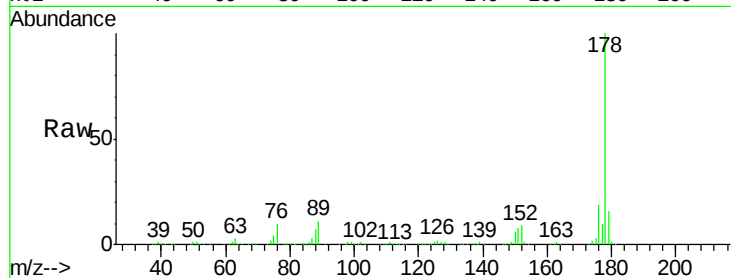
Tot Ion:178 Resp: 842781

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

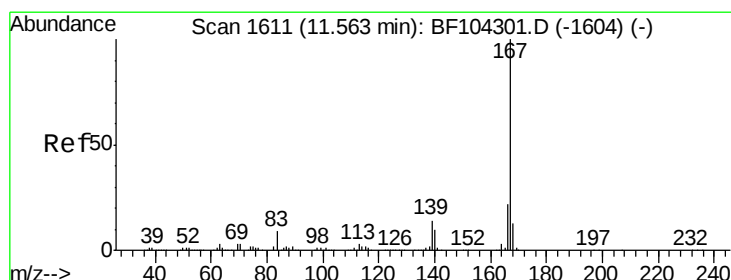
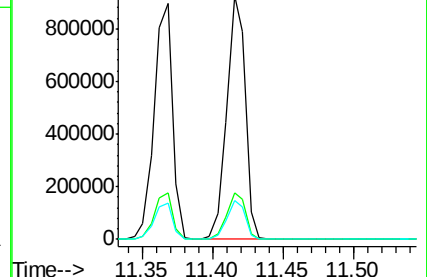
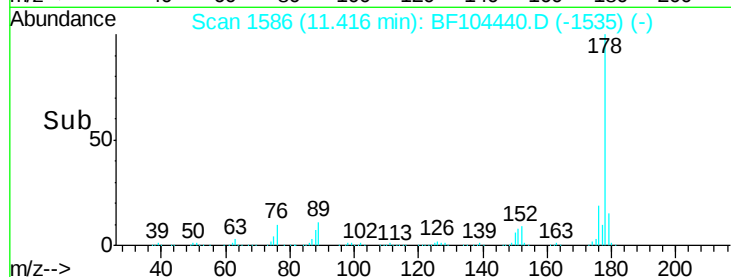
179 15.8 12.6 19.0



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: 38.952 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

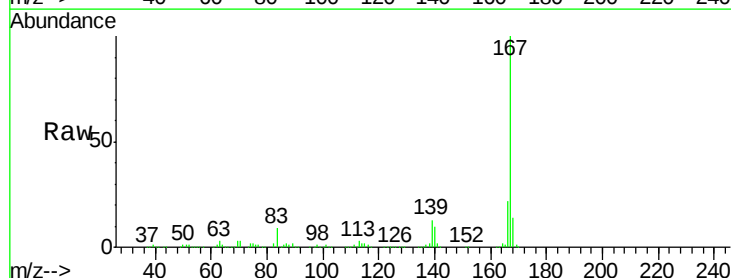
Tgt Ion:167 Resp: 771234

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

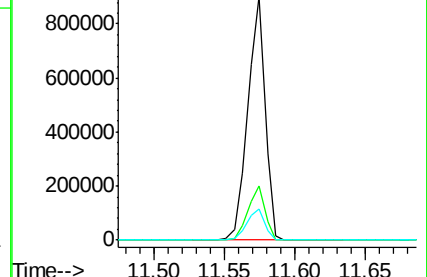
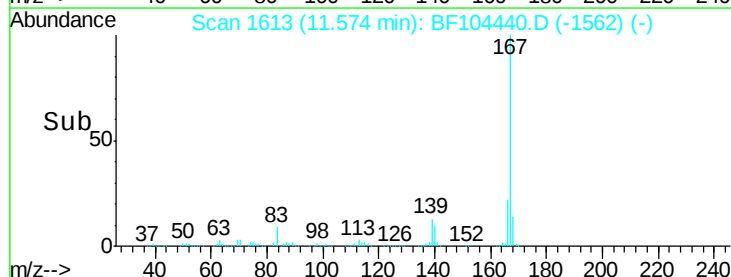
139 13.0 10.9 16.3

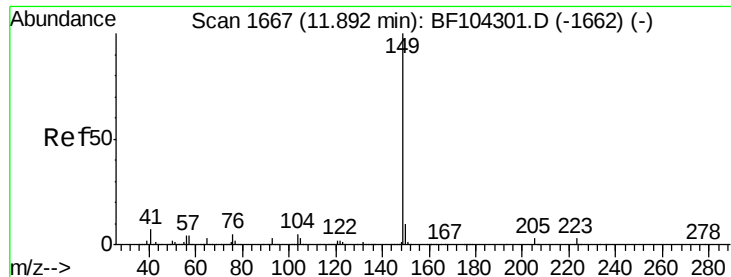


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.198 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

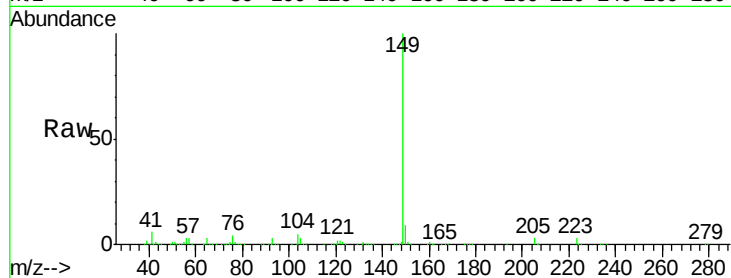
Tot Ion:149 Resp: 1020612

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

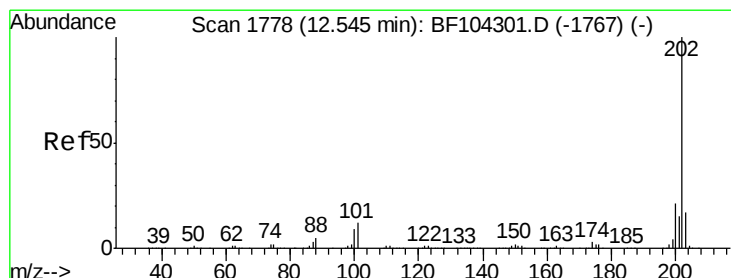
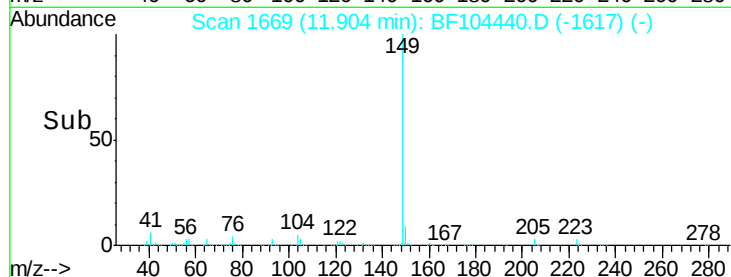
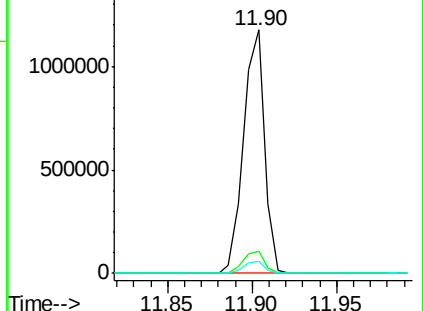
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.021 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

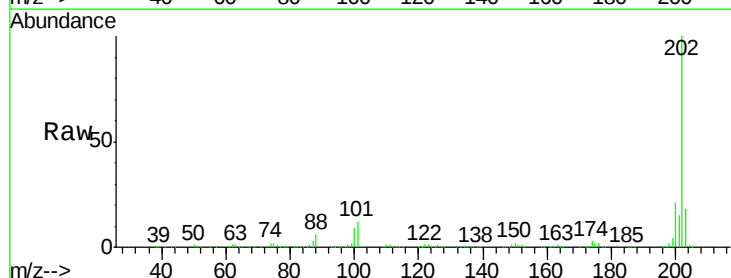
Tgt Ion:202 Resp: 791817

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

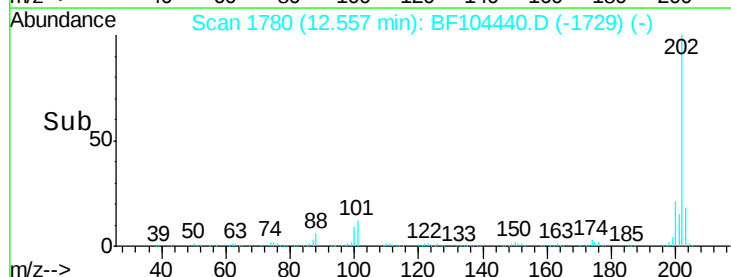
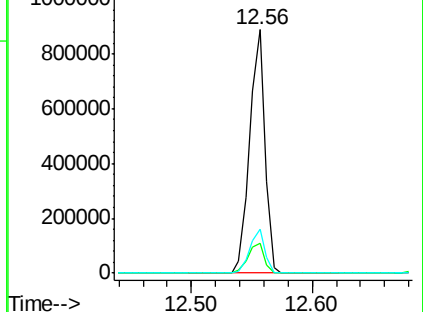
203 17.8 0.0 38.1

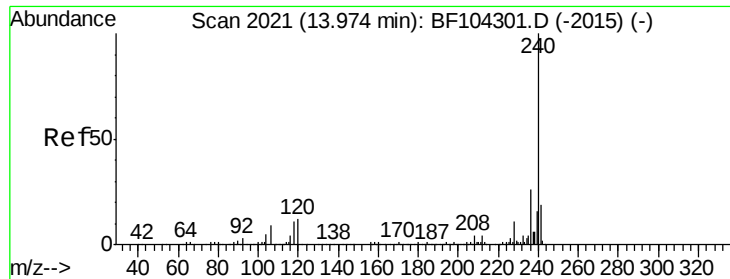


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

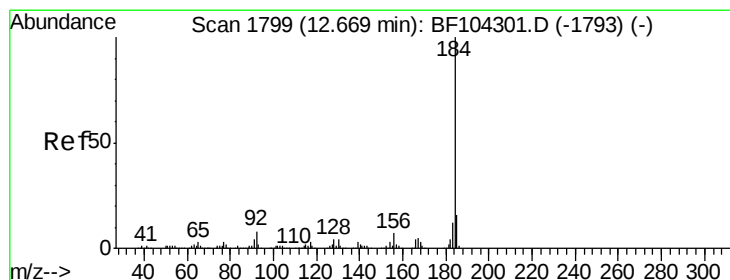
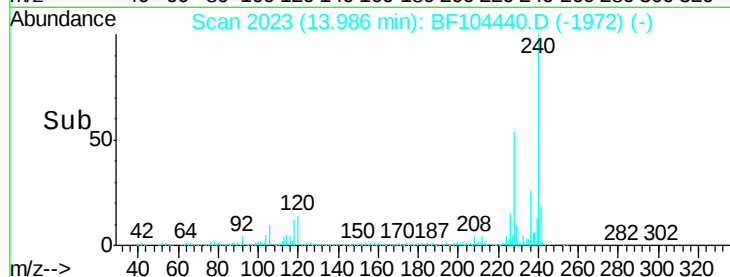
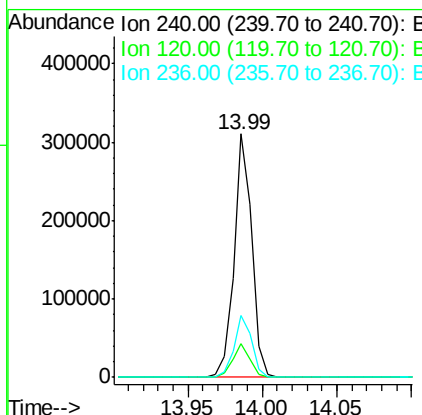
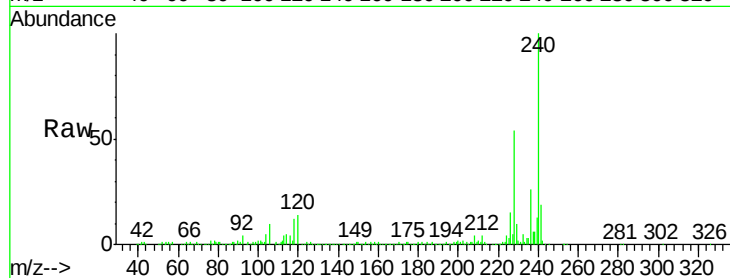




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

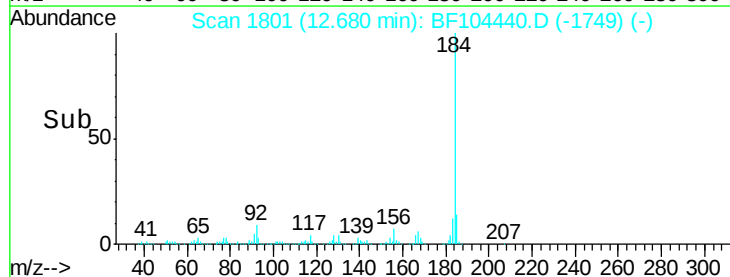
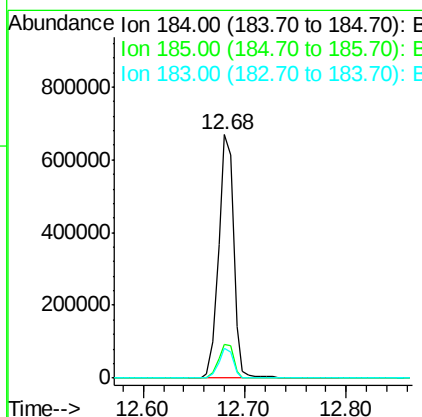
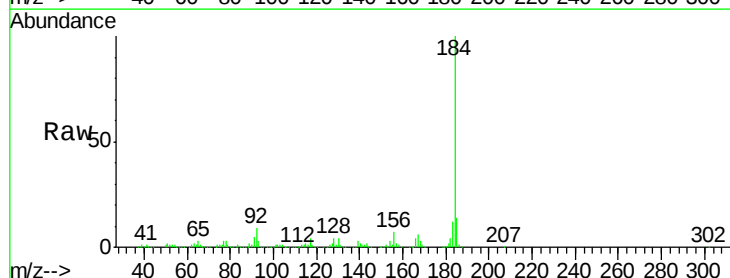
Instrument :
BNA_F
ClientSampleId :

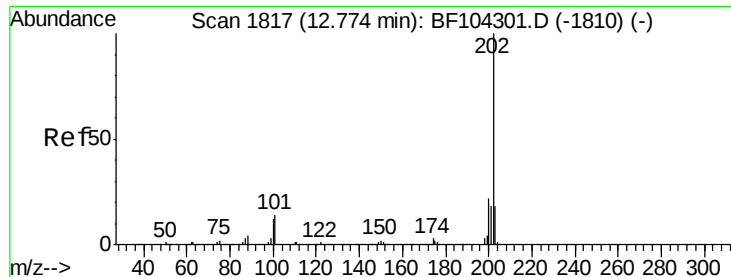
Tot Ion:240 Resp: 259293
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.6 20.7 31.1



#76
Benzidine
Concen: Below Cal
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:184 Resp: 694260
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 12.0 9.3 13.9





#77

Pvrene

Concen: 40.908 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

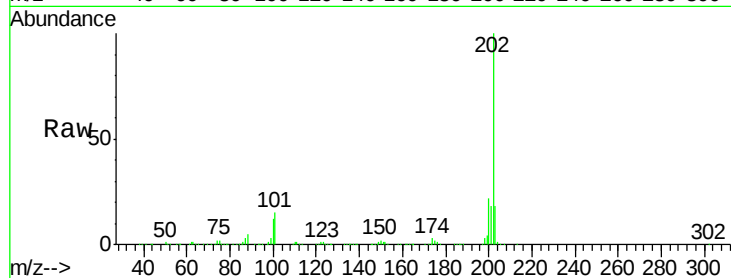
Tot Ion:202 Resp: 786230

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

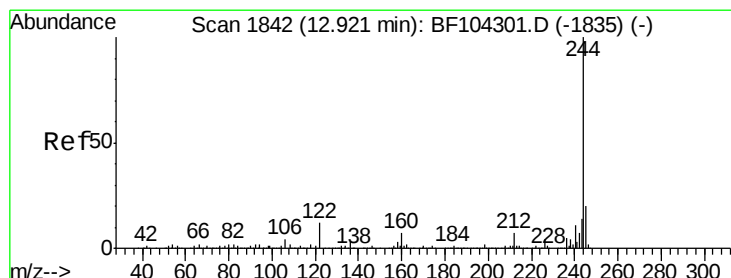
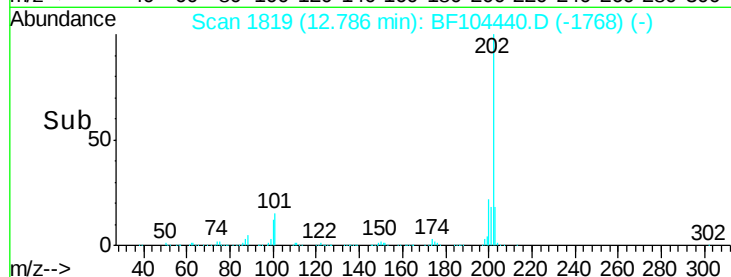
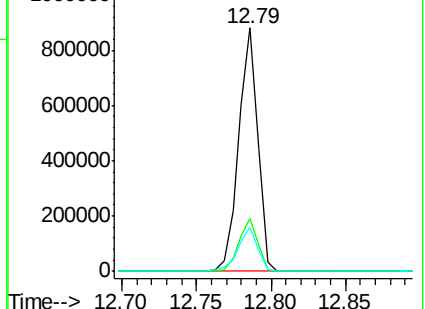
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.100 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

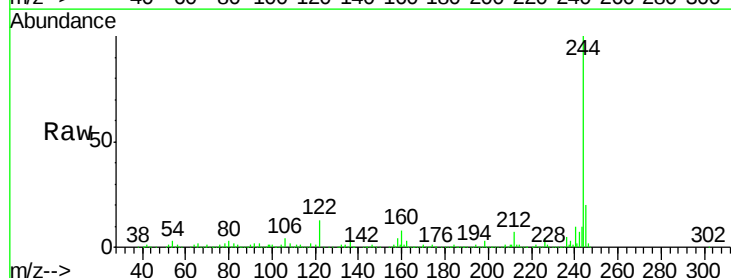
Tgt Ion:244 Resp: 1036107

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

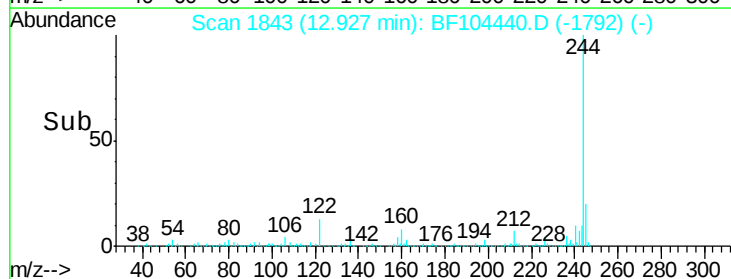
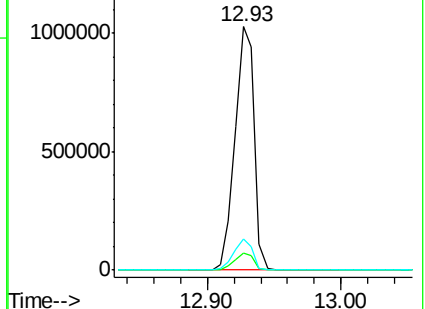
122 12.7 11.0 16.4



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: 42.785 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

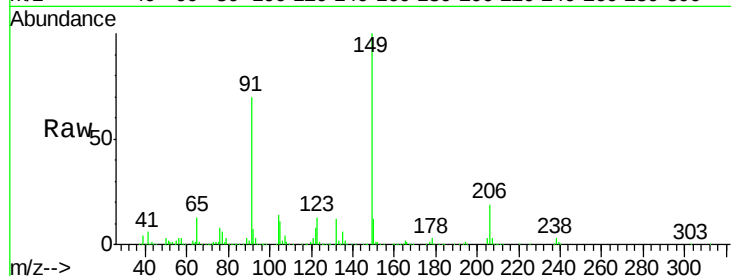
Tot Ion:149 Resp: 387401

Ion Ratio Lower Upper

149 100

91 70.3 56.8 85.2

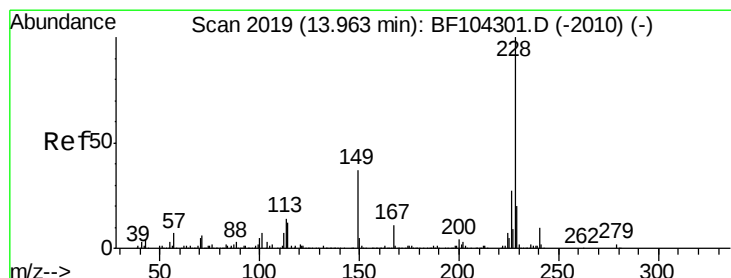
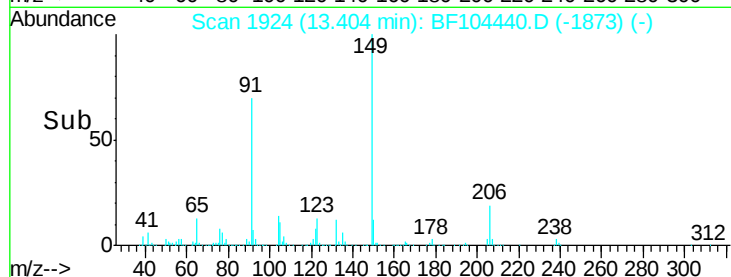
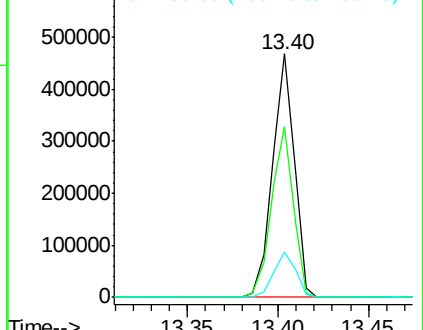
206 18.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.417 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

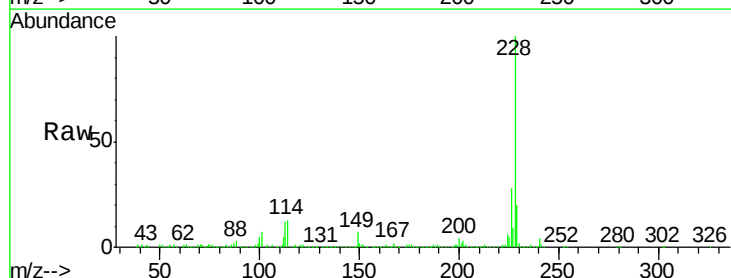
Tgt Ion:228 Resp: 672551

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

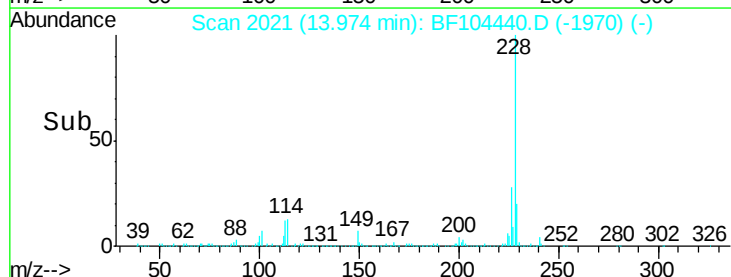
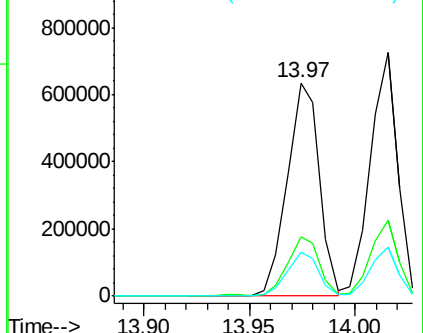
229 20.4 15.8 23.6

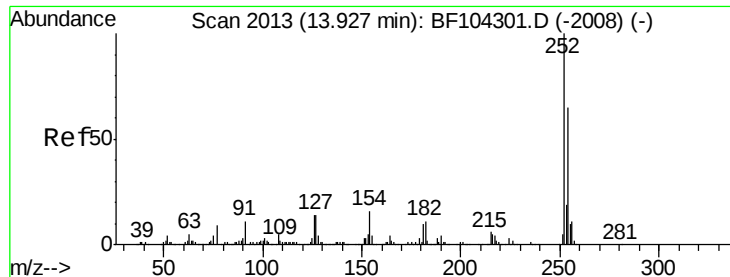


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 46.383 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

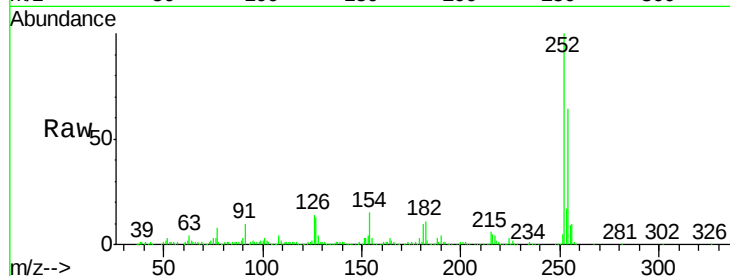
Tot Ion:252 Resp: 267895

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.8	11.3	16.9

252 100

254 63.9 50.4 75.6

126 13.8 11.3 16.9

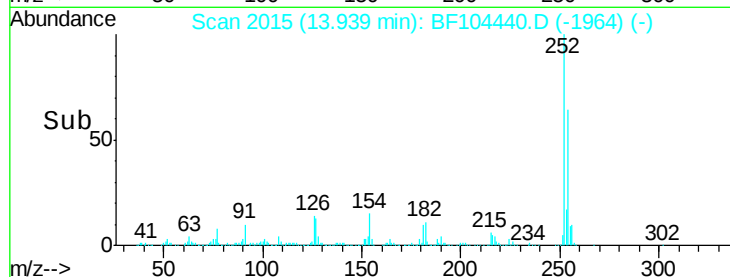


Abundance Ion 252.00 (251.70 to 252.70): E

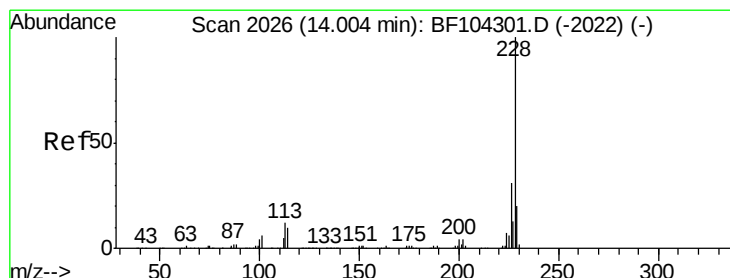
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



Time-->



#82

Chrysene

Concen: 40.923 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

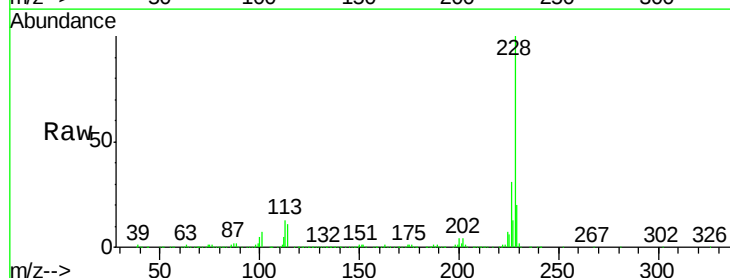
Tgt Ion:228 Resp: 651131

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	16.2	24.4

228 100

226 31.4 25.0 37.6

229 20.1 16.2 24.4

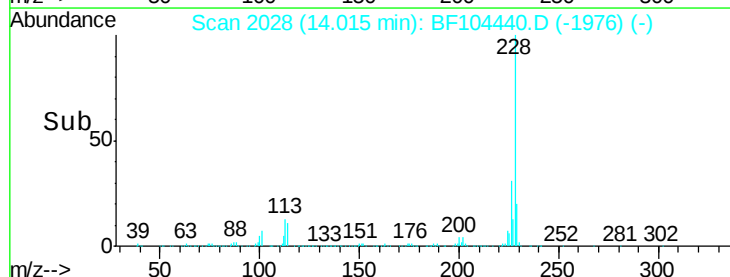


Abundance Ion 228.00 (227.70 to 228.70): E

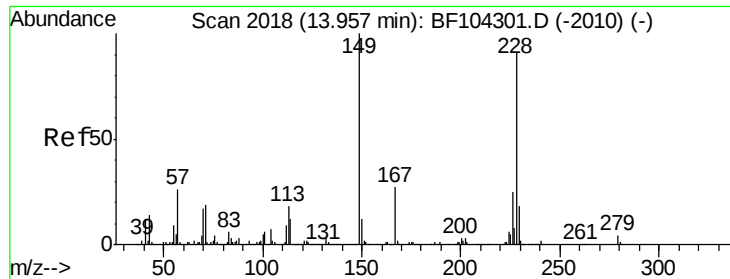
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



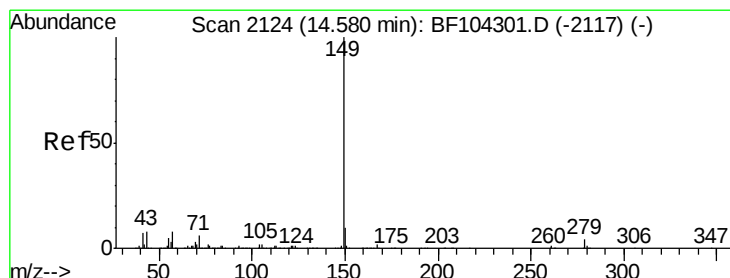
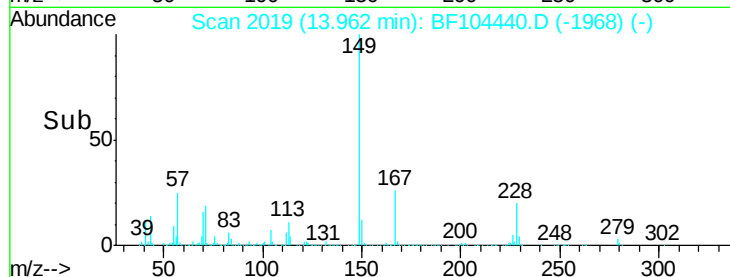
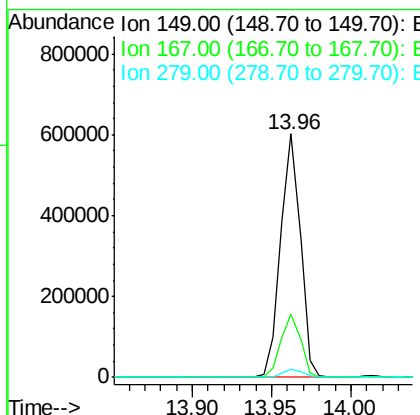
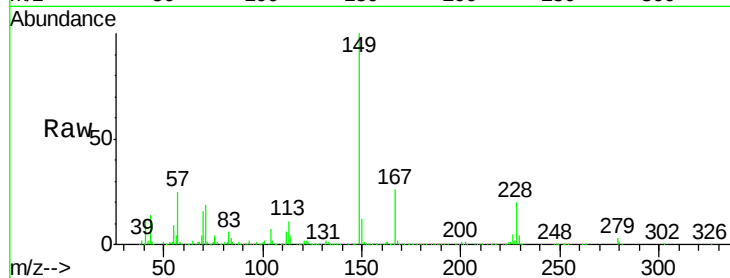
Time-->



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.036 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

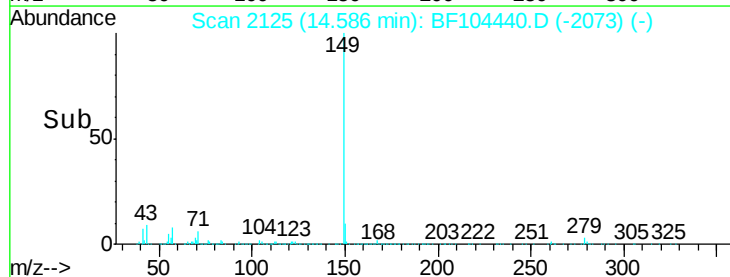
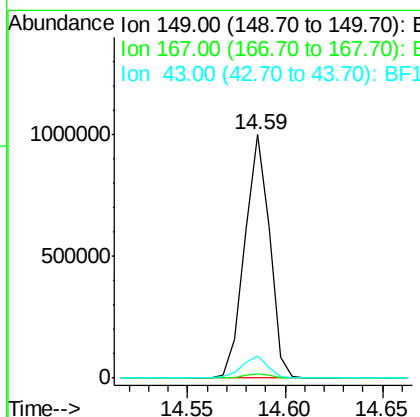
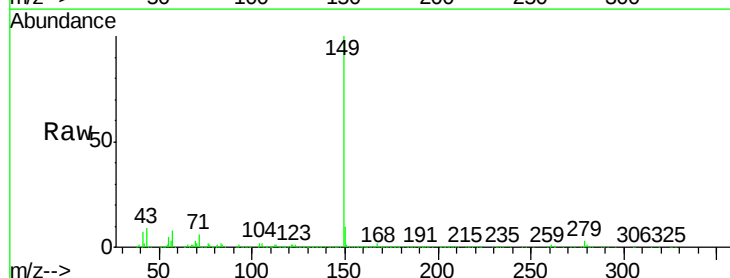
Instrument :
 BNA_F
 ClientSampleId :

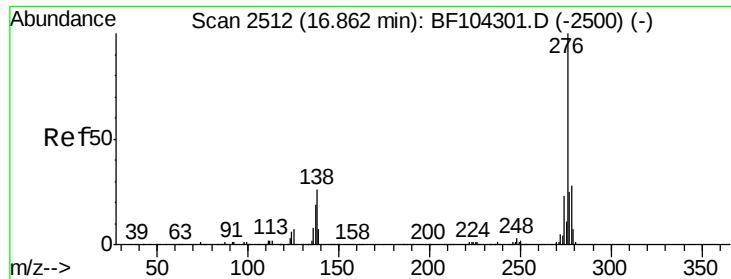
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.213 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6

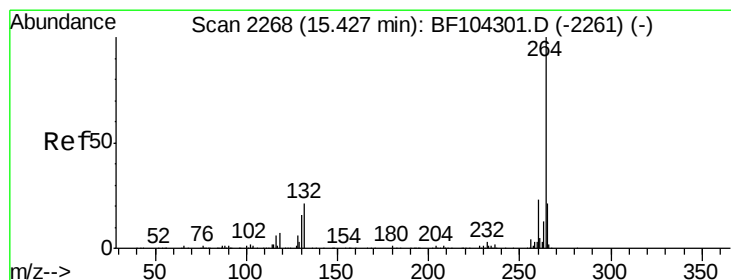
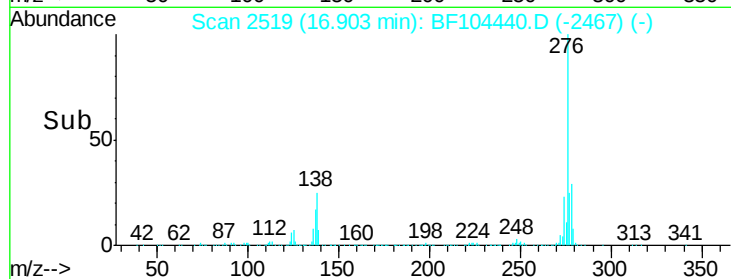
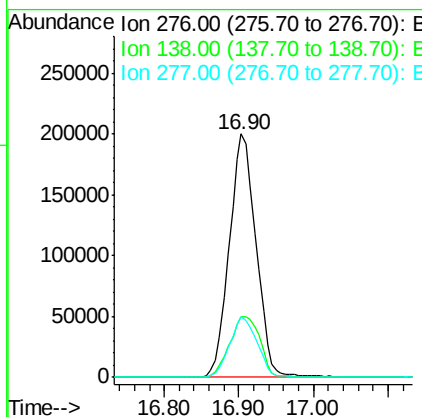
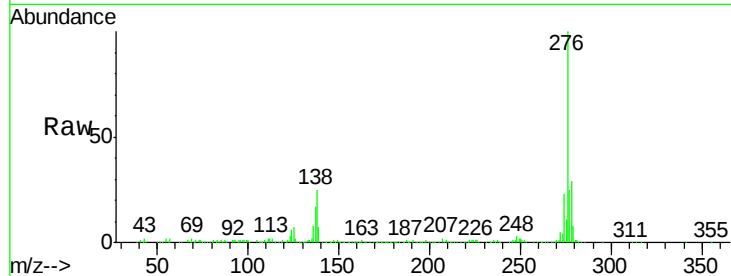




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.976 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

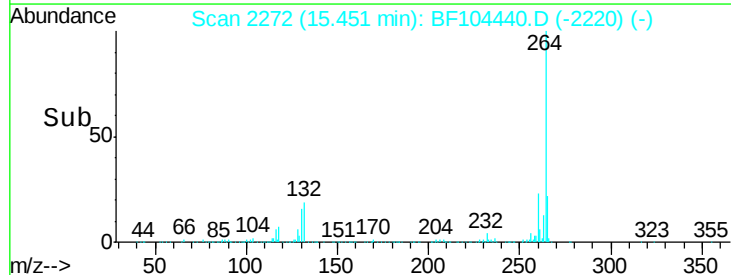
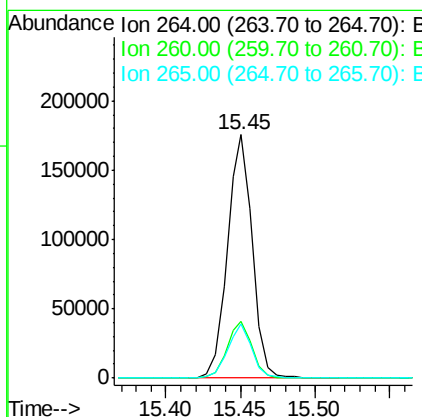
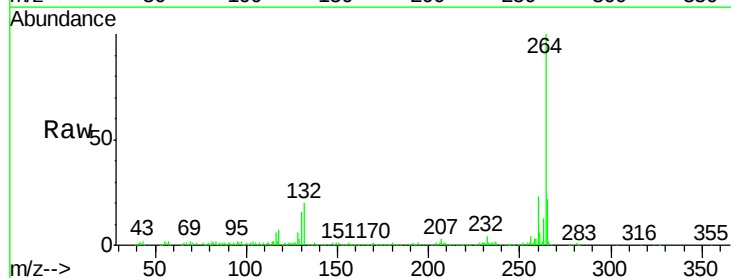
Instrument :
 BNA_F
 ClientSampleId :

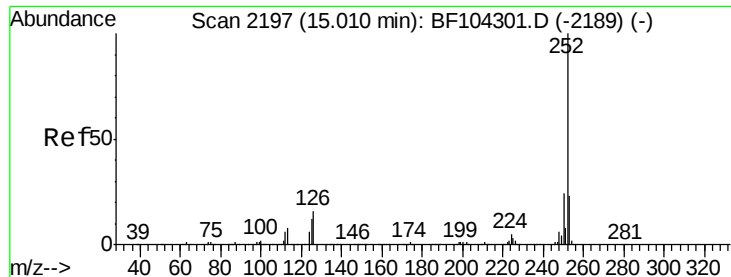
Tot Ion:276 Resp: 499779
 Ion Ratio Lower Upper
 276 100
 138 28.9 25.0 37.6
 277 25.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Tgt Ion:264 Resp: 204703
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 47.659 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

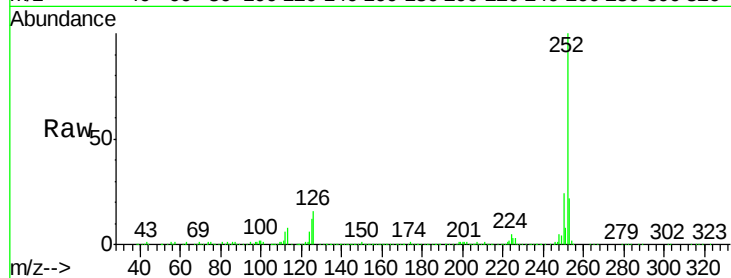
Tot Ion:252 Resp: 616166

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

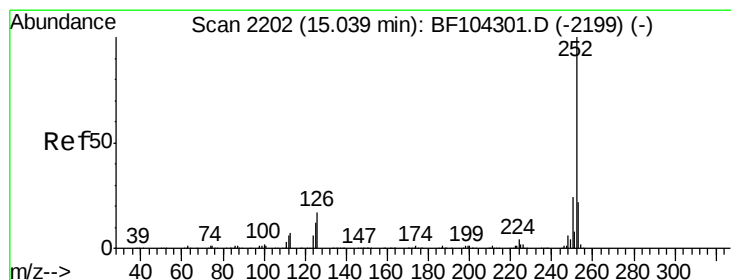
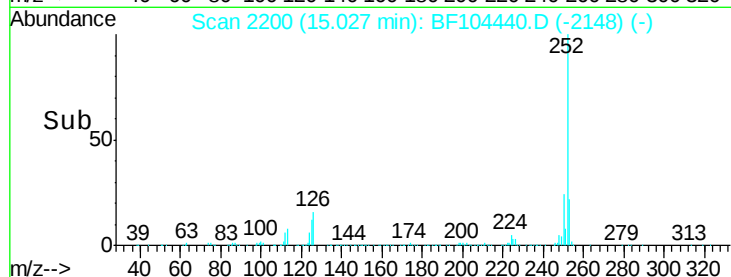
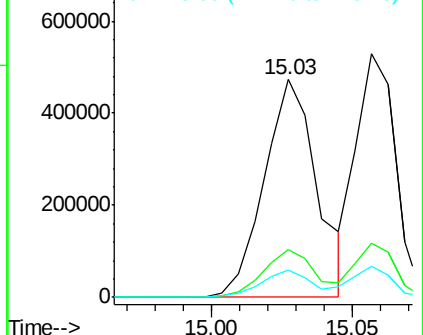
125 12.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.345 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF104440.D

Acq: 11 Apr 2018 16:09

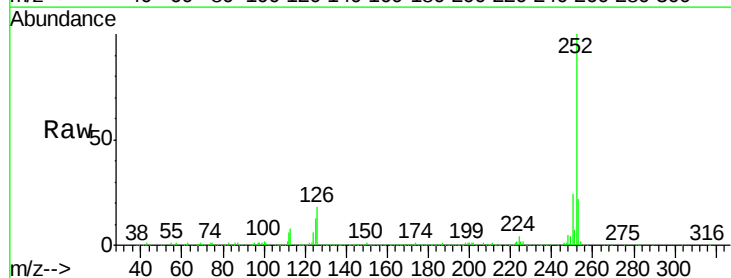
Tgt Ion:252 Resp: 516852

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

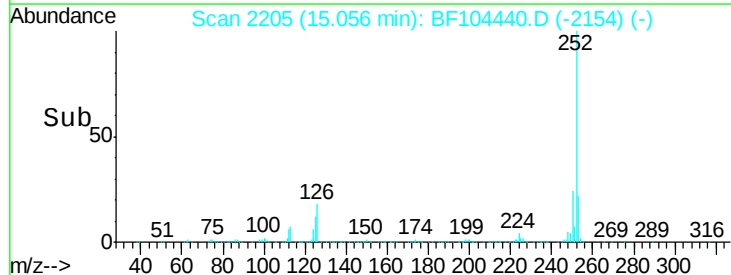
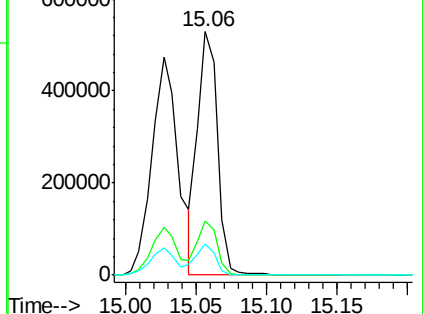
125 12.6 10.2 15.2

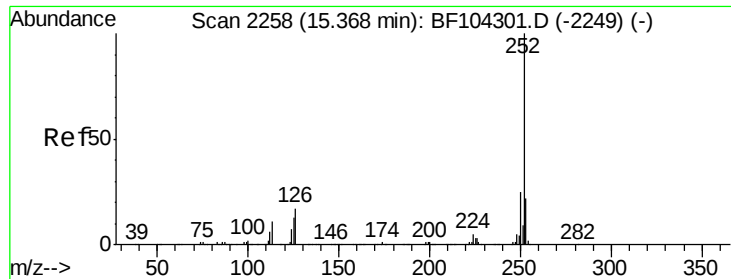


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

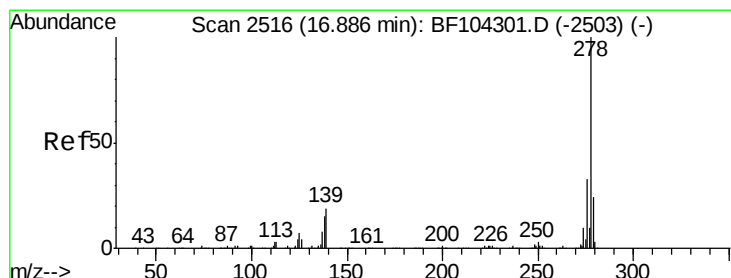
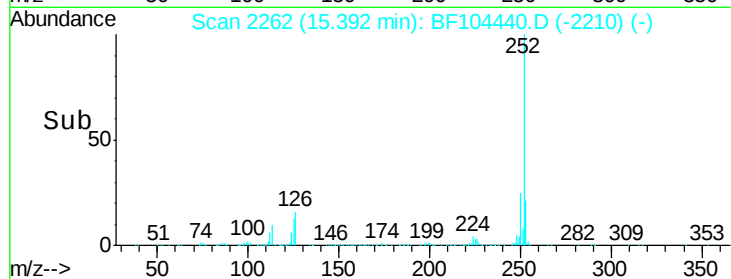
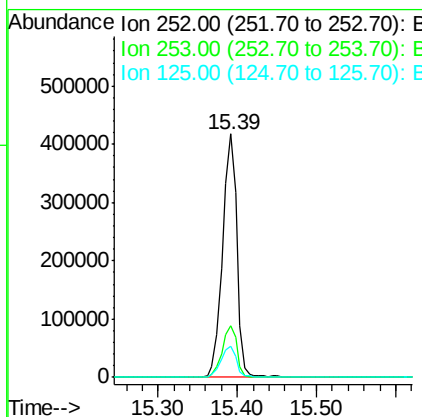
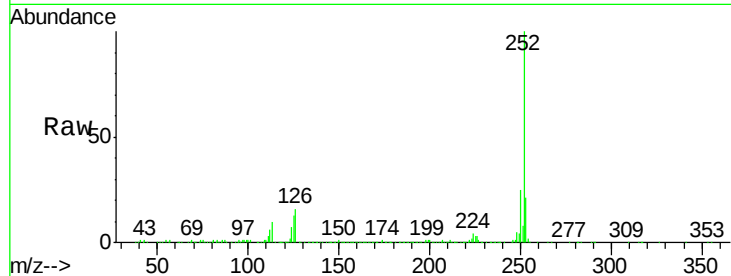




#89
Benzo(a)pyrene
Concen: 45.328 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

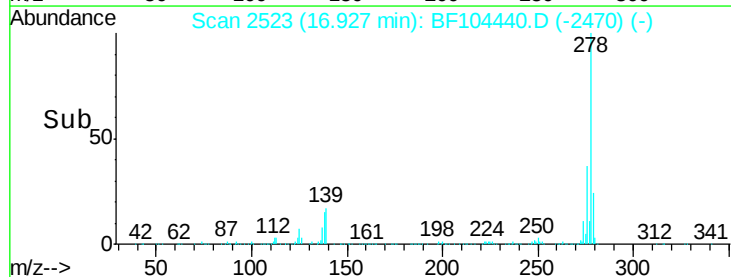
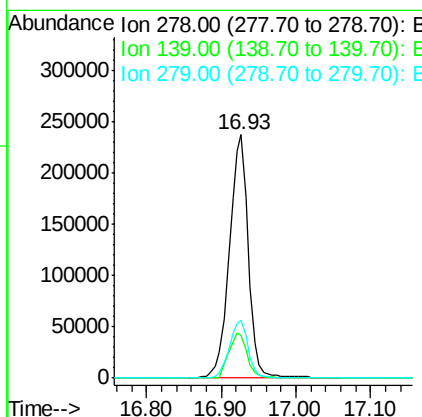
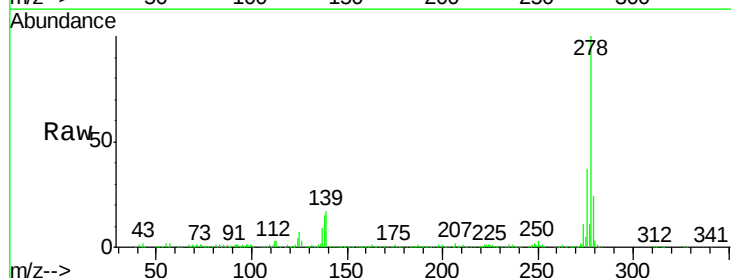
Instrument :
BNA_F
ClientSampleId :

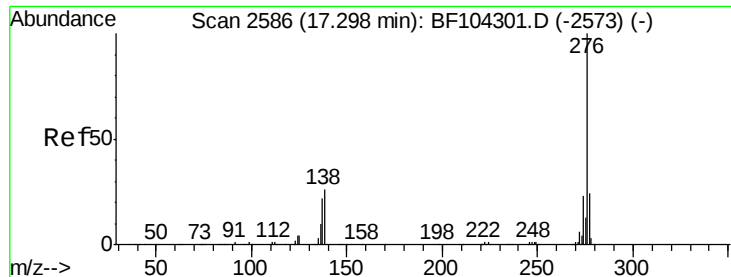
Tot Ion:252 Resp: 524347
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.308 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF104440.D
Acq: 11 Apr 2018 16:09

Tgt Ion:278 Resp: 420956
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.9 19.0 28.4

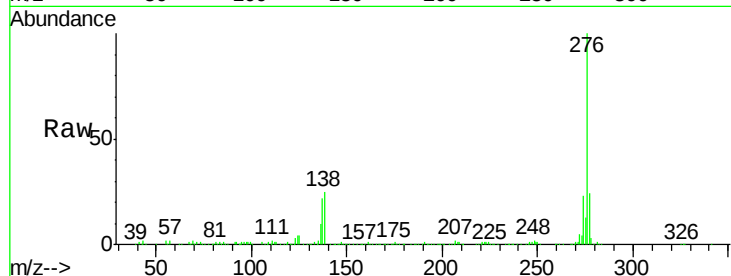




#91
 Benzo(a,h,i)perylene
 Concen: 43.597 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. 0.01 min
 Lab File: BF104440.D
 Acq: 11 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	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

