

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104015.D
 Acq On : 28 Mar 2018 17:38
 Operator : JU/SJ
 Sample : J2087-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 18:48:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139428	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	568366	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	235046	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	277659	20.00	ng	0.02
75) Chrysene-d12	14.16	240	253070	20.00	ng	0.00
86) Perylene-d12	15.70	264	270322	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	976832	111.73	ng	0.00
7) Phenol-d6	6.61	99	1173817	109.13	ng	0.00
23) Nitrobenzene-d5	7.53	82	711797	76.59	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	227431	86.90	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	1162870	78.02	ng	0.00
78) Terphenyl-d14	13.09	244	803235	73.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	105214	27.902	ng	# 85
3) Pyridine	3.70	79	83670	8.765	ng	# 80
4) n-Nitrosodimethylamine	3.61	42	81803	28.830	ng	# 84
6) Aniline	6.65	93	296381	23.017	ng	# 77
8) 2-Chlorophenol	6.76	128	364205	37.975	ng	# 96
9) Benzaldehyde	6.52	77	153064	24.257	ng	# 94
10) Phenol	6.62	94	465175	39.031	ng	# 98
11) bis(2-Chloroethyl)ether	6.70	93	319019	31.063	ng	# 90
12) 1,3-Dichlorobenzene	6.90	146	363314	33.701	ng	# 98
13) 1,4-Dichlorobenzene	6.98	146	391304	33.875	ng	# 100
14) 1,2-Dichlorobenzene	7.13	146	358115	34.491	ng	# 100
15) Benzyl Alcohol	7.11	79	273538	39.112	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	406752	36.354	ng	# 63
17) 2-Methylphenol	7.22	107	289943	37.145	ng	# 89
18) Hexachloroethane	7.47	117	129515	33.487	ng	# 96
19) n-Nitroso-di-n-propylamine	7.37	70	237388	37.188	ng	# 91
20) 3+4-Methylphenols	7.37	107	383549	38.501	ng	# 56
22) Acetophenone	7.37	105	505602	36.767	ng	# 99
24) Nitrobenzene	7.55	77	356640	36.472	ng	# 99
25) Isophorone	7.78	82	672936	39.290	ng	# 99
26) 2-Nitrophenol	7.86	139	203040	39.778	ng	# 96
27) 2,4-Dimethylphenol	7.90	122	317849	43.177	ng	# 99
28) bis(2-Chloroethoxy)methane	7.99	93	438712	40.869	ng	# 100
29) 2,4-Dichlorophenol	8.11	162	315237	40.998	ng	# 97
30) 1,2,4-Trichlorobenzene	8.19	180	311735	35.732	ng	# 99
31) Naphthalene	8.27	128	1005792	36.223	ng	# 99
32) Benzoic acid	8.02	122	154452	28.640	ng	# 96
33) 4-Chloroaniline	8.33	127	314862	26.897	ng	# 97
34) Hexachlorobutadiene	8.37	225	166596	35.092	ng	# 98
35) Caprolactam	8.69	113	45131	18.511	ng	# 89
36) 4-Chloro-3-methylphenol	8.80	107	327184	40.230	ng	# 98
37) 2-Methylnaphthalene	8.96	142	675361	36.925	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	291880	40.495	ng	# 98
40) Hexachlorocyclopentadiene	9.10	237	85831	28.982	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	197378	43.246	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	224550	40.748	ng	98
45) 1,1'-Biphenyl	9.42	154	788121	39.067	ng	99
46) 2-Chloronaphthalene	9.45	162	611849	38.450	ng	100
47) 2-Nitroaniline	9.56	65	182959	40.321	ng	95
48) Acenaphthylene	9.87	152	842906	34.964	ng	99
49) Dimethylphthalate	9.73	163	798992	43.055	ng	99
50) 2,6-Dinitrotoluene	9.79	165	161836	40.535	ng	94
51) Acenaphthene	10.05	154	476248	34.149	ng	98
52) 3-Nitroaniline	9.97	138	142077	30.957	ng	# 92
53) 2,4-Dinitrophenol	10.08	184	93712	55.592	ng	# 24
54) Dibenzofuran	10.22	168	709787	34.852	ng	98
55) 4-Nitrophenol	10.15	139	208869	75.900	ng	87
56) 2,4-Dinitrotoluene	10.20	165	184766	36.267	ng	# 91
57) Fluorene	10.57	166	517158	30.785	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141038	34.160	ng	# 86
59) Diethylphthalate	10.43	149	586838	33.009	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	245776	31.854	ng	100
61) 4-Nitroaniline	10.60	138	118236	27.532	ng	97
62) Azobenzene	10.72	77	495453	30.820	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	61872	36.812	ng	# 74
65) n-Nitrosodiphenylamine	10.67	169	489028	52.005	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	138071	46.480	ng	98
67) Hexachlorobenzene	11.12	284	142298	41.644	ng	91
68) Atrazine	11.20	200	128436	44.584	ng	87
69) Pentachlorophenol	11.32	266	139949	74.428	ng	96
70) Phenanthrene	11.54	178	602831	40.101	ng	99
71) Anthracene	11.59	178	624355	39.762	ng	98
72) Carbazole	11.75	167	533571	35.603	ng	97
73) Di-n-butylphthalate	12.06	149	717340	40.184	ng	100
74) Fluoranthene	12.73	202	626571	39.212	ng	98
76) Benzidine	12.85	184	100776	13.974	ng	# 82
77) Pyrene	12.96	202	626850	34.457	ng	99
79) Butylbenzylphthalate	13.56	149	331034	38.623	ng	98
80) Benzo(a)anthracene	14.15	228	589065	37.200	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	160884	30.695	ng	97
82) Chrysene	14.19	228	569575	36.724	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	464761	41.969	ng	99
84) Di-n-octyl phthalate	14.73	149	794176	41.691	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.29	276	588594	36.622	ng	96
87) Benzo(b)fluoranthene	15.24	252	597542	36.321	ng	98
88) Benzo(k)fluoranthene	15.27	252	561079	36.205	ng	99
89) Benzo(a)pyrene	15.64	252	563771	36.979	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	500484	35.507	ng	97
91) Benzo(g,h,i)perylene	17.77	276	468925	33.214	ng	97

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

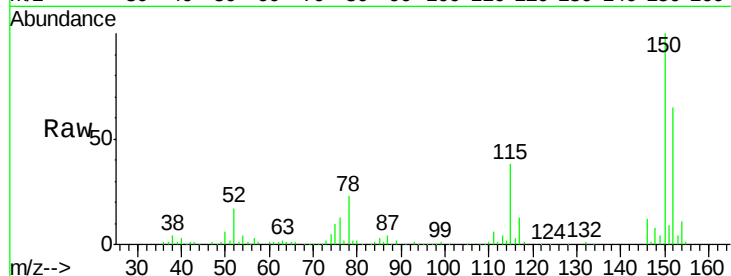


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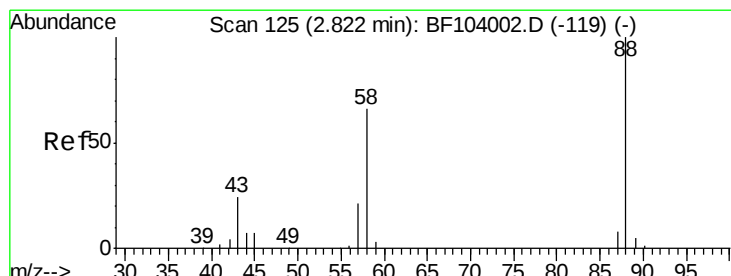
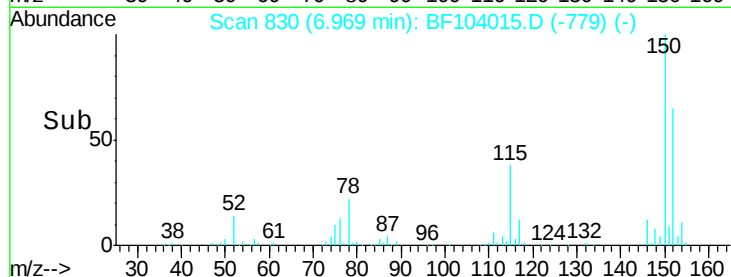
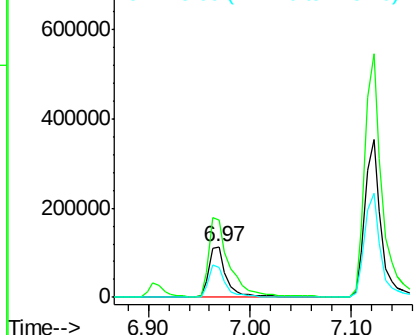
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139428
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.9 50.1 75.1



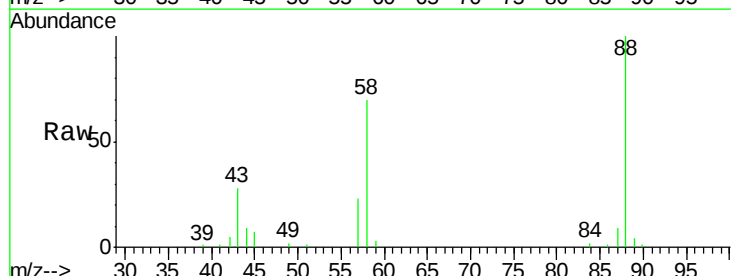
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



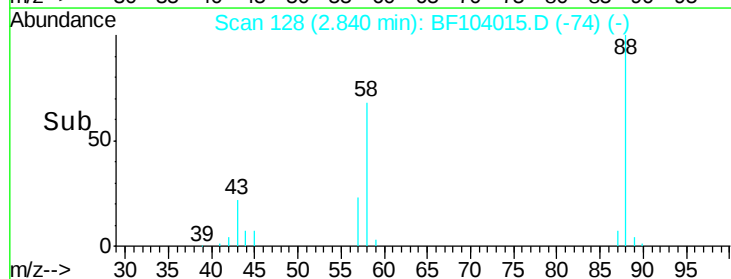
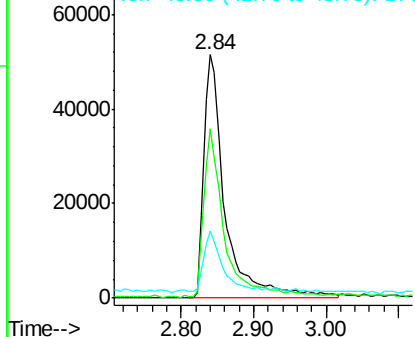
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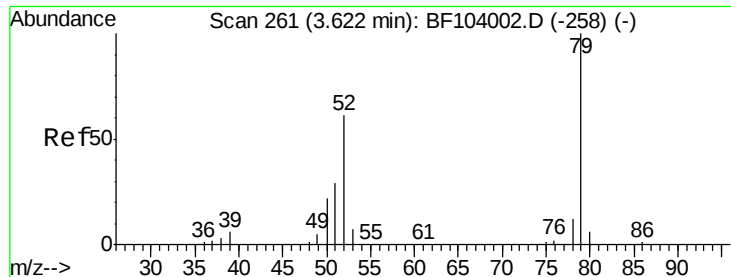
1,4-Dioxane
Concen: 27.902 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.02 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion: 88 Resp: 105214
Ion Ratio Lower Upper
88 100
58 66.3 62.6 93.8
43 20.9 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: 8.765 ng

RT: 3.70 min Scan# 275

Delta R.T. 0.08 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

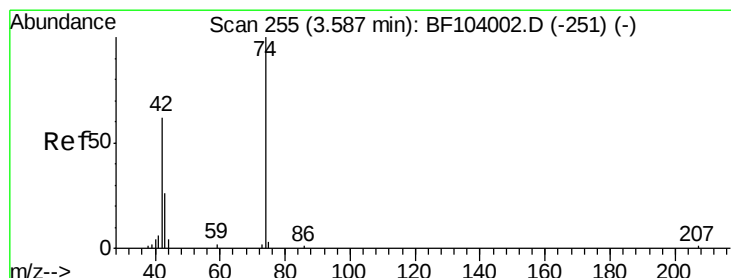
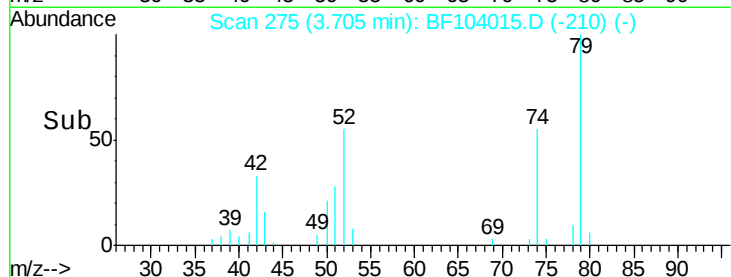
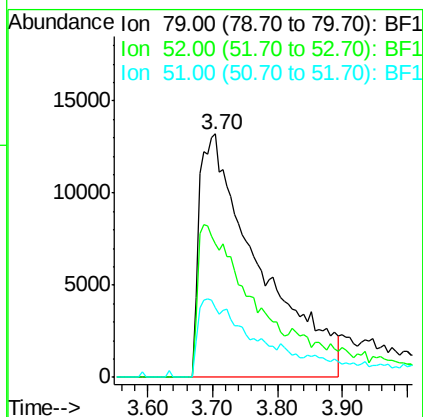
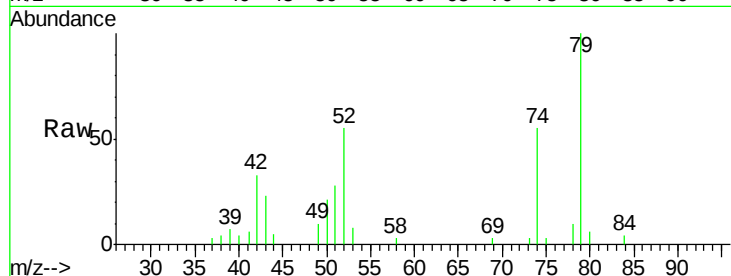
Tot Ion: 79 Resp: 83670

Ion Ratio Lower Upper

79 100

52 55.1 59.8 89.6#

51 28.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 28.830 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.02 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

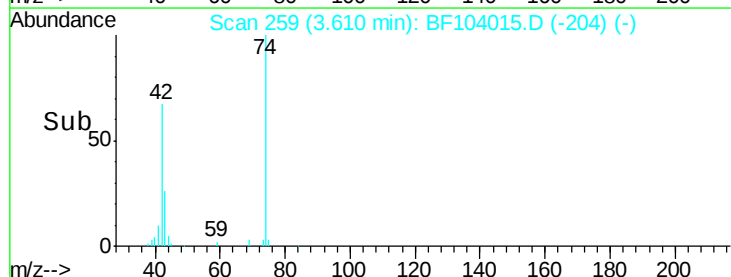
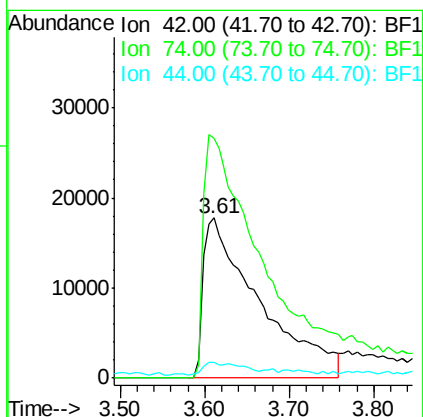
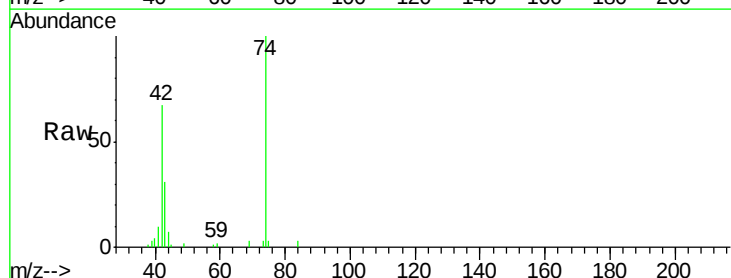
Tgt Ion: 42 Resp: 81803

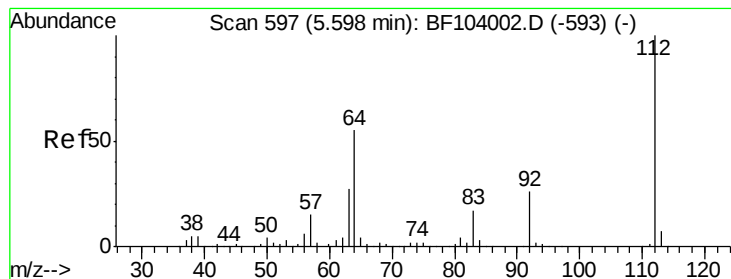
Ion Ratio Lower Upper

42 100

74 150.3 104.9 157.3

44 10.2 6.9 10.3





#5

2-Fluorophenol

Concen: 111.728 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

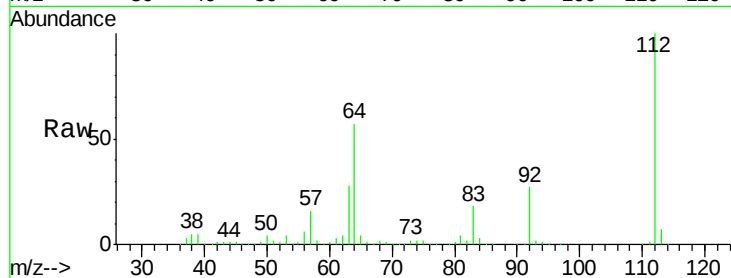
Tot Ion: 112 Resp: 976832

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

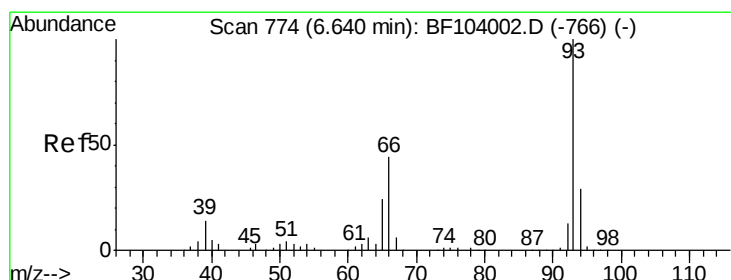
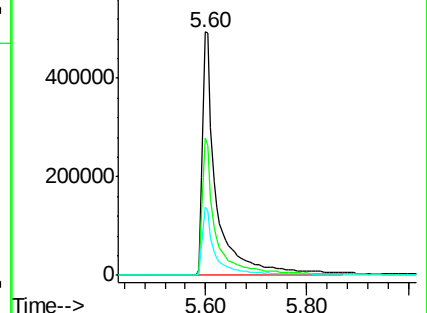
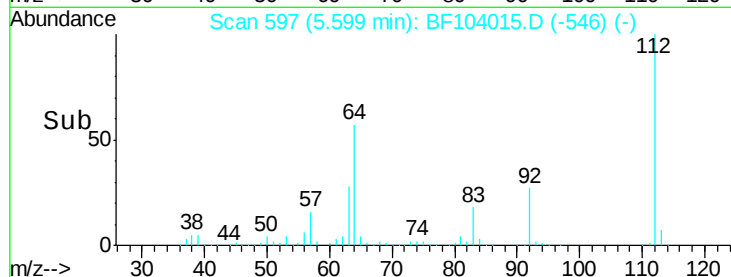
63 28.1 23.7 35.5



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: 23.017 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

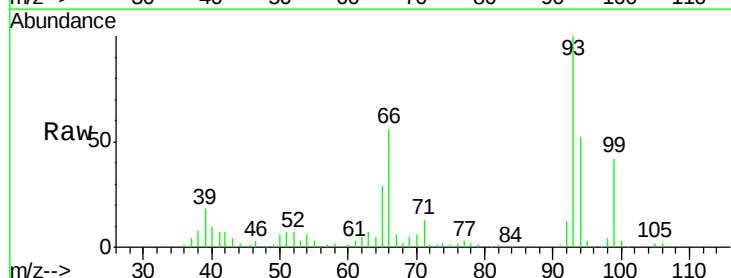
Tgt Ion: 93 Resp: 296381

Ion Ratio Lower Upper

93 100

66 55.8 32.2 48.2#

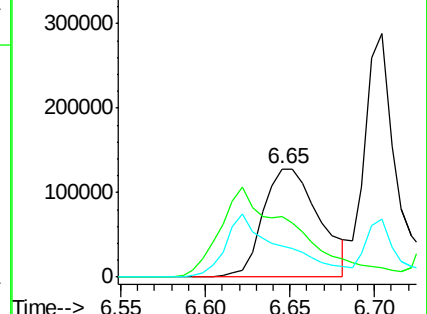
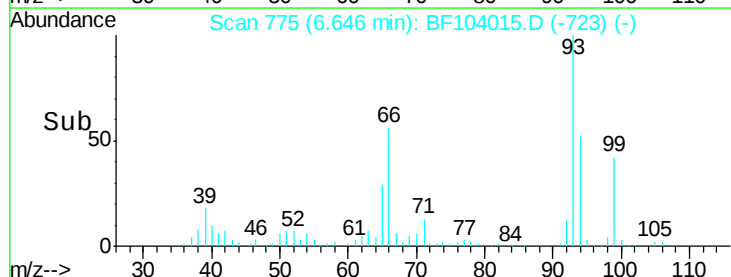
65 29.1 16.4 24.6#

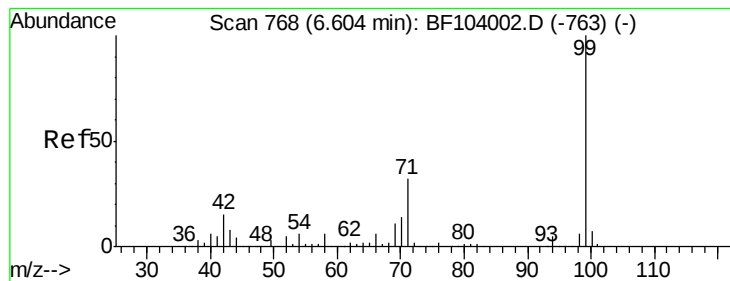


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.127 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

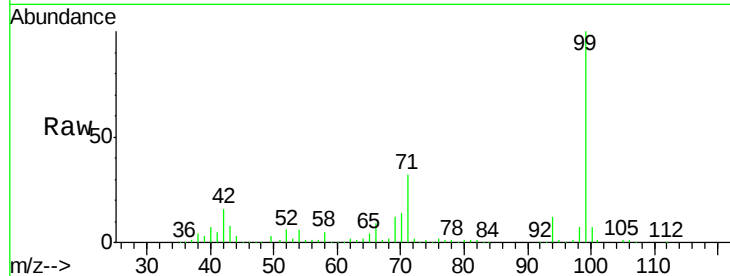
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1173817

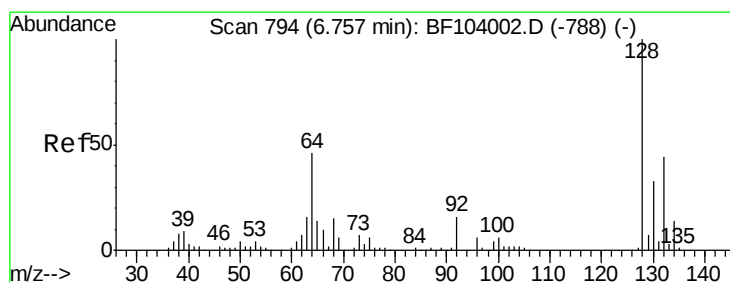
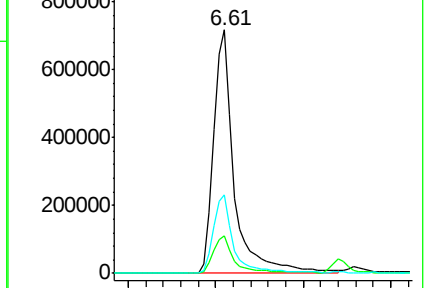
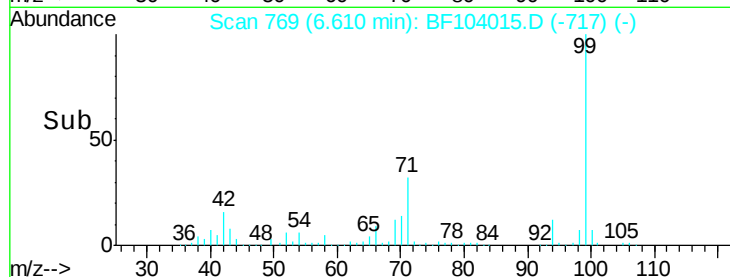
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.975 ng

RT: 6.76 min Scan# 794

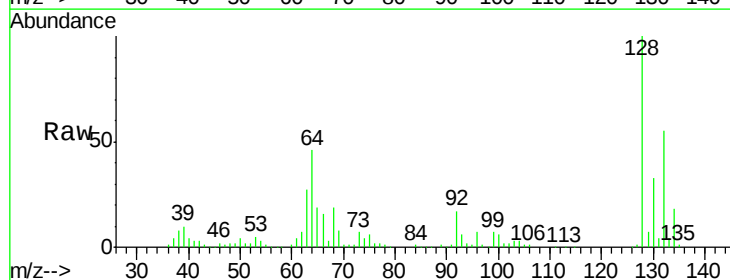
Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Tgt Ion: 128 Resp: 364205

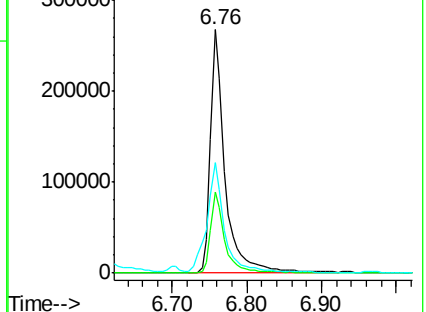
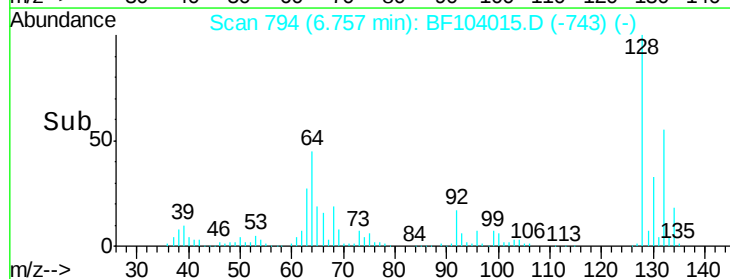
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	45.6	29.4	69.4

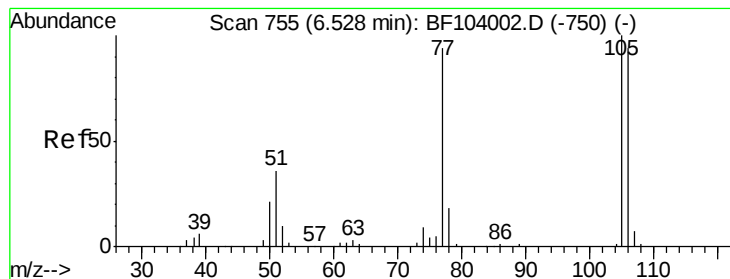


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.257 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampled :

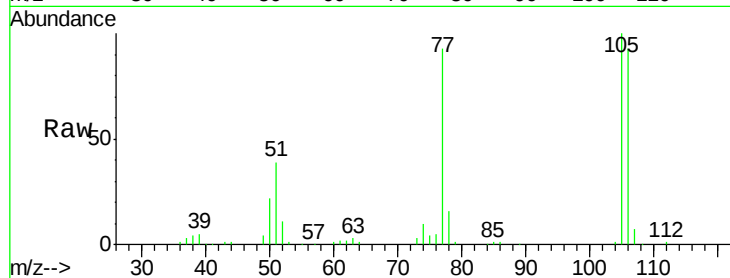
Tot Ion: 77 Resp: 153064

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

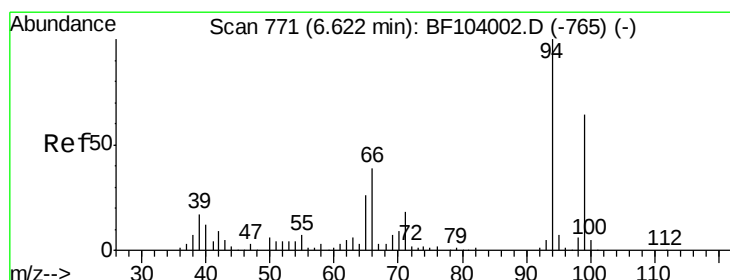
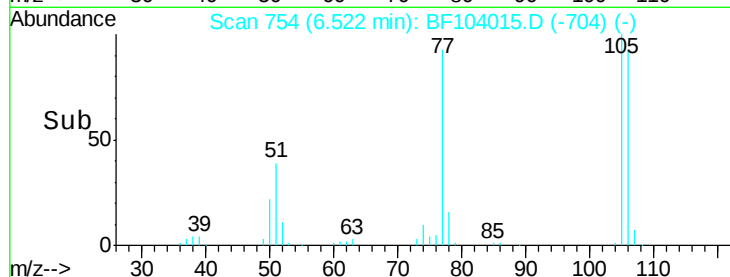
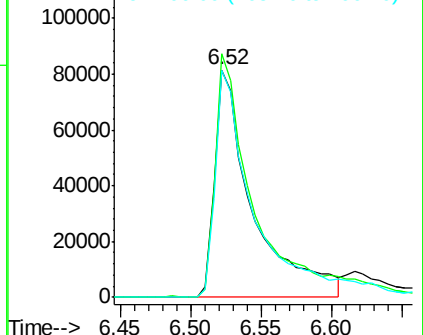
106 99.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.031 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

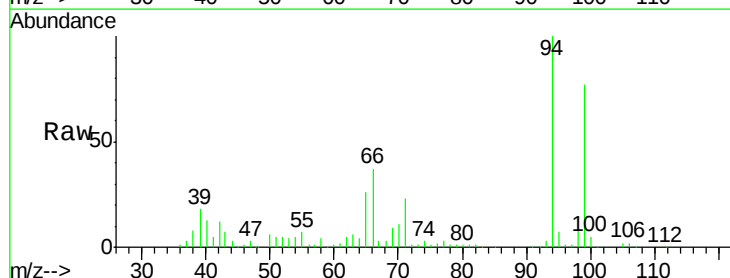
Tgt Ion: 94 Resp: 465175

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

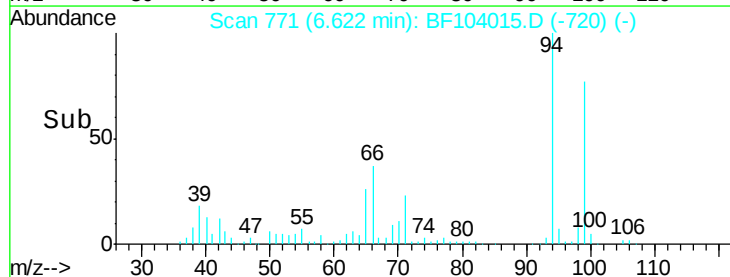
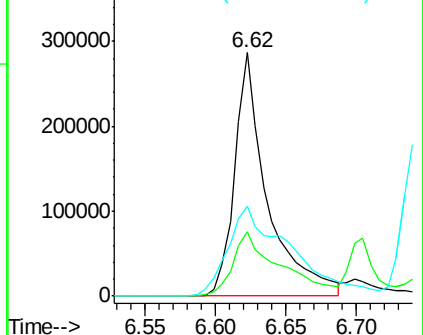
66 37.2 16.2 56.2

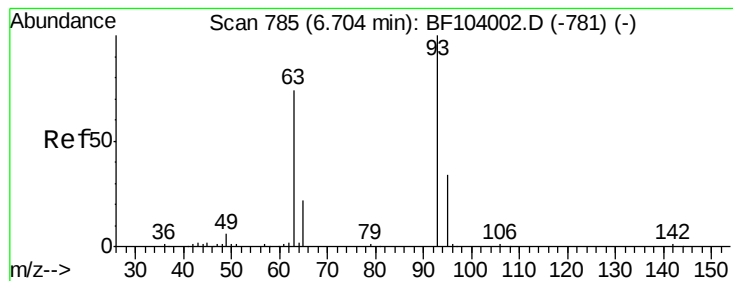


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

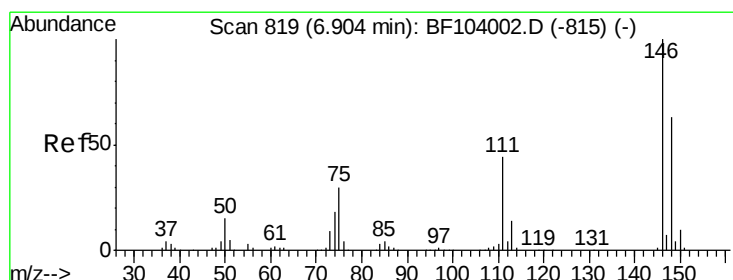
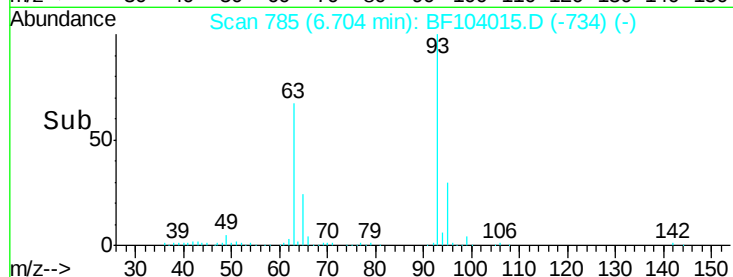
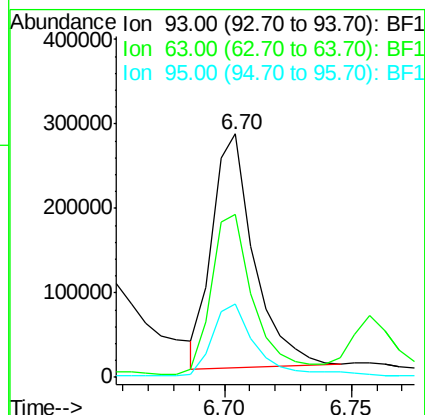
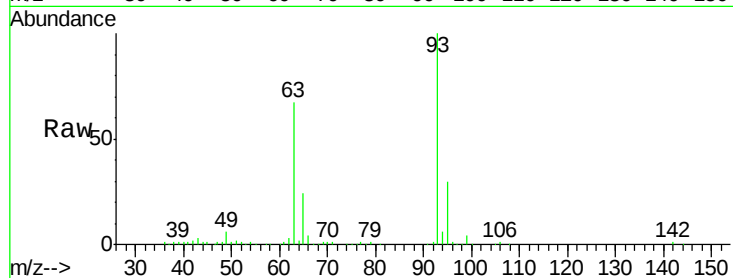




#11
bis(2-Chloroethyl)ether
Concen: 31.063 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

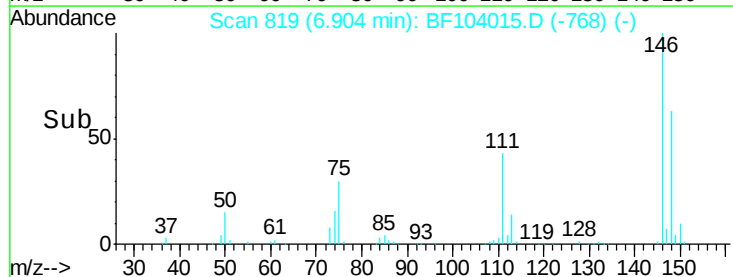
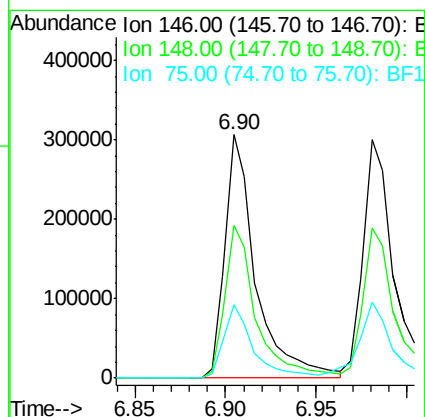
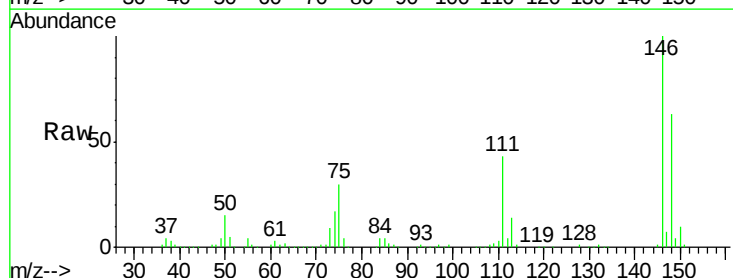
Instrument :
BNA_F
ClientSampleId :

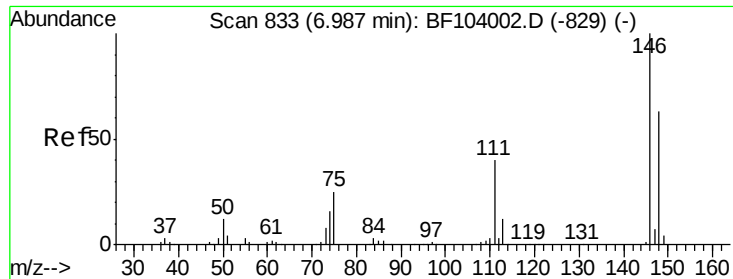
Tot Ion: 93 Resp: 319019
Ion Ratio Lower Upper
93 100
63 67.1 58.6 98.6
95 30.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.701 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion: 146 Resp: 363314
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.8
75 29.9 24.2 36.4

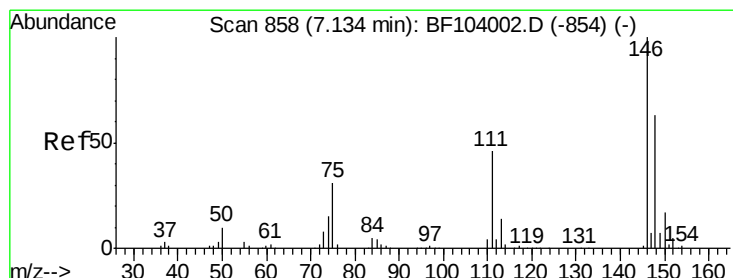
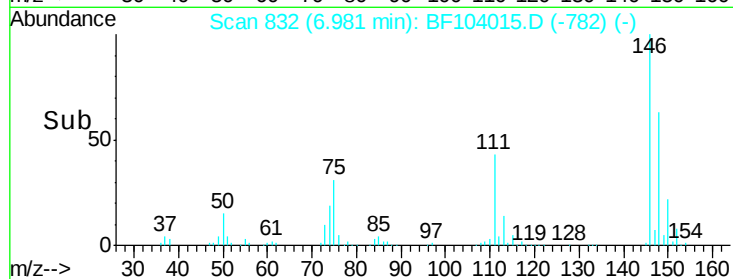
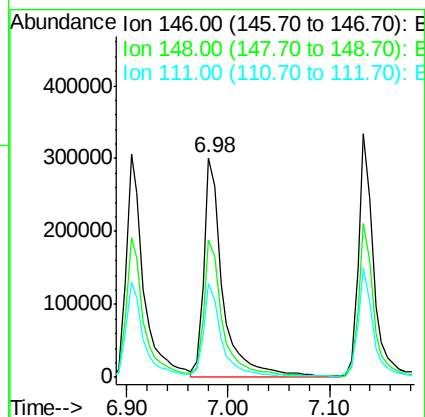
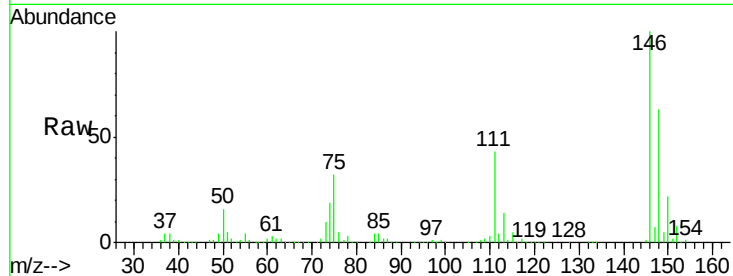




#13
 1,4-Dichlorobenzene
 Concen: 33.875 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

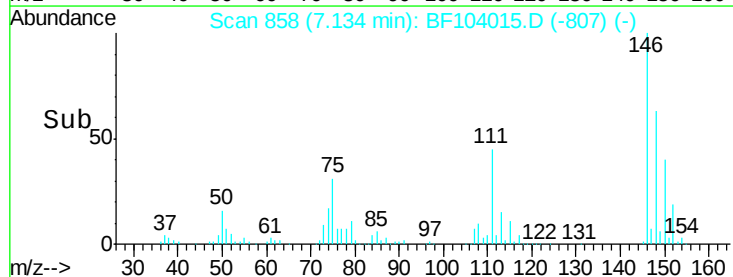
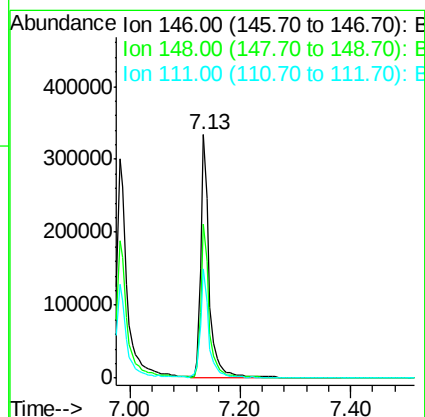
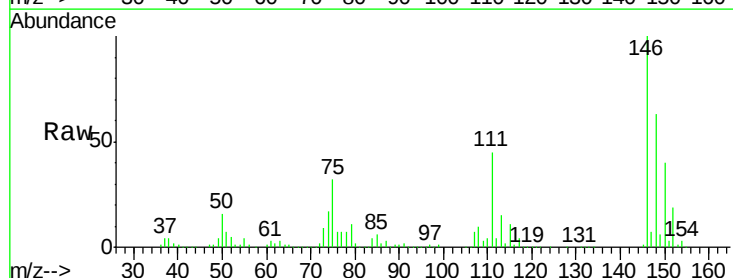
Instrument :
 BNA_F
 ClientSampled :

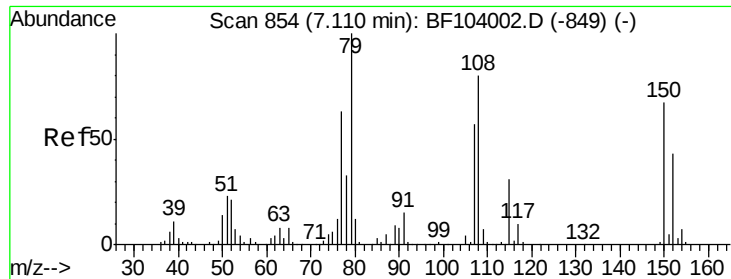
Tot Ion:146 Resp: 391304
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.491 ng
 RT: 7.13 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:146 Resp: 358115
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 44.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.112 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

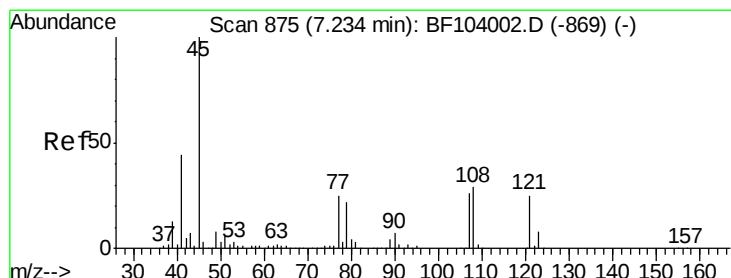
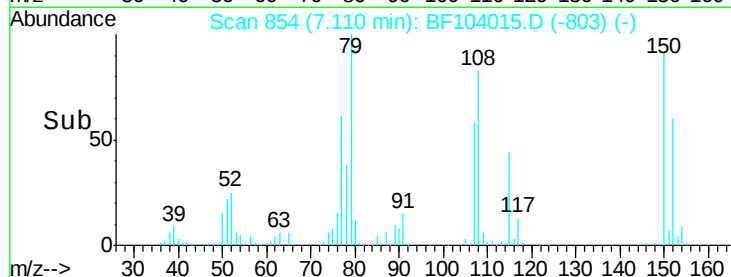
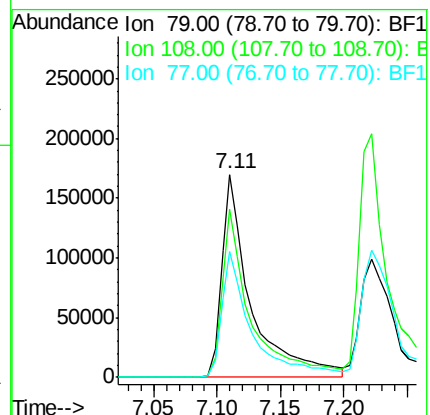
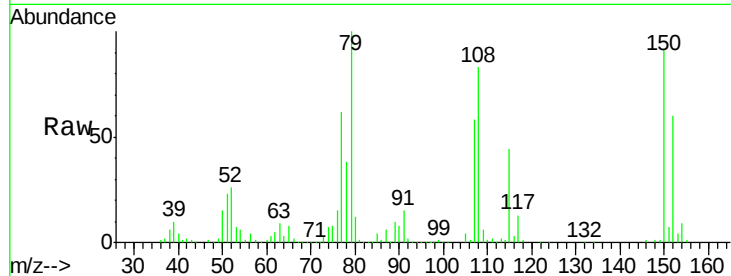
Tot Ion: 79 Resp: 273538

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.354 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

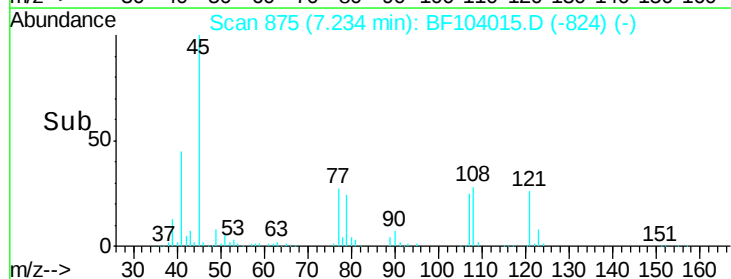
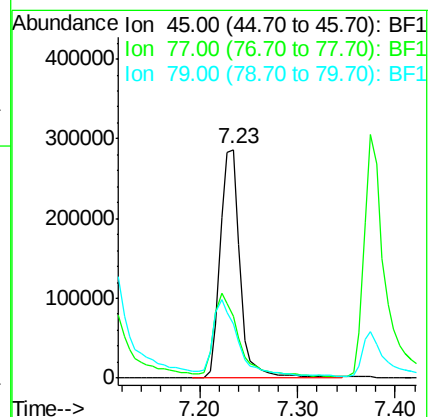
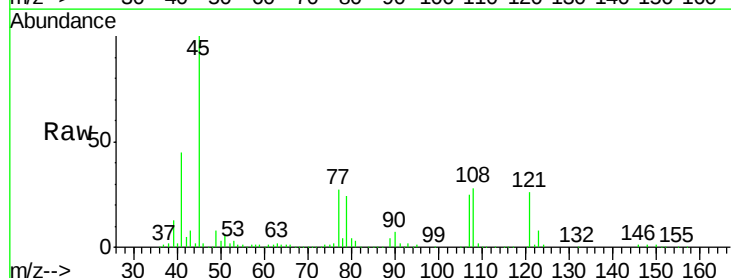
Tgt Ion: 45 Resp: 406752

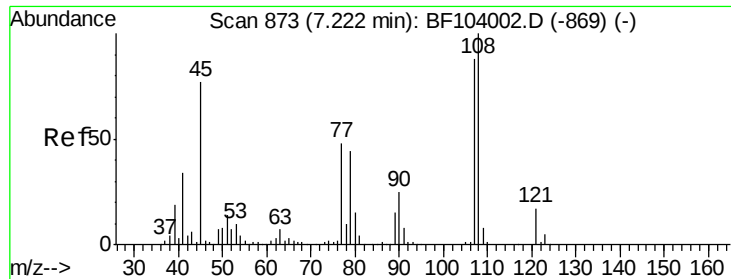
Ion Ratio Lower Upper

45 100

77 26.8 0.0 32.9

79 23.9 0.0 29.6

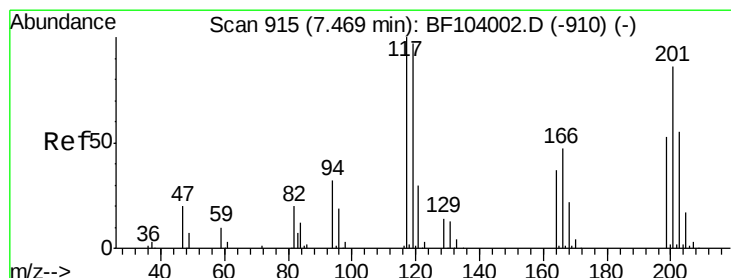
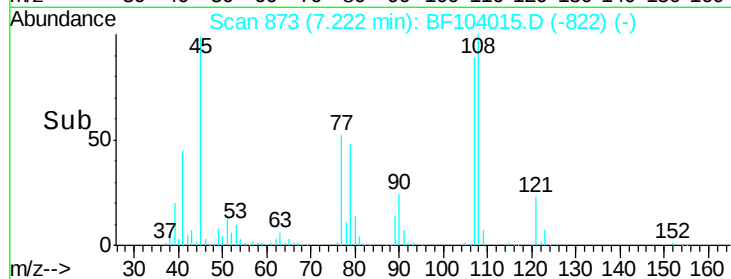
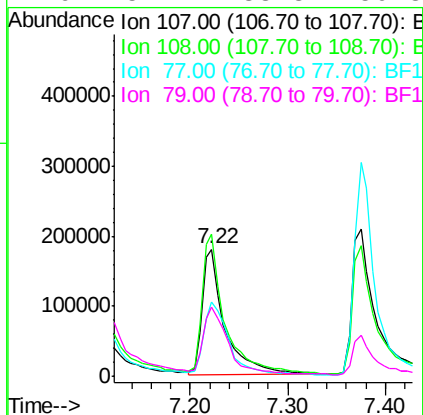
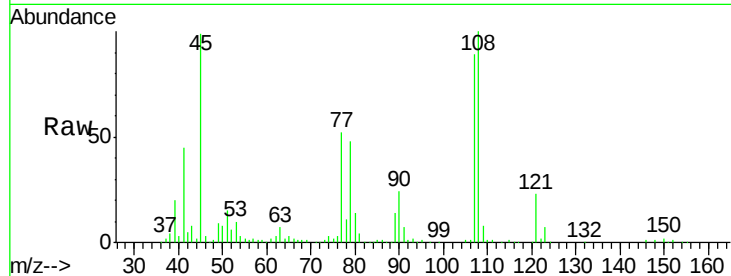




#17
2-Methylphenol
Concen: 37.145 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

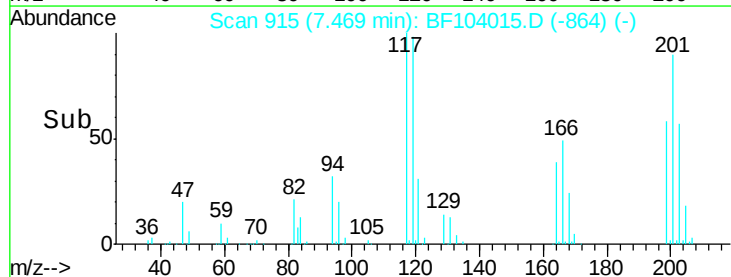
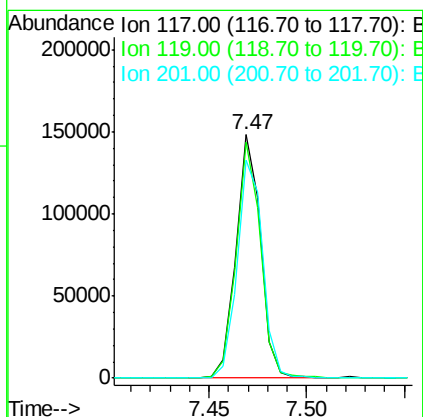
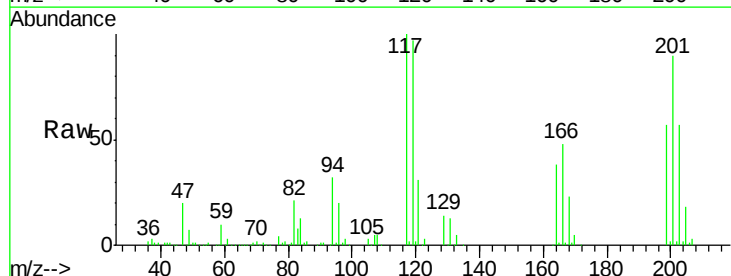
Instrument :
BNA_F
ClientSampleId :

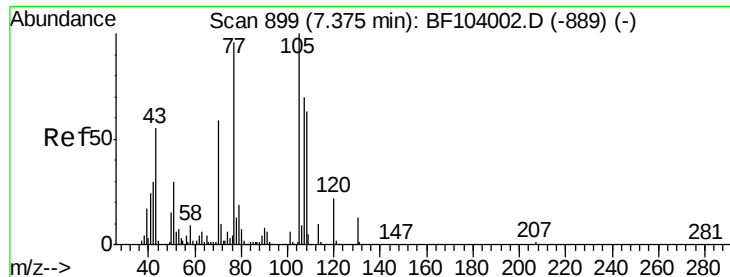
Tot Ion:107 Resp: 289943
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 58.7 33.8 50.8#
79 54.2 33.8 50.8#



#18
Hexachloroethane
Concen: 33.487 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:117 Resp: 129515
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 89.5 75.7 113.5

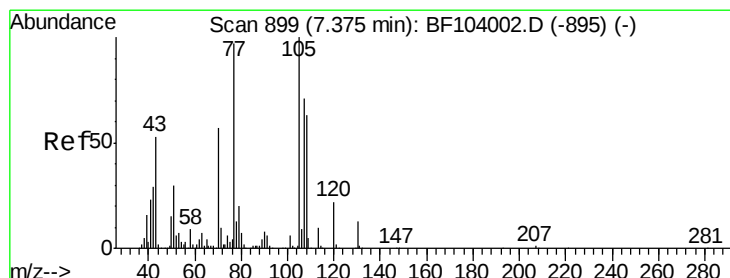
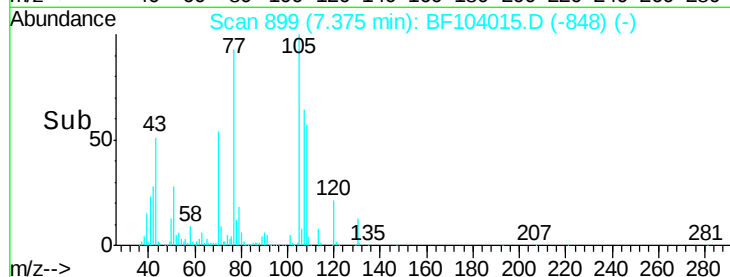
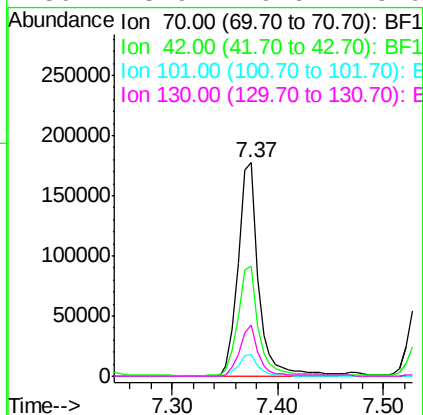
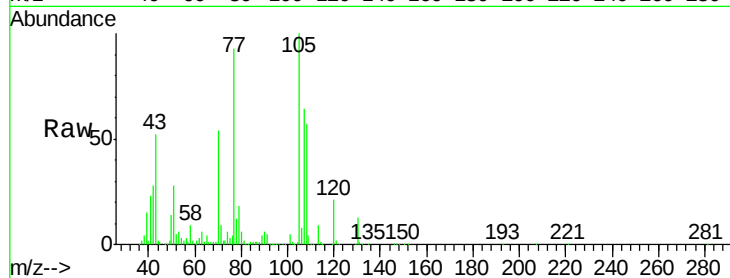




#19
n-Nitroso-di-n-propylamine
Concen: 37.188 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

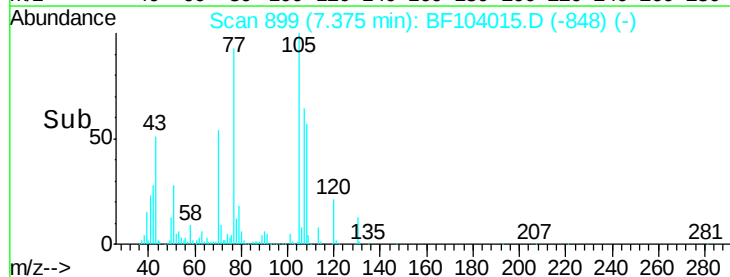
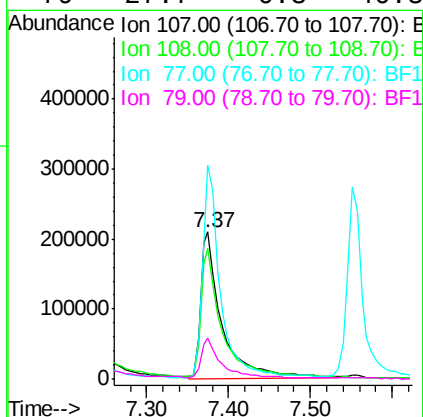
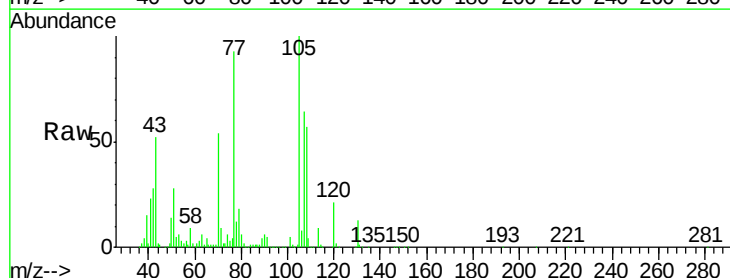
Instrument :
BNA_F
ClientSampleId :

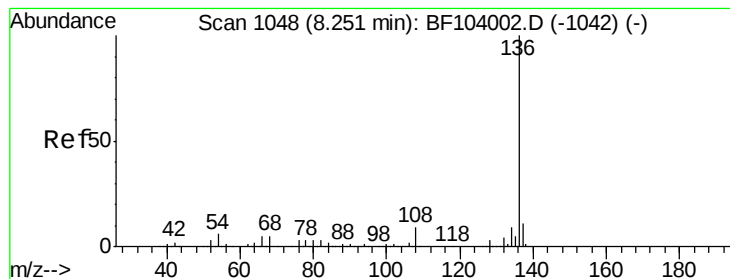
Tot Ion: 70 Resp: 237388
Ion Ratio Lower Upper
70 100
42 51.4 47.5 71.3
101 10.1 7.4 11.2
130 23.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.501 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion: 107 Resp: 383549
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 145.6 26.7 66.7#
79 27.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 568366

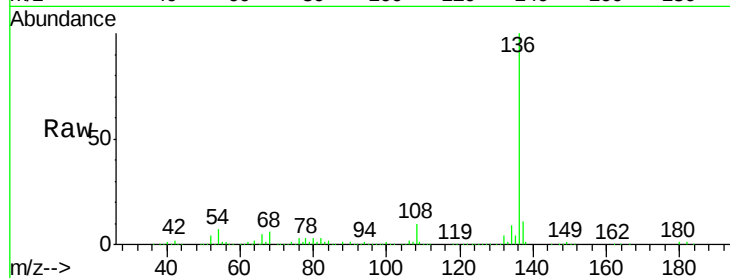
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

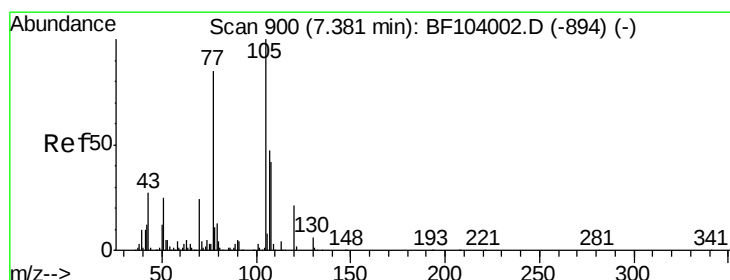
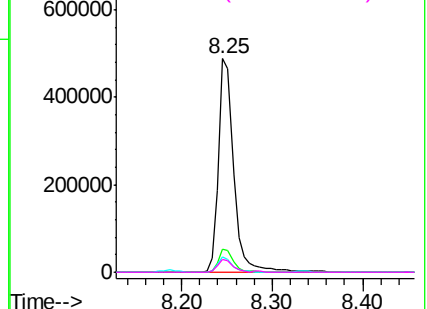
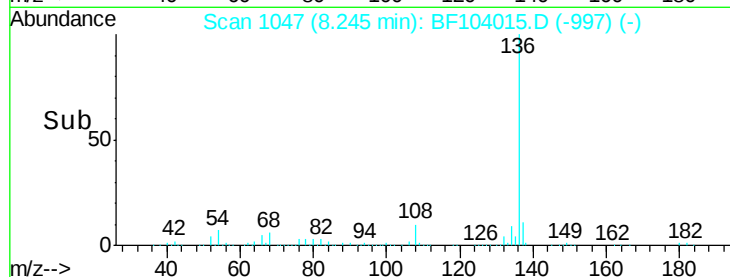


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.767 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Tgt Ion:105 Resp: 505602

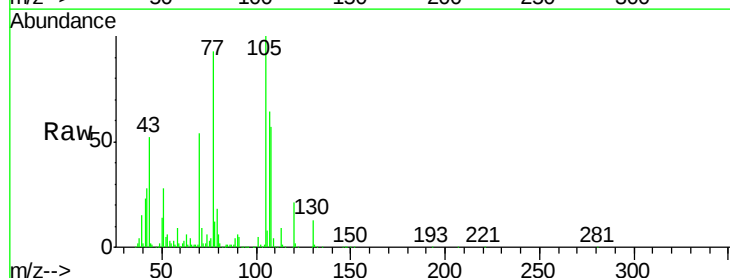
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 28.2 22.3 33.5

120 21.2 16.9 25.3

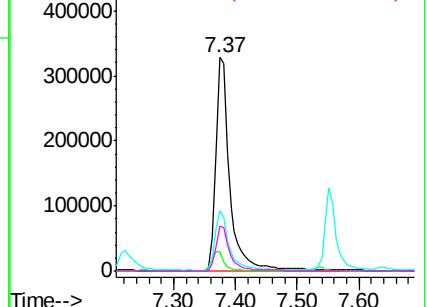
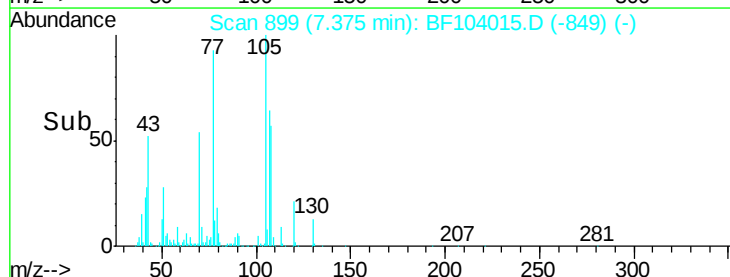


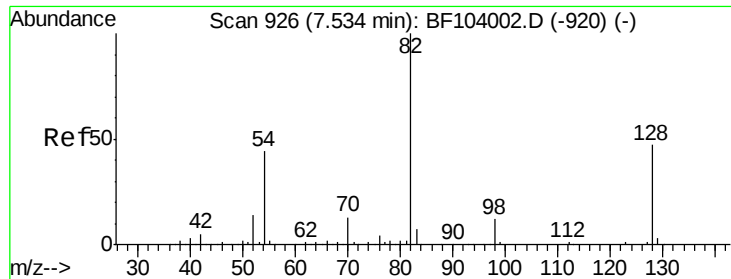
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

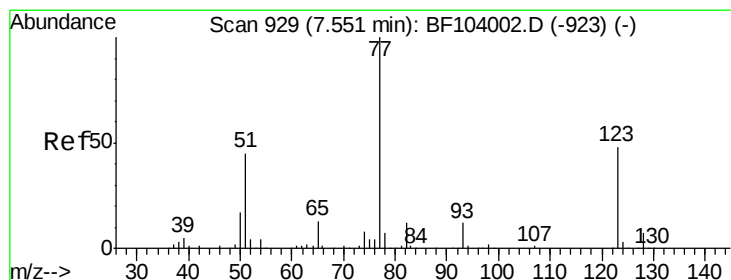
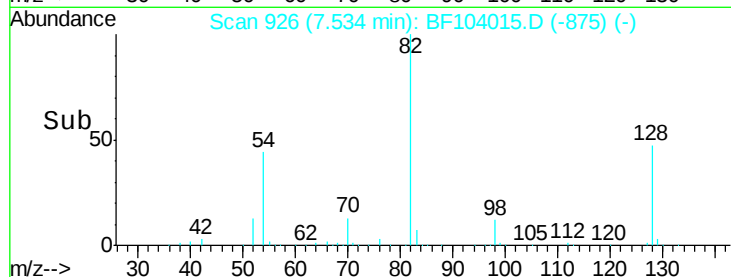
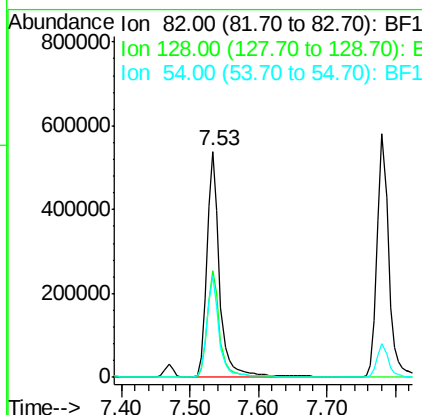
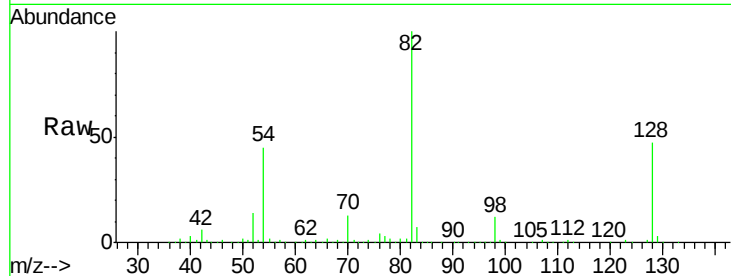




#23
Nitrobenzene-d5
Concen: 76.589 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

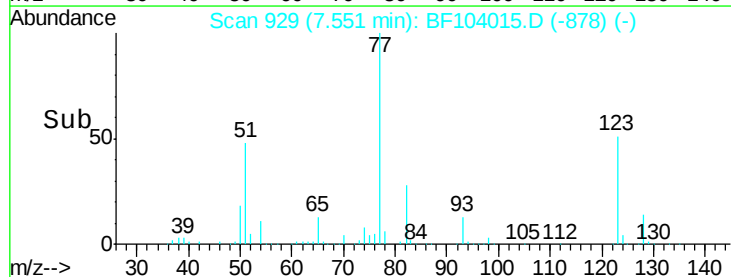
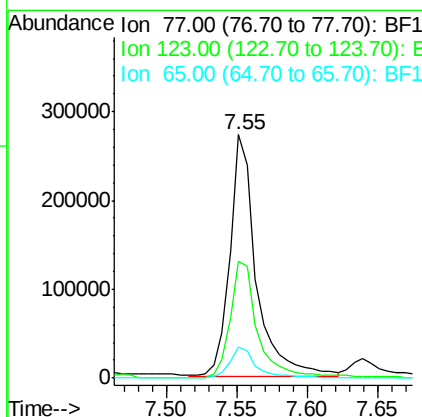
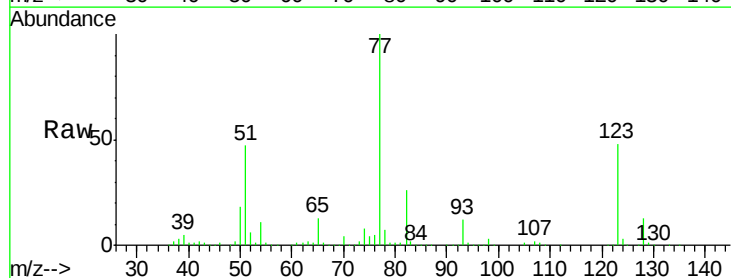
Instrument :
BNA_F
ClientSampleId :

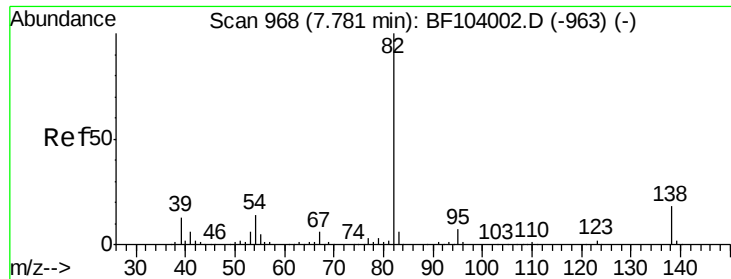
Tot Ion	82	Resp	711797
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	44.7	41.4	62.2



#24
Nitrobenzene
Concen: 36.472 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion	77	Resp	356640
Ion Ratio	Lower	Upper	
77	100		
123	48.0	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 39.290 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

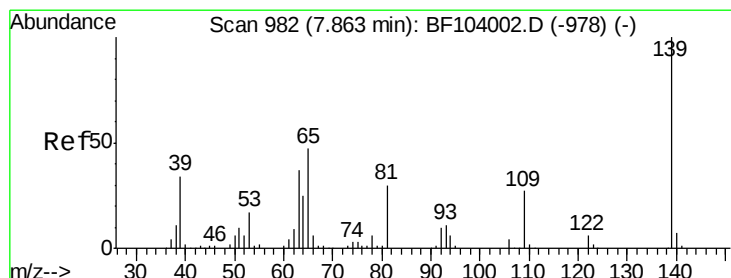
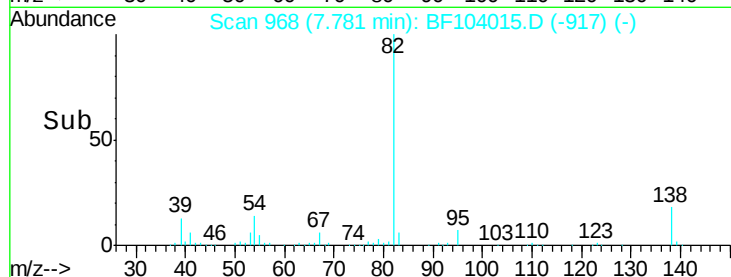
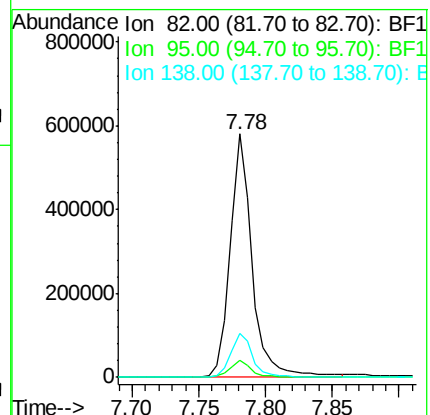
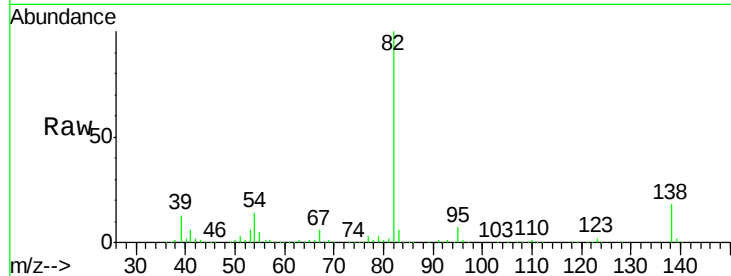
Tot Ion: 82 Resp: 672936

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 39.778 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

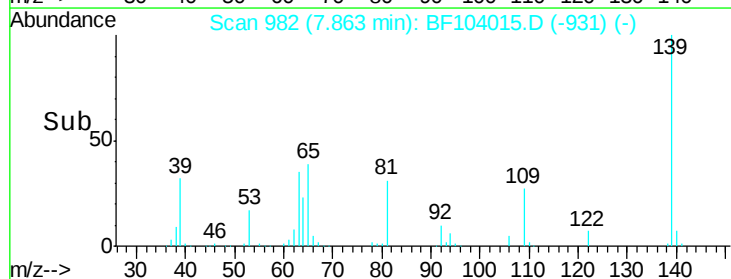
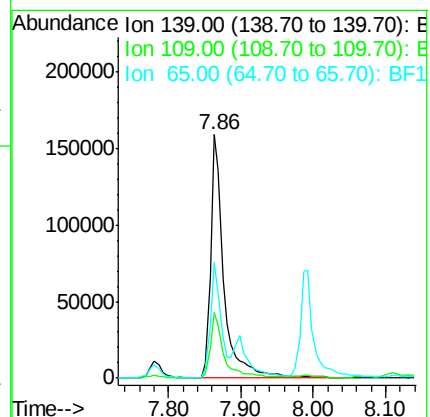
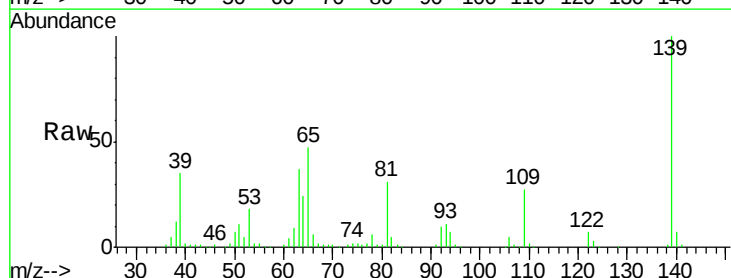
Tgt Ion: 139 Resp: 203040

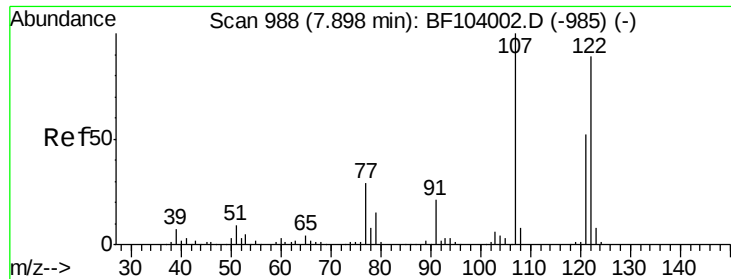
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 47.3 40.5 60.7

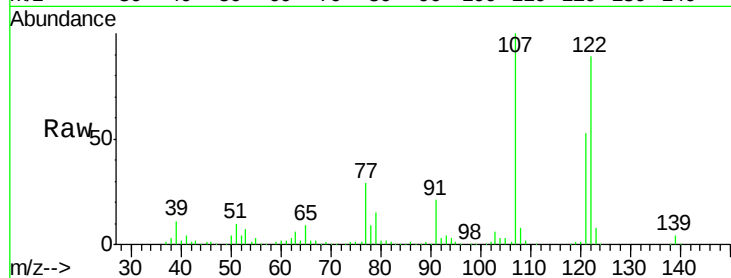




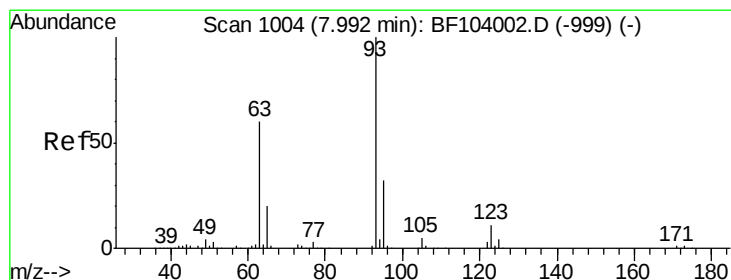
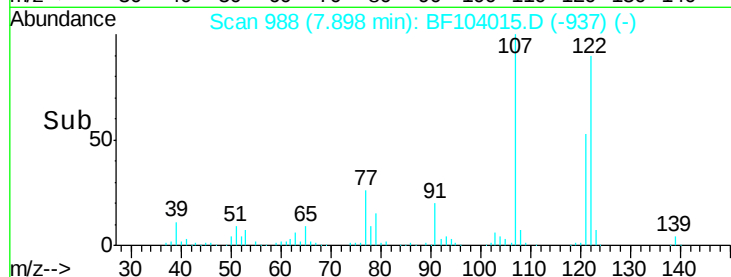
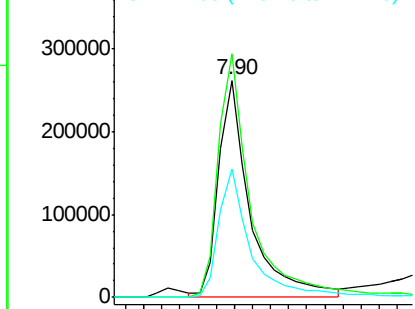
#27
2,4-Dimethylphenol
Concen: 43.177 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 317849
Ion Ratio Lower Upper
122 100
107 112.1 91.2 136.8
121 59.3 47.2 70.8

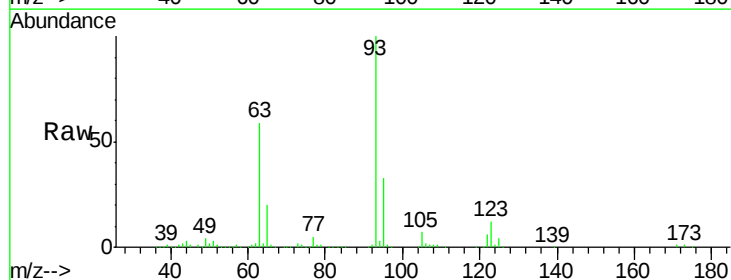


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

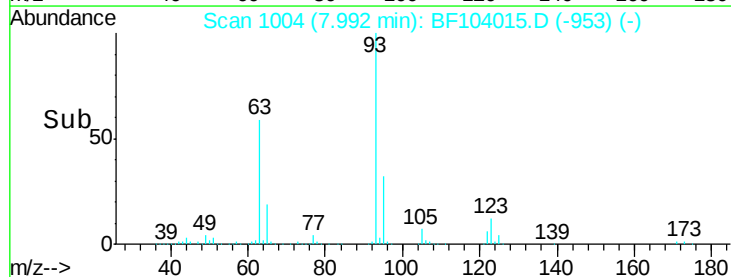
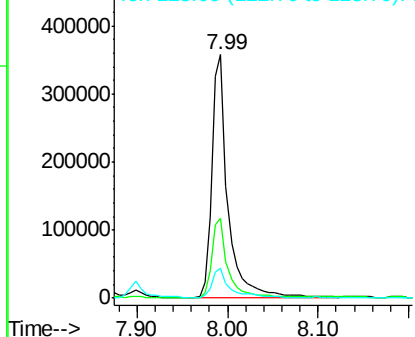


#28
bis(2-Chloroethoxy)methane
Concen: 40.869 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion: 93 Resp: 438712
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 12.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

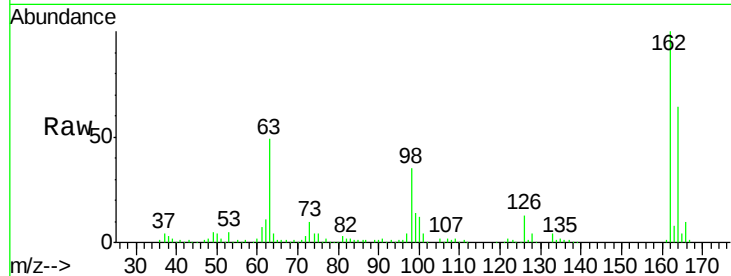




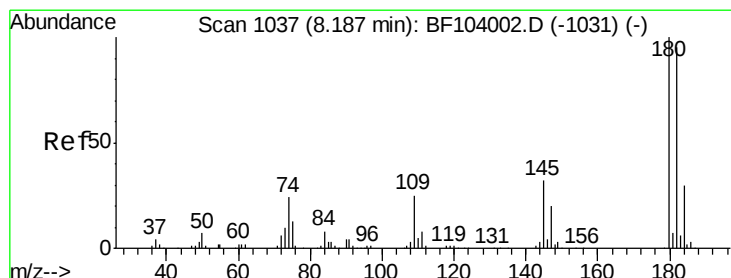
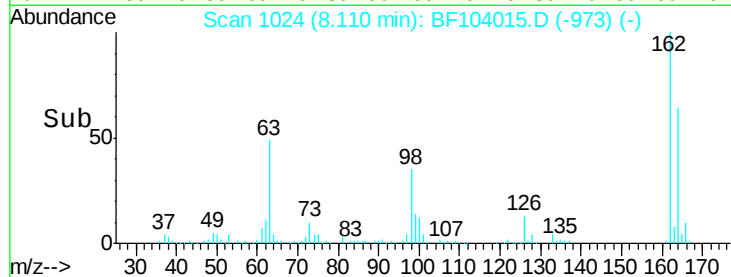
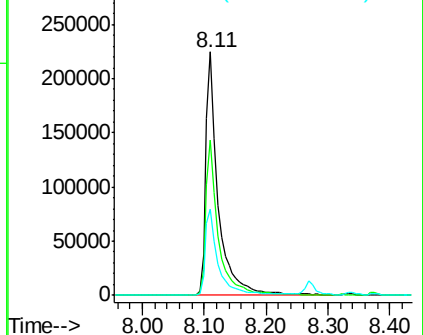
#29
 2,4-Dichlorophenol
 Concen: 40.998 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 315237
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 35.3 18.1 58.1

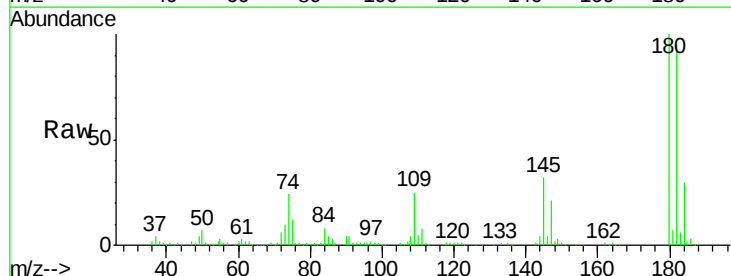


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

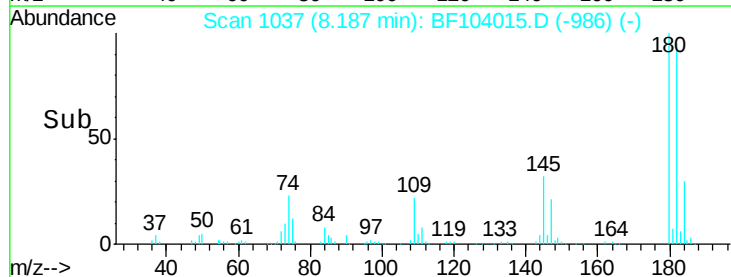
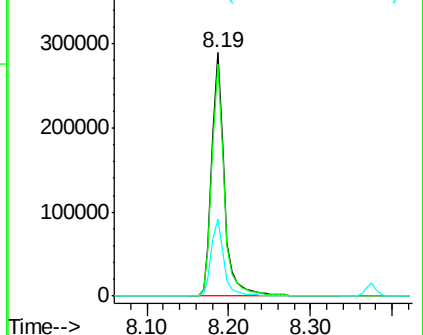


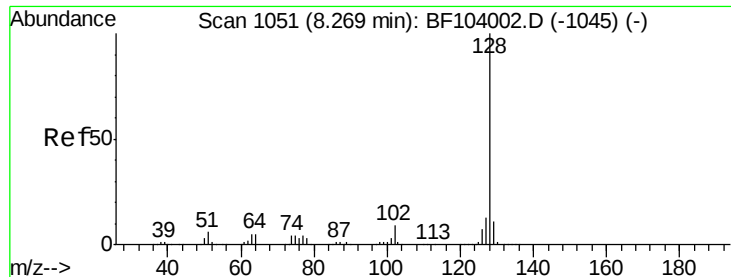
#30
 1,2,4-Trichlorobenzene
 Concen: 35.732 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:180 Resp: 311735
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 32.0 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

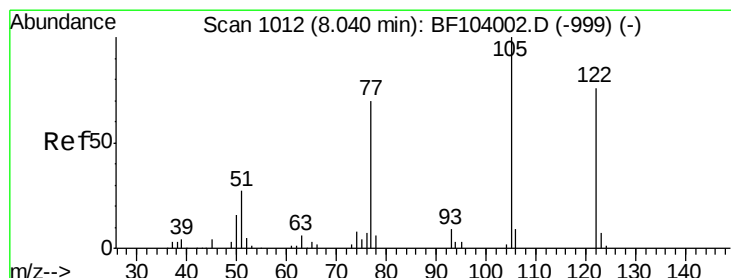
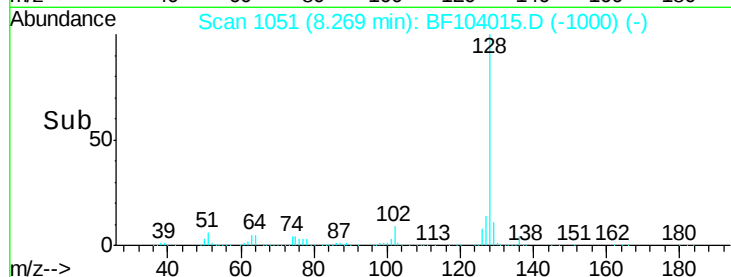
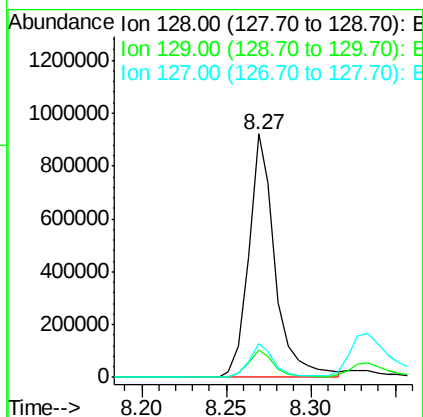
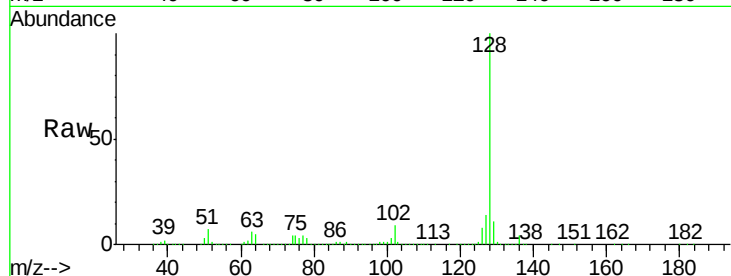




#31
Naphthalene
Concen: 36.223 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

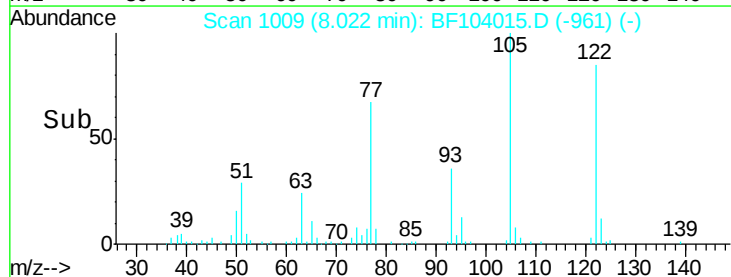
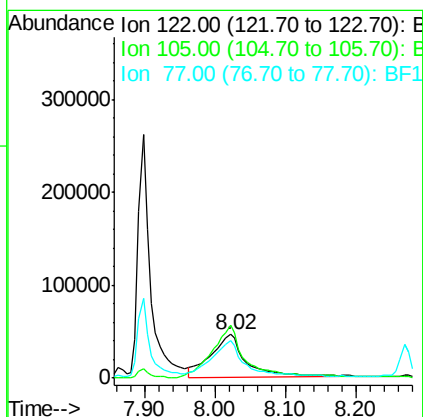
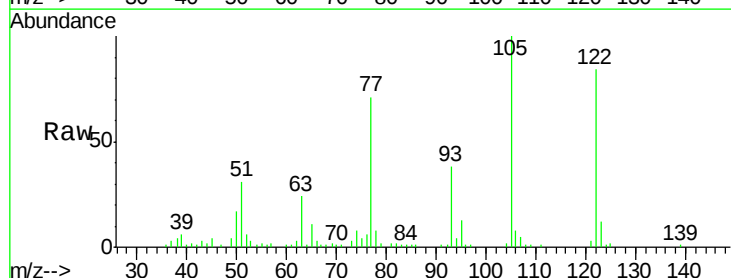
Instrument :
BNA_F
ClientSampleId :

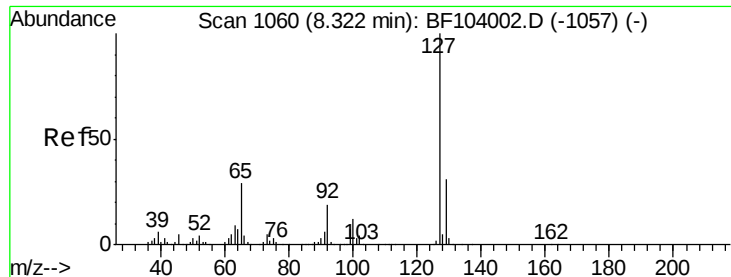
Tot Ion:128 Resp: 1005792
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 28.640 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:122 Resp: 154452
Ion Ratio Lower Upper
122 100
105 119.5 101.1 141.1
77 84.4 70.7 110.7

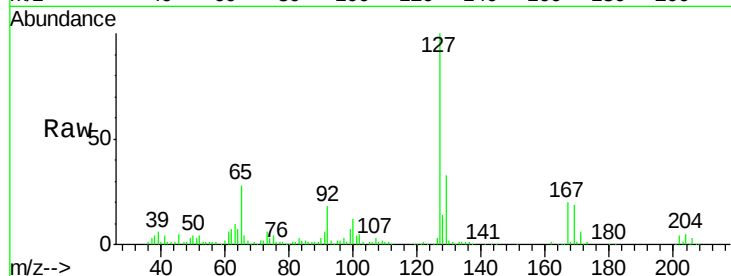




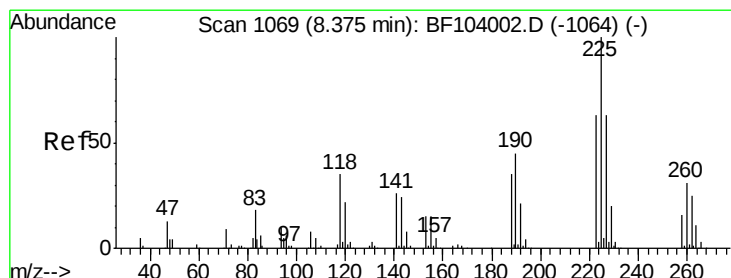
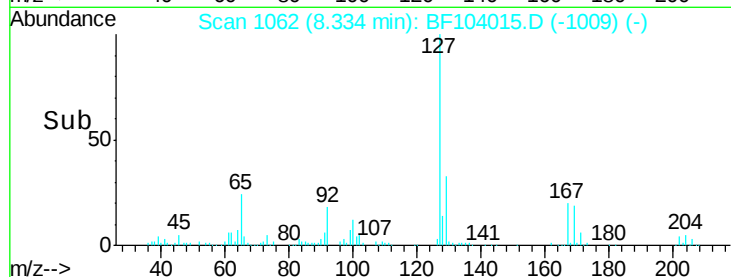
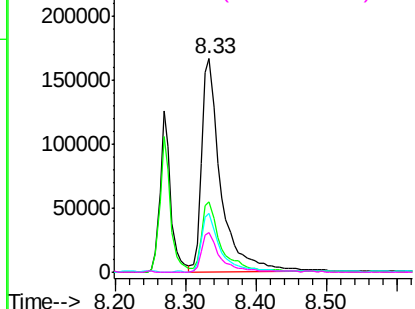
#33
4-Chloroaniline
Concen: 26.897 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	314862
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	27.5	25.0	37.4
92	18.4	15.2	22.8

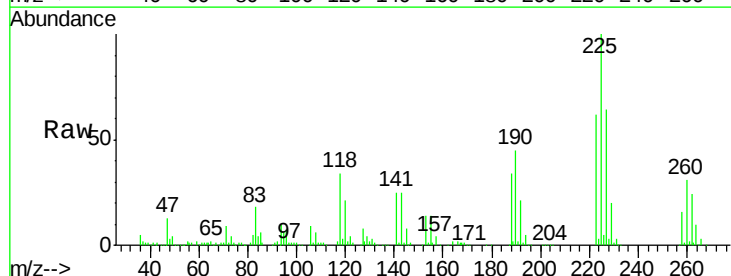


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

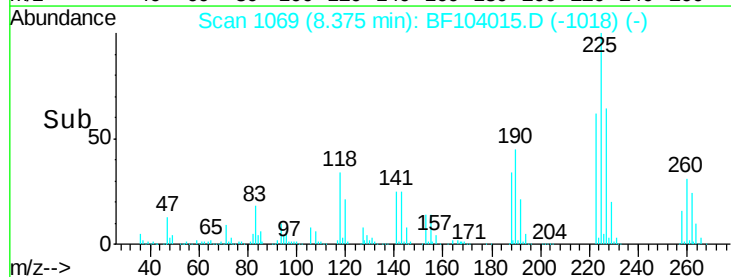
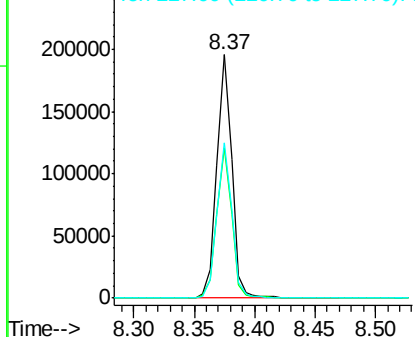


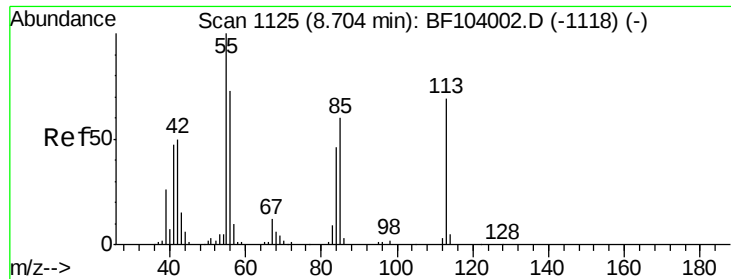
#34
Hexachlorobutadiene
Concen: 35.092 ng
RT: 8.37 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:	225	Resp:	166596
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.6	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

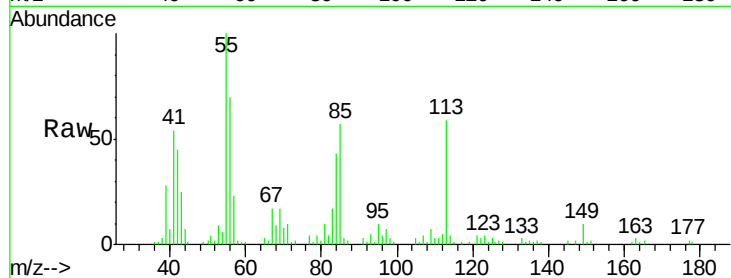




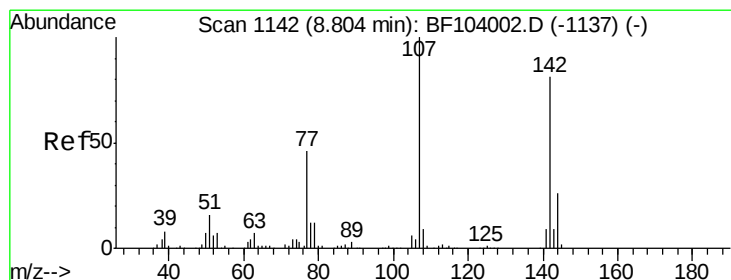
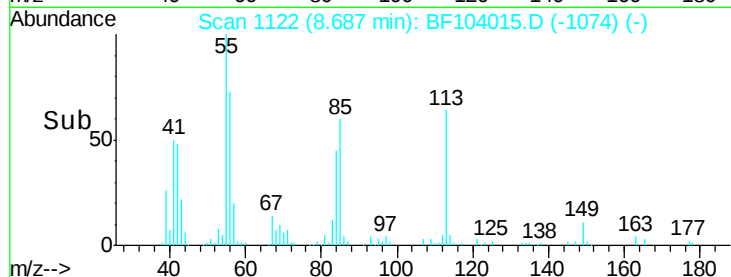
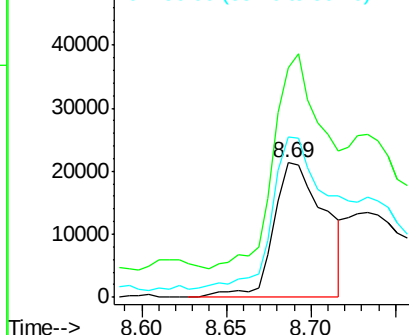
#35
Caprolactam
Concen: 18.511 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 45131
Ion Ratio Lower Upper
113 100
55 170.1 163.3 203.3
56 118.8 115.7 155.7

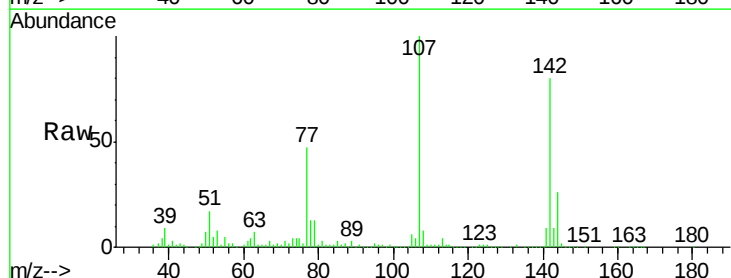


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

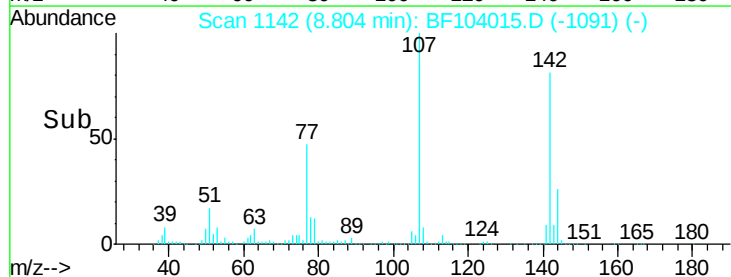
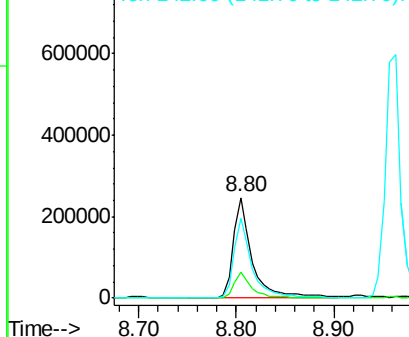


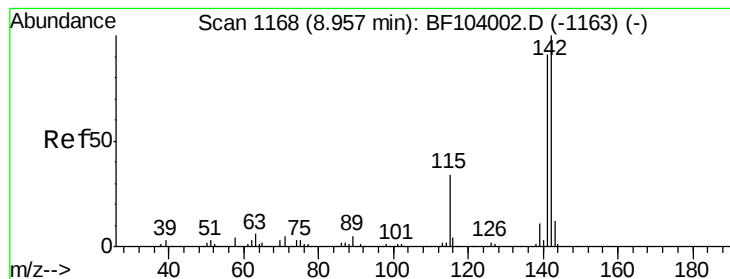
#36
4-Chloro-3-methylphenol
Concen: 40.230 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:107 Resp: 327184
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 79.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.925 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

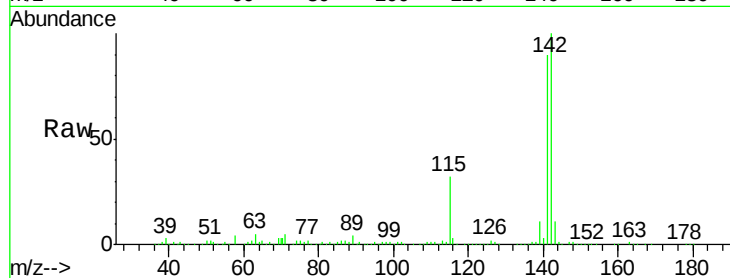
Tot Ion:142 Resp: 675361

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

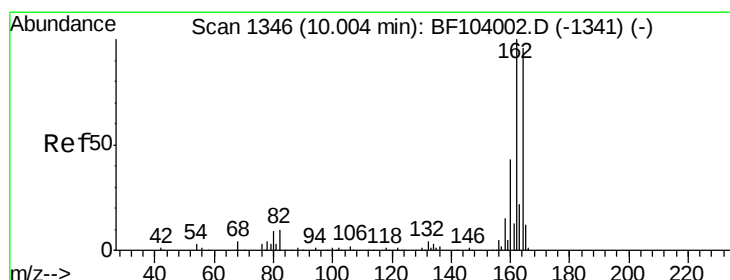
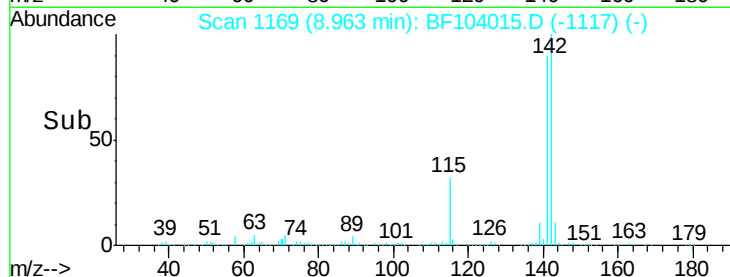
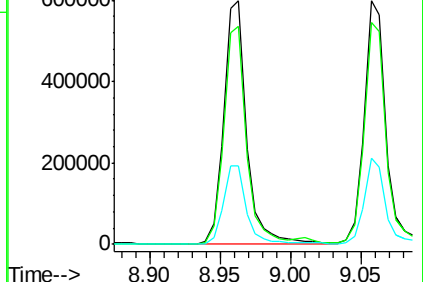
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

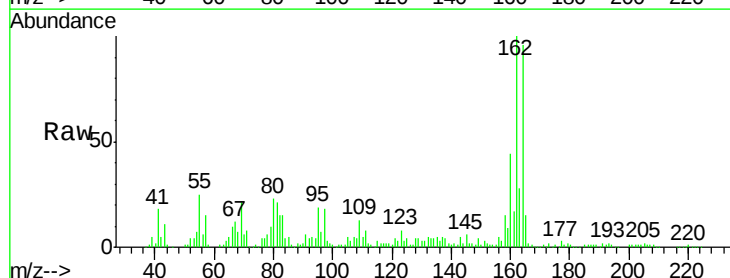
Tgt Ion:164 Resp: 235046

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

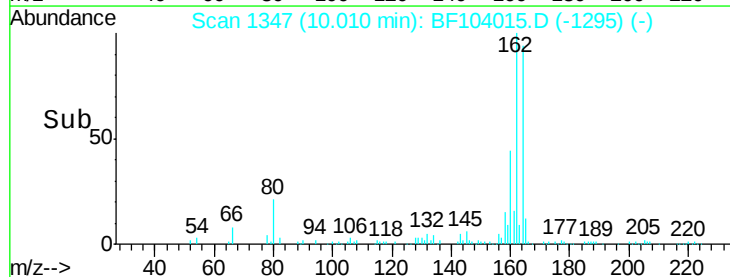
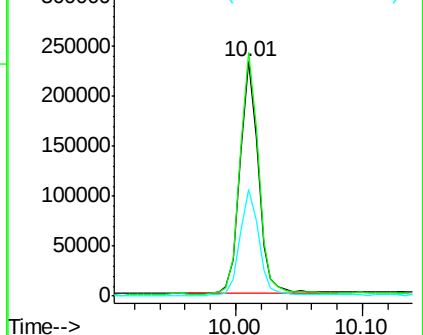
160 45.5 38.3 57.5

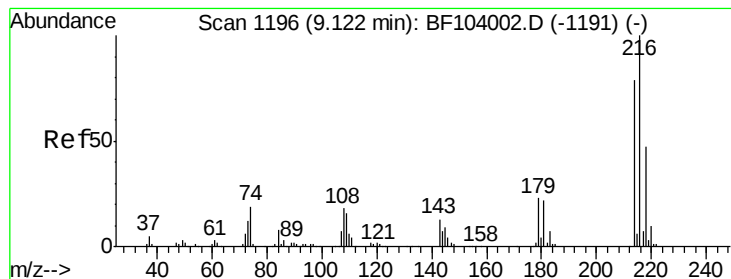


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.495 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 291880

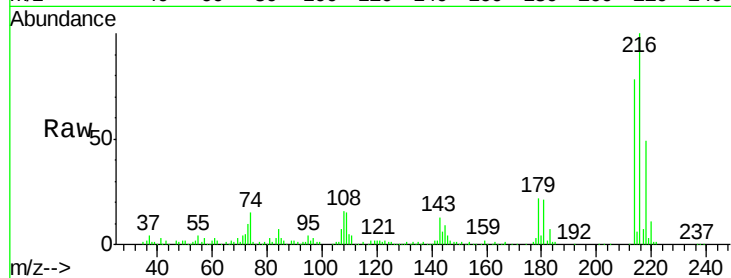
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.9 18.1 27.1

108 18.9 17.2 25.8

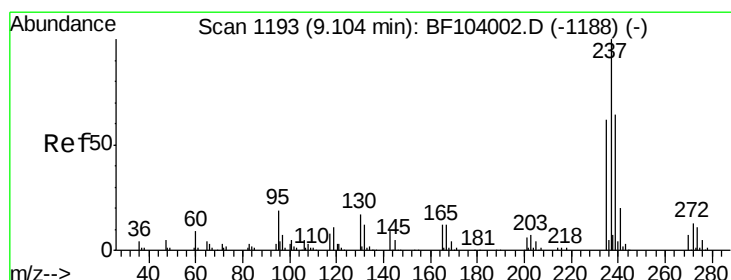
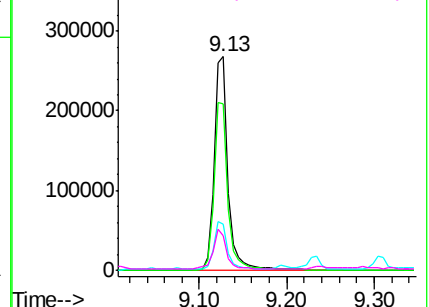
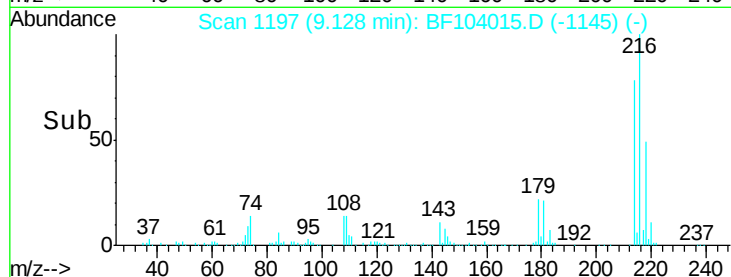


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.982 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

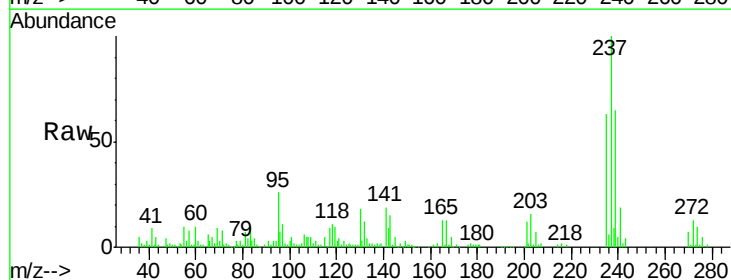
Tgt Ion:237 Resp: 85831

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

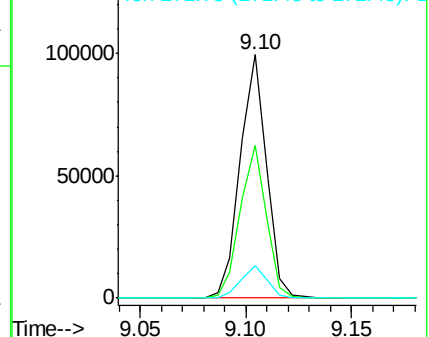
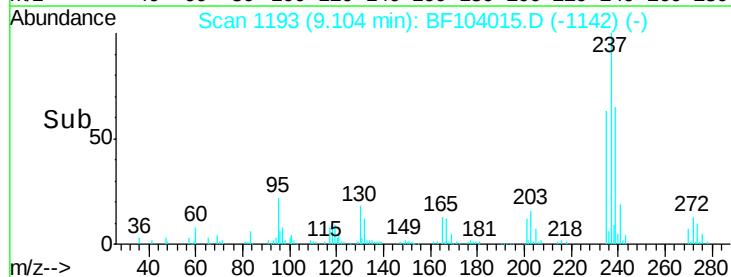
272 13.3 0.0 33.3

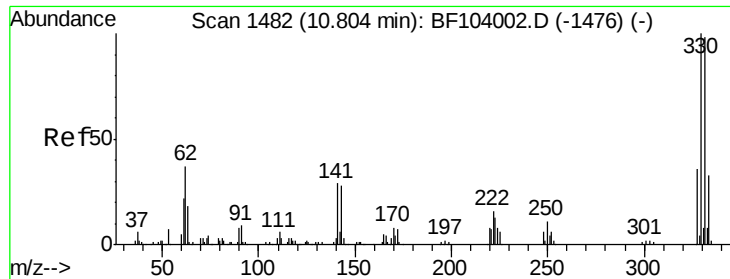


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.897 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampled :

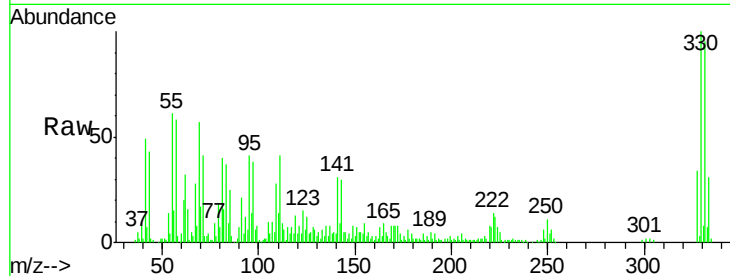
Tot Ion:330 Resp: 227431

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

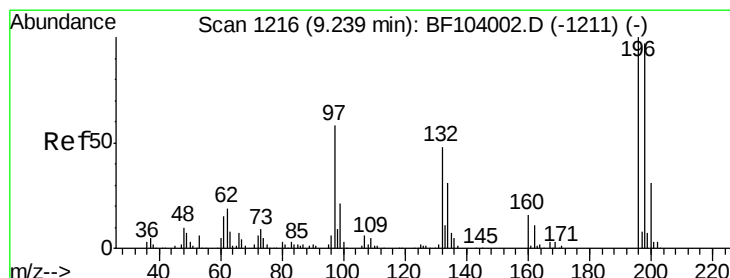
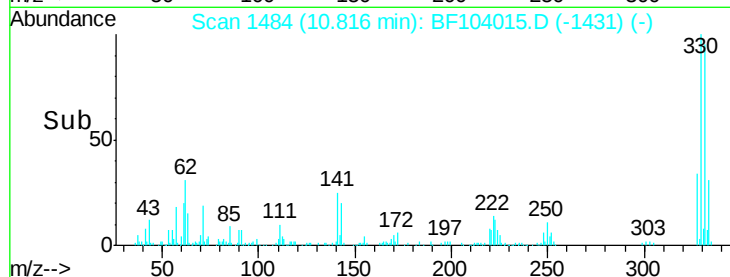
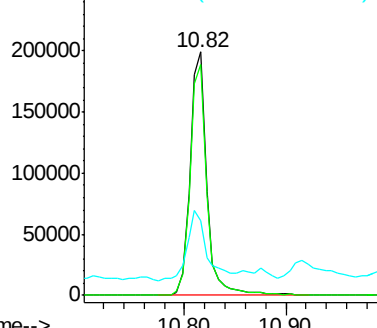
141 33.4 29.9 44.9



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: 43.246 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

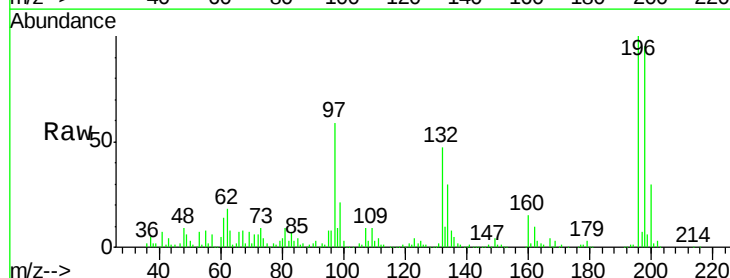
Tgt Ion:196 Resp: 197378

Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

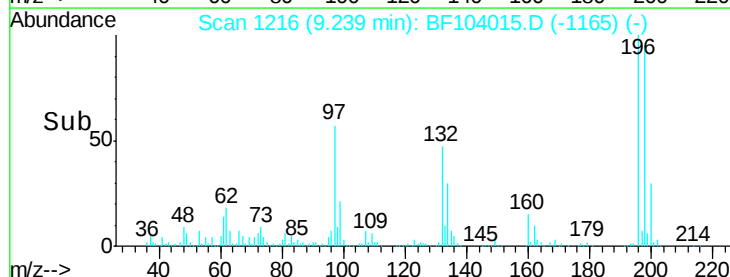
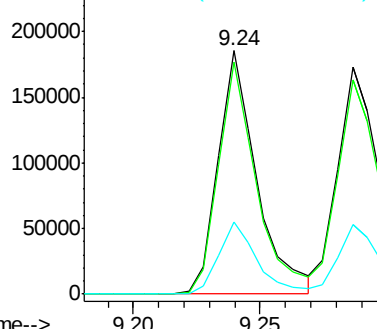
200 29.6 24.5 36.7

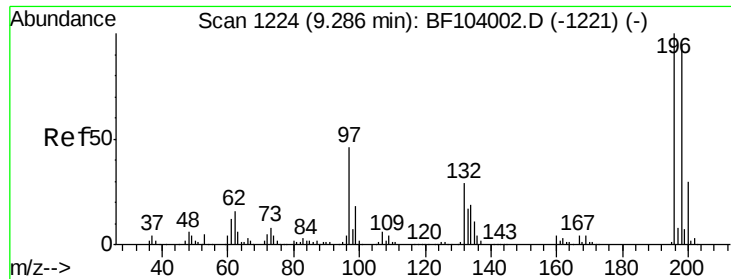


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

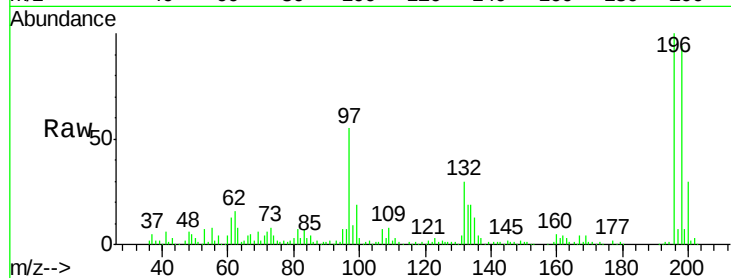




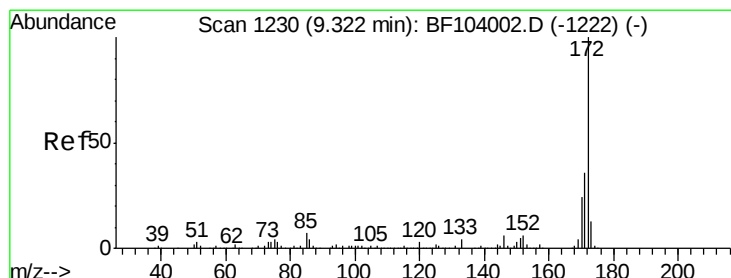
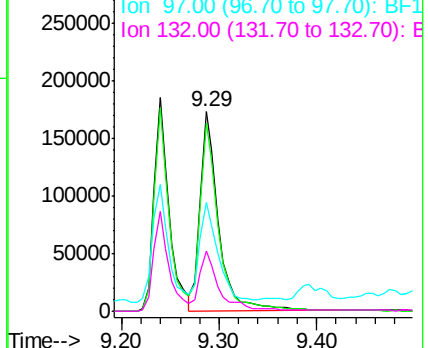
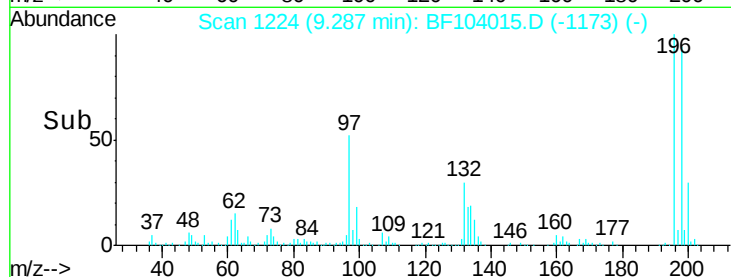
#43
 2,4,5-Trichlorophenol
 Concen: 40.748 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 224550
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 54.8 42.9 64.3
 132 30.1 26.3 39.5

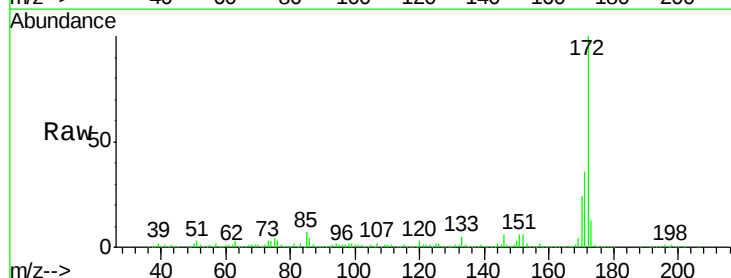


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

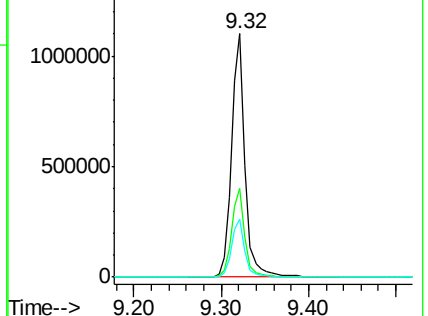
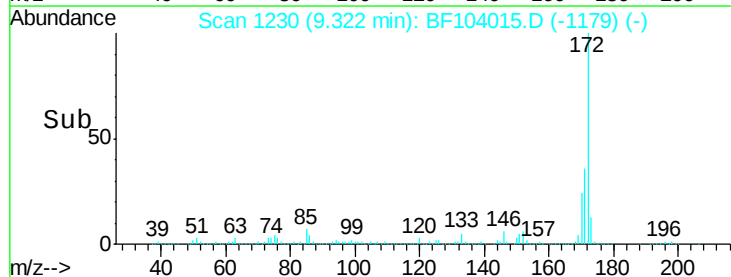


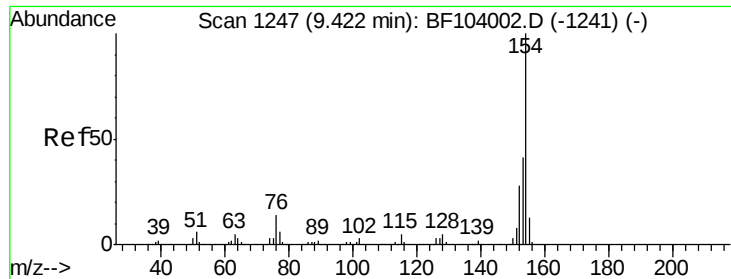
#44
 2-Fluorobiphenyl
 Concen: 78.017 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:172 Resp: 1162870
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 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

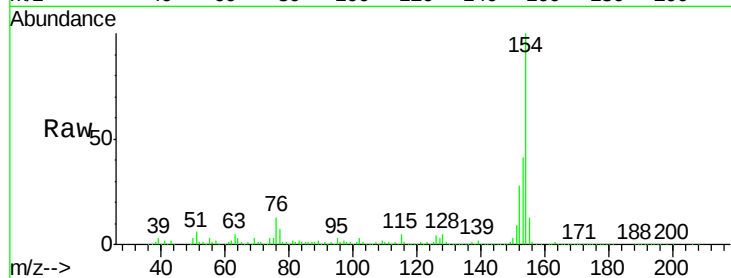




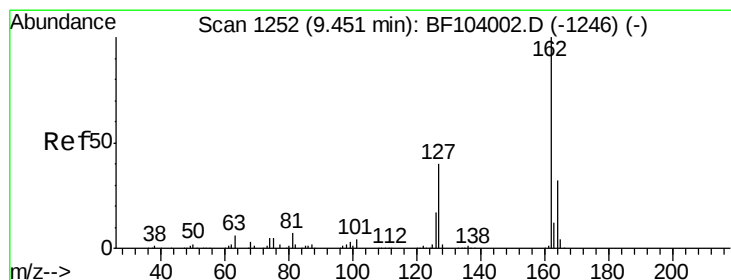
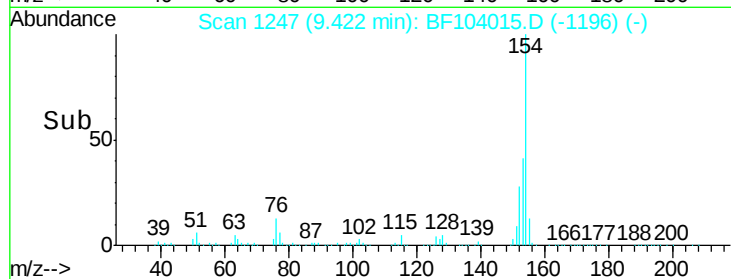
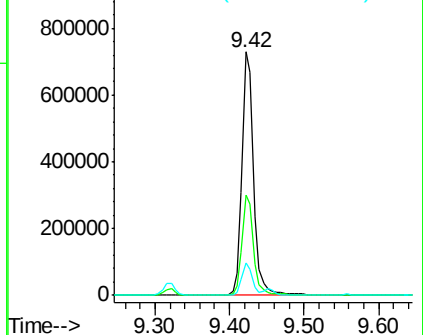
#45
 1,1'-Biphenyl
 Concen: 39.067 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154	Resp:	788121
Ion Ratio	Lower	Upper
154	100	
153	41.1	21.3 61.3
76	13.4	0.0 34.0

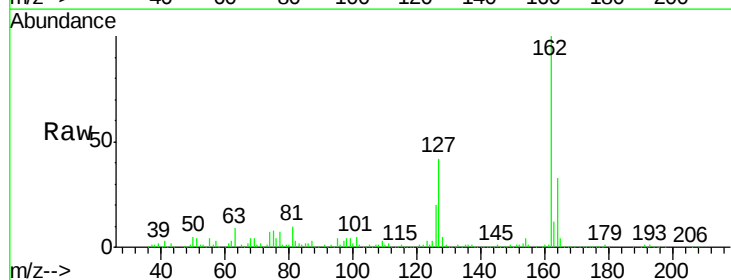


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

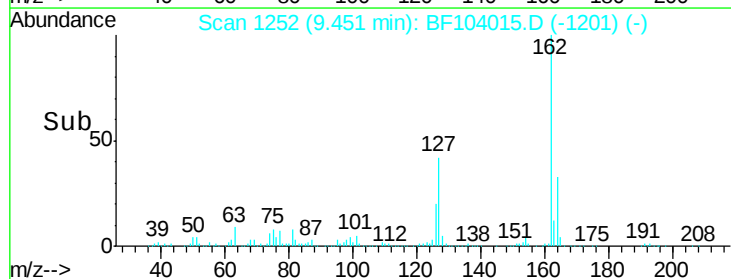
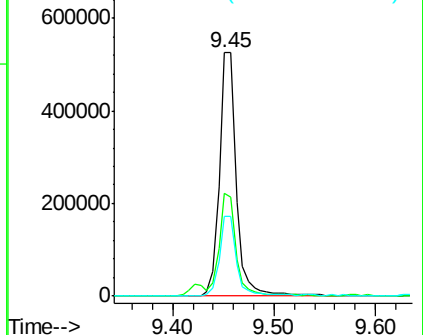


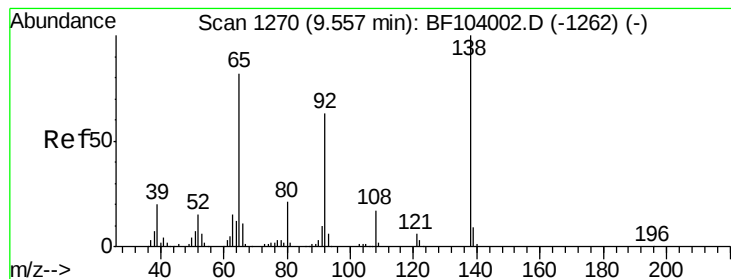
#46
 2-Chloronaphthalene
 Concen: 38.450 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:162	Resp:	611849
Ion Ratio	Lower	Upper
162	100	
127	42.2	33.9 50.9
164	32.7	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: 40.321 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampled :

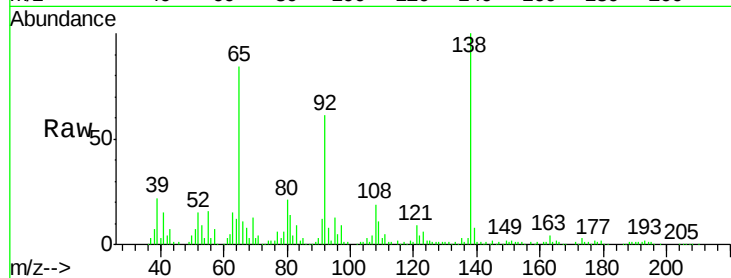
Tot Ion: 65 Resp: 182959

Ion Ratio Lower Upper

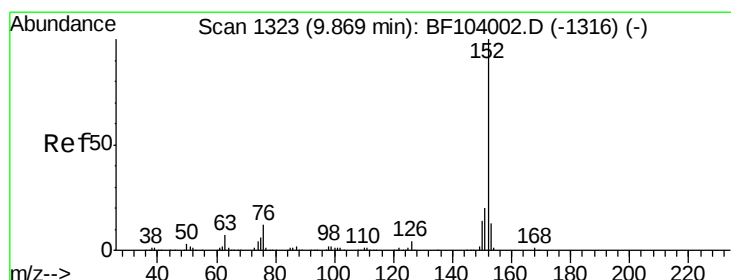
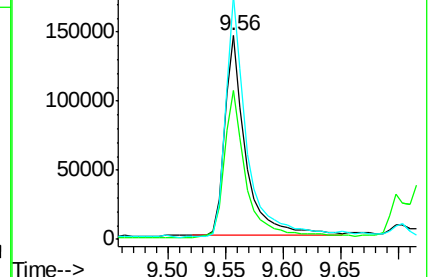
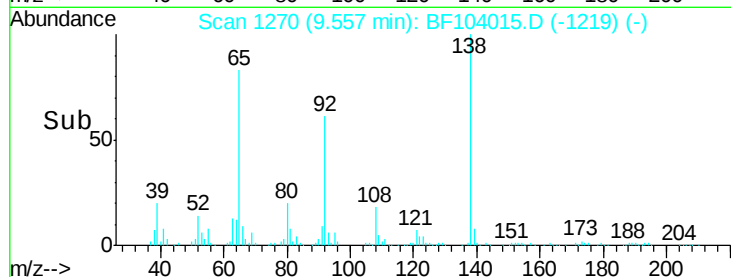
65 100

92 73.0 55.8 83.6

138 119.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 34.964 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

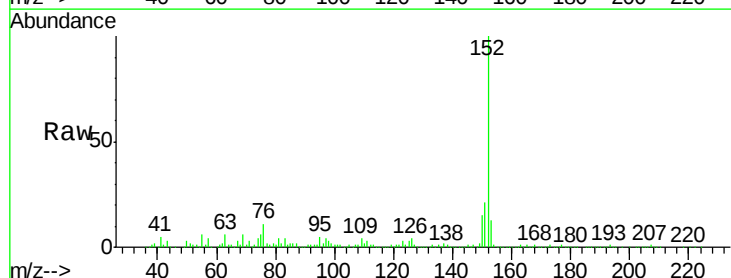
Tgt Ion: 152 Resp: 842906

Ion Ratio Lower Upper

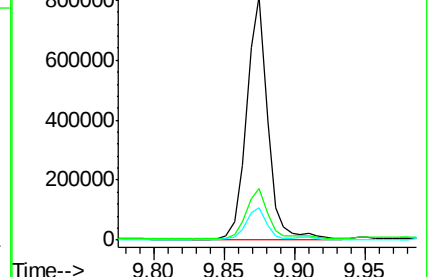
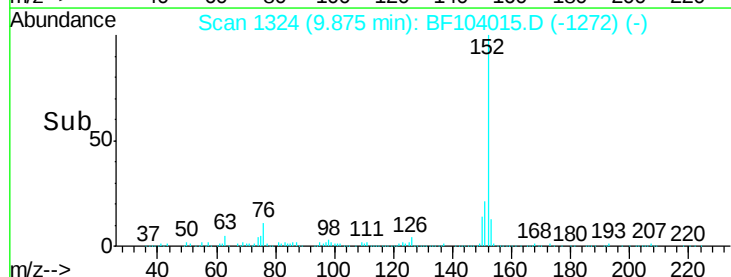
152 100

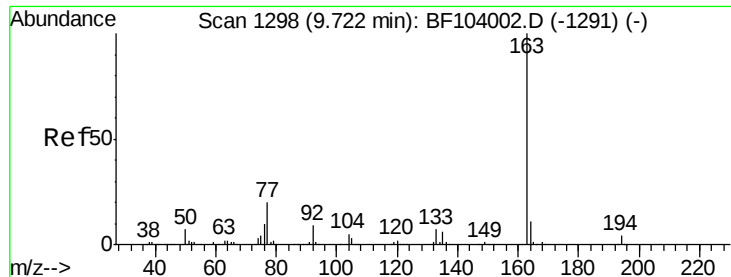
151 21.0 16.3 24.5

153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

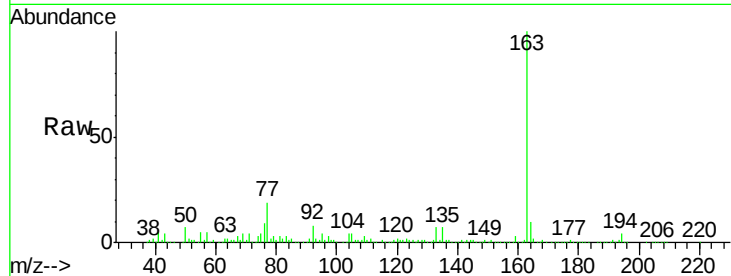




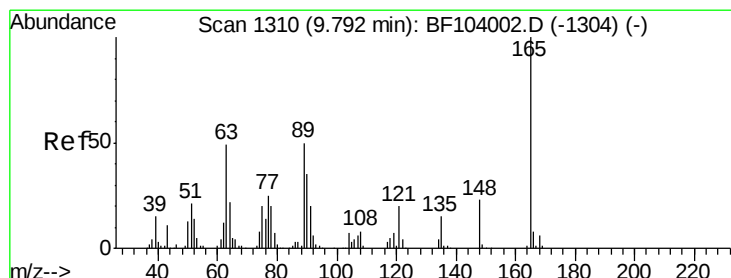
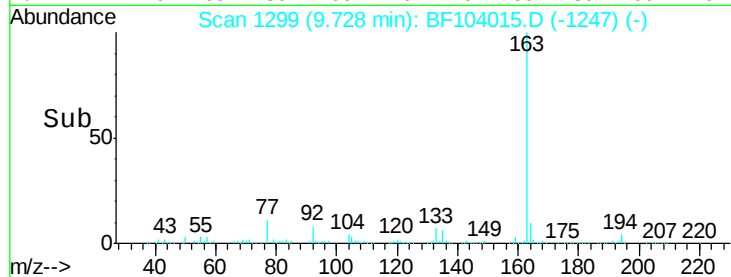
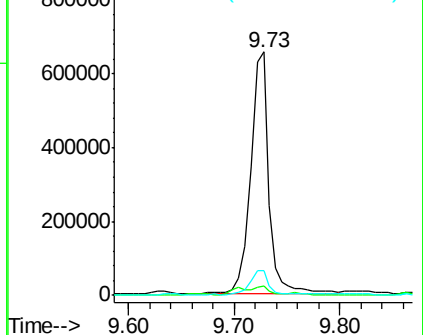
#49
Dimethylphthalate
Concen: 43.055 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 798992
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.2 12.2

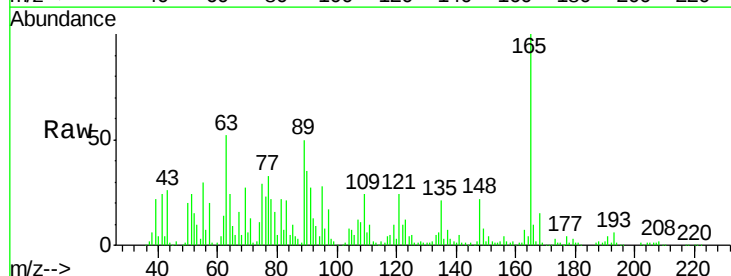


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

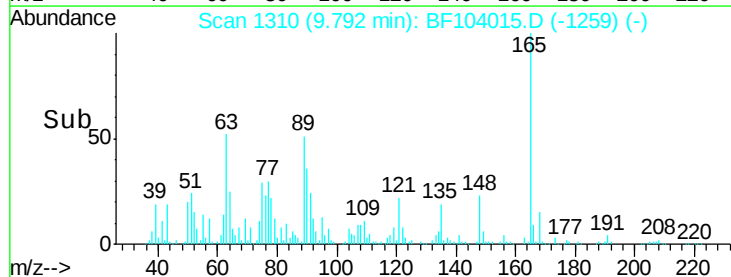
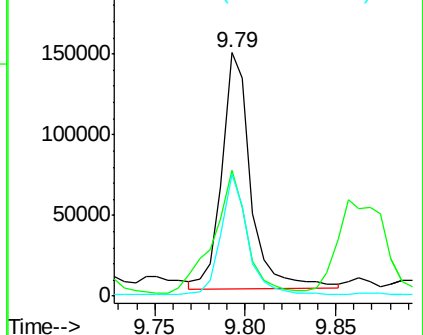


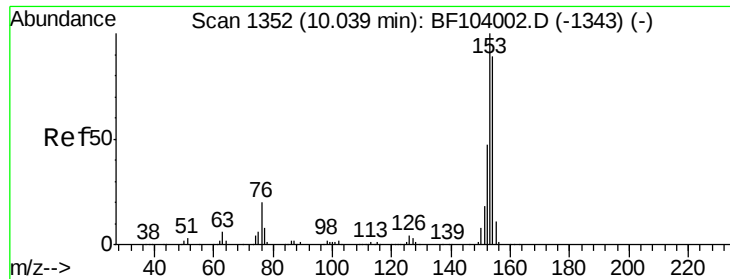
#50
2,6-Dinitrotoluene
Concen: 40.535 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:165 Resp: 161836
Ion Ratio Lower Upper
165 100
63 51.8 44.7 67.1
89 50.0 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: 34.149 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

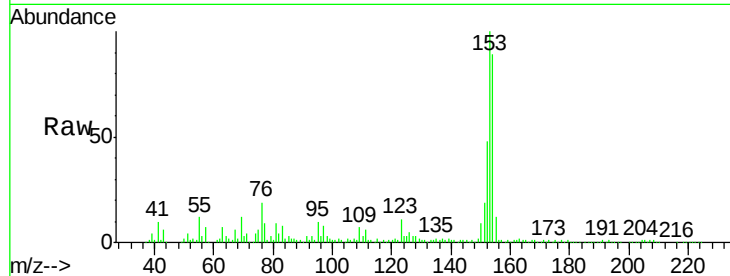
Tot Ion:154 Resp: 476248

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

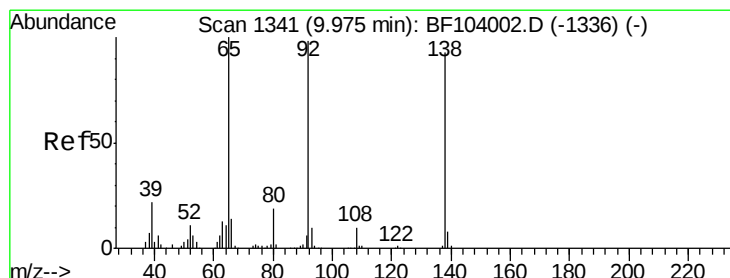
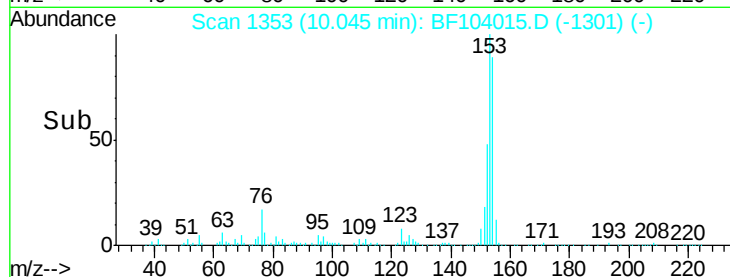
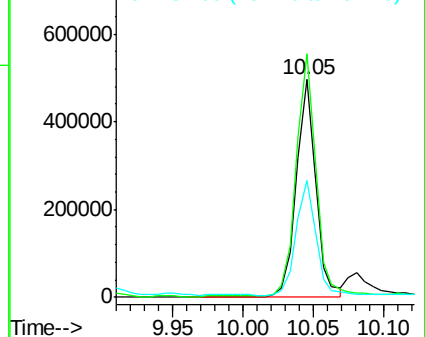
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.957 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

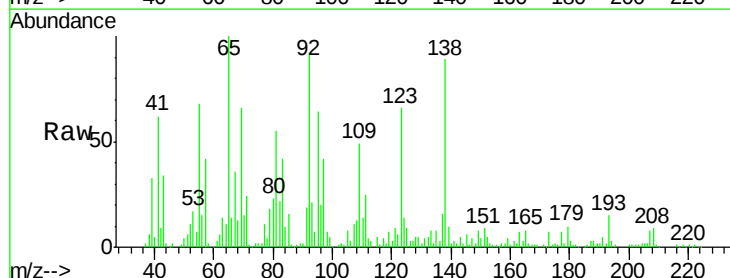
Tgt Ion:138 Resp: 142077

Ion Ratio Lower Upper

138 100

108 15.0 9.4 14.0#

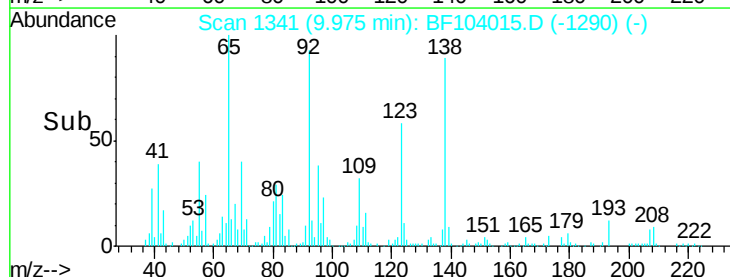
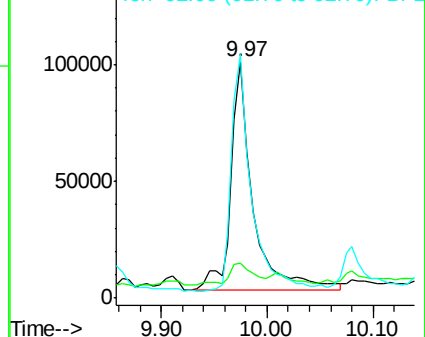
92 103.0 89.4 134.2

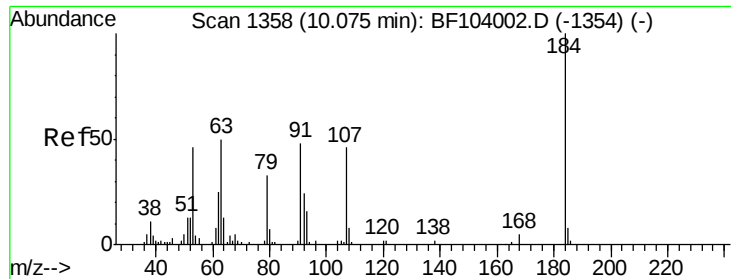


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 55.592 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

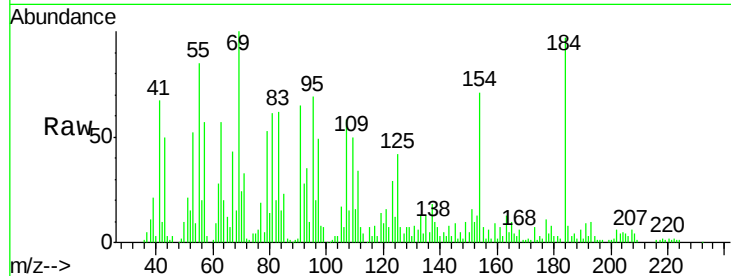
Tot Ion:184 Resp: 93712

Ion Ratio Lower Upper

184 100

63 59.0 54.2 81.2

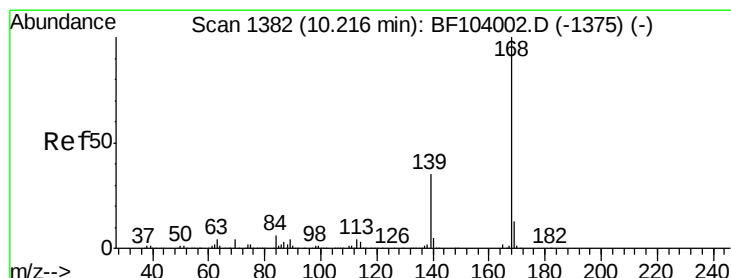
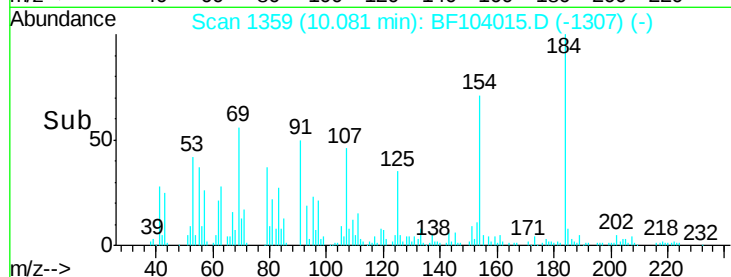
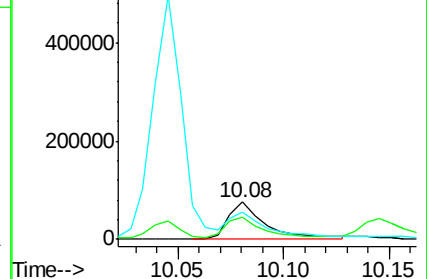
154 73.1 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.852 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

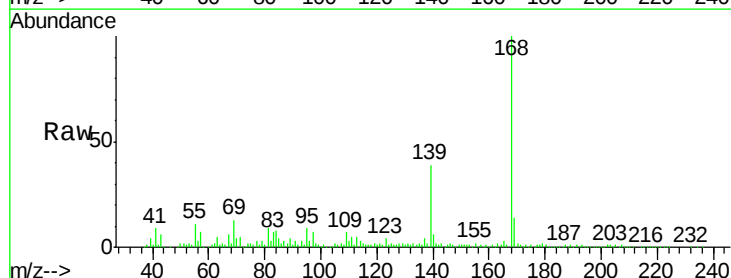
Tgt Ion:168 Resp: 709787

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

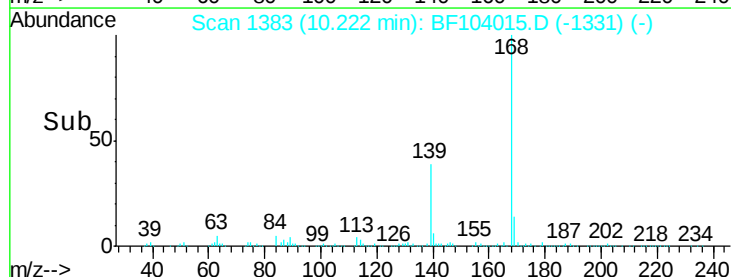
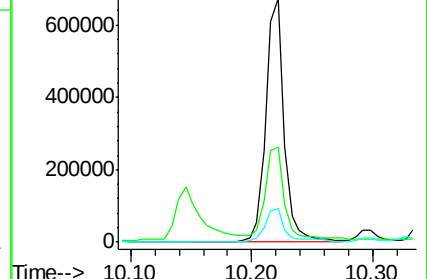
169 13.6 10.9 16.3

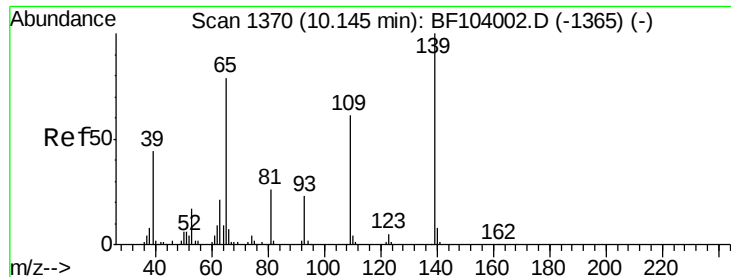


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

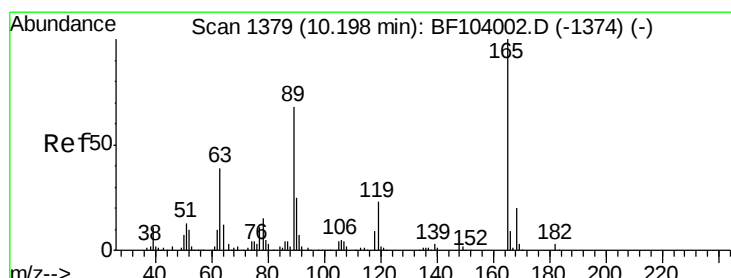
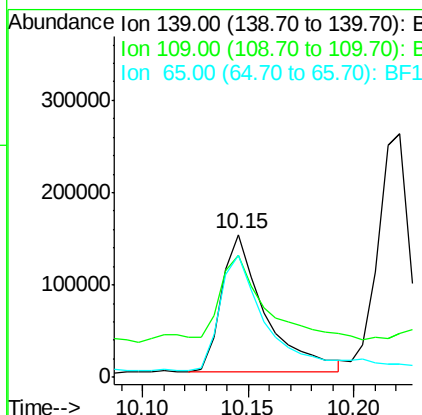
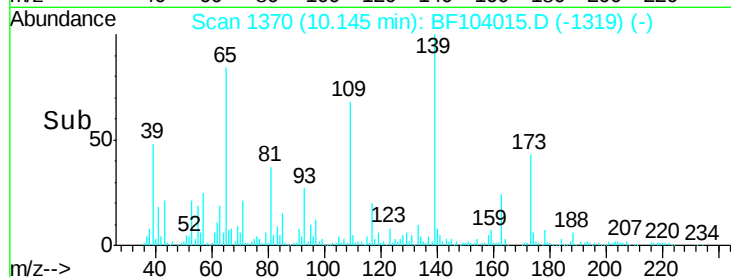
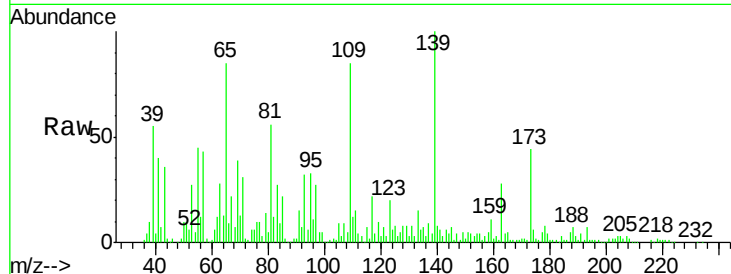




#55
4-Nitrophenol
Concen: 75.900 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

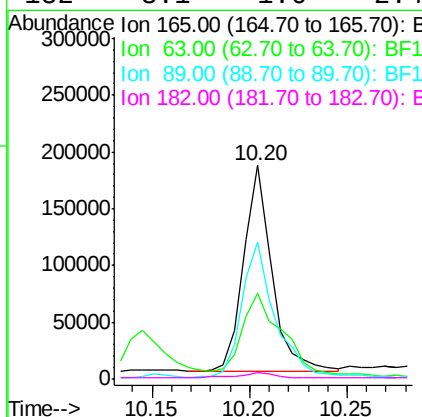
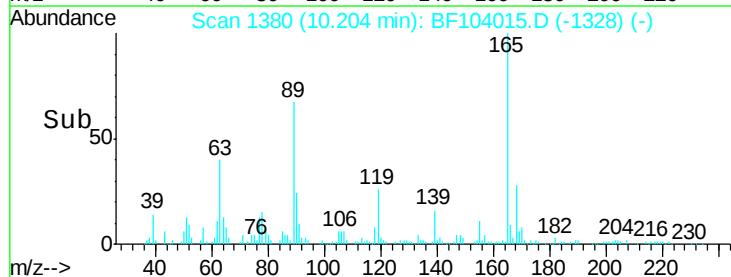
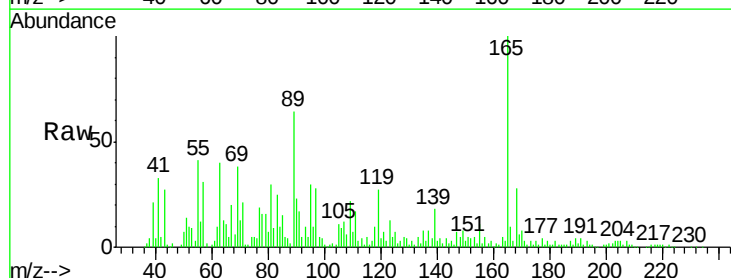
Instrument :
BNA_F
ClientSampled :

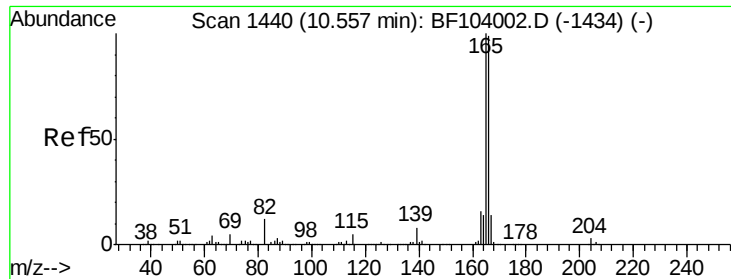
Tot Ion	Ratio	Lower	Upper
139	100		
109	85.4	48.4	88.4
65	85.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 36.267 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	36.4	54.6
89	64.0	57.8	86.6
182	3.1	1.6	2.4#





#57

Fluorene

Concen: 30.785 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

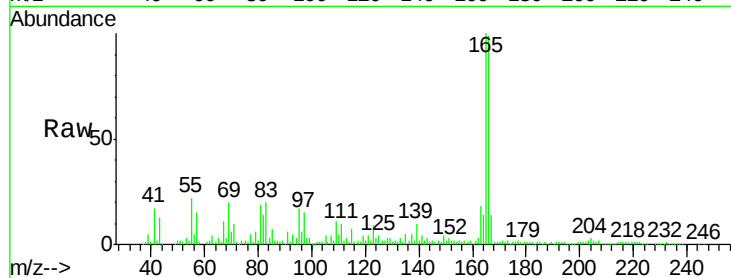
Tot Ion:166 Resp: 517158

Ion Ratio Lower Upper

166 100

165 101.4 79.8 119.8

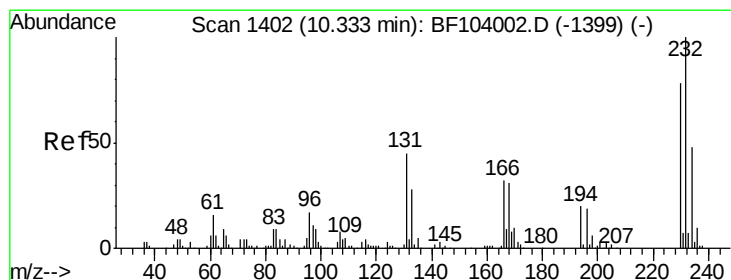
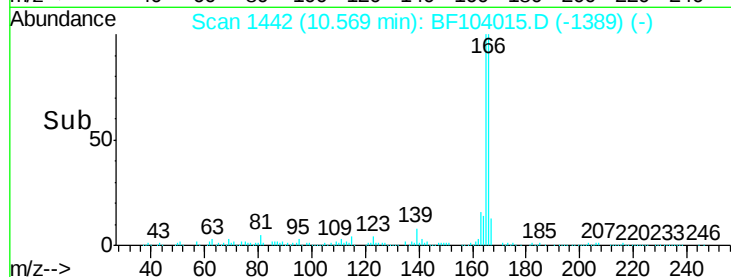
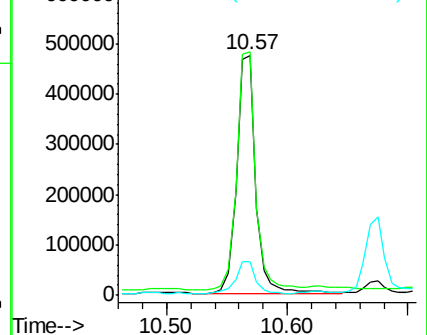
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.160 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Tgt Ion:232 Resp: 141038

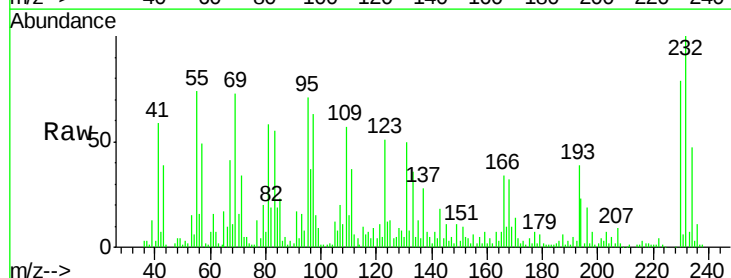
Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 1.6 2.1 3.1#

166 30.7 27.8 41.6

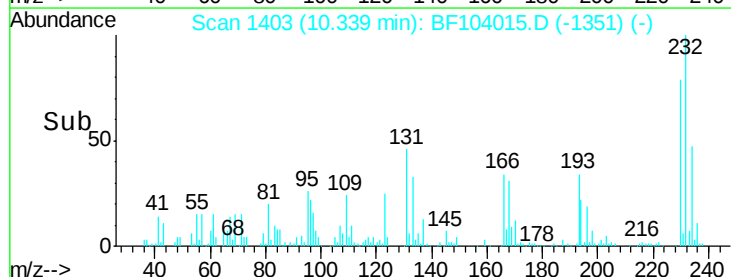
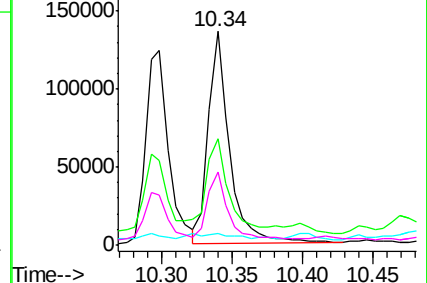


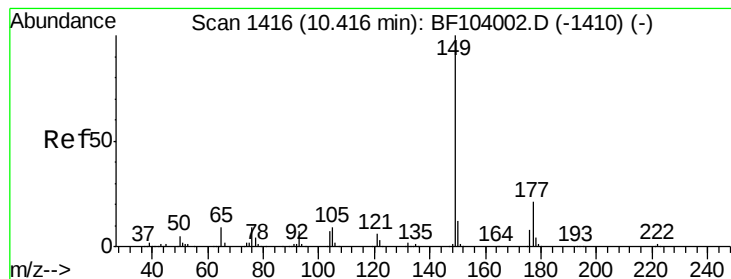
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.009 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampled :

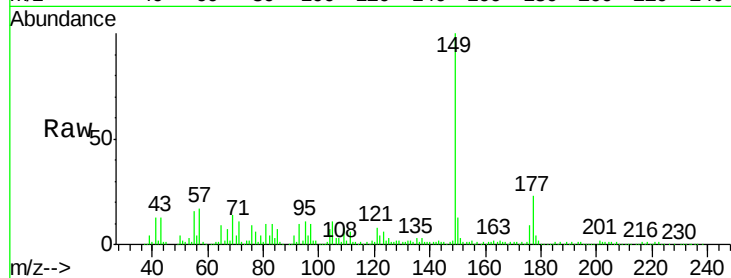
Tot Ion:149 Resp: 586838

Ion Ratio Lower Upper

149 100

177 22.8 16.1 24.1

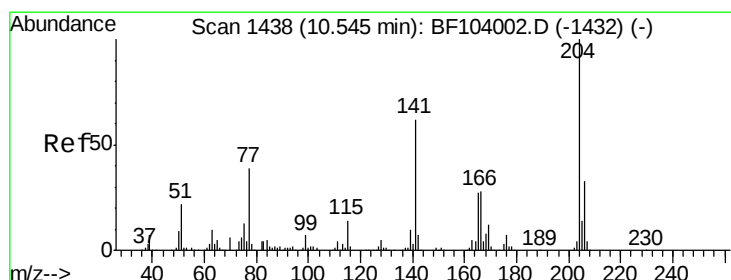
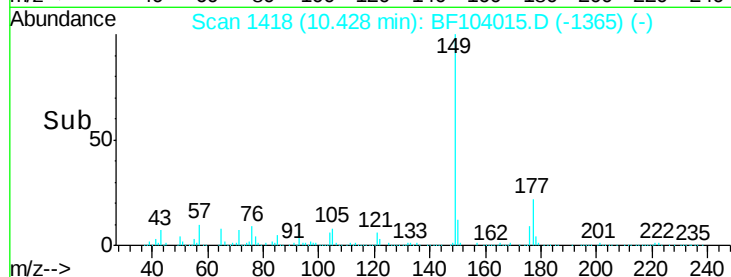
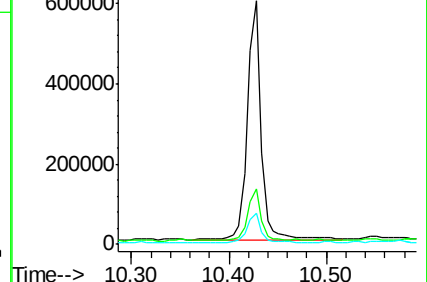
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.854 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

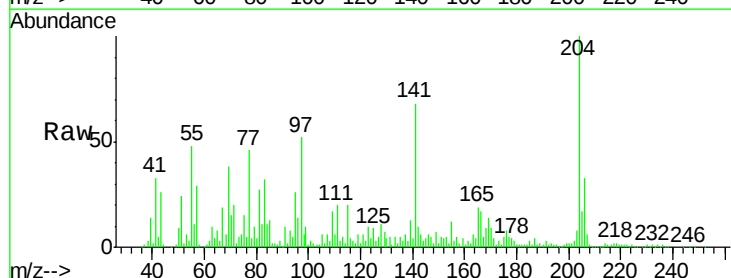
Tgt Ion:204 Resp: 245776

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

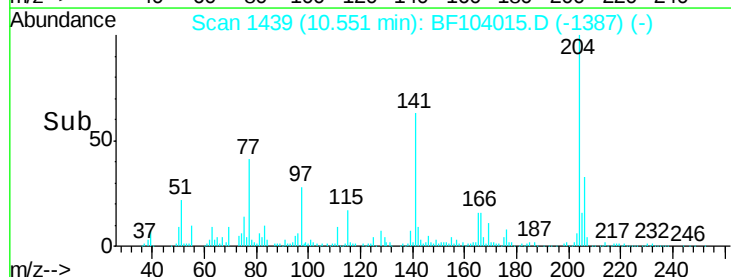
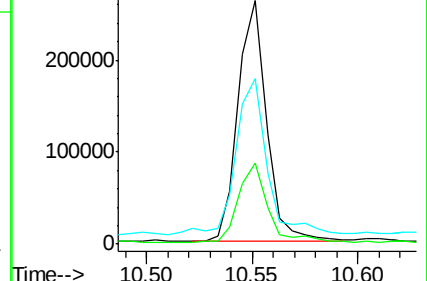
141 68.0 54.6 81.8

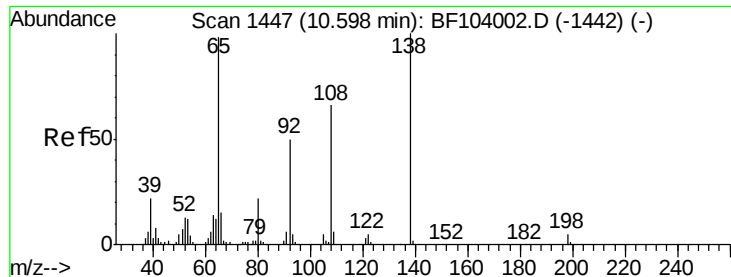


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

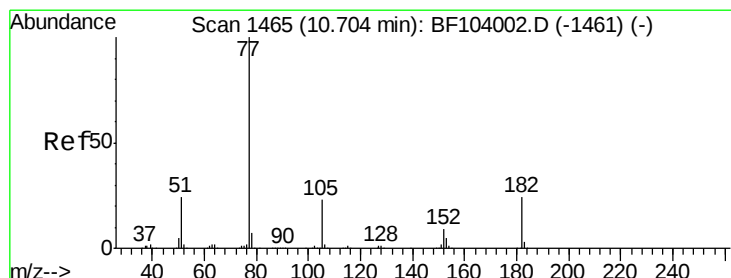
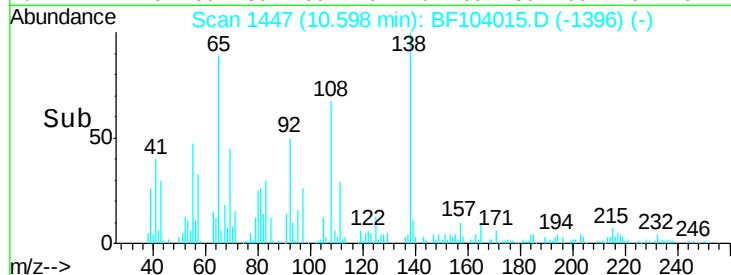
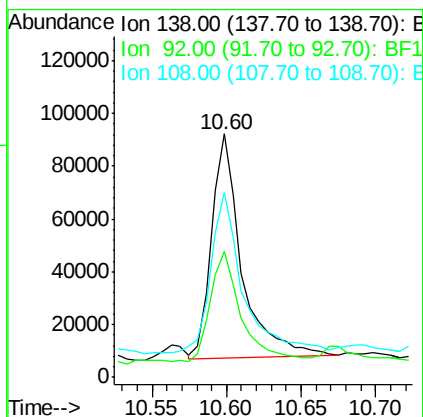
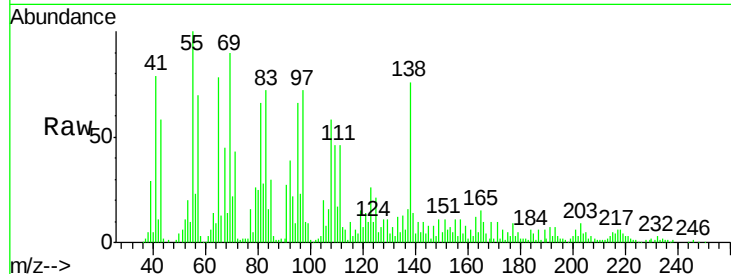




#61
4-Nitroaniline
Concen: 27.532 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

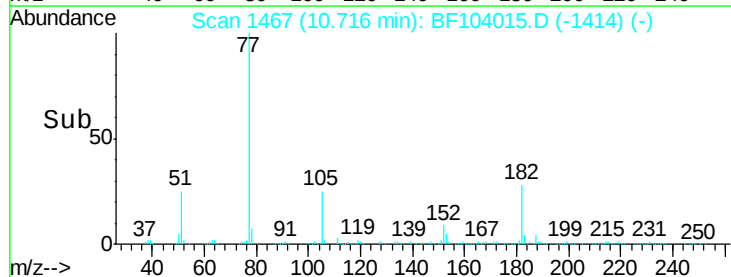
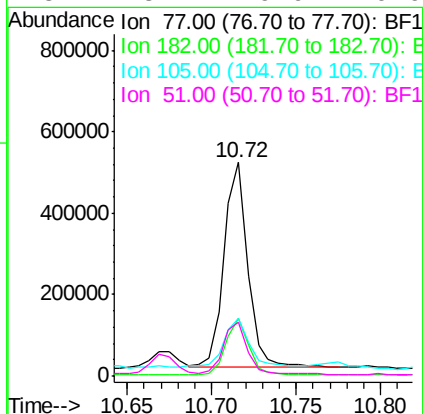
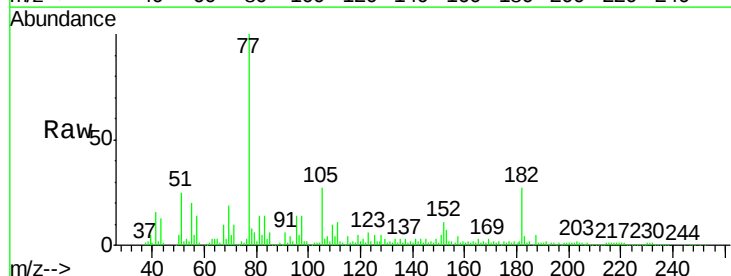
Instrument :
BNA_F
ClientSampled :

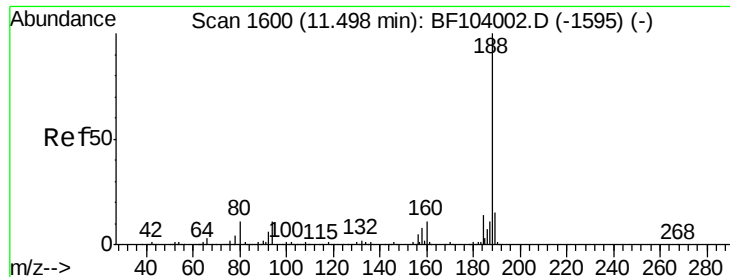
Tot Ion:138 Resp: 118236
Ion Ratio Lower Upper
138 100
92 51.6 30.2 70.2
108 75.8 52.5 92.5



#62
Azobenzene
Concen: 30.820 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion: 77 Resp: 495453
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 27.1 3.0 43.0
51 25.1 9.9 49.9

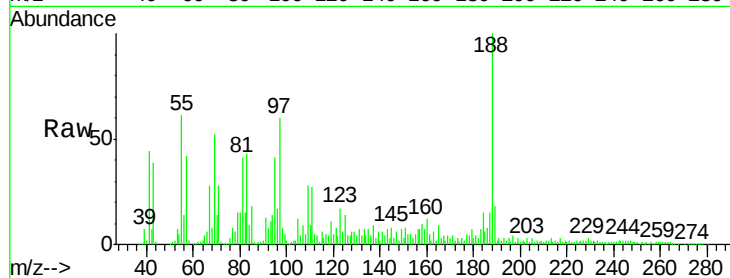




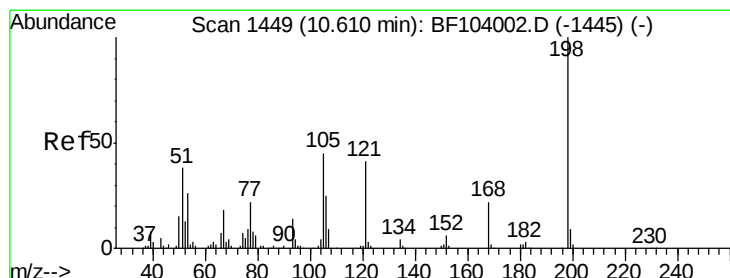
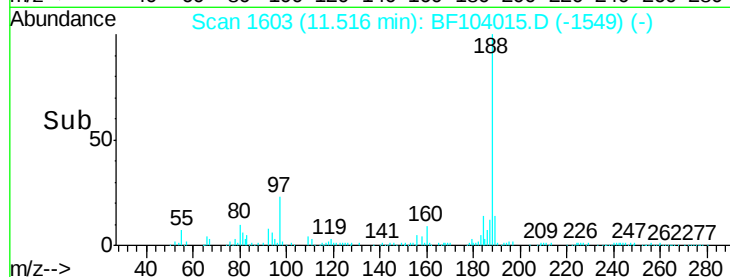
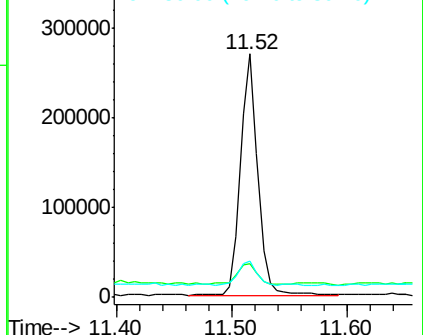
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.02 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 277659
Ion Ratio Lower Upper
188 100
94 14.0 8.5 12.7#
80 14.8 9.2 13.8#

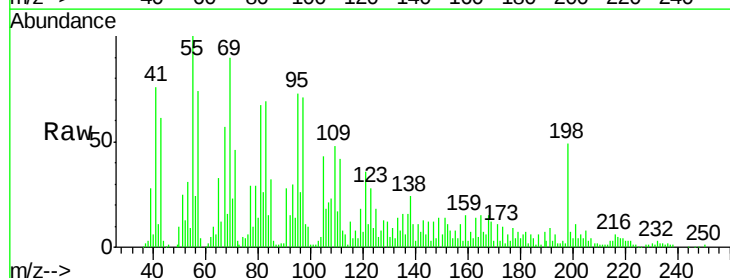


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

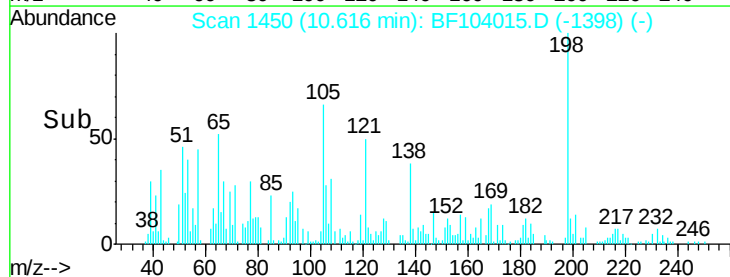
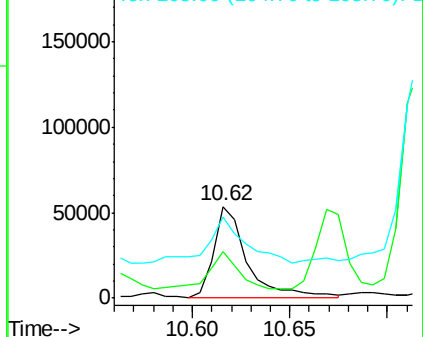


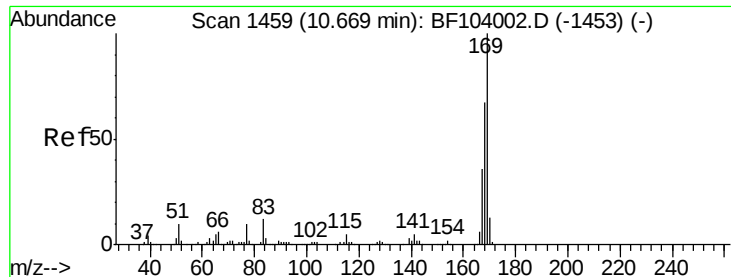
#64
4,6-Dinitro-2-methylphenol
Concen: 36.812 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:198 Resp: 61872
Ion Ratio Lower Upper
198 100
51 51.5 37.7 77.7
105 88.7 36.3 76.3#



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





#65

n-Nitrosodiphenylamine

Concen: 52.005 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

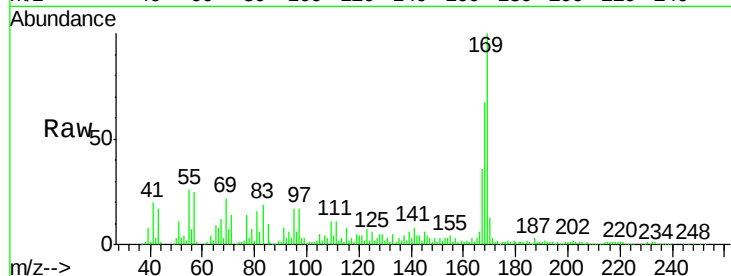
Tot Ion:169 Resp: 489028

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

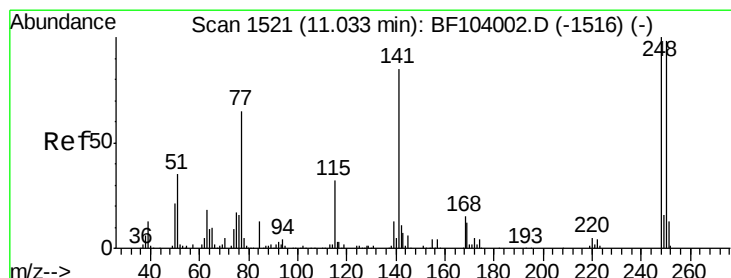
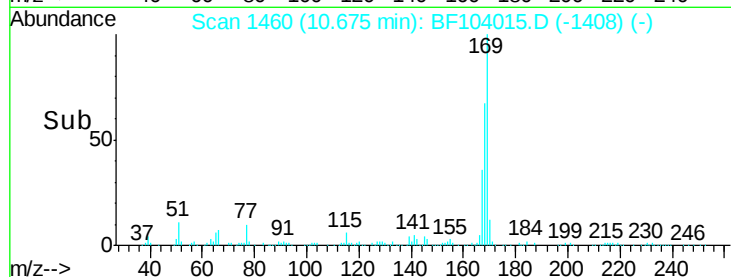
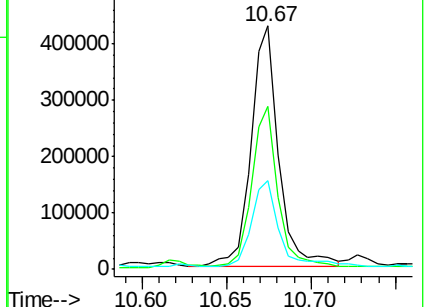
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.480 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

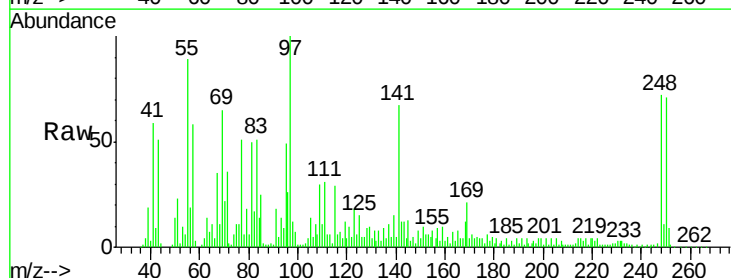
Tgt Ion:248 Resp: 138071

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

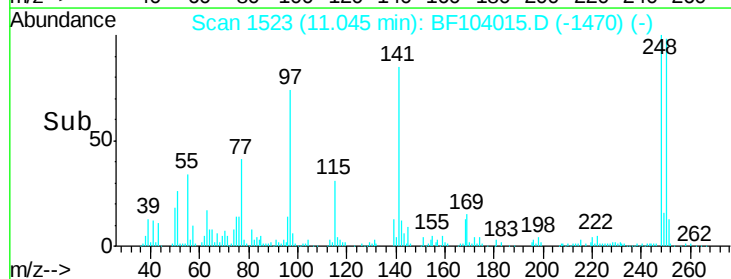
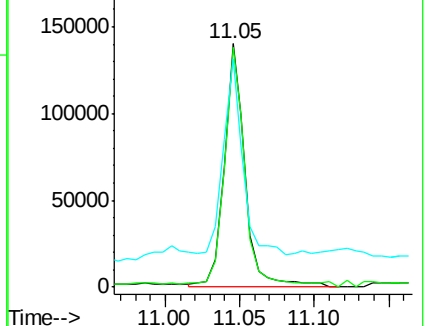
141 93.8 74.4 111.6

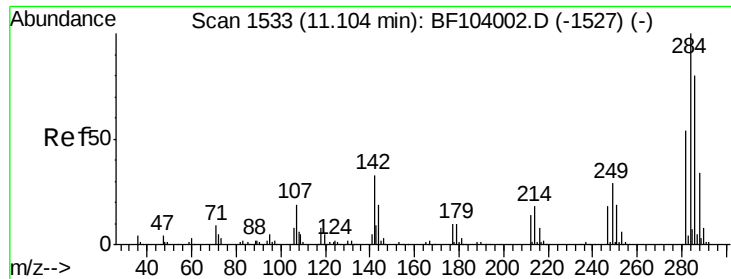


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

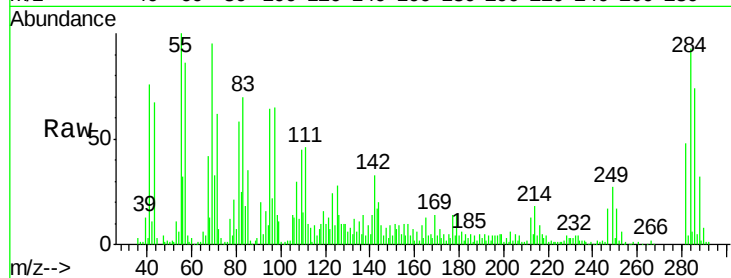




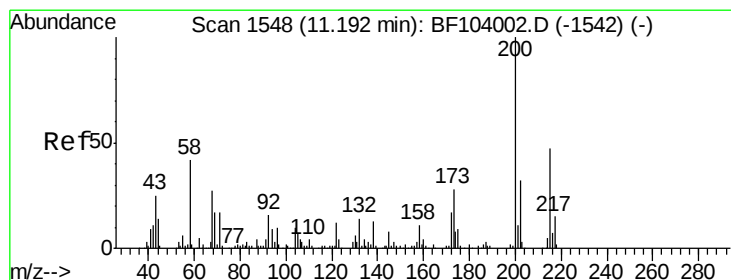
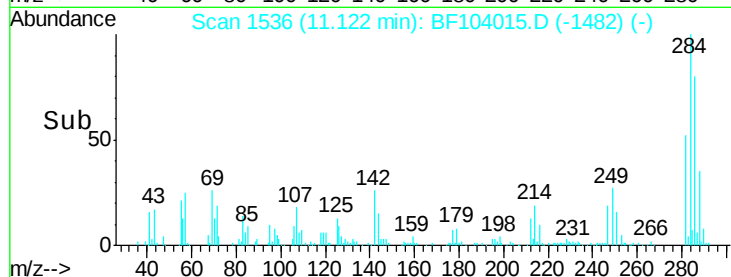
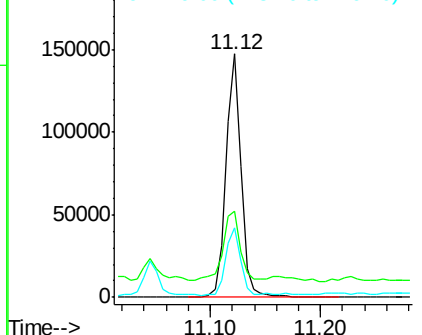
#67
Hexachlorobenzene
Concen: 41.644 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.02 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 142298
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 28.7 24.8 37.2

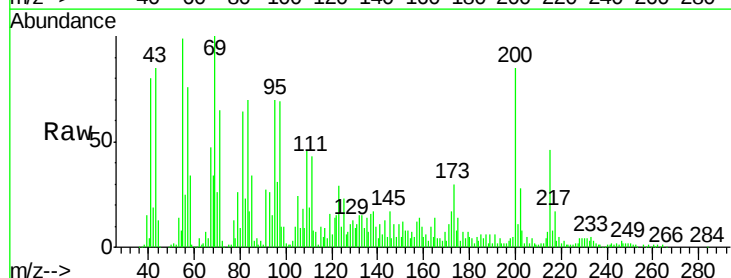


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

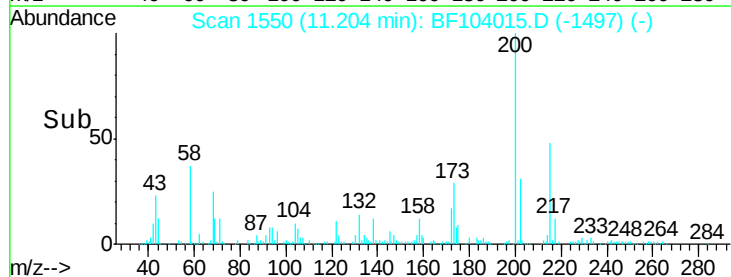
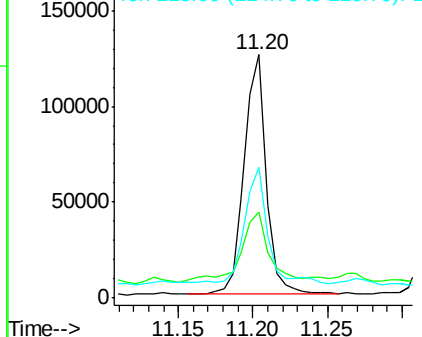


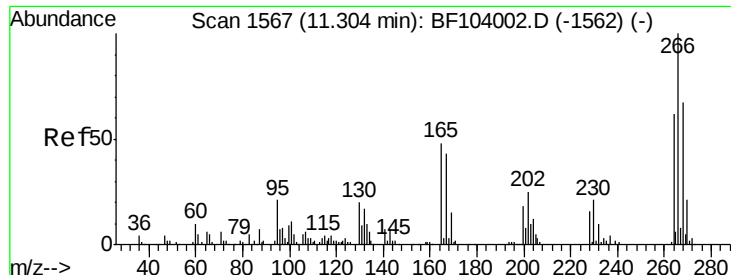
#68
Atrazine
Concen: 44.584 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:200 Resp: 128436
Ion Ratio Lower Upper
200 100
173 35.5 8.6 48.6
215 53.7 25.1 65.1



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

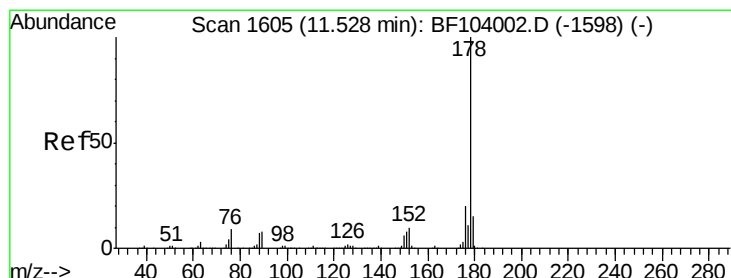
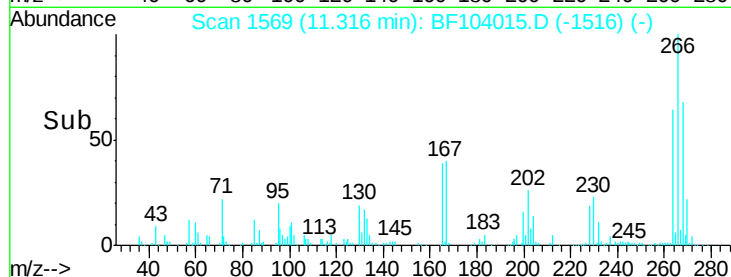
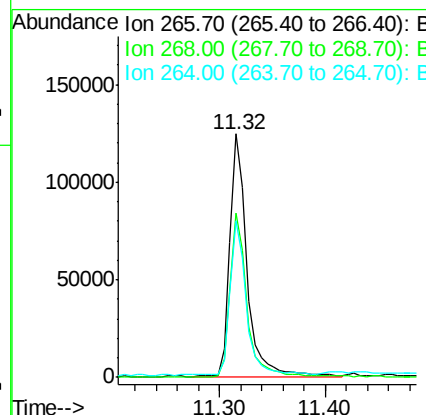
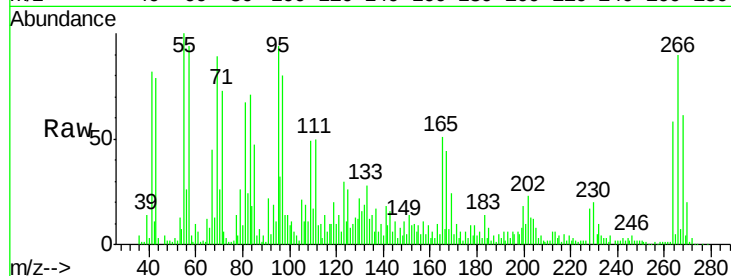




#69
 Pentachlorophenol
 Concen: 74.428 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

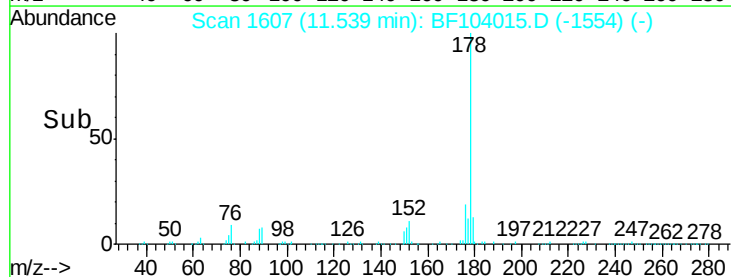
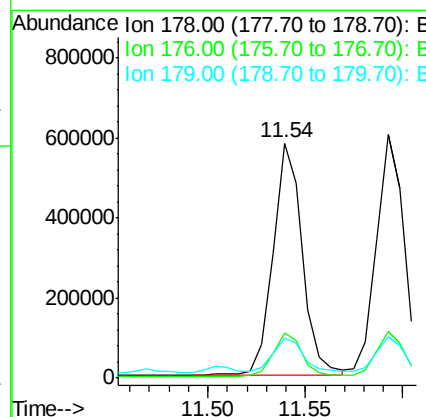
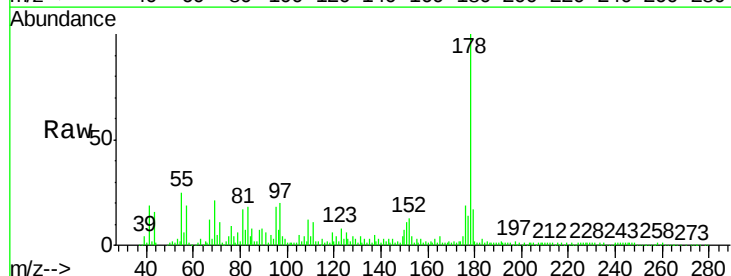
Instrument :
 BNA_F
 ClientSampleId :

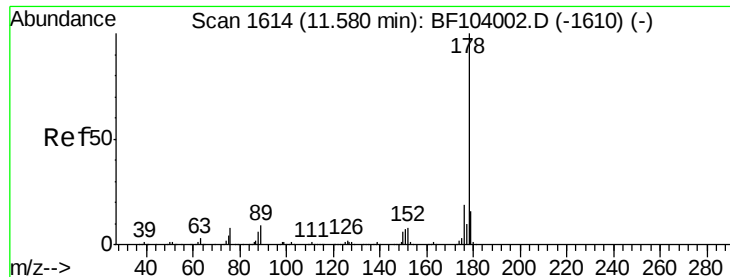
Tot Ion:266 Resp: 139949
 Ion Ratio Lower Upper
 266 100
 268 67.7 51.1 76.7
 264 64.3 49.5 74.3



#70
 Phenanthrene
 Concen: 40.101 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:178 Resp: 602831
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.9 13.0 19.6

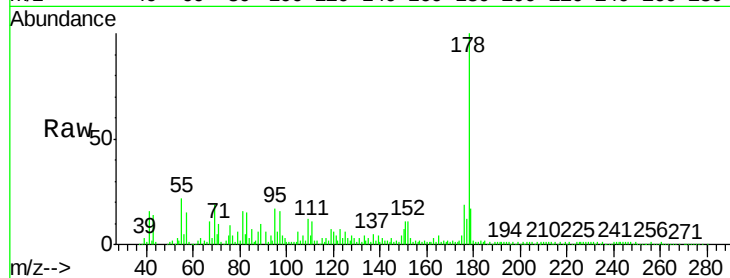




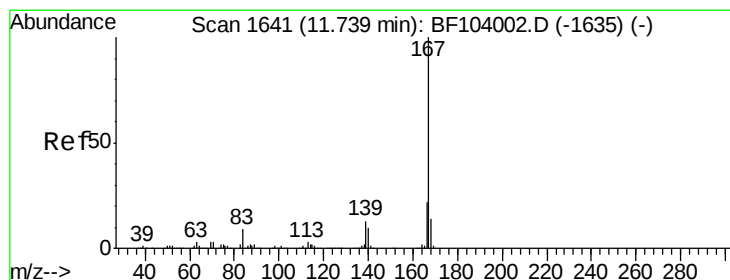
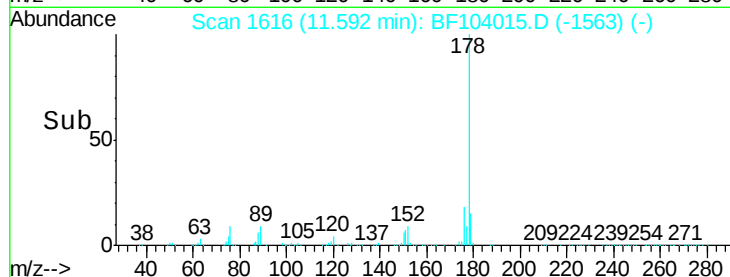
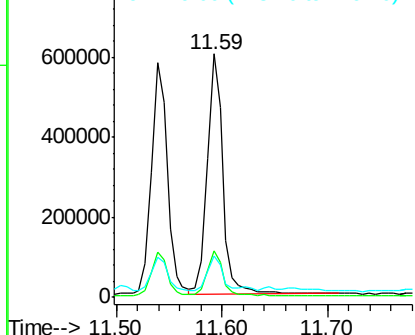
#71
 Anthracene
 Concen: 39.762 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 624355
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 17.2 12.6 19.0

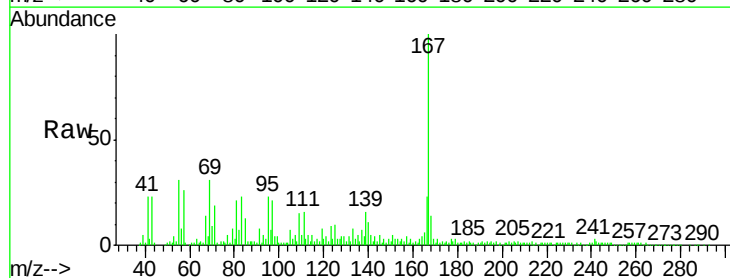


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

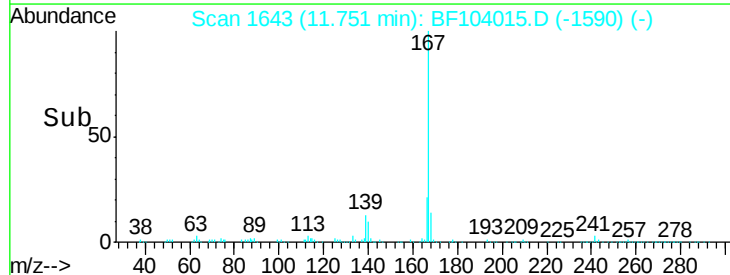
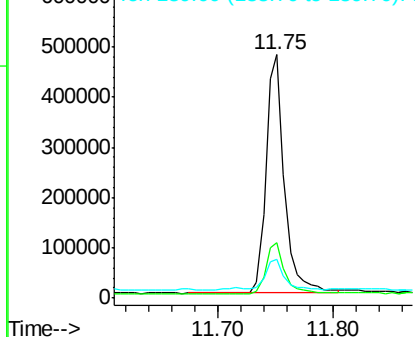


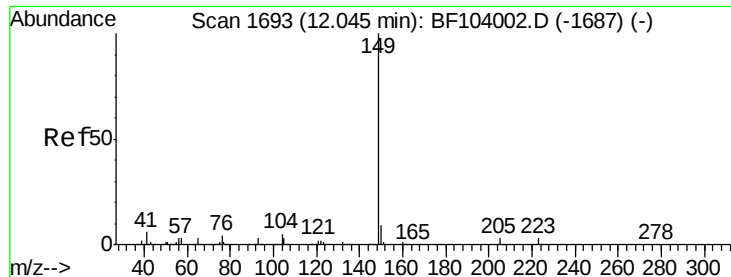
#72
 Carbazole
 Concen: 35.603 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:167 Resp: 533571
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 16.1 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 40.184 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

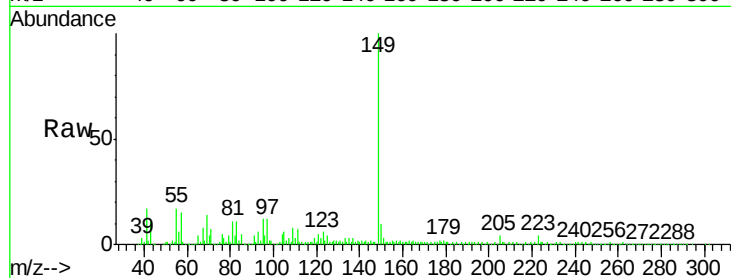
Tot Ion:149 Resp: 717340

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

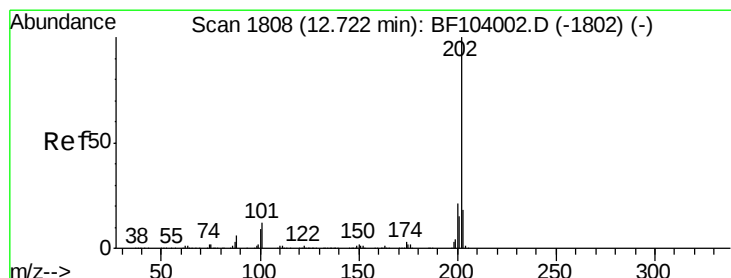
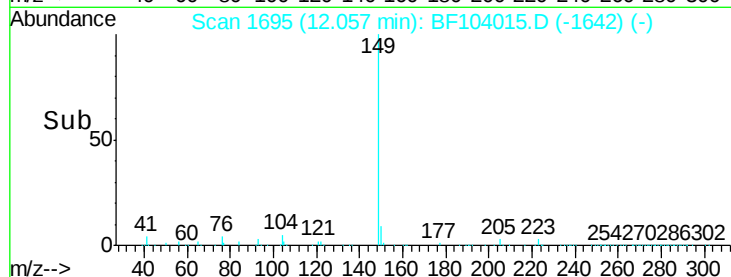
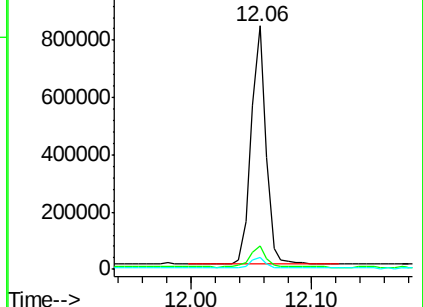
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.212 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

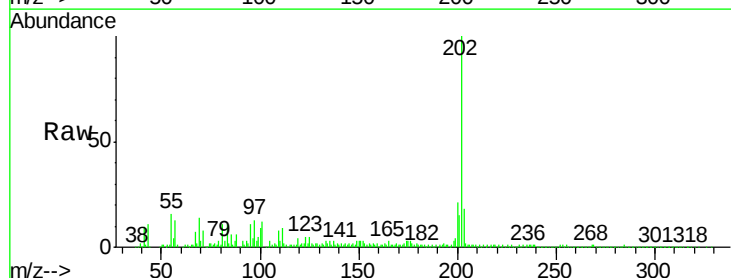
Tgt Ion:202 Resp: 626571

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

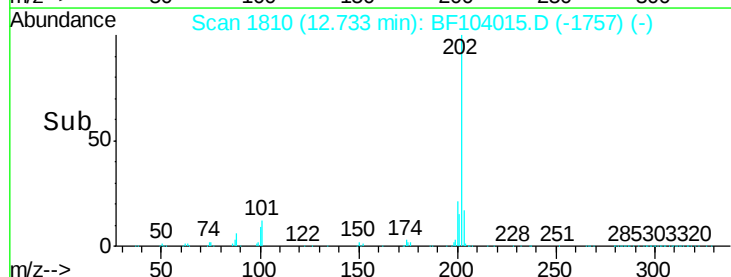
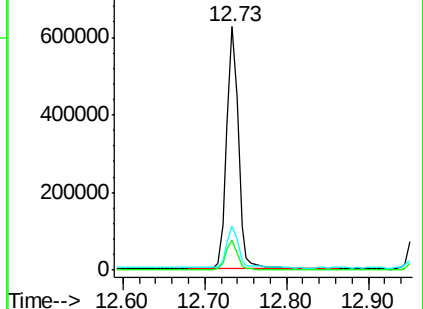
203 18.1 0.0 38.1

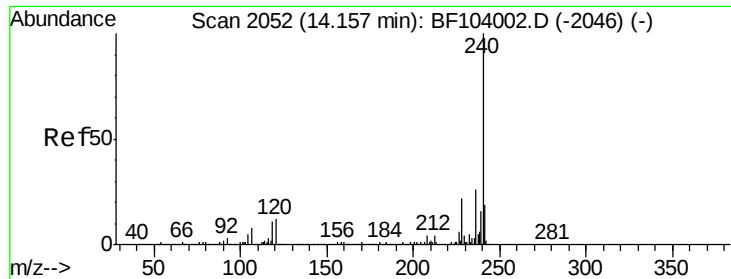


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

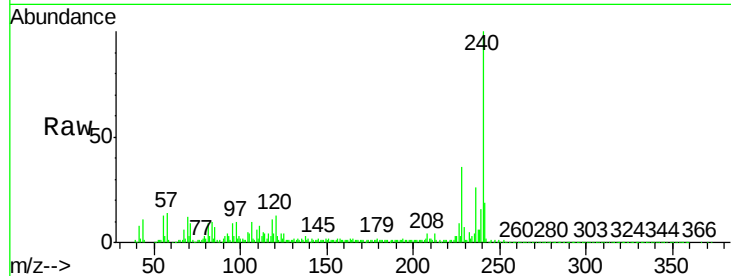
Tot Ion:240 Resp: 253070

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

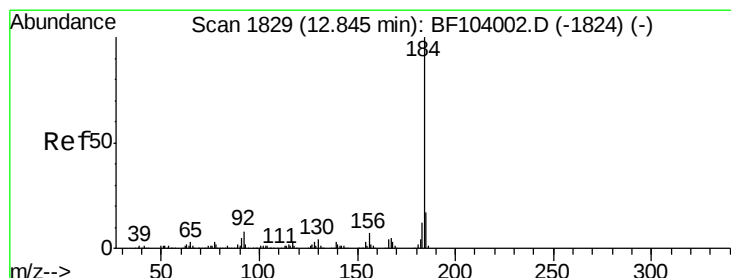
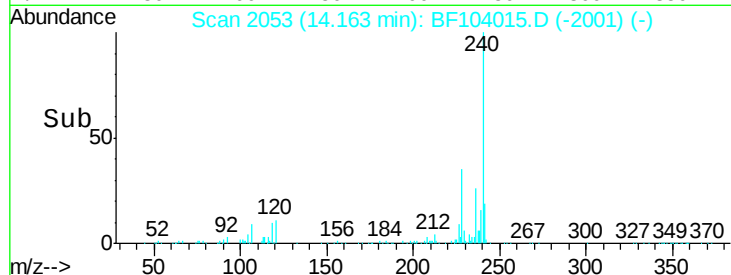
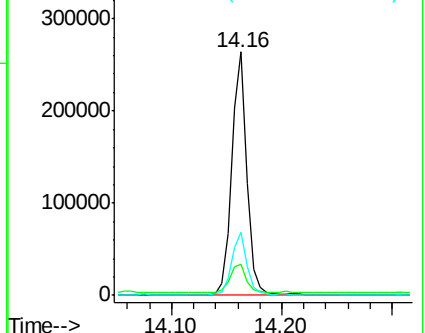
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.974 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

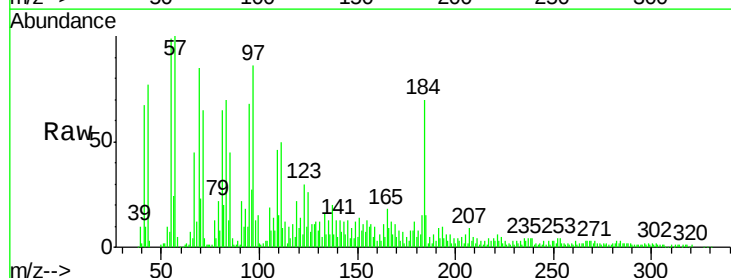
Tgt Ion:184 Resp: 100776

Ion Ratio Lower Upper

184 100

185 21.0 12.6 18.8#

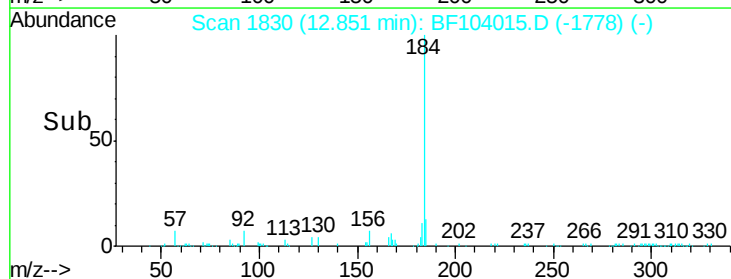
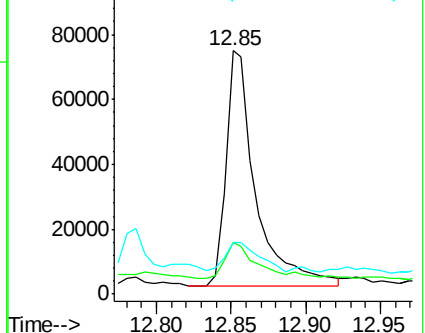
183 21.1 9.3 13.9#

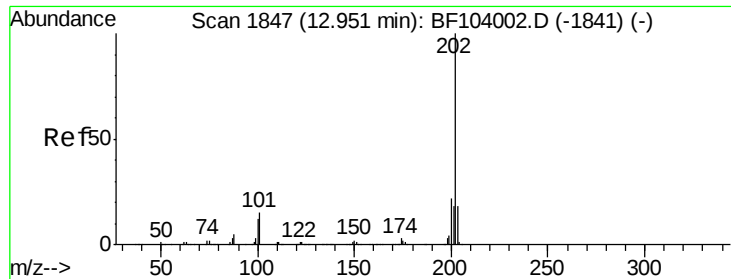


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

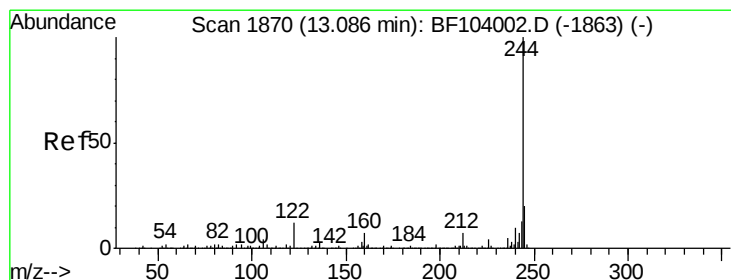
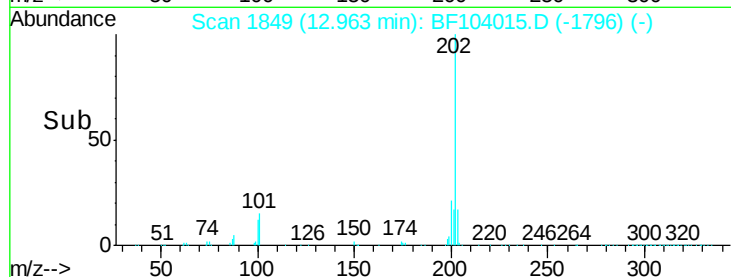
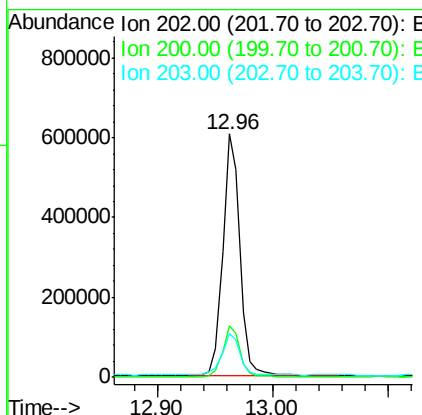
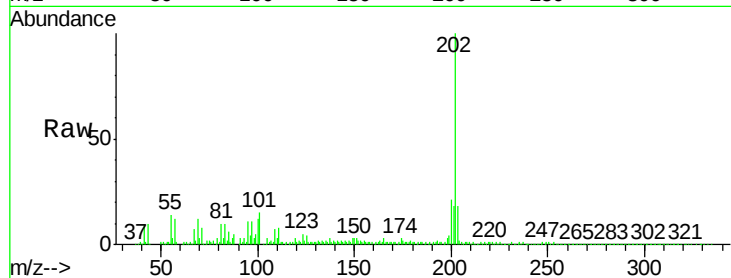




#77
Pvrene
Concen: 34.457 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

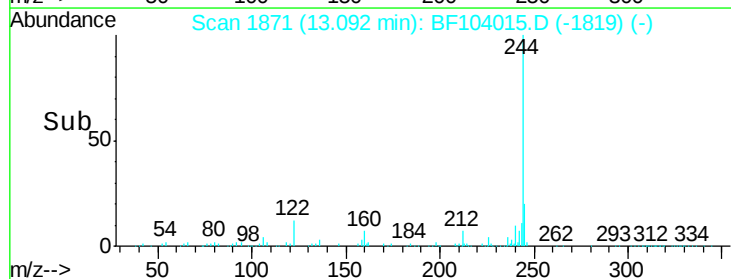
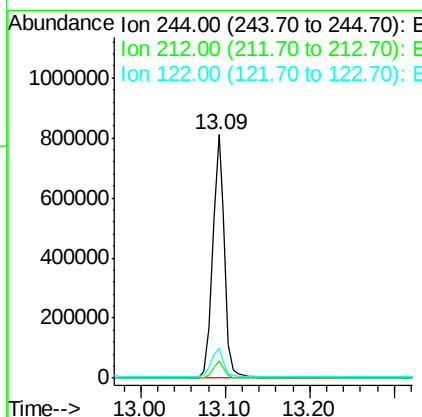
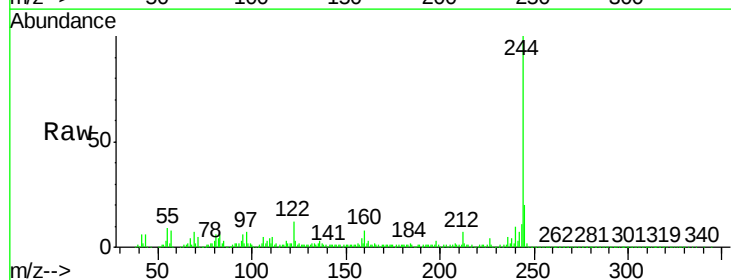
Instrument :
BNA_F
ClientSampleId :

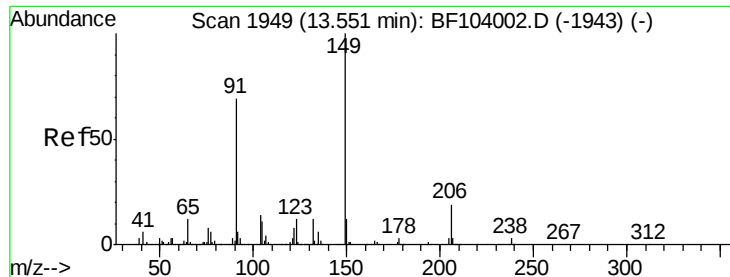
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.2	14.3	21.5



#78
Terphenyl-d14
Concen: 73.285 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

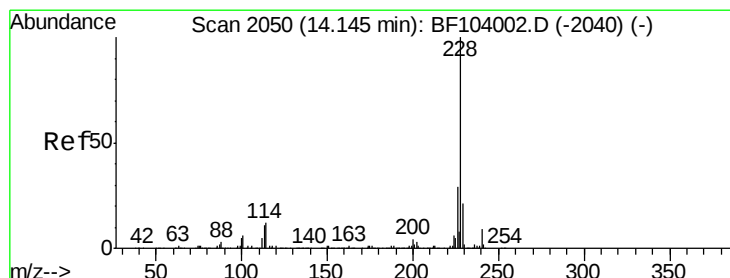
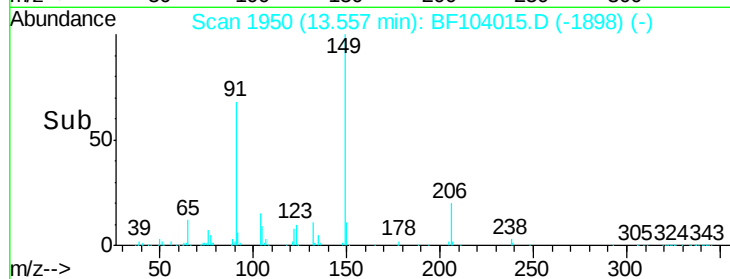
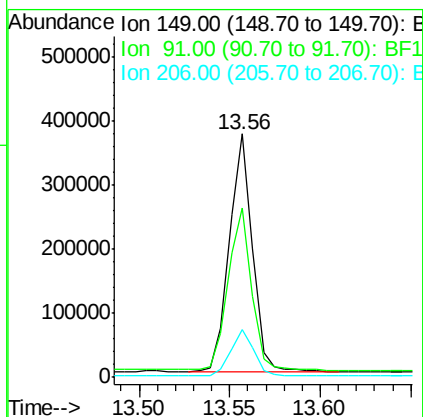
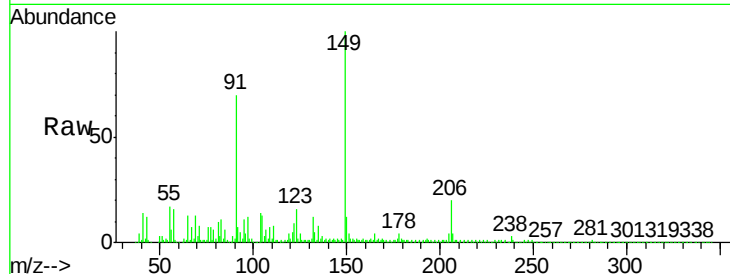




#79
Butylbenzylphthalate
Concen: 38.623 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

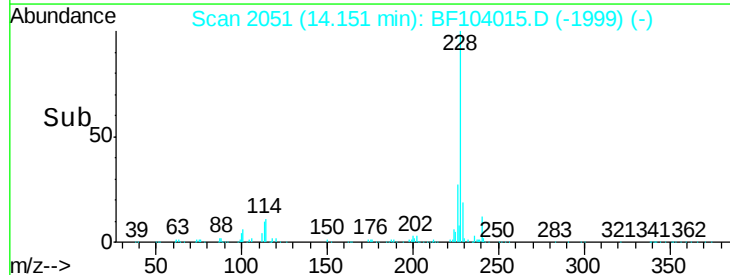
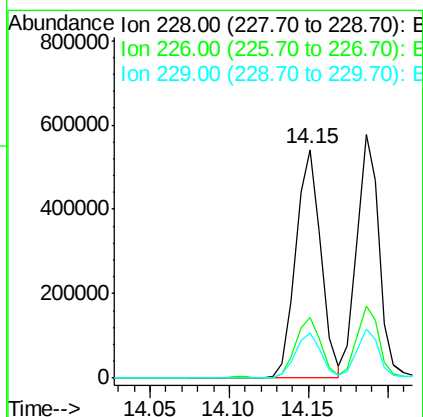
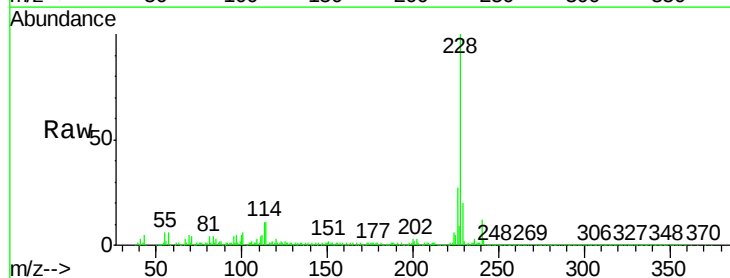
Instrument :
BNA_F
ClientSampled :

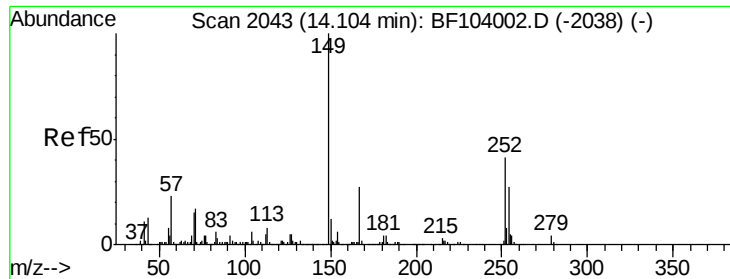
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	19.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.200 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	19.7	15.8	23.6

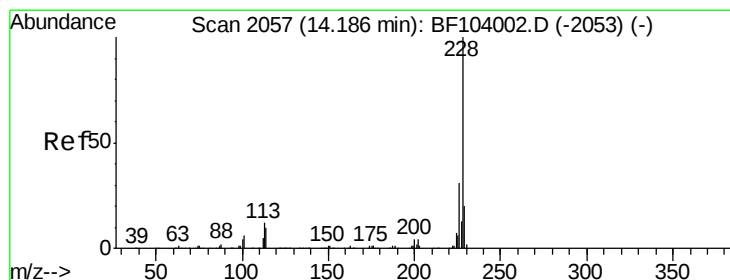
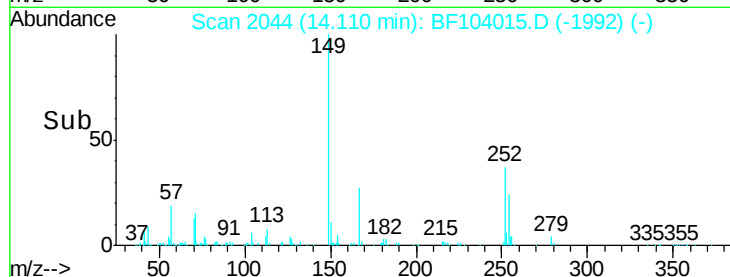
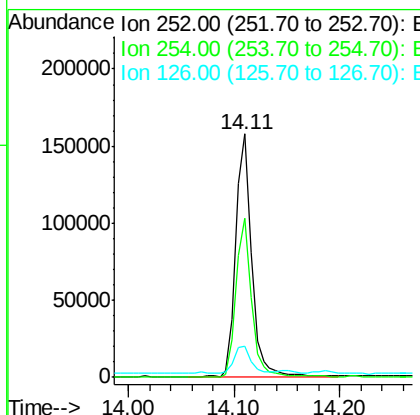
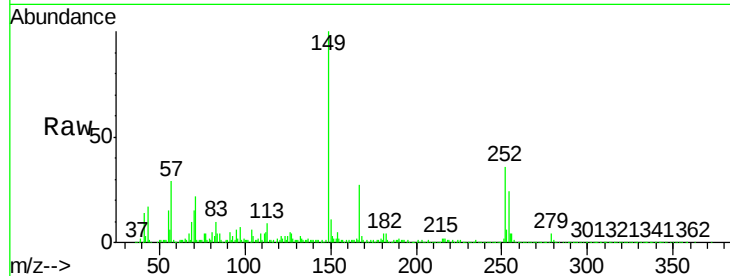




#81
 3,3'-Dichlorobenzidine
 Concen: 30.695 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

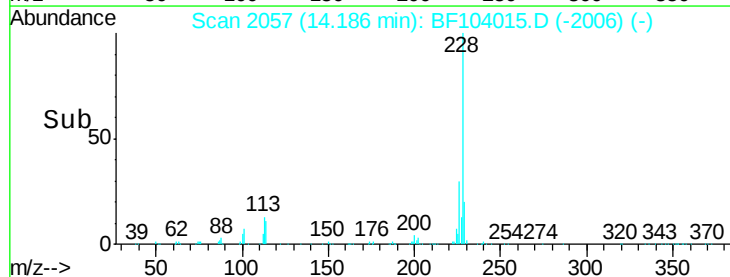
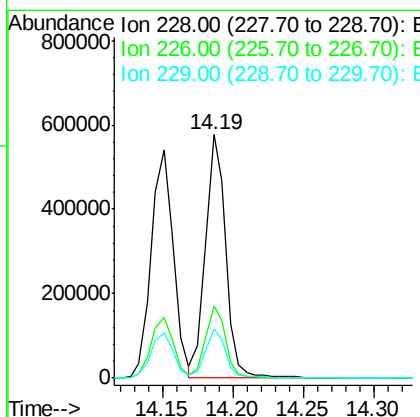
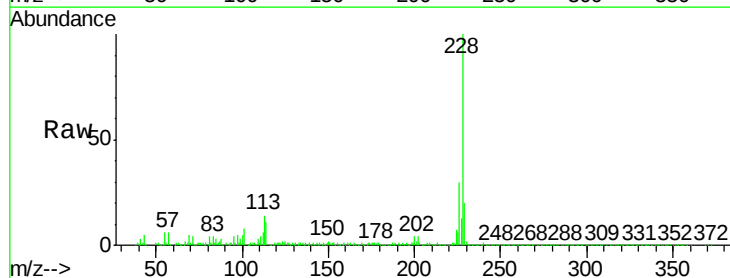
Instrument :
 BNA_F
 ClientSampleId :

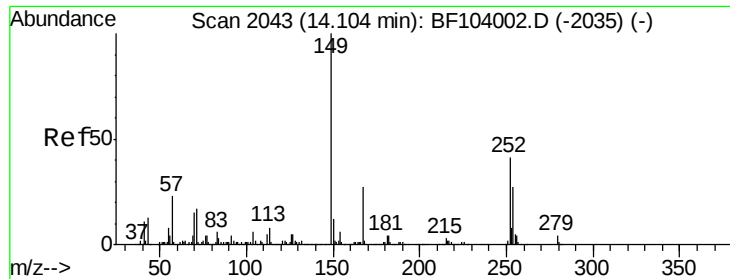
Tot Ion:252 Resp: 160884
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 12.8 11.3 16.9



#82
 Chrysene
 Concen: 36.724 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:228 Resp: 569575
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 20.2 16.2 24.4

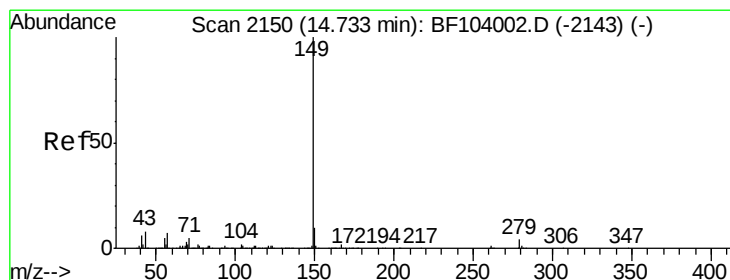
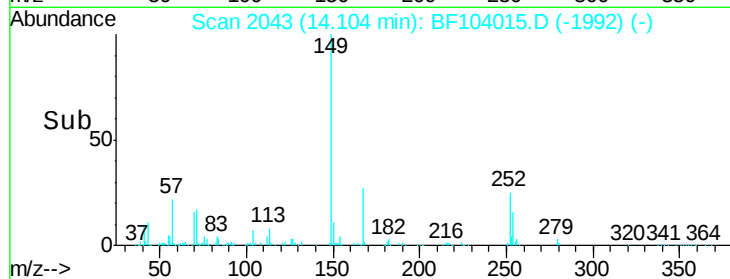
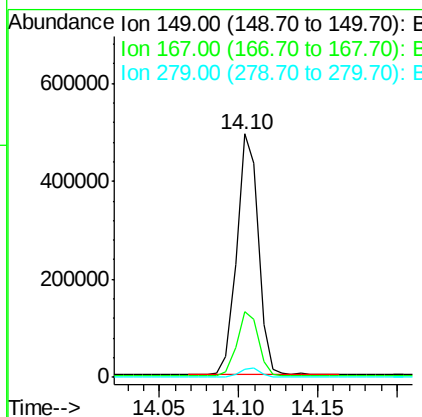
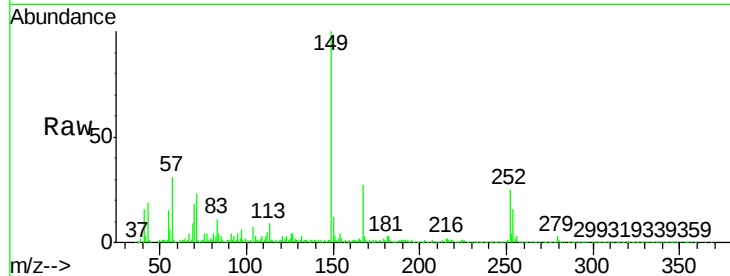




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.969 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

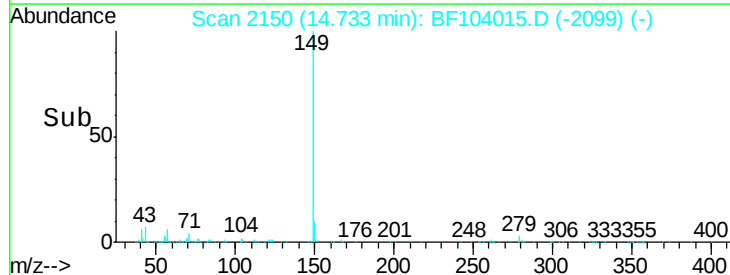
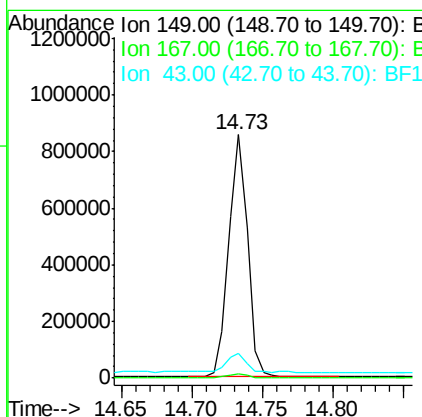
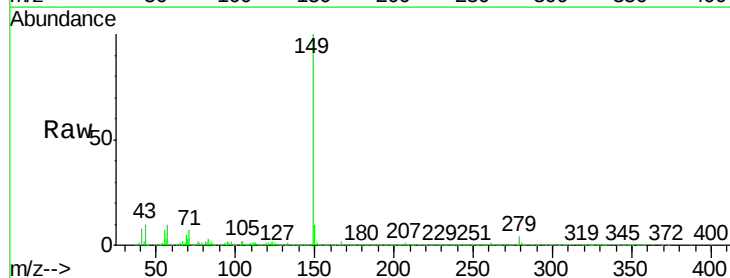
Instrument :
 BNA_F
 ClientSampleId :

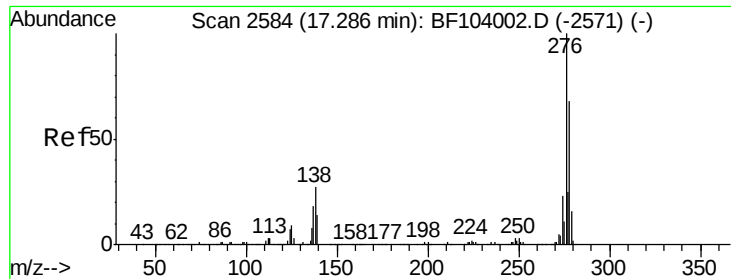
Tot Ion:149 Resp: 464761
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.691 ng
 RT: 14.73 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion:149 Resp: 794176
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 8.4 12.6#

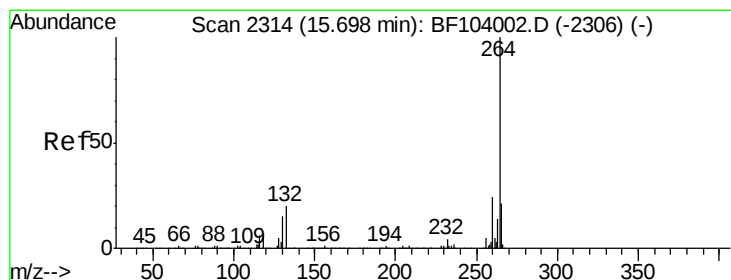
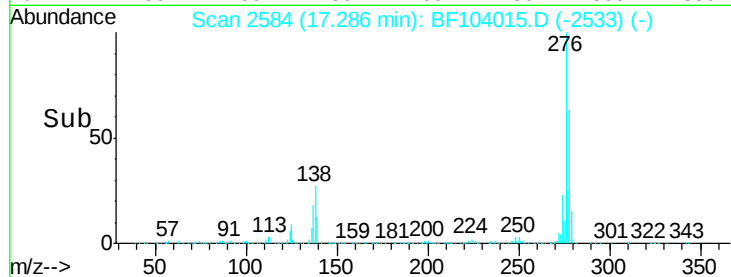
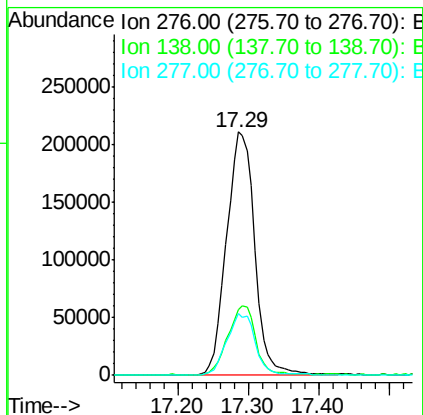
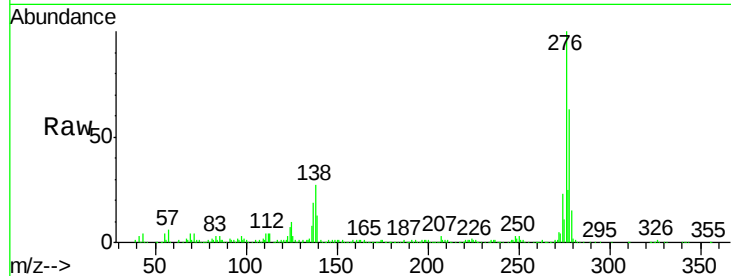




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.622 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

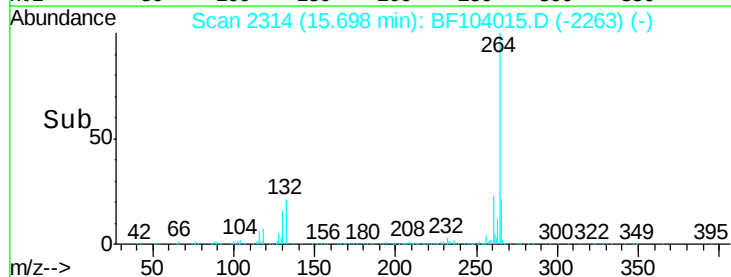
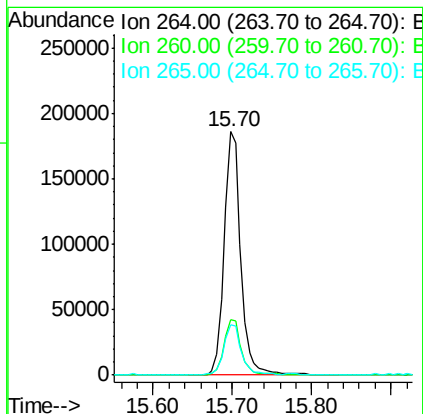
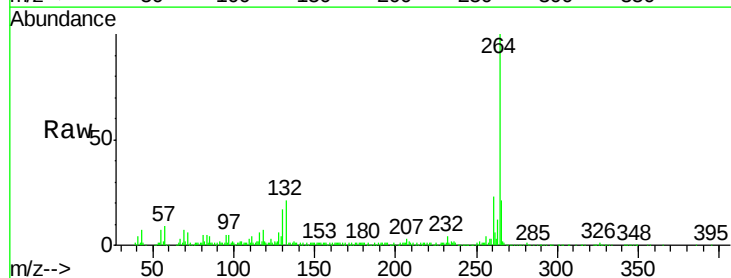
Instrument :
 BNA_F
 ClientSampleId :

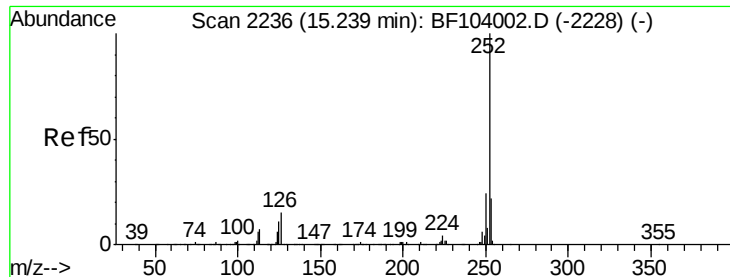
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BF104015.D
 Acq: 28 Mar 2018 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3

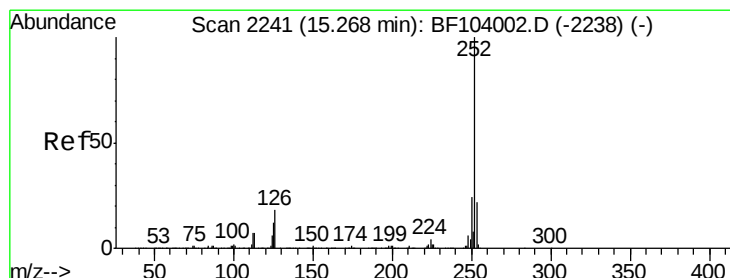
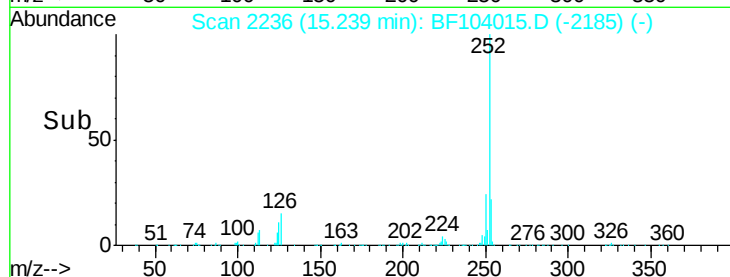
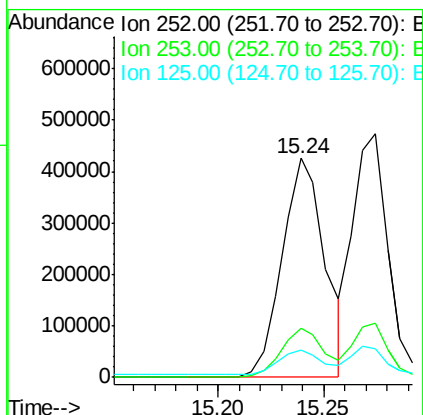
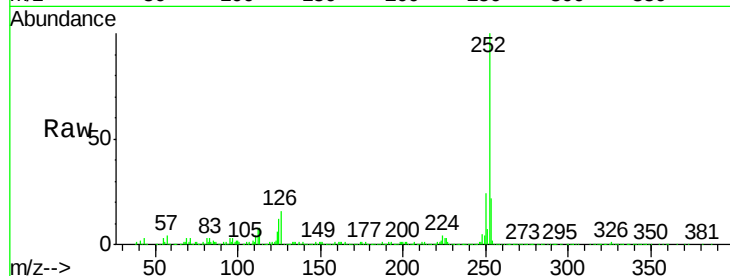




#87
Benzo(b)fluoranthene
Concen: 36.321 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

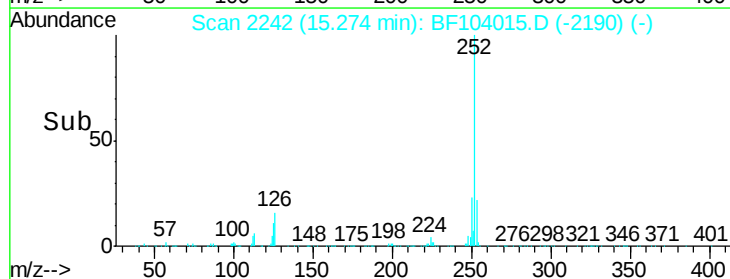
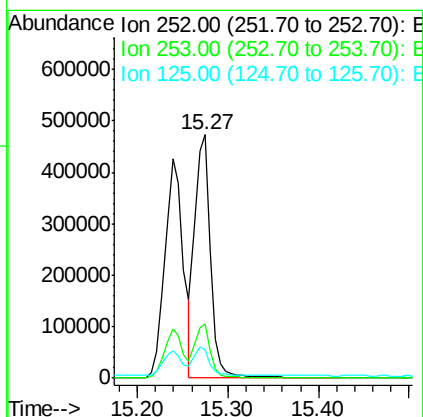
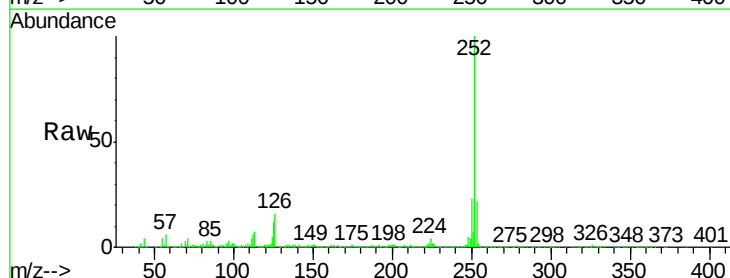
Instrument :
BNA_F
ClientSampleId :

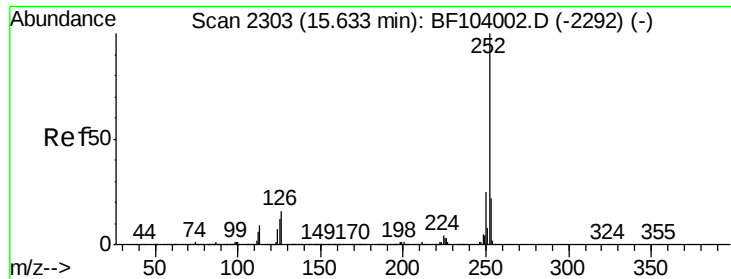
Tot Ion:252 Resp: 597542
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.205 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:252 Resp: 561079
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.7 10.2 15.2

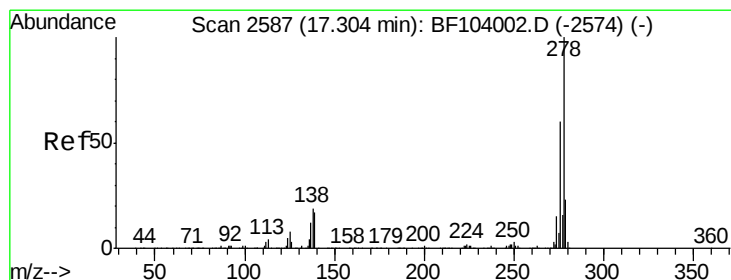
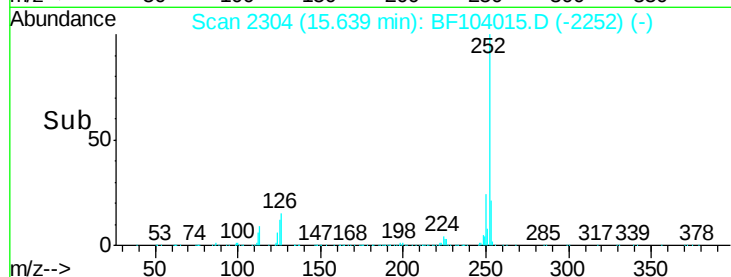
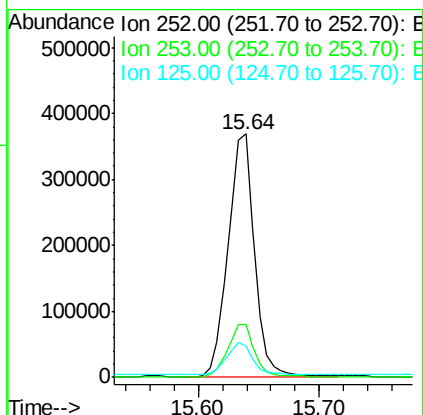
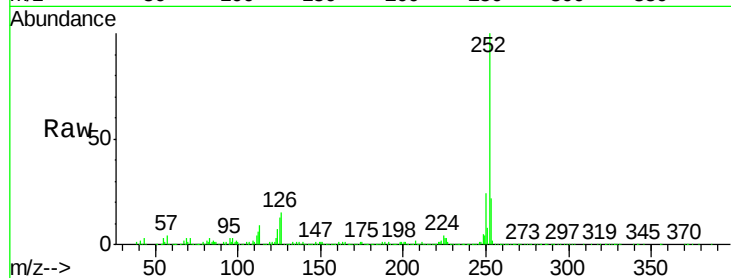




#89
Benzo(a)pyrene
Concen: 36.979 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

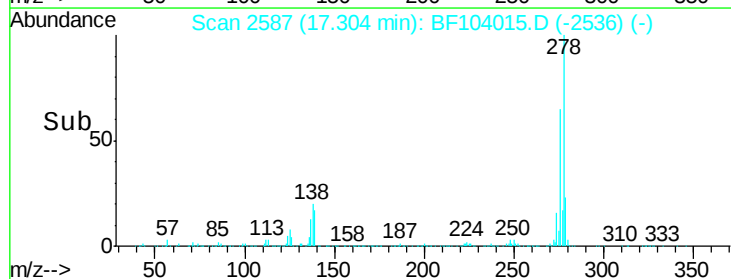
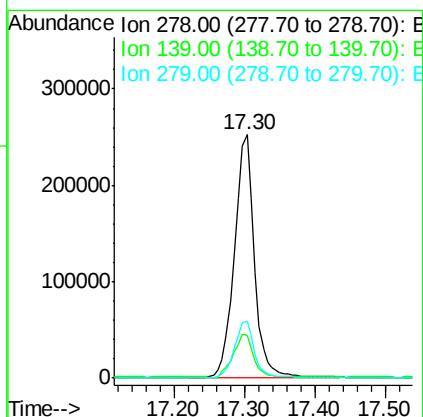
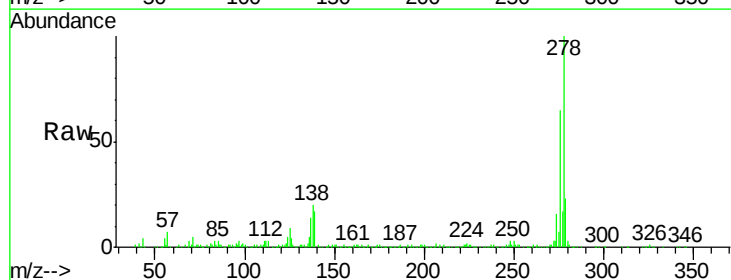
Instrument :
BNA_F
ClientSampled :

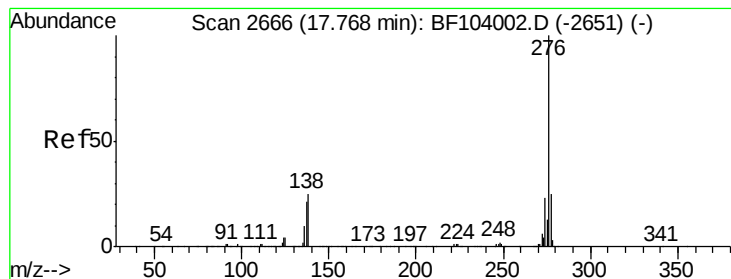
Tot Ion:252 Resp: 563771
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.507 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.00 min
Lab File: BF104015.D
Acq: 28 Mar 2018 17:38

Tgt Ion:278 Resp: 500484
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.214 ng

RT: 17.77 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BF104015.D

Acq: 28 Mar 2018 17:38

Instrument :

BNA_F

ClientSampleId :

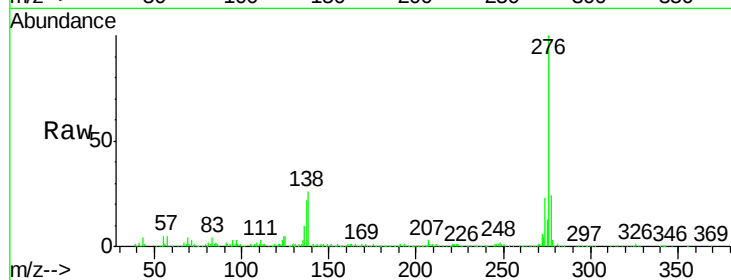
Tot Ion: 276 Resp: 468925

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 25.6 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

