

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104273.D
 Acq On : 5 Apr 2018 17:03
 Operator : JU/SJ
 Sample : PB107931BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:07:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	114103	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	476892	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	230347	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	441246	20.00	ng	0.00
75) Chrysene-d12	14.14	240	361818	20.00	ng	0.00
86) Perylene-d12	15.67	264	340185	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	639563	89.39	ng	0.00
7) Phenol-d6	6.59	99	826647	93.91	ng	-0.02
23) Nitrobenzene-d5	7.52	82	760495	97.52	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	260222	101.45	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1471345	100.73	ng	0.00
78) Terphenyl-d14	13.06	244	1455838	92.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	105312	34.127	ng	# 86
3) Pyridine	3.66	79	201777	25.829	ng	# 81
4) n-Nitrosodimethylamine	3.64	42	13118	5.649	ng	# 80
6) Aniline	6.63	93	182557	17.324	ng	# 62
8) 2-Chlorophenol	6.74	128	387970	49.432	ng	94
9) Benzaldehyde	6.53	77	28268	4.417	ng	99
10) Phenol	6.60	94	493449	50.592	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	410901	48.889	ng	88
12) 1,3-Dichlorobenzene	6.89	146	358537	40.639	ng	97
13) 1,4-Dichlorobenzene	6.96	146	429420	45.425	ng	100
14) 1,2-Dichlorobenzene	7.11	146	367059	43.199	ng	99
15) Benzyl Alcohol	7.10	79	230084	40.201	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	414264	45.243	ng	# 46
17) 2-Methylphenol	7.20	107	286035	44.777	ng	# 77
18) Hexachloroethane	7.45	117	139982	44.227	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	240964	46.126	ng	90
20) 3+4-Methylphenols	7.36	107	352596	43.249	ng	# 53
22) Acetophenone	7.36	105	514496	44.590	ng	98
24) Nitrobenzene	7.53	77	324840	39.592	ng	99
25) Isophorone	7.76	82	715535	49.790	ng	99
26) 2-Nitrophenol	7.85	139	212435	49.601	ng	90
27) 2,4-Dimethylphenol	7.88	122	336863	54.537	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	443672	49.258	ng	98
29) 2,4-Dichlorophenol	8.09	162	315200	48.856	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	328553	44.884	ng	99
31) Naphthalene	8.25	128	1125227	48.298	ng	100
32) Benzoic acid	8.03	122	115231	25.466	ng	91
33) 4-Chloroaniline	8.33	127	102723	10.458	ng	94
34) Hexachlorobutadiene	8.35	225	170242	42.738	ng	99
35) Caprolactam	8.69	113	43008	21.024	ng	# 71
36) 4-Chloro-3-methylphenol	8.79	107	347341	50.900	ng	100
37) 2-Methylnaphthalene	8.94	142	709697	46.245	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	323341	45.775	ng	99
40) Hexachlorocyclopentadiene	9.08	237	246762	74.606	ng	97

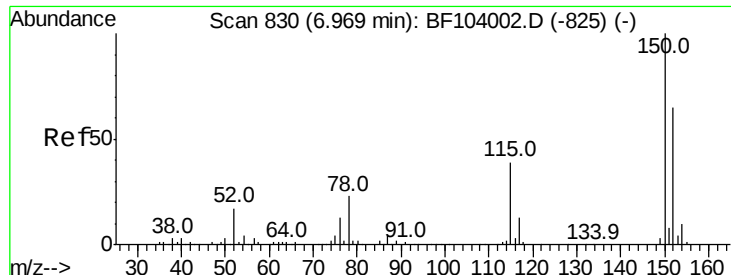
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	193943	43.360	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	244454	45.264	ng	97
45) 1,1'-Biphenyl	9.40	154	903512	45.701	ng	98
46) 2-Chloronaphthalene	9.43	162	711401	45.618	ng	99
47) 2-Nitroaniline	9.55	65	202590	45.558	ng	93
48) Acenaphthylene	9.85	152	1036022	43.851	ng	100
49) Dimethylphthalate	9.70	163	814528	44.787	ng	100
50) 2,6-Dinitrotoluene	9.77	165	176660	45.150	ng	95
51) Acenaphthene	10.02	154	581176	42.523	ng	100
52) 3-Nitroaniline	9.97	138	86702	19.277	ng	99
53) 2,4-Dinitrophenol	10.07	184	121425	71.707	ng	# 29
54) Dibenzofuran	10.20	168	905690	45.379	ng	97
55) 4-Nitrophenol	10.14	139	169856	62.982	ng	97
56) 2,4-Dinitrotoluene	10.19	165	228849	45.836	ng	96
57) Fluorene	10.54	166	751475	45.645	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	222943	55.099	ng	# 83
59) Diethylphthalate	10.40	149	804163	46.156	ng	98
60) 4-Chlorophenyl-phenylether	10.52	204	356354	47.128	ng	98
61) 4-Nitroaniline	10.59	138	180586	42.909	ng	93
62) Azobenzene	10.69	77	728569	46.246	ng	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	104752	39.219	ng	79
65) n-Nitrosodiphenylamine	10.65	169	670692	44.882	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	223945	47.439	ng	91
67) Hexachlorobenzene	11.09	284	242292	44.619	ng	# 86
68) Atrazine	11.17	200	211961	46.299	ng	98
69) Pentachlorophenol	11.29	266	233864	78.264	ng	99
70) Phenanthrene	11.51	178	1056658	44.231	ng	98
71) Anthracene	11.56	178	1272685	51.002	ng	99
72) Carbazole	11.72	167	1124843	47.230	ng	99
73) Di-n-butylphthalate	12.02	149	1256573	44.294	ng	99
74) Fluoranthene	12.70	202	1209512	47.631	ng	98
76) Benzidine	12.83	184	367316	35.624	ng	99
77) Pyrene	12.93	202	1178920	45.326	ng	99
79) Butylbenzylphthalate	13.53	149	553679	45.184	ng	97
80) Benzo(a)anthracene	14.13	228	983283	43.432	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	184324	24.597	ng	97
82) Chrysene	14.17	228	1103140	49.748	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	728551	46.016	ng	100
84) Di-n-octyl phthalate	14.70	149	1238370	45.470	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	891071	38.779	ng	96
87) Benzo(b)fluoranthene	15.22	252	919191	44.398	ng	99
88) Benzo(k)fluoranthene	15.25	252	1021890	52.397	ng	99
89) Benzo(a)pyrene	15.61	252	908059	47.330	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	751205	42.349	ng	98
91) Benzo(g,h,i)perylene	17.74	276	712413	40.097	ng	96

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

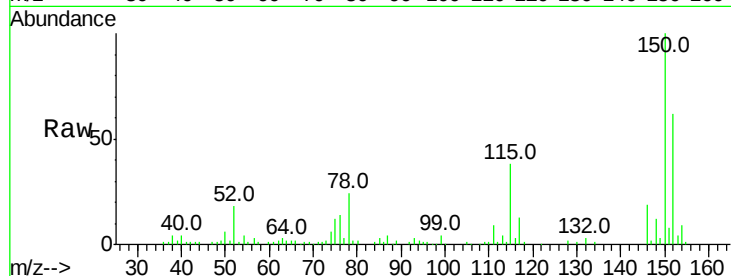


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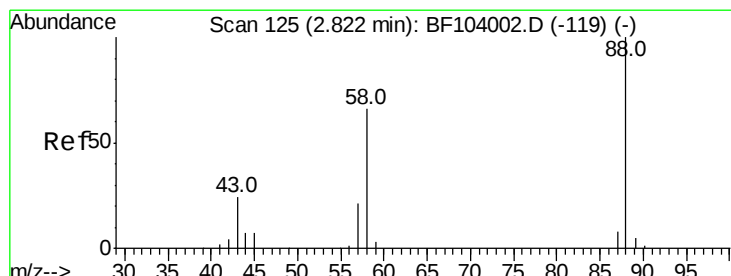
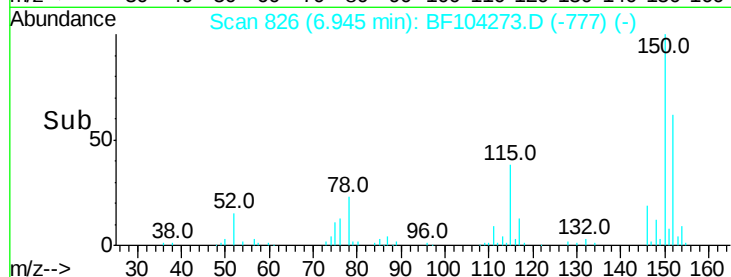
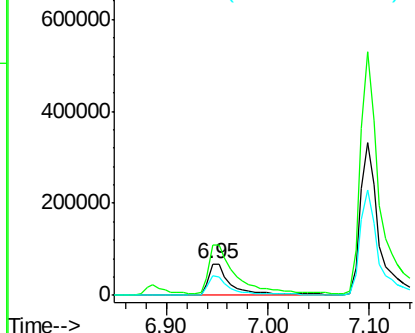
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 114103
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.6 186.8
 115 61.1 50.1 75.1



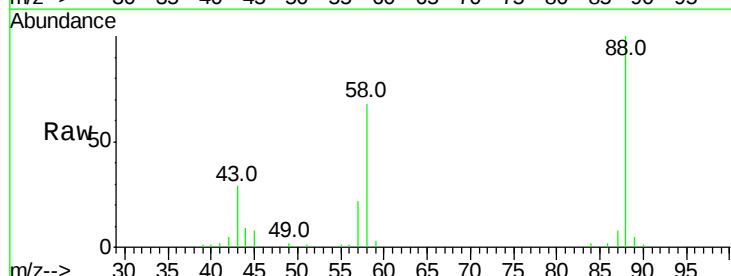
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



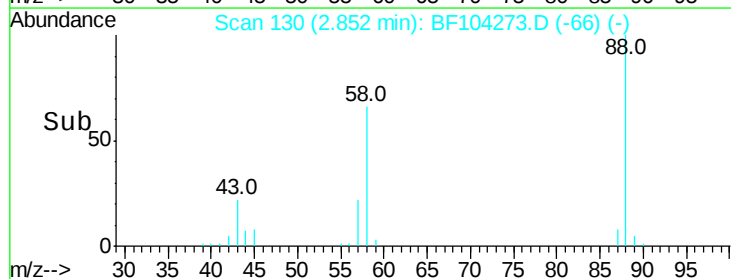
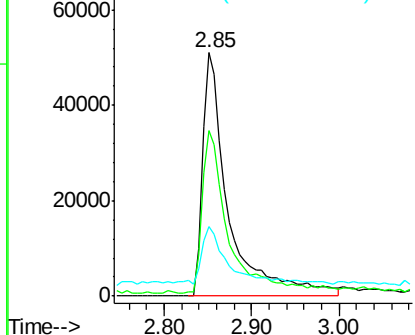
#2

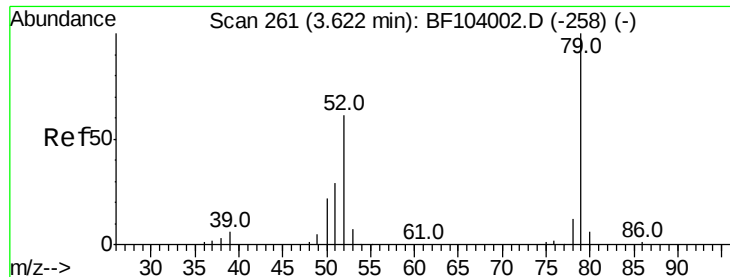
1,4-Dioxane
 Concen: 34.127 ng
 RT: 2.85 min Scan# 130
 Delta R.T. 0.08 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion: 88 Resp: 105312
 Ion Ratio Lower Upper
 88 100
 58 65.8 62.6 93.8
 43 22.7 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: 25.829 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampled :

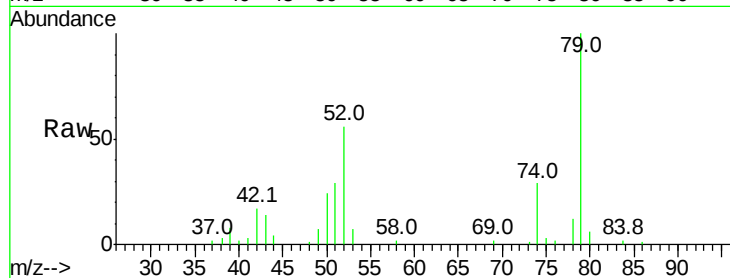
Tot Ion: 79 Resp: 201777

Ion Ratio Lower Upper

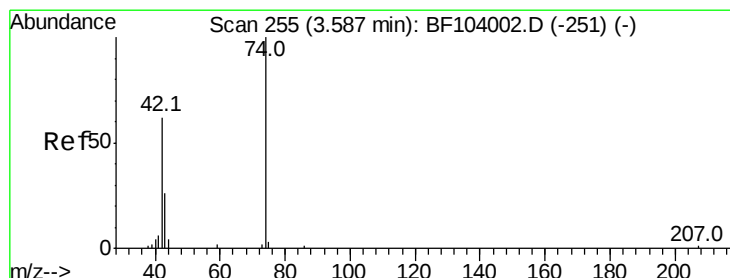
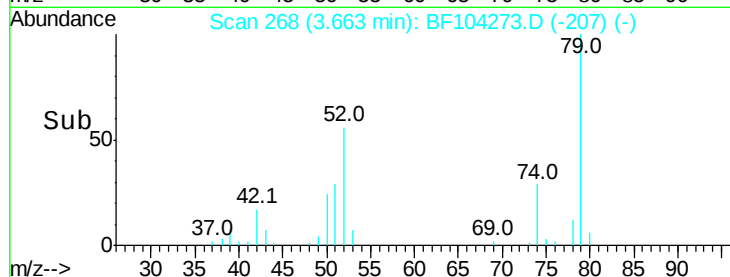
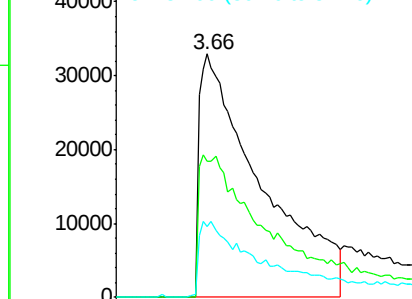
79 100

52 56.1 59.8 89.6#

51 29.2 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 5.649 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

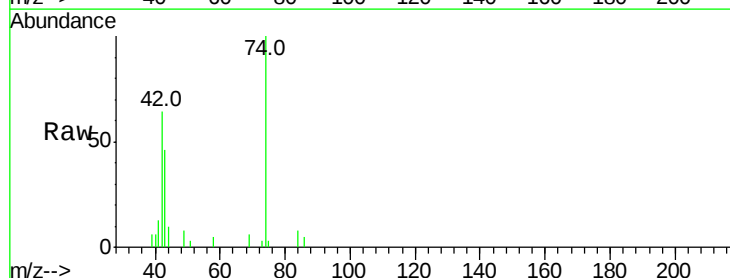
Tgt Ion: 42 Resp: 13118

Ion Ratio Lower Upper

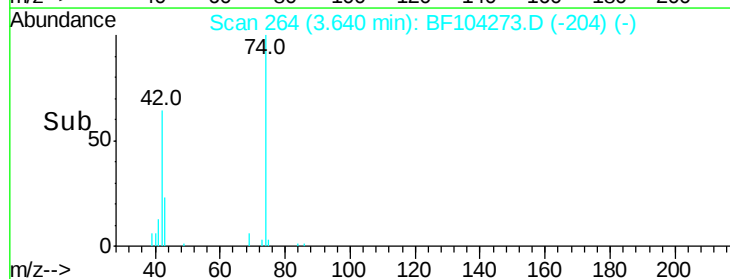
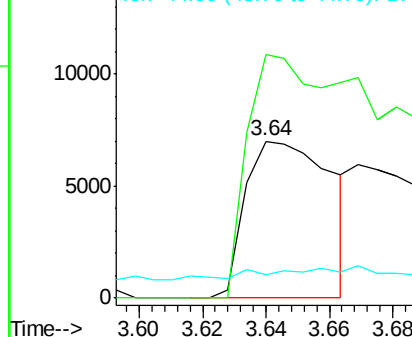
42 100

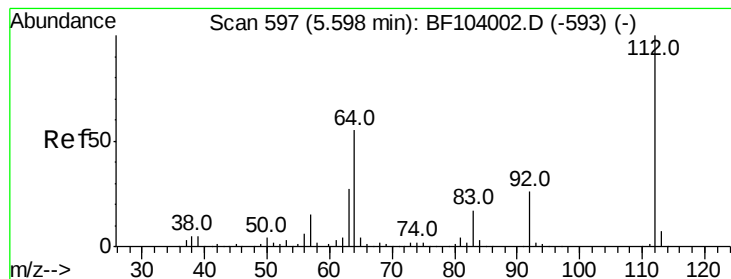
74 155.1 104.9 157.3

44 15.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.388 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampleId :

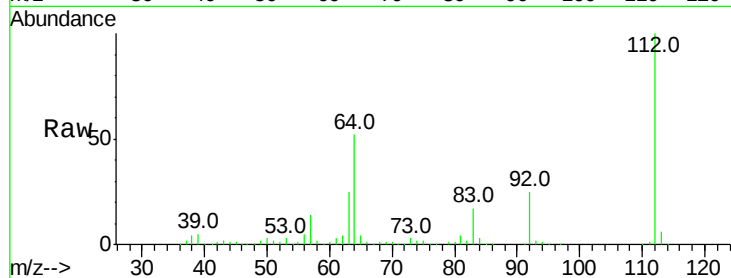
Tot Ion:112 Resp: 639563

Ion Ratio Lower Upper

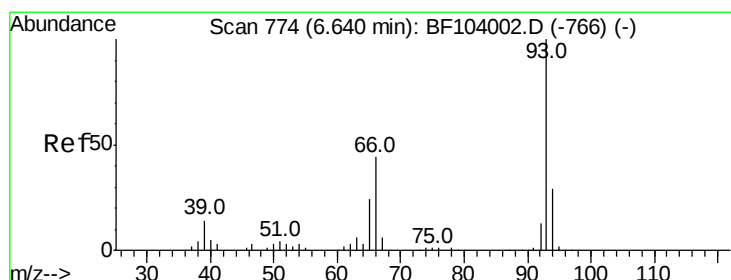
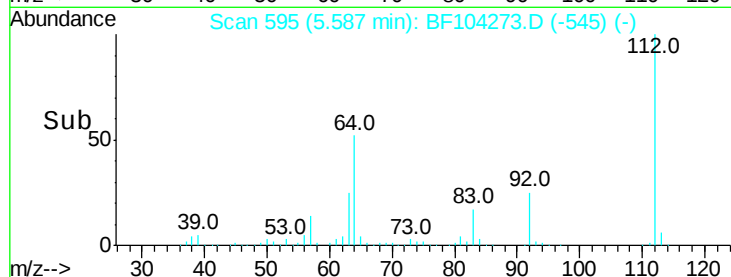
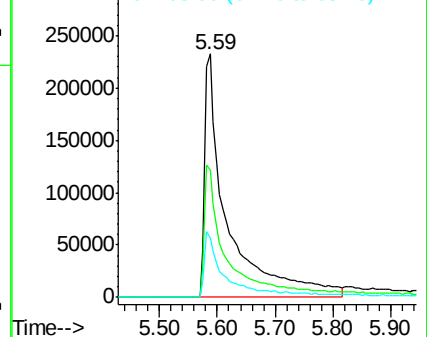
112 100

64 52.0 47.9 71.9

63 24.6 23.7 35.5



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



#6

Aniline

Concen: 17.324 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

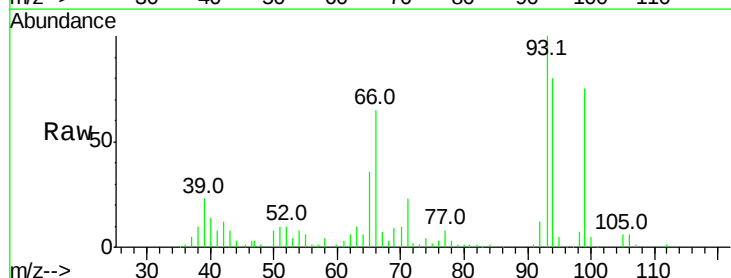
Tgt Ion: 93 Resp: 182557

Ion Ratio Lower Upper

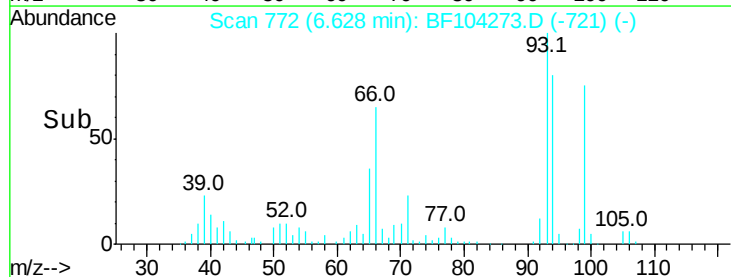
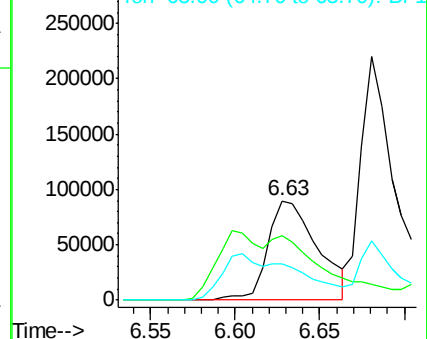
93 100

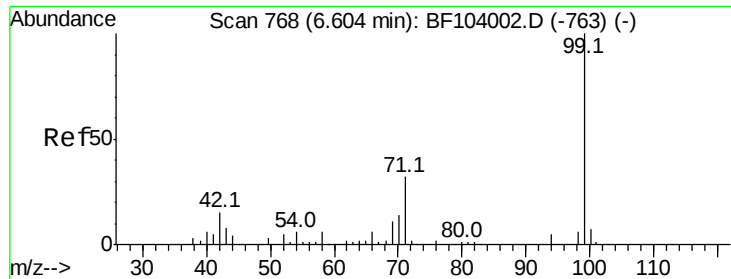
66 65.0 32.2 48.2#

65 36.2 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: 93.908 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

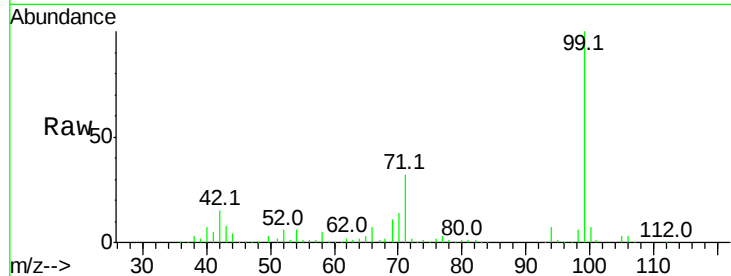
Tot Ion: 99 Resp: 826647

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.9	25.4	38.0

99 100

42 15.3 14.5 21.7

71 31.9 25.4 38.0

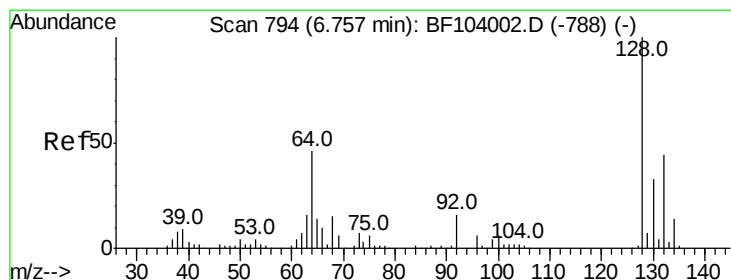
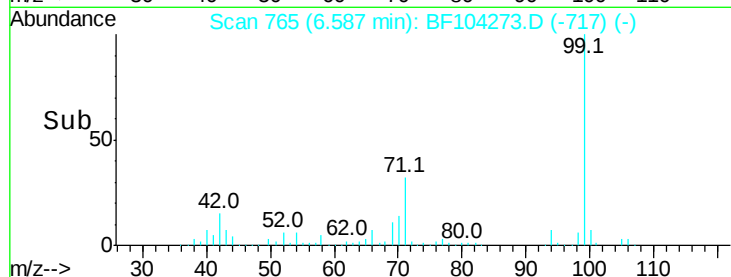
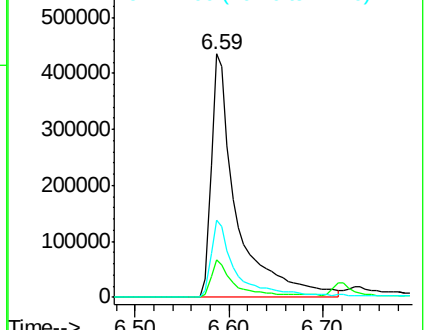


Abundance

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: 49.432 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

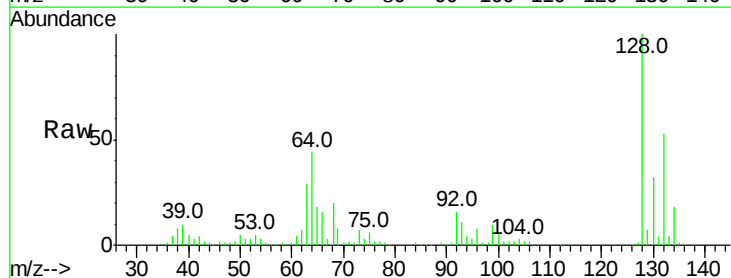
Tgt Ion: 128 Resp: 387970

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	43.6	29.4	69.4

128 100

130 32.3 13.0 53.0

64 43.6 29.4 69.4

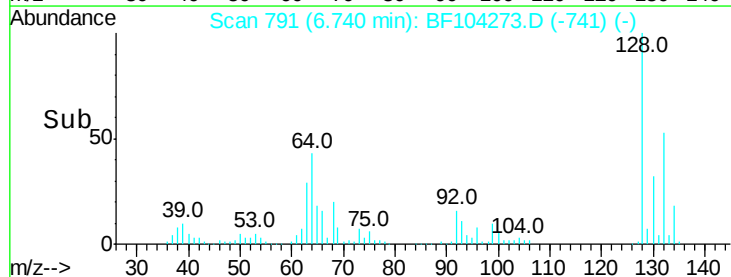
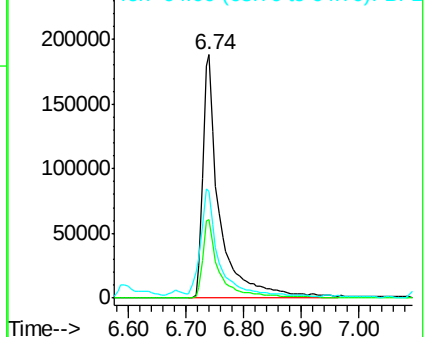


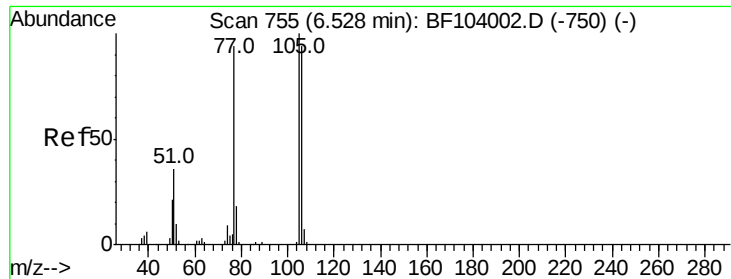
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.417 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

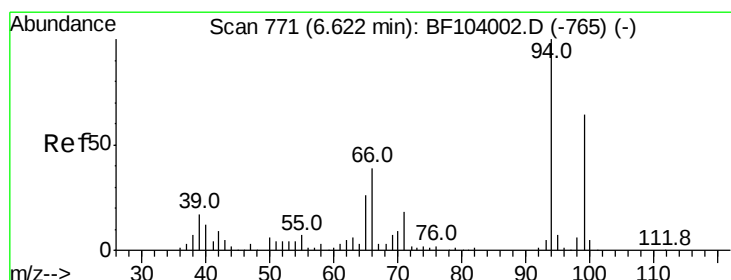
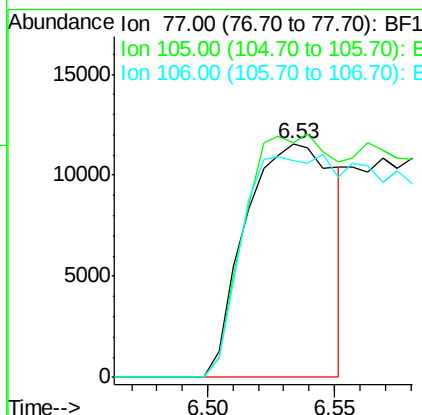
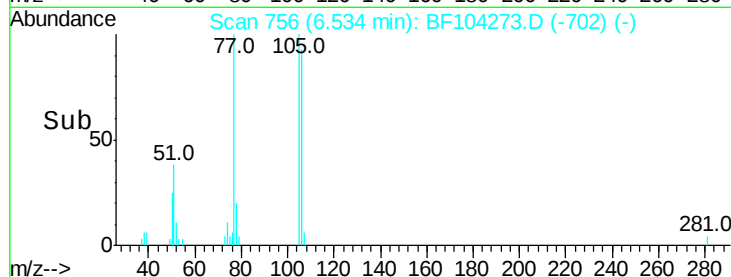
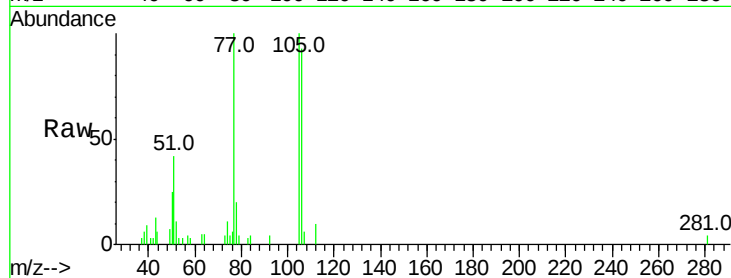
Tot Ion: 77 Resp: 28268

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

106 92.9 74.5 114.5



#10

Phenol

Concen: 50.592 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

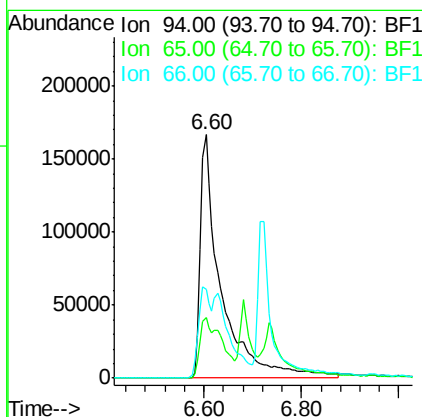
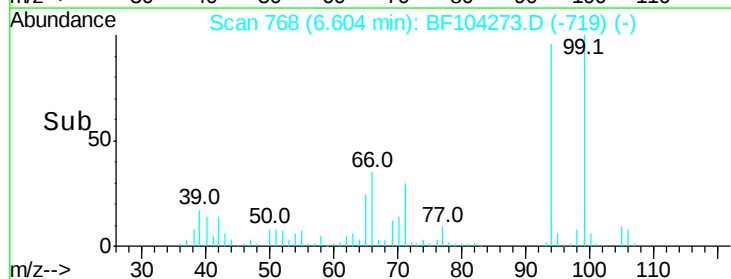
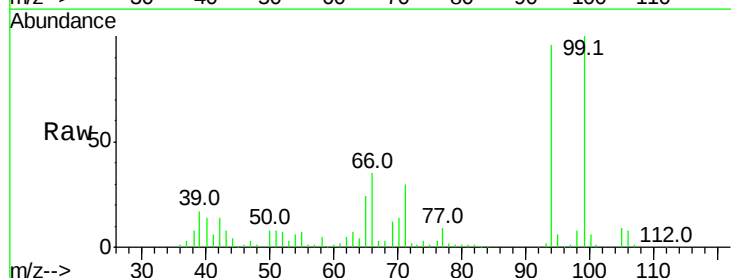
Tgt Ion: 94 Resp: 493449

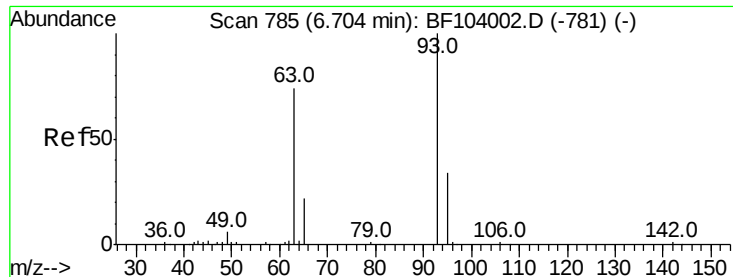
Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

66 36.4 16.2 56.2



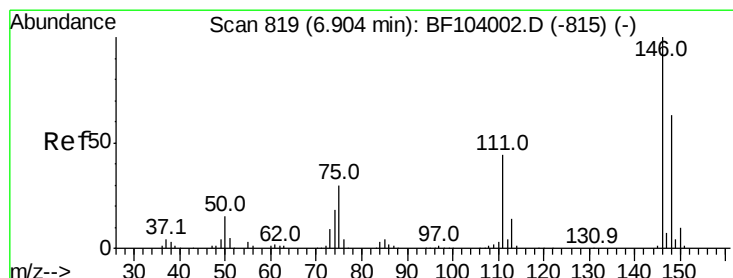
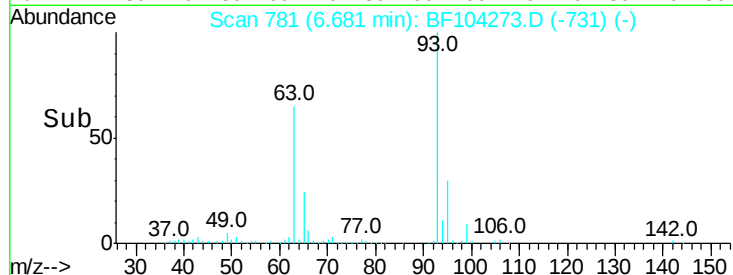
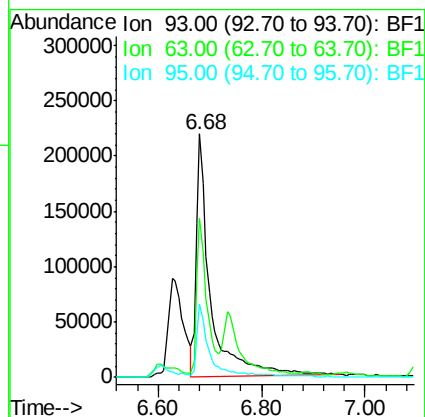
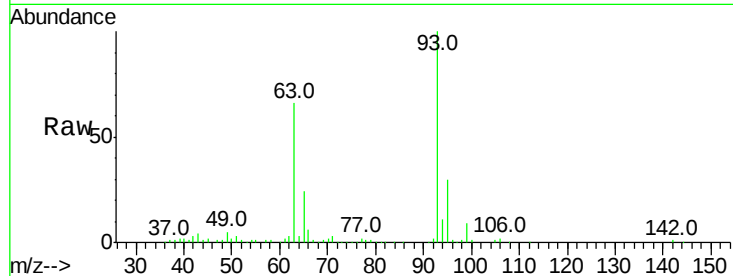


#11

bis(2-Chloroethyl)ether
Concen: 48.889 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampled :

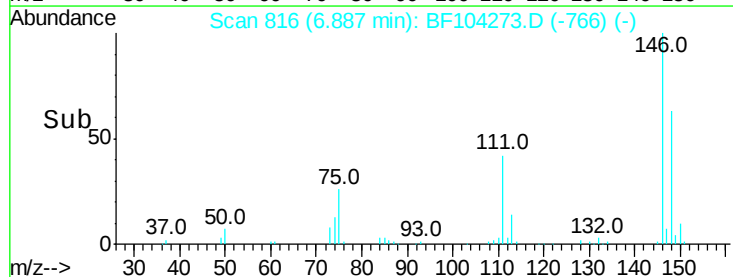
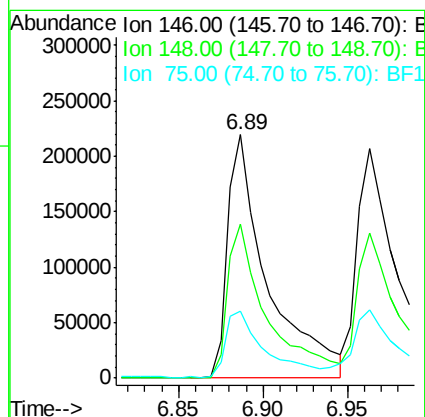
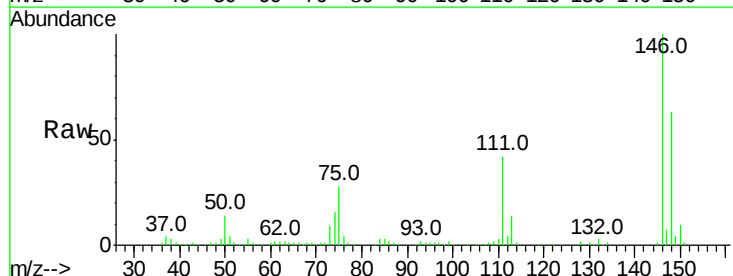
Tot Ion: 93 Resp: 410901
Ion Ratio Lower Upper
93 100
63 65.5 58.6 98.6
95 29.9 11.8 51.8

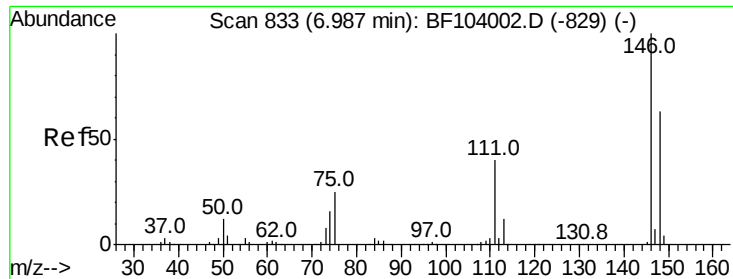


#12

1,3-Dichlorobenzene
Concen: 40.639 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion: 146 Resp: 358537
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 27.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 45.425 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

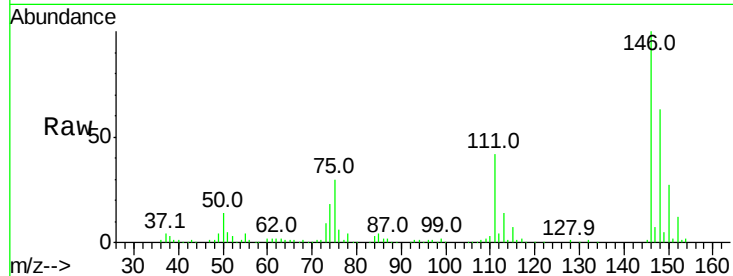
Tot Ion:146 Resp: 429420

Ion Ratio Lower Upper

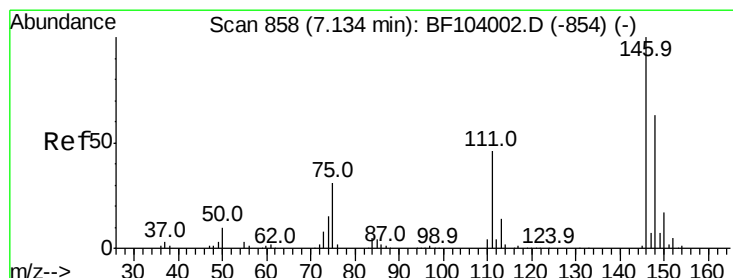
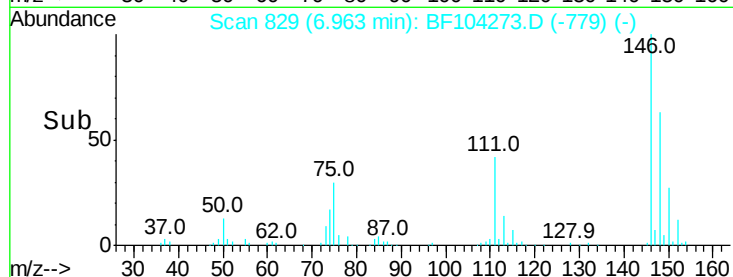
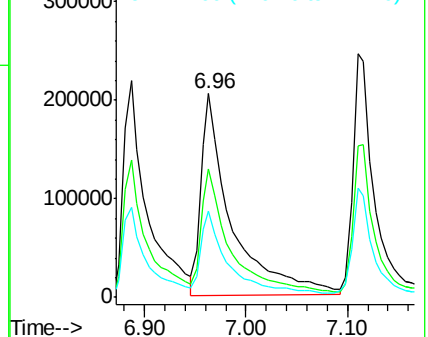
146 100

148 63.4 50.8 76.2

111 42.1 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 43.199 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

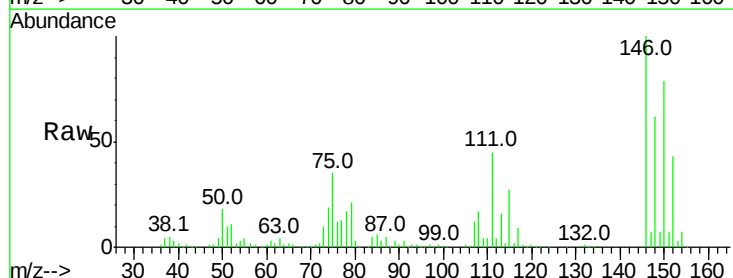
Tgt Ion:146 Resp: 367059

Ion Ratio Lower Upper

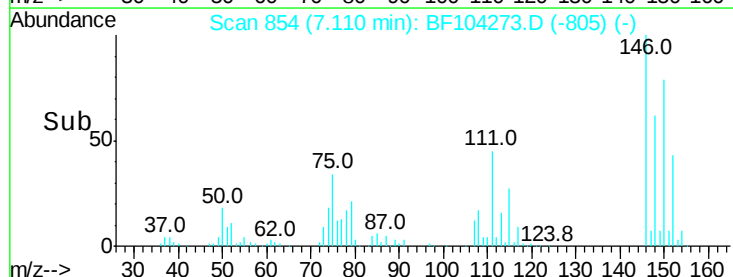
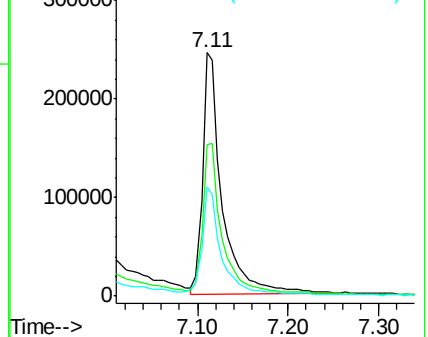
146 100

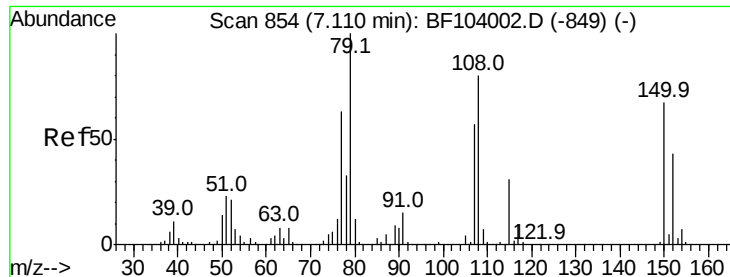
148 62.5 50.6 75.8

111 44.9 36.0 54.0



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

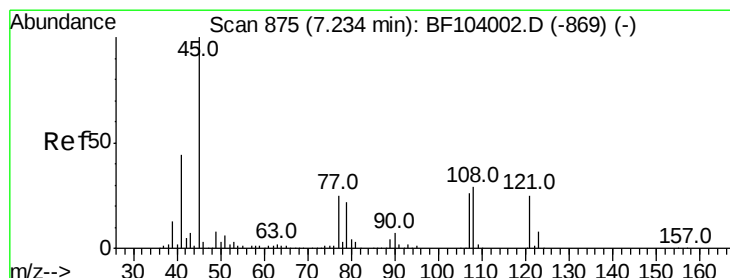
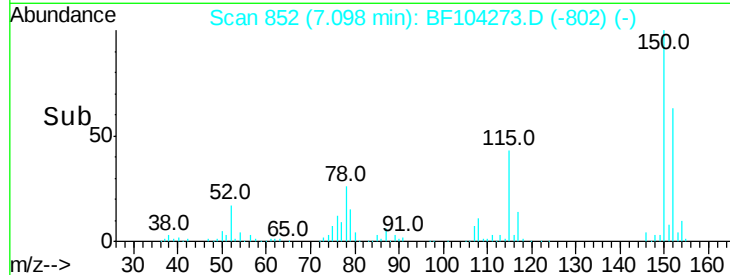
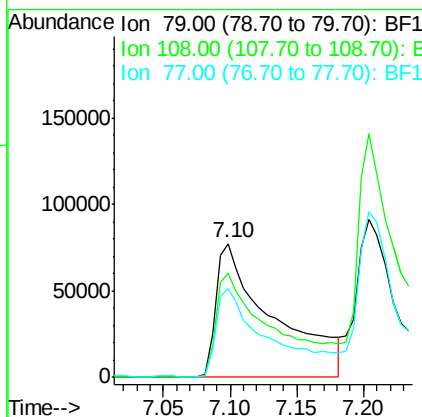
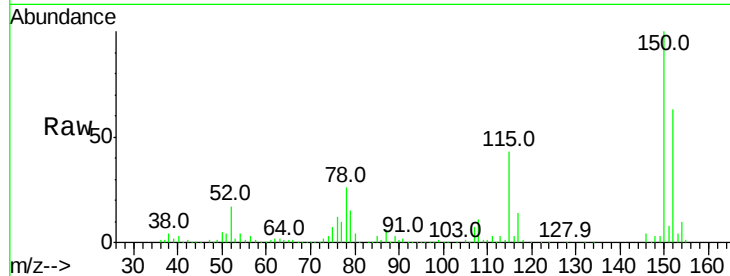




#15
Benzyl Alcohol
Concen: 40.201 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

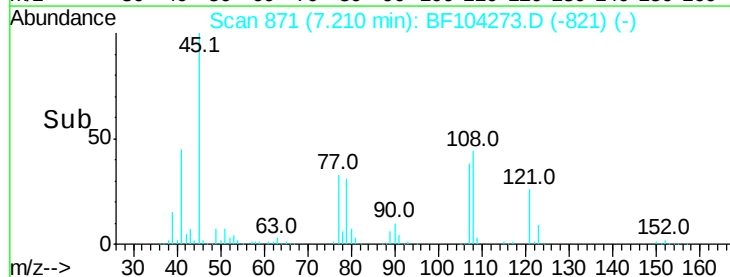
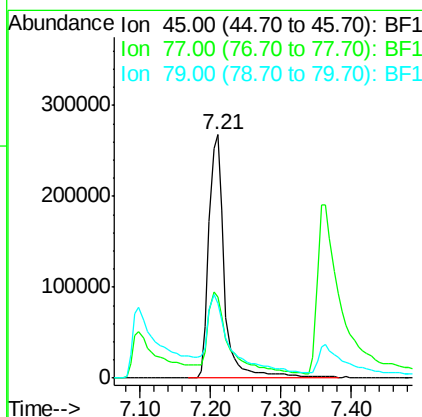
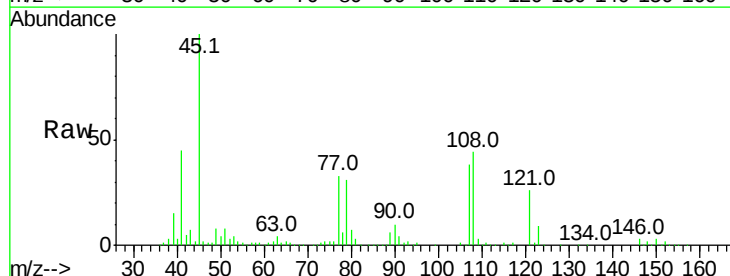
Instrument :
BNA_F
ClientSampled :

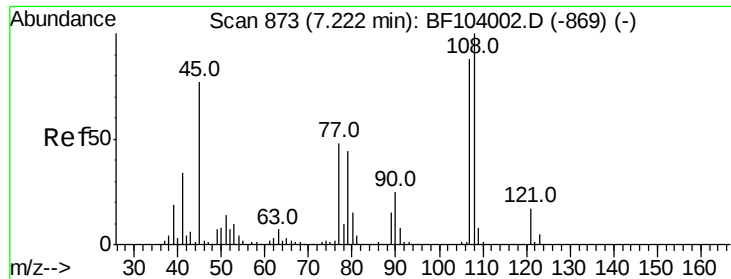
Tot Ion: 79 Resp: 230084
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 66.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.243 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion: 45 Resp: 414264
Ion Ratio Lower Upper
45 100
77 33.4 0.0 32.9#
79 30.7 0.0 29.6#

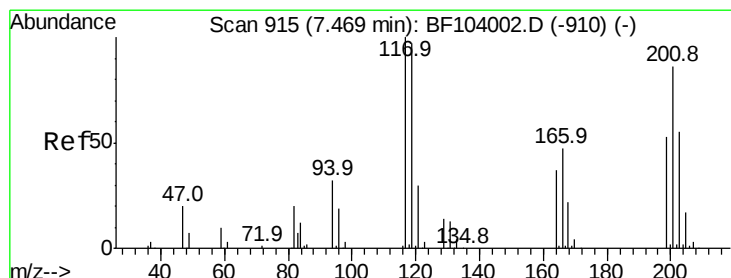
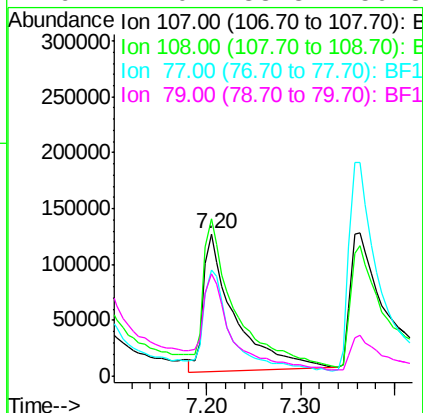
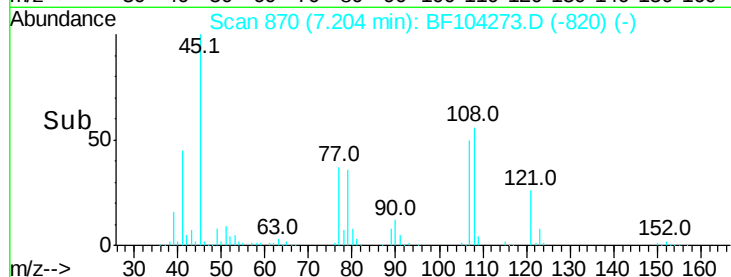
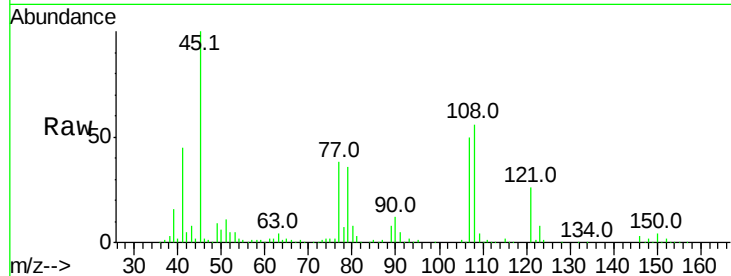




#17
2-Methylphenol
Concen: 44.777 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

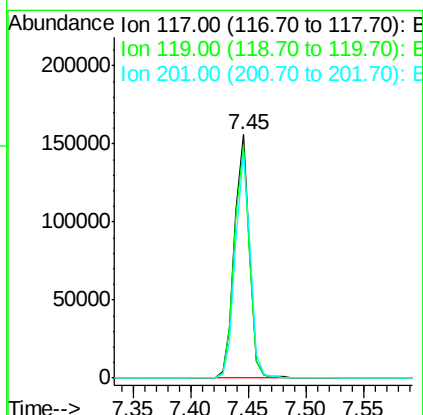
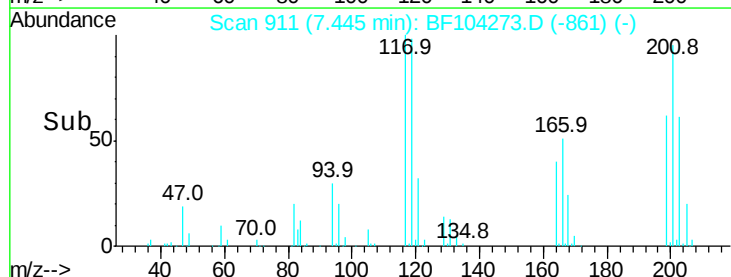
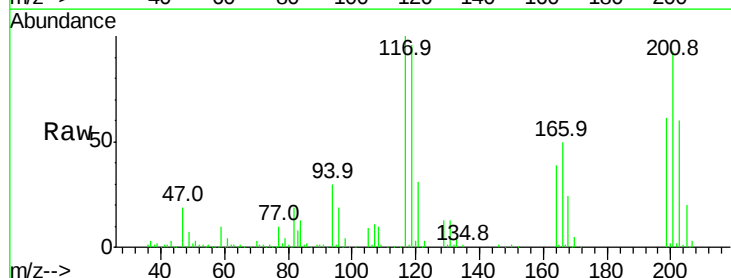
Instrument :
BNA_F
ClientSampled :

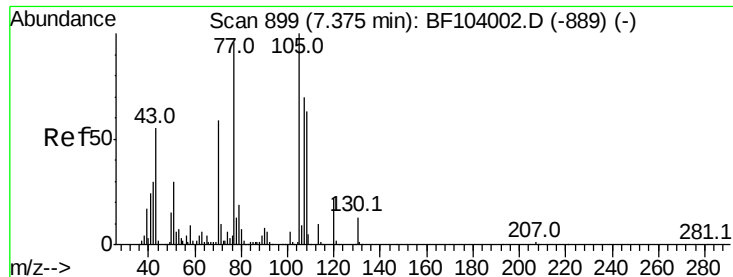
Tot Ion:107 Resp: 286035
Ion Ratio Lower Upper
107 100
108 110.6 91.7 137.5
77 75.0 33.8 50.8#
79 72.0 33.8 50.8#



#18
Hexachloroethane
Concen: 44.227 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:117 Resp: 139982
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 92.7 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.126 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 240964

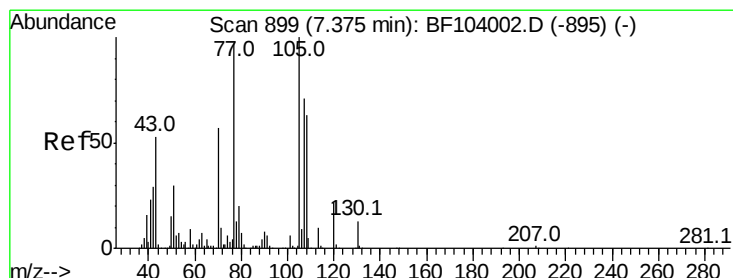
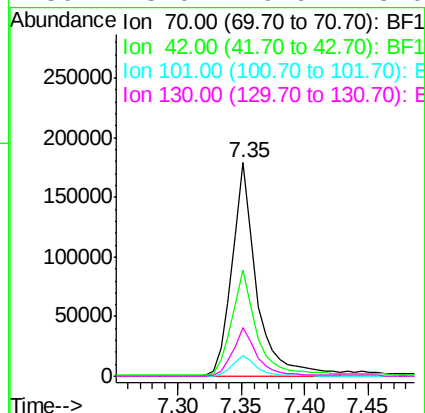
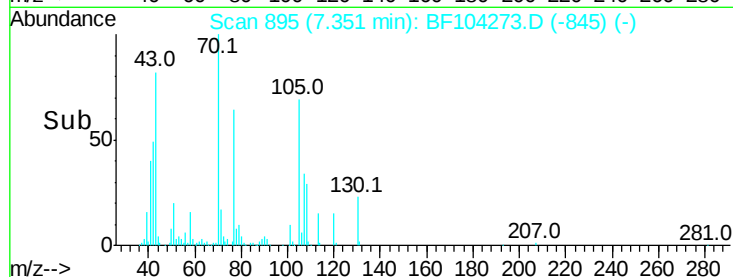
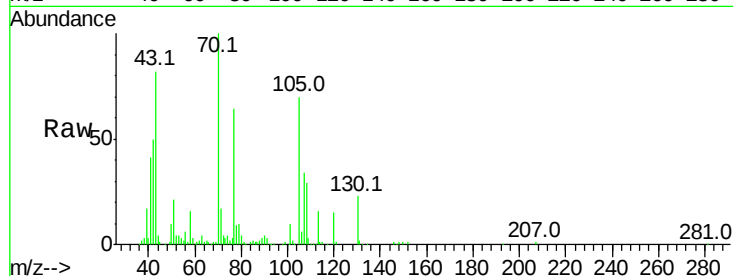
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 9.9 7.4 11.2

130 23.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.249 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Tgt Ion:107 Resp: 352596

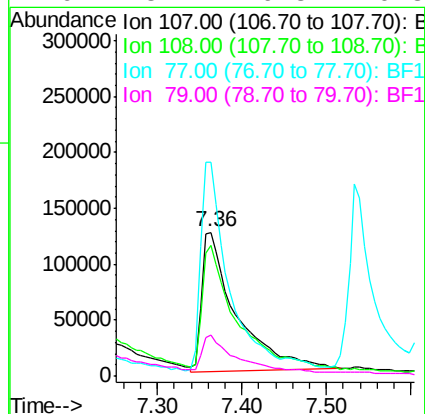
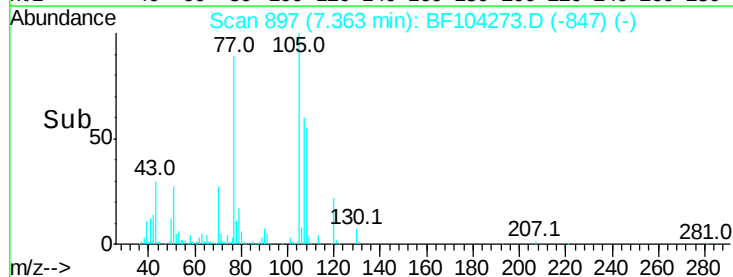
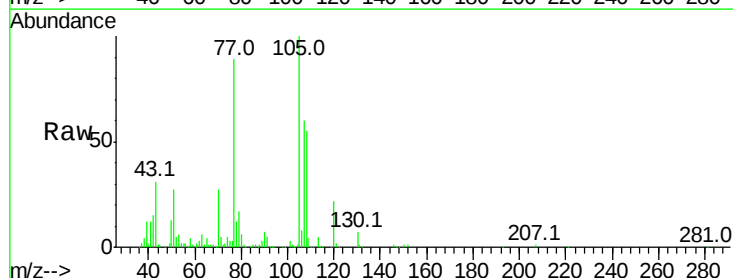
Ion Ratio Lower Upper

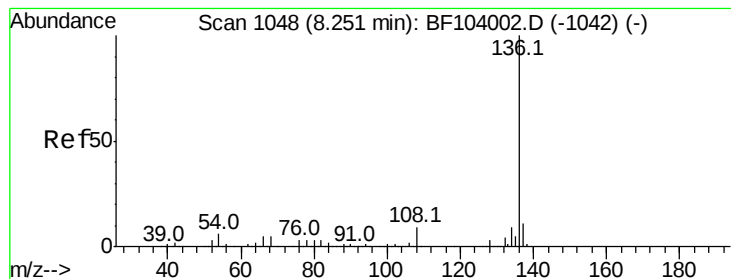
107 100

108 90.9 68.2 108.2

77 148.4 26.7 66.7#

79 28.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 476892

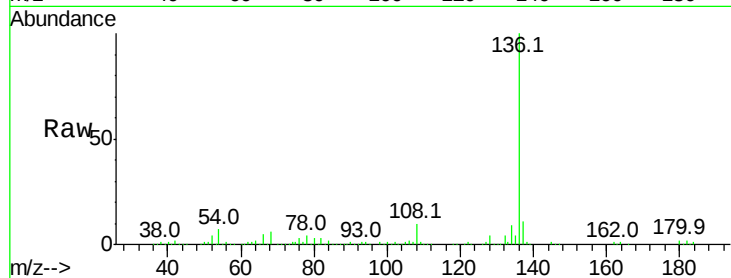
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

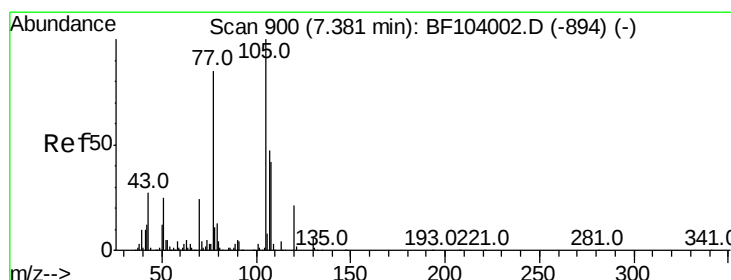
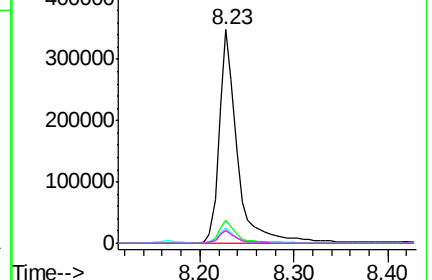
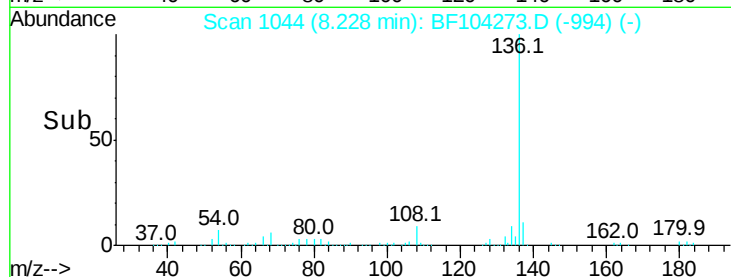


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.590 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Tgt Ion:105 Resp: 514496

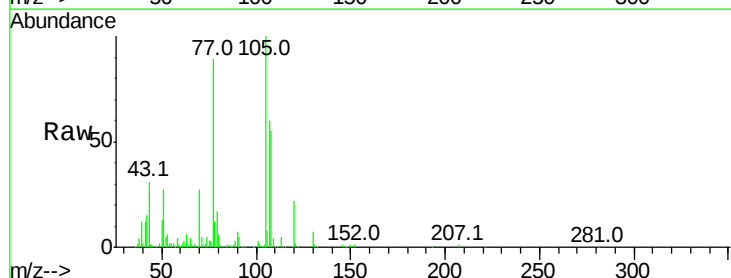
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 27.0 22.3 33.5

120 22.5 16.9 25.3

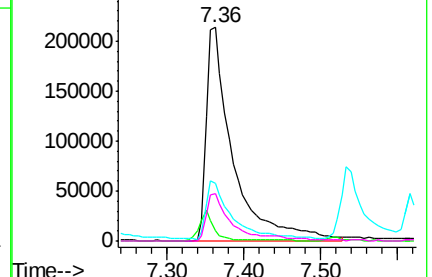
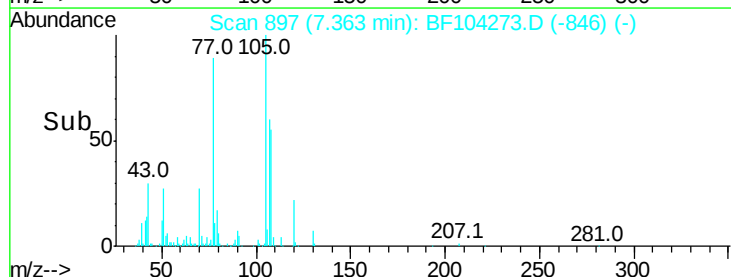


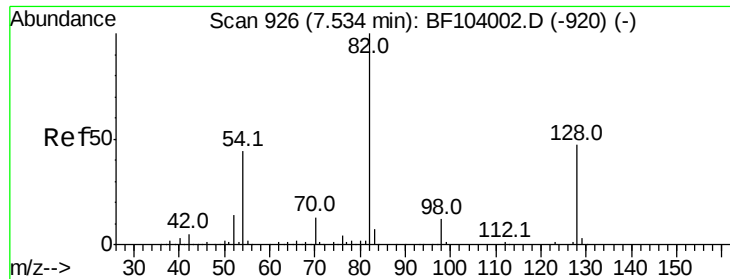
Abundance Ion 105.00 (104.70 to 105.70): E

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

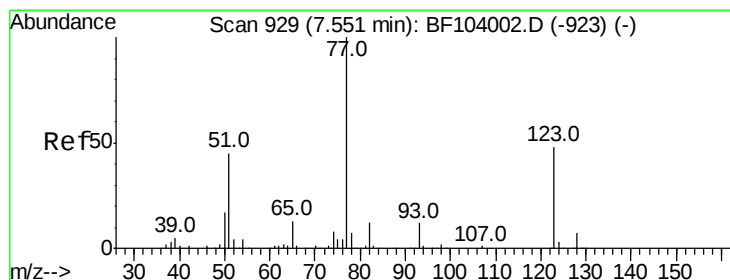
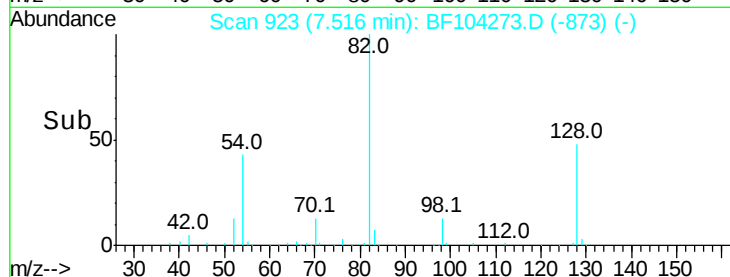
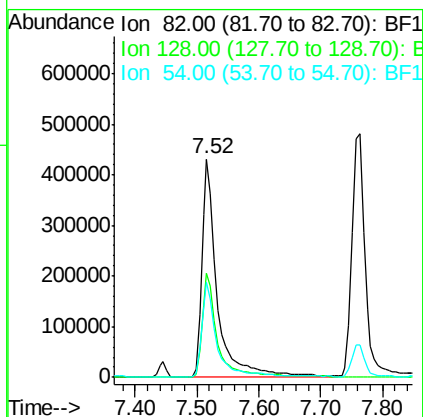
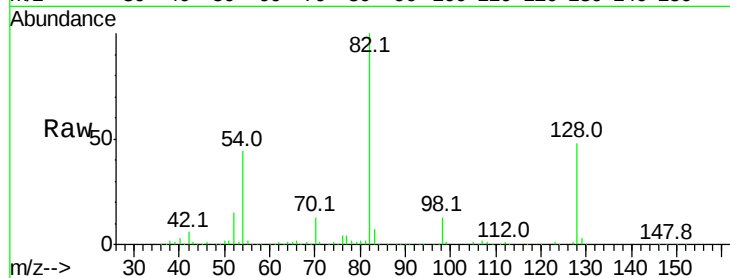




#23
 Nitrobenzene-d5
 Concen: 97.524 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

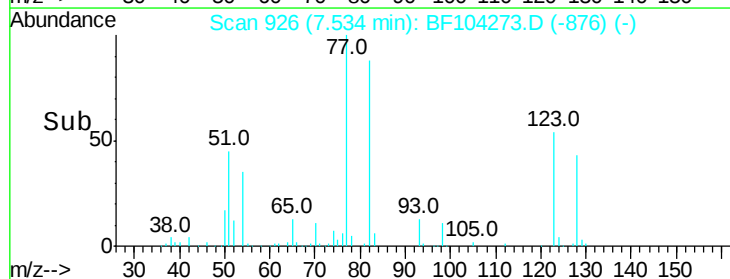
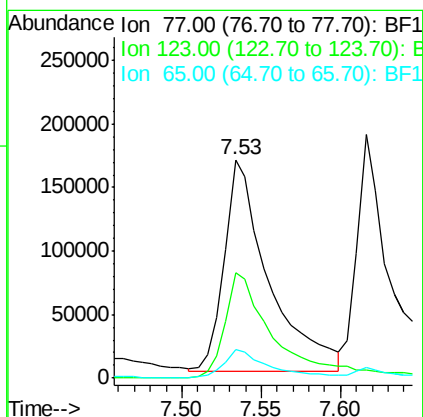
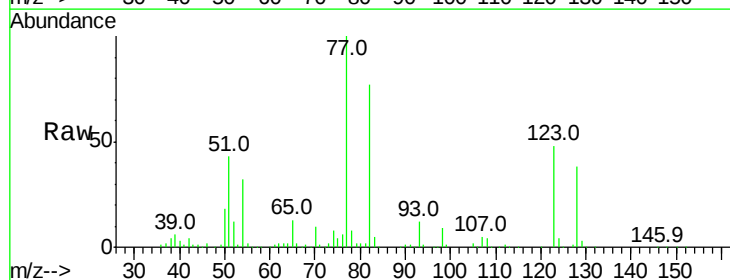
Instrument :
 BNA_F
 ClientSampleId :

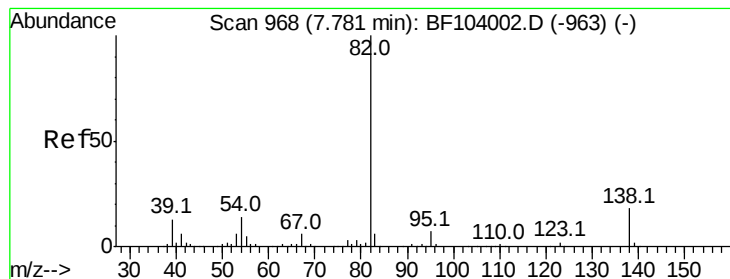
Tot Ion: 82 Resp: 760495
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 43.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.592 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion: 77 Resp: 324840
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.9 56.9
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 49.790 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

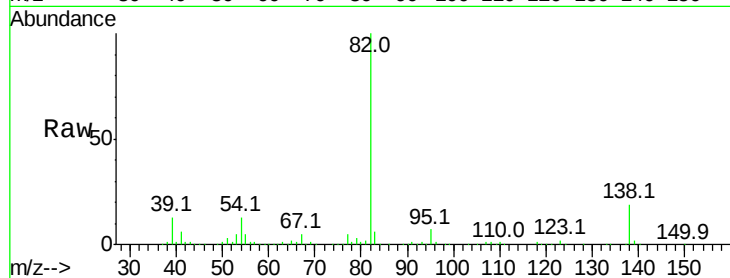
Tot Ion: 82 Resp: 715535

Ion Ratio Lower Upper

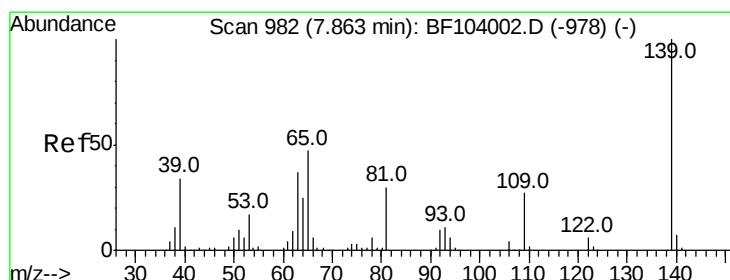
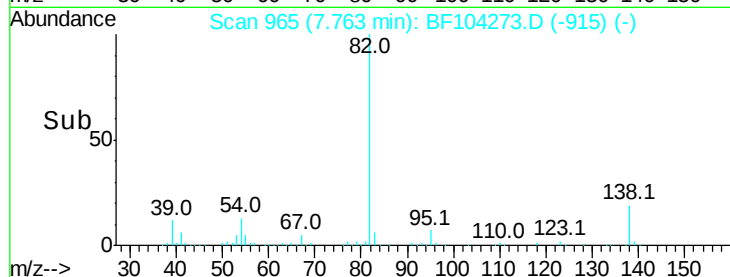
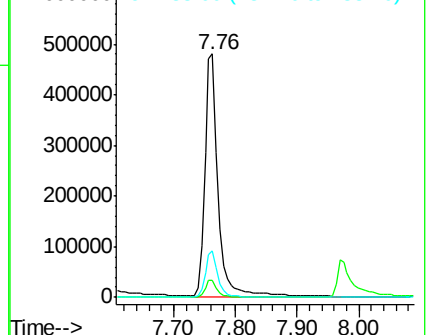
82 100

95 7.0 5.2 7.8

138 19.1 14.9 22.3



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



#26

2-Nitrophenol

Concen: 49.601 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

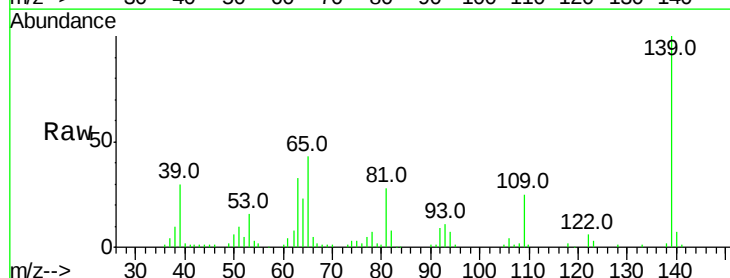
Tgt Ion: 139 Resp: 212435

Ion Ratio Lower Upper

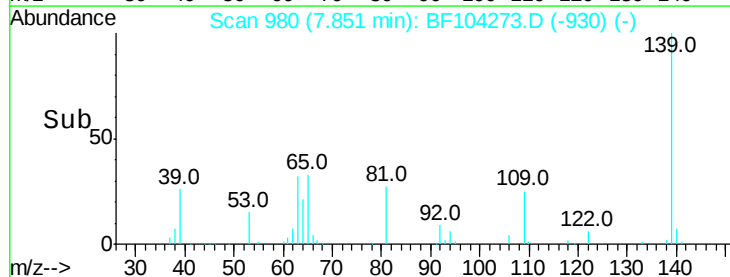
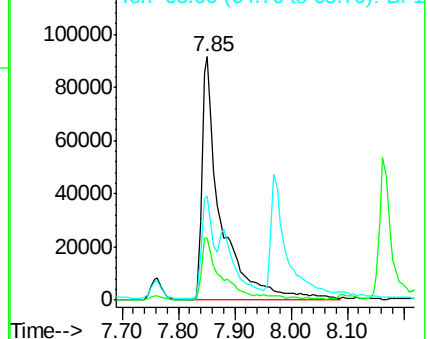
139 100

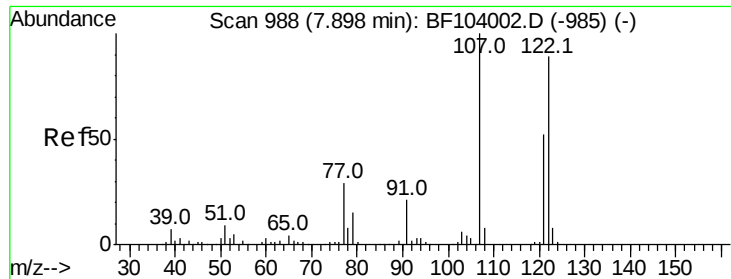
109 25.3 22.7 34.1

65 42.6 40.5 60.7



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

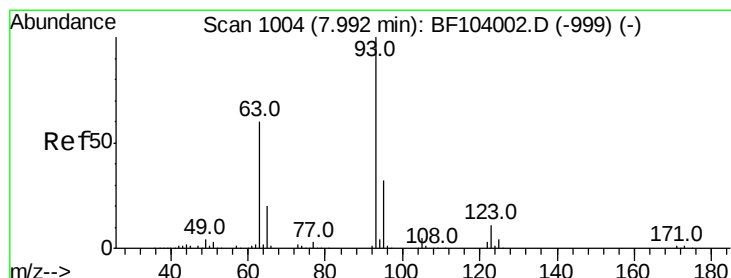
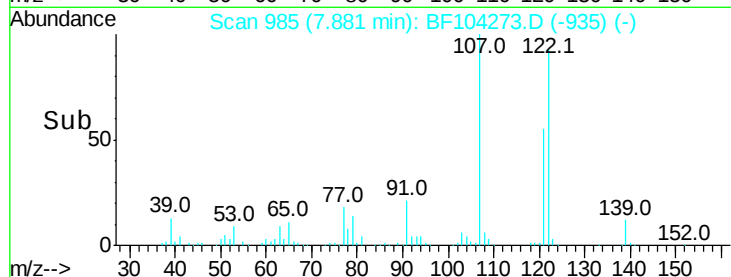
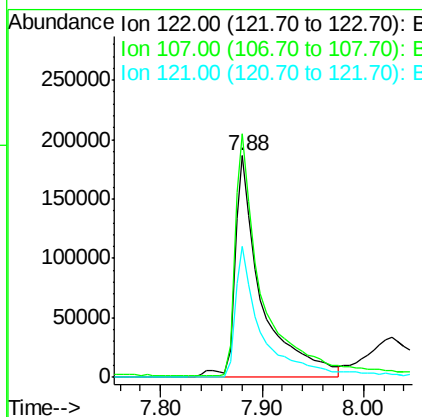
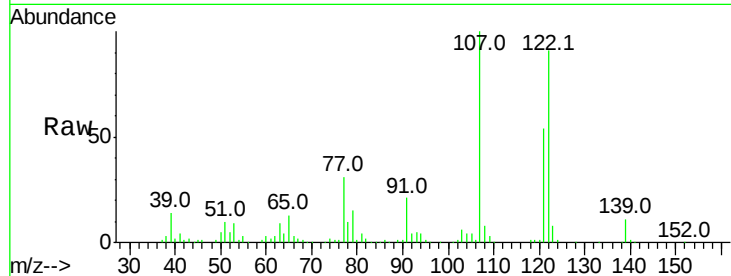




#27
 2,4-Dimethylphenol
 Concen: 54.537 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

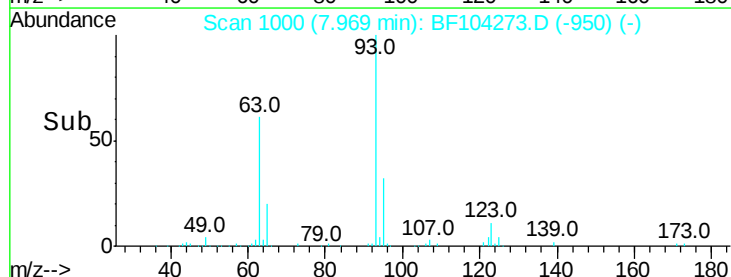
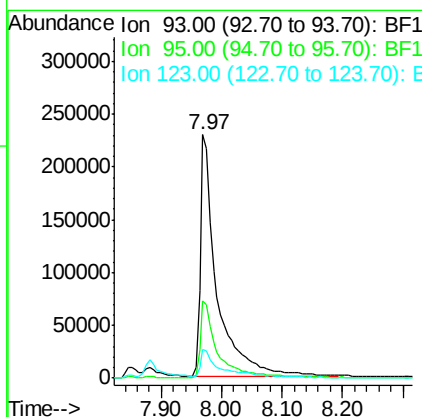
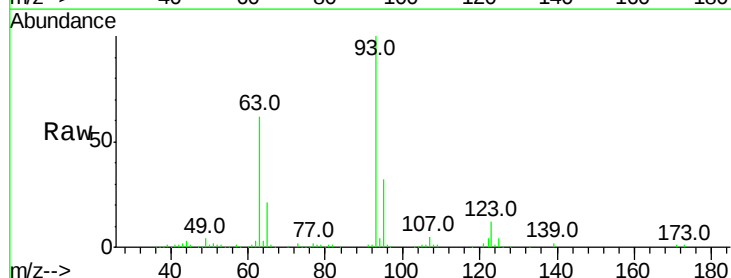
Instrument :
 BNA_F
 ClientSampled :

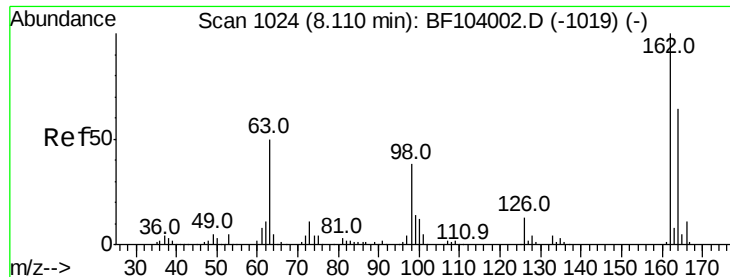
Tot Ion:122 Resp: 336863
 Ion Ratio Lower Upper
 122 100
 107 109.8 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.258 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion: 93 Resp: 443672
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.3 39.5
 123 11.7 9.8 14.6

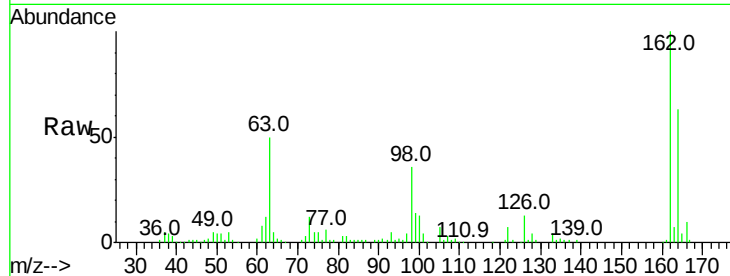




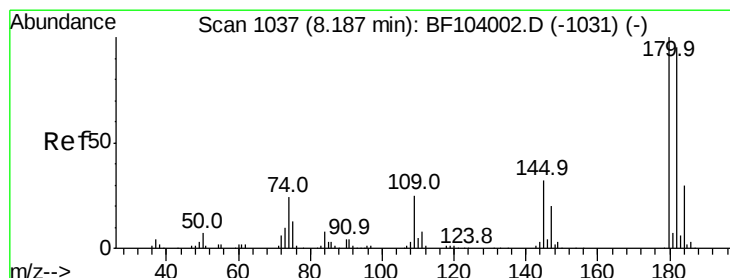
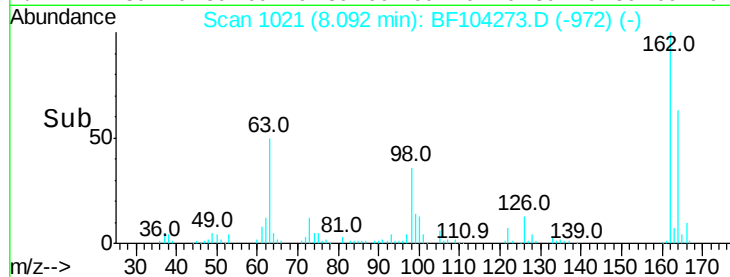
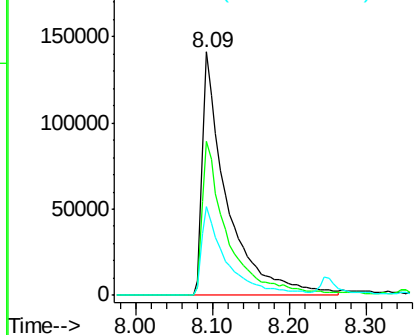
#29
 2,4-Dichlorophenol
 Concen: 48.856 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 315200
 Ion Ratio Lower Upper
 162 100
 164 63.5 42.7 82.7
 98 36.5 18.1 58.1

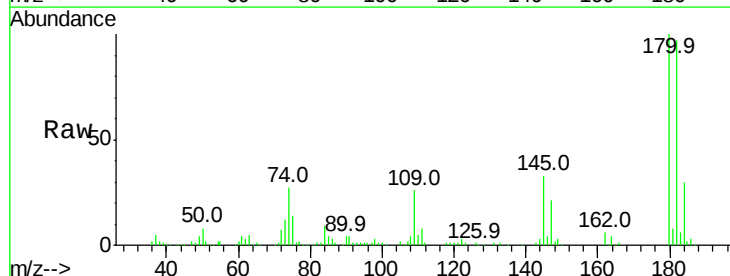


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

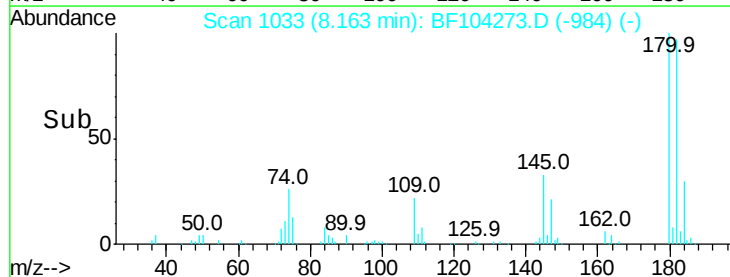
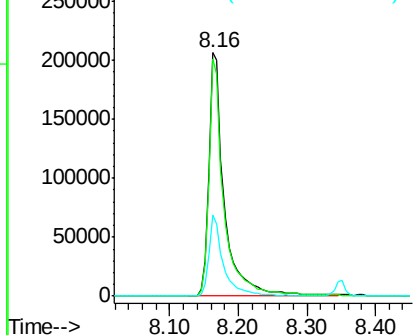


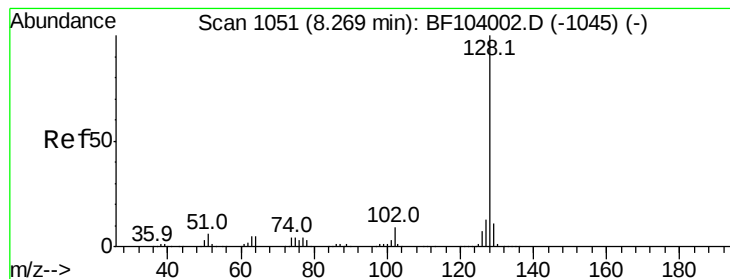
#30
 1,2,4-Trichlorobenzene
 Concen: 44.884 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:180 Resp: 328553
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.8 115.2
 145 33.1 26.5 39.7



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





#31

Naphthalene

Concen: 48.298 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampled :

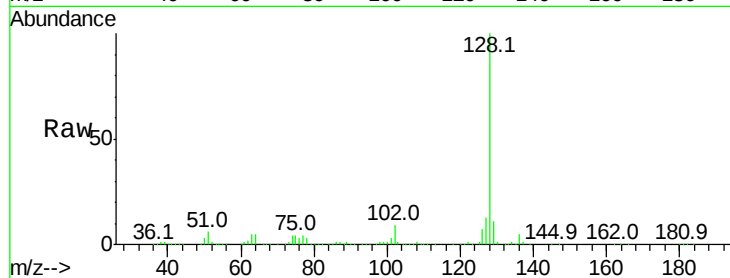
Tot Ion:128 Resp: 1125227

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

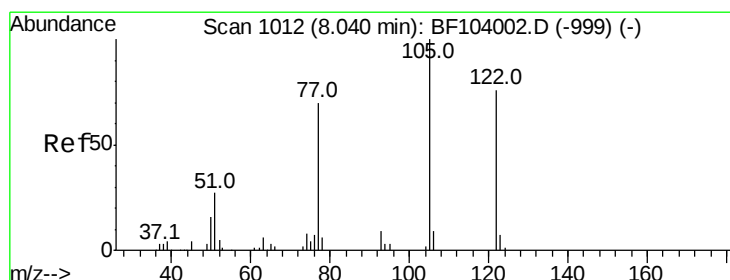
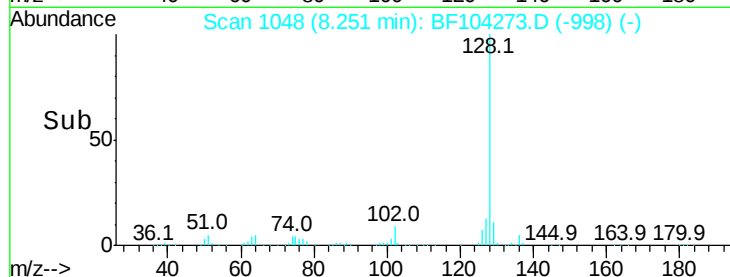
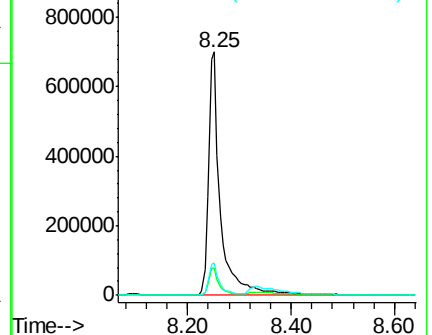
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.466 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

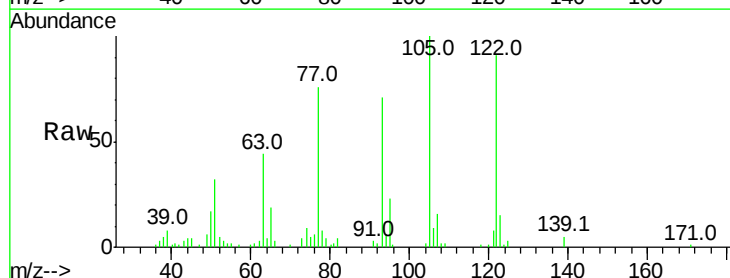
Tgt Ion:122 Resp: 115231

Ion Ratio Lower Upper

122 100

105 109.8 101.1 141.1

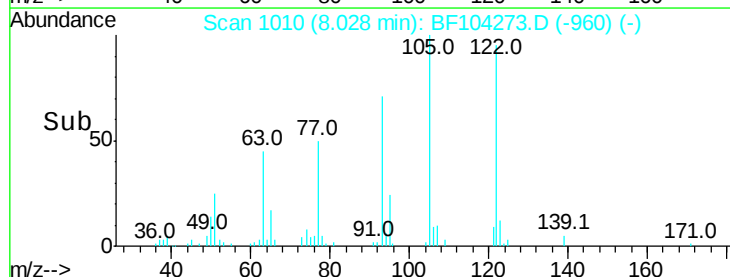
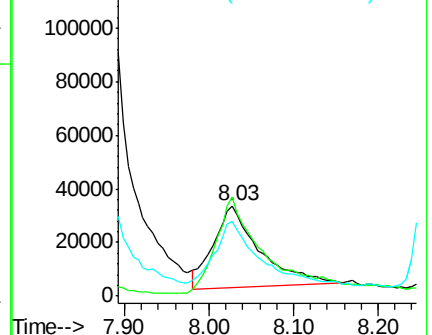
77 83.2 70.7 110.7

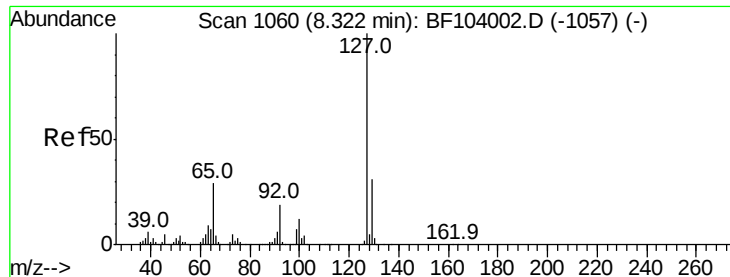


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

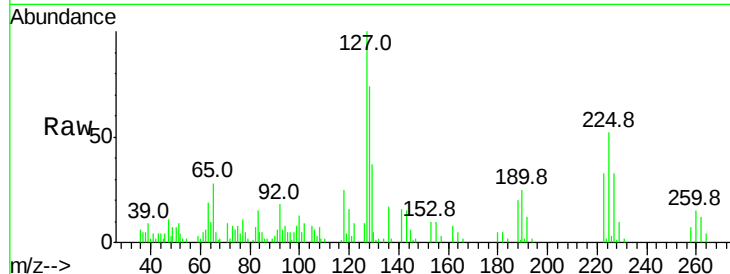




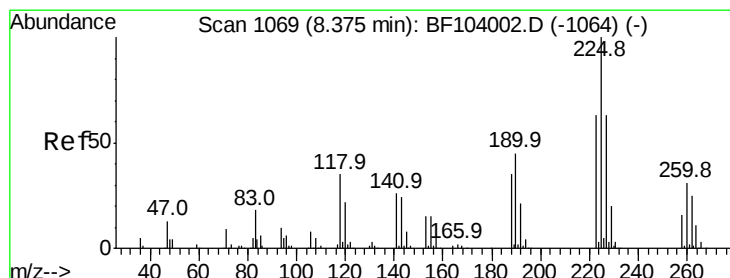
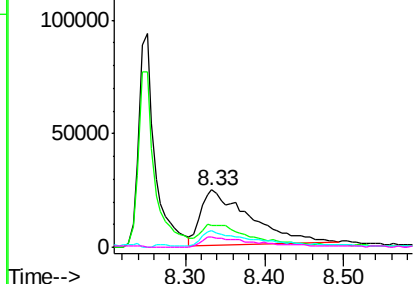
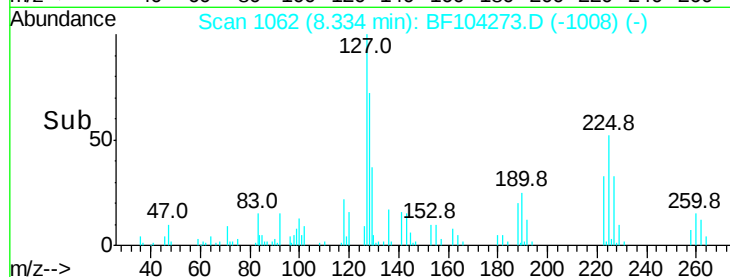
#33
4-Chloroaniline
Concen: 10.458 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	102723
Ion	Ratio	Lower	Upper
127	100		
129	37.4	25.9	38.9
65	28.0	25.0	37.4
92	17.8	15.2	22.8

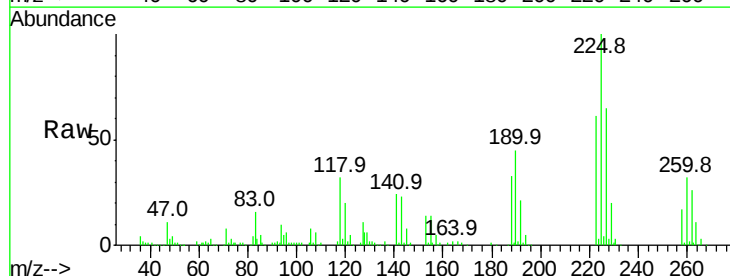


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

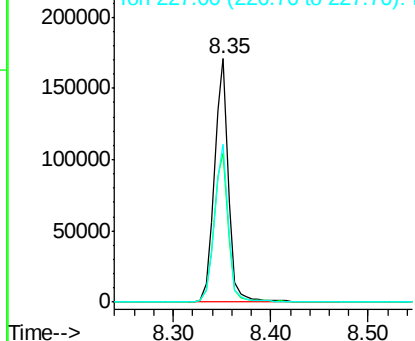
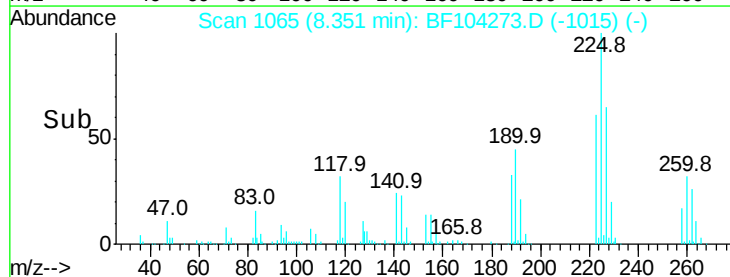


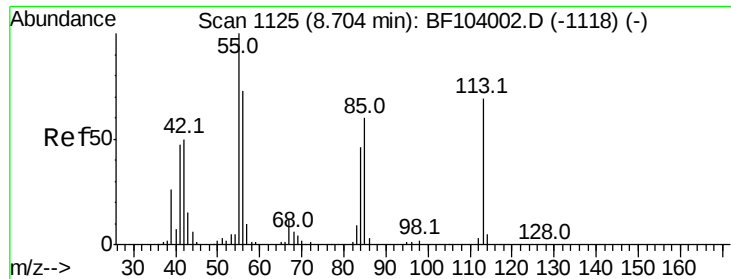
#34
Hexachlorobutadiene
Concen: 42.738 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:	225	Resp:	170242
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	64.9	51.9	77.9



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

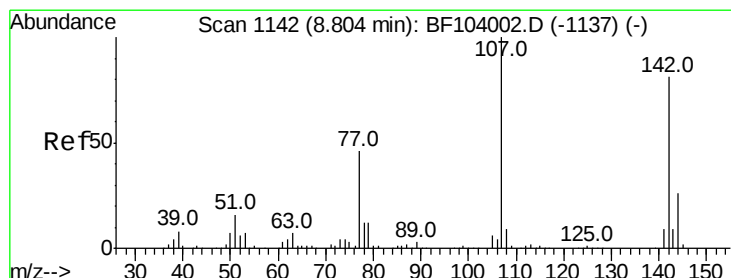
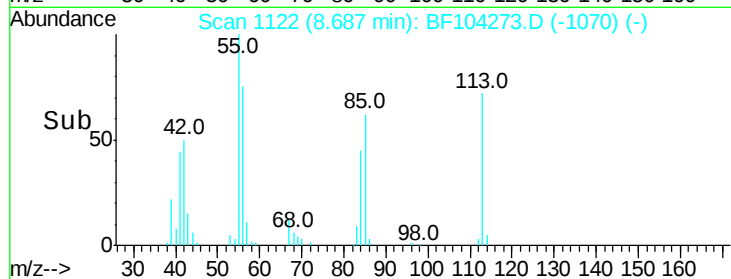
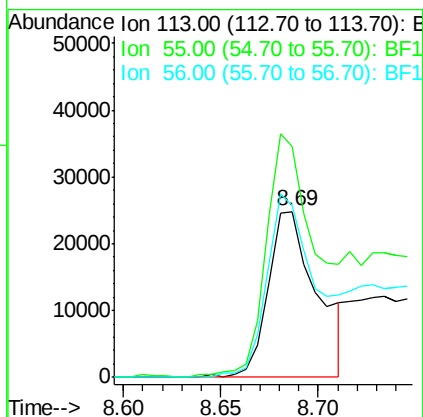
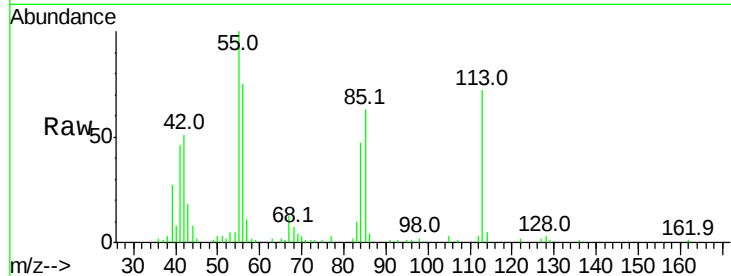




#35
 Caprolactam
 Concen: 21.024 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

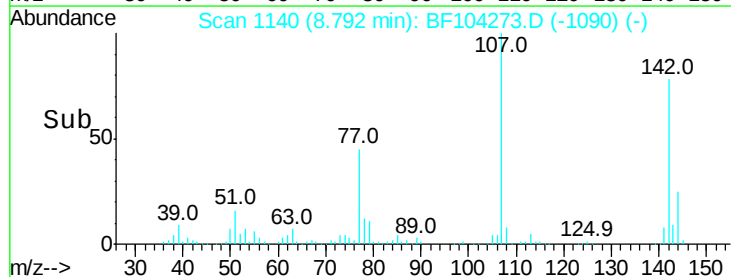
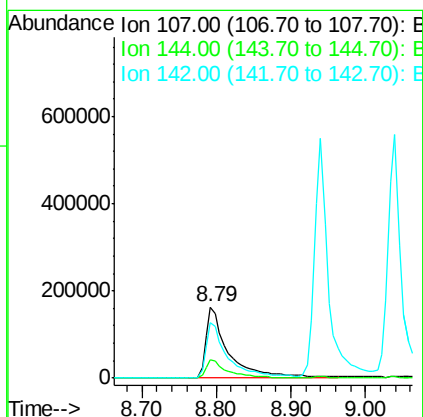
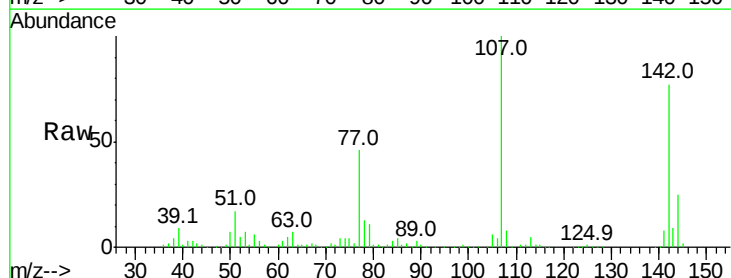
Instrument :
 BNA_F
 ClientSampled :

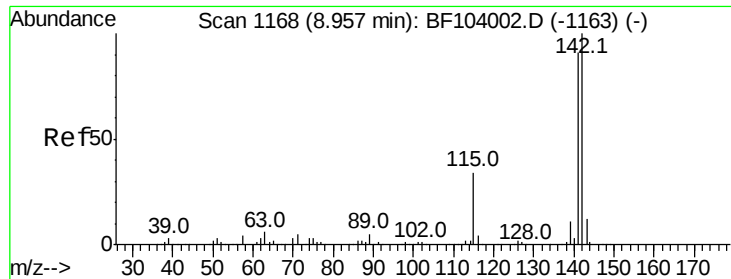
Tot Ion:113 Resp: 43008
 Ion Ratio Lower Upper
 113 100
 55 138.9 163.3 203.3#
 56 103.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 50.900 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:107 Resp: 347341
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 77.3 62.0 93.0

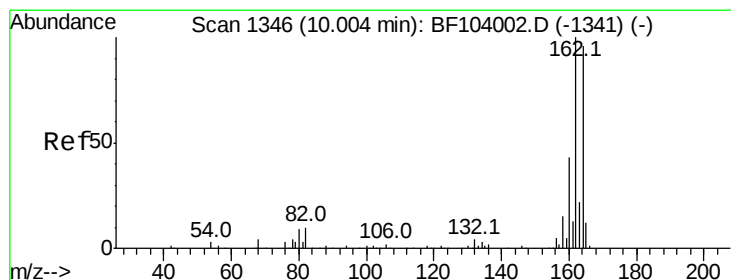
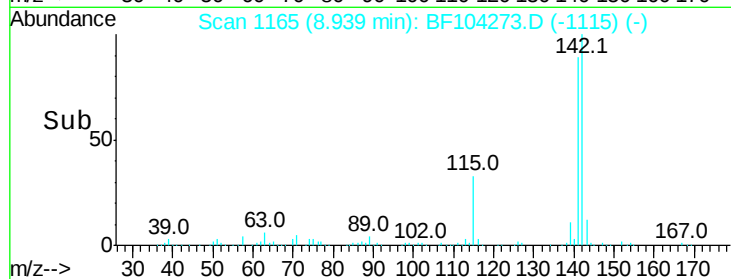
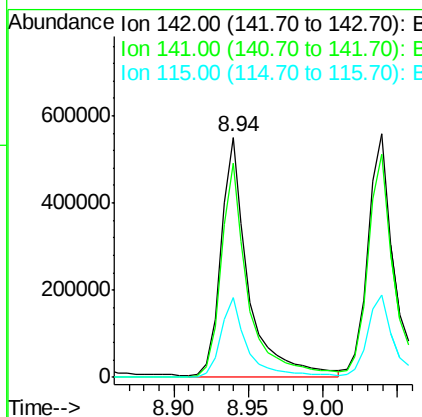
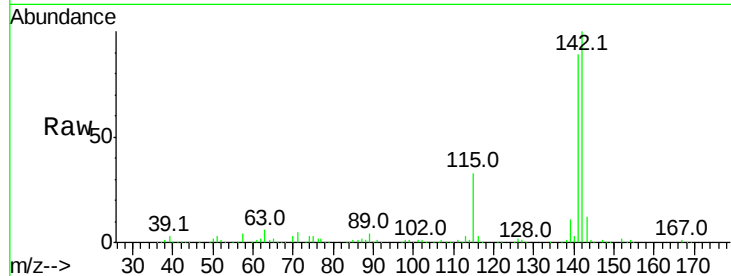




#37
 2-Methylnaphthalene
 Concen: 46.245 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

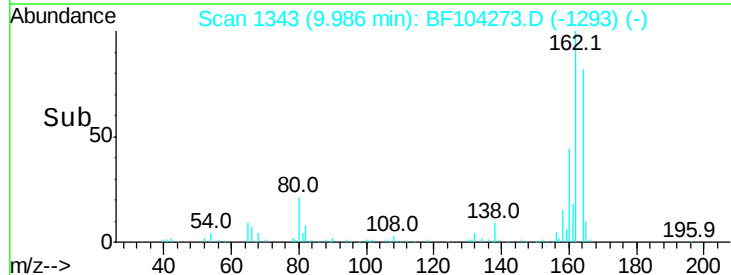
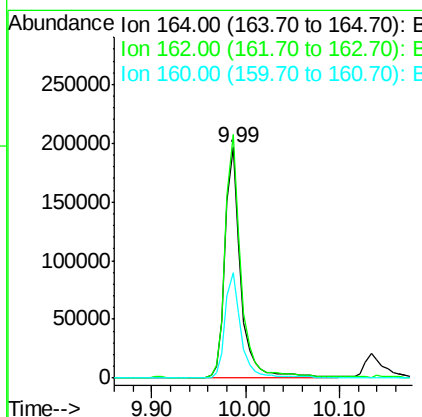
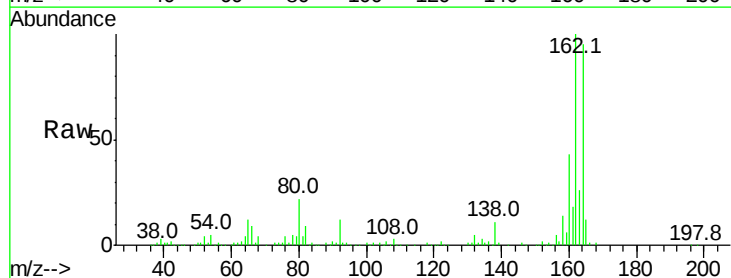
Instrument :
 BNA_F
 ClientSampleId :

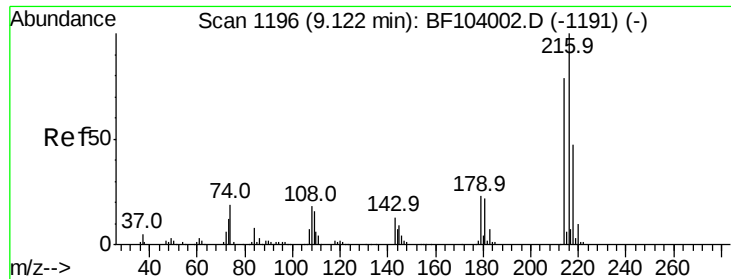
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.6	38.3	57.5

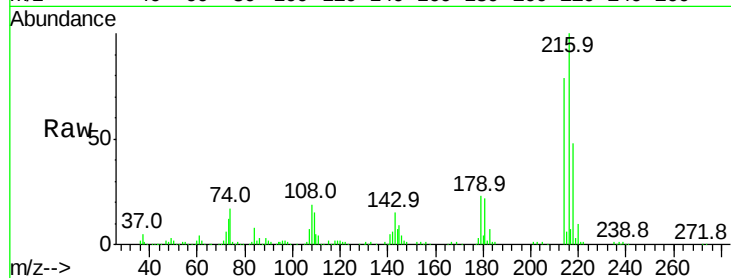




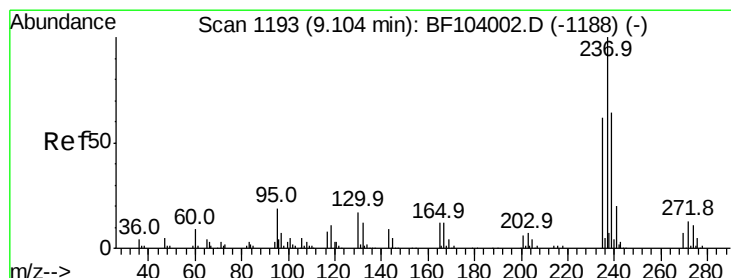
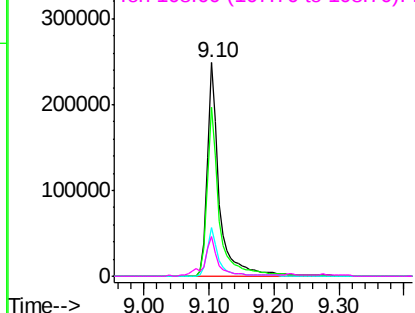
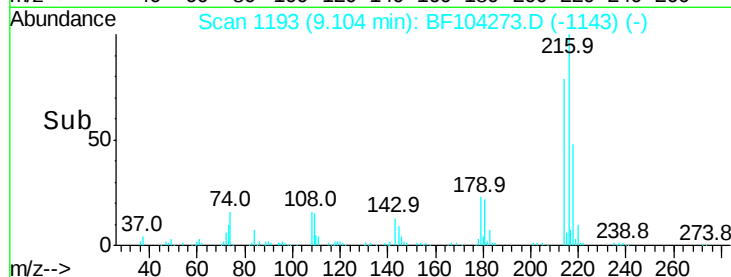
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.775 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	323341
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.3	18.1	27.1
108	19.8	17.2	25.8

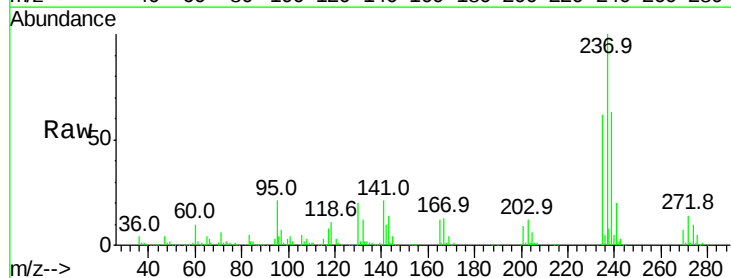


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

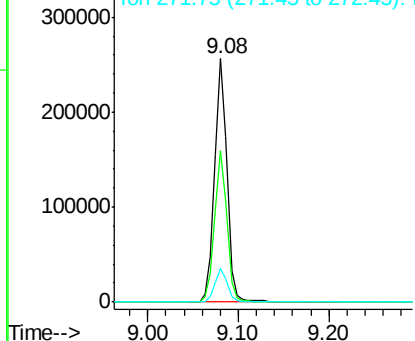
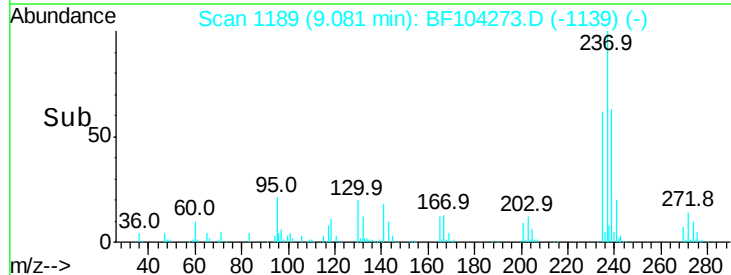


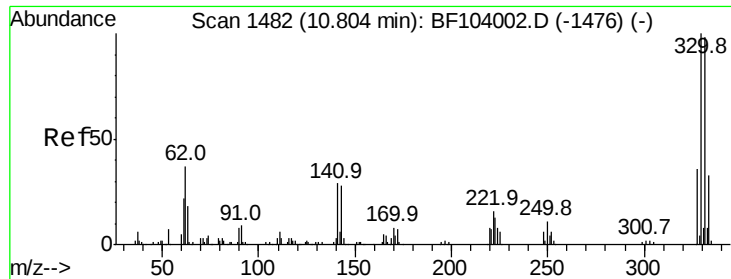
#40
 Hexachlorocyclopentadiene
 Concen: 74.606 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:	237	Resp:	246762
Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.8	84.8
272	13.9	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

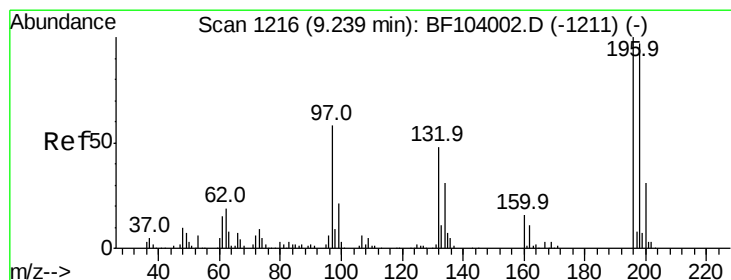
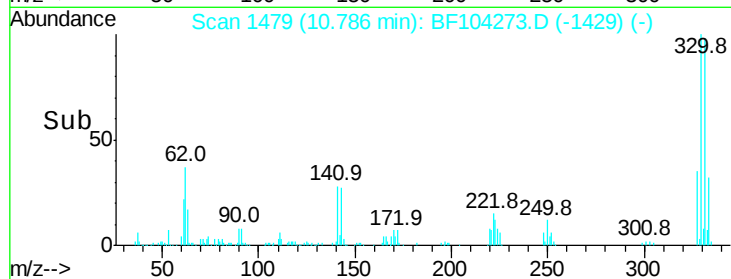
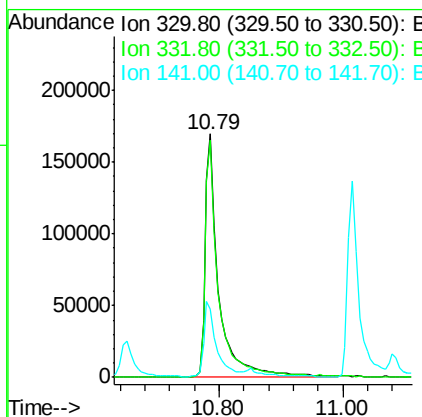
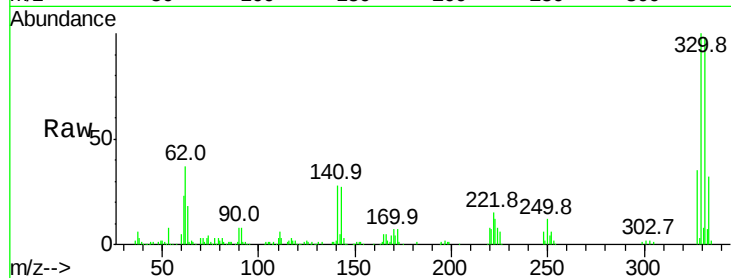




#41
 2,4,6-Tribromophenol
 Concen: 101.454 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

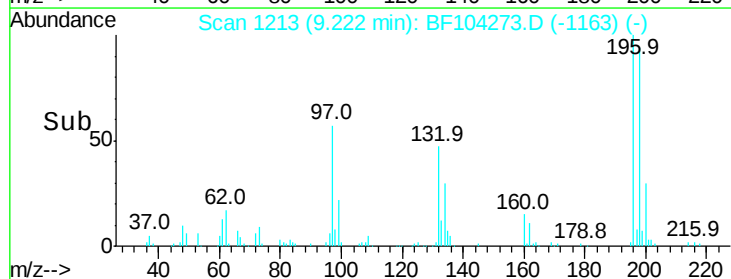
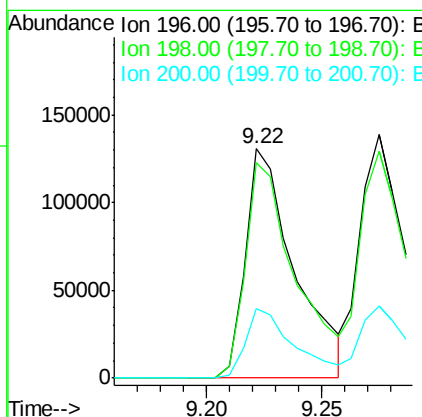
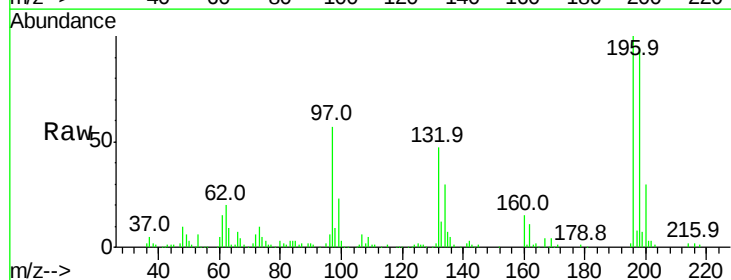
Instrument :
 BNA_F
 ClientSampleId :

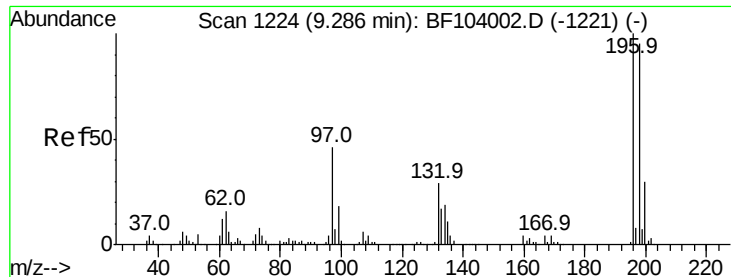
Tot Ion:330 Resp: 260222
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 27.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.360 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:196 Resp: 193943
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.1 24.5 36.7

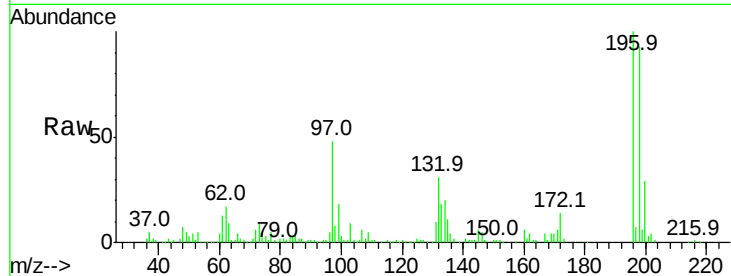




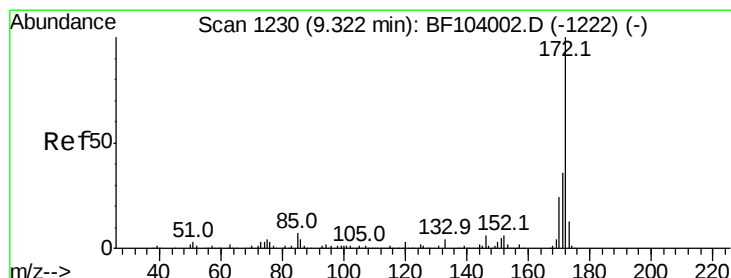
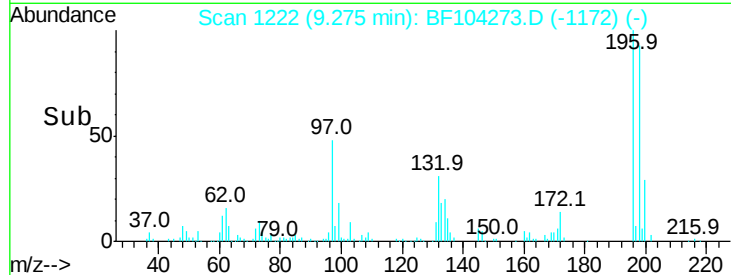
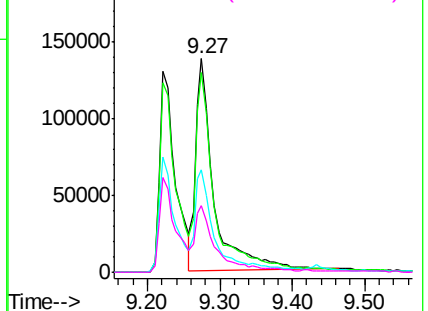
#43
 2,4,5-Trichlorophenol
 Concen: 45.264 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 244454
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 48.0 42.9 64.3
 132 31.4 26.3 39.5

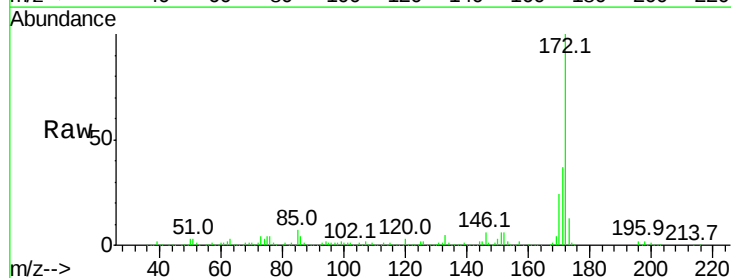


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

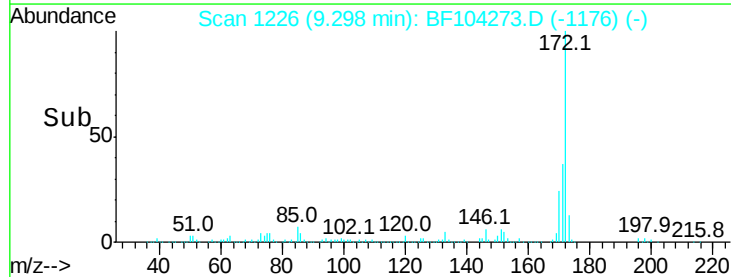
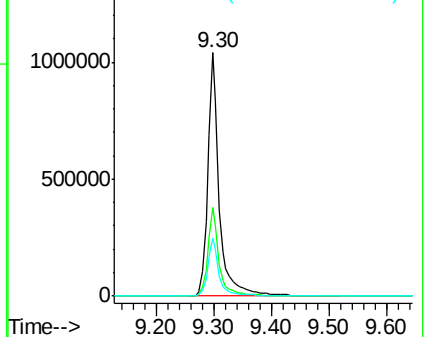


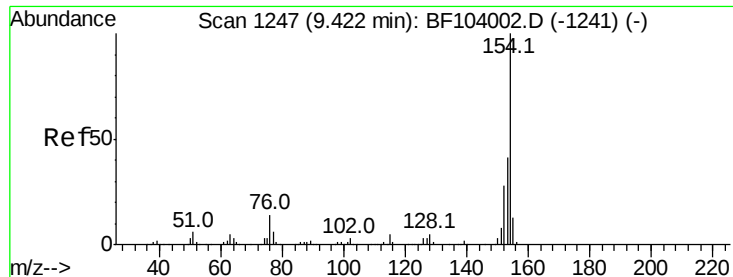
#44
 2-Fluorobiphenyl
 Concen: 100.726 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:172 Resp: 1471345
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

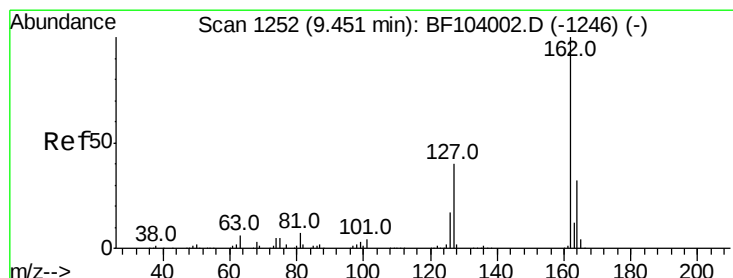
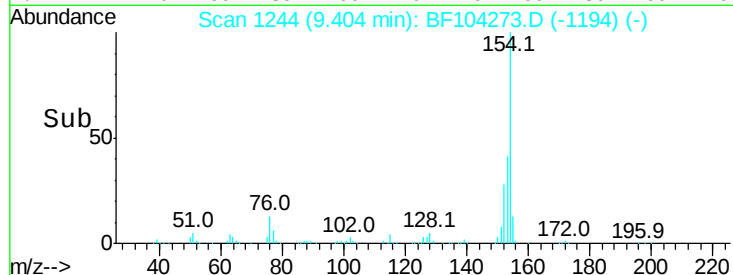
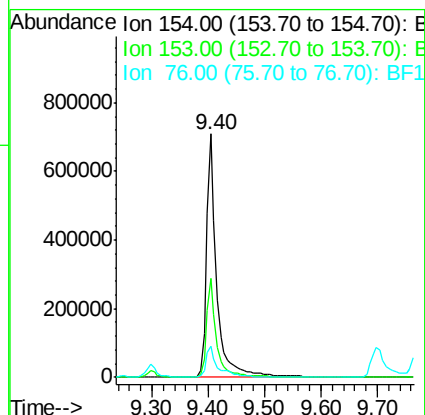
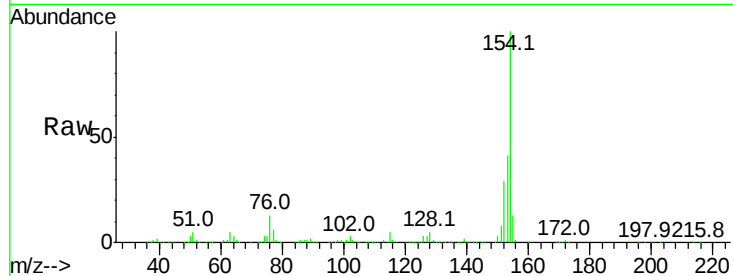




#45
 1,1'-Biphenyl
 Concen: 45.701 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

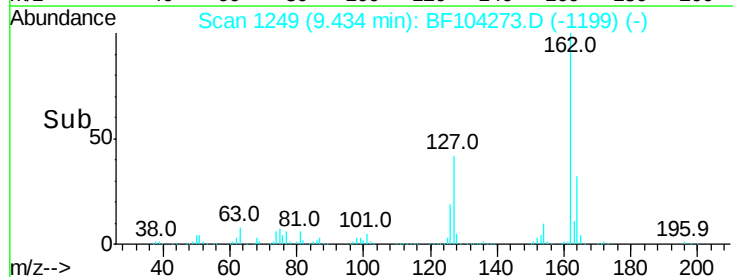
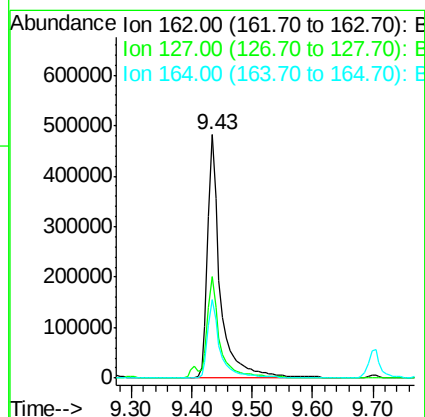
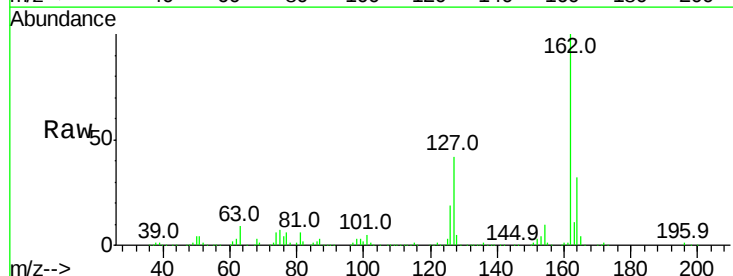
Instrument :
 BNA_F
 ClientSampleId :

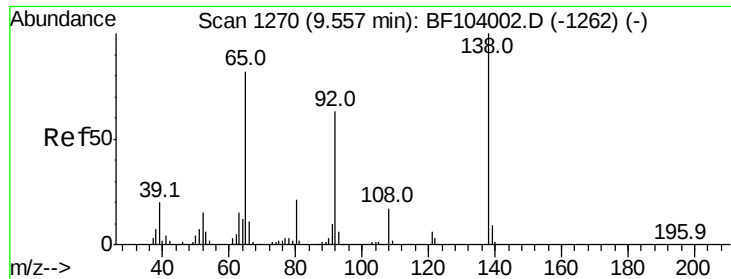
Tot Ion:154 Resp: 903512
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 45.618 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:162 Resp: 711401
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.4 26.5 39.7

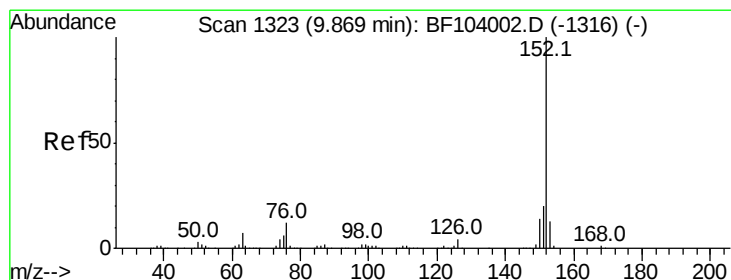
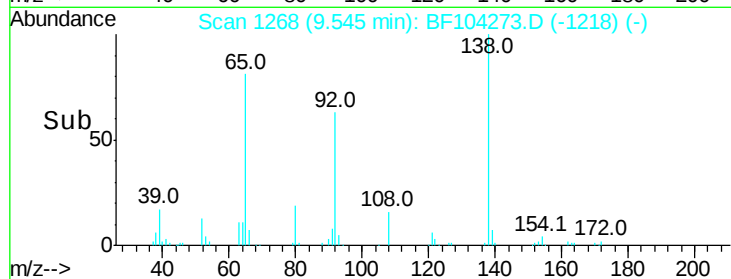
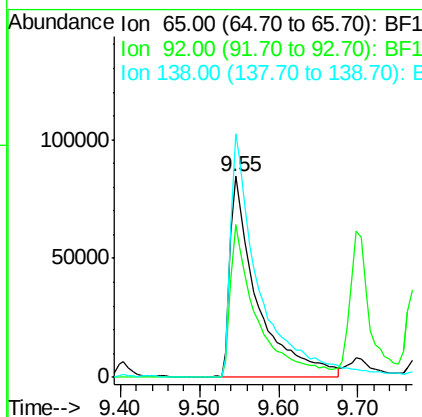
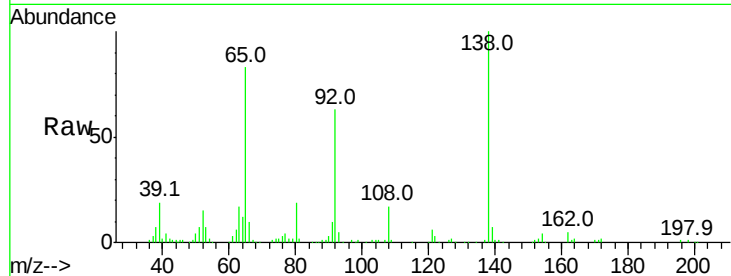




#47
2-Nitroaniline
Concen: 45.558 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

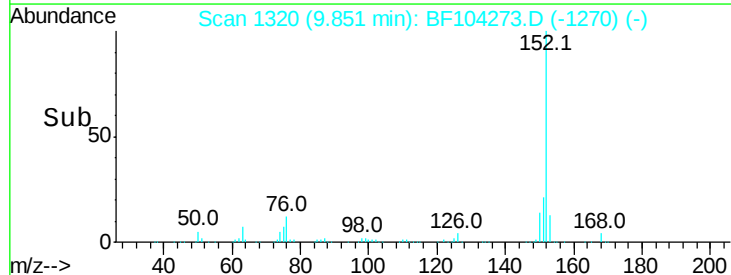
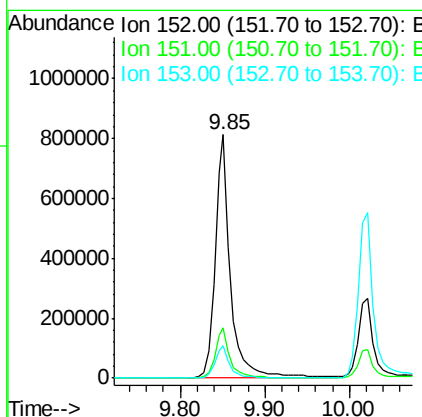
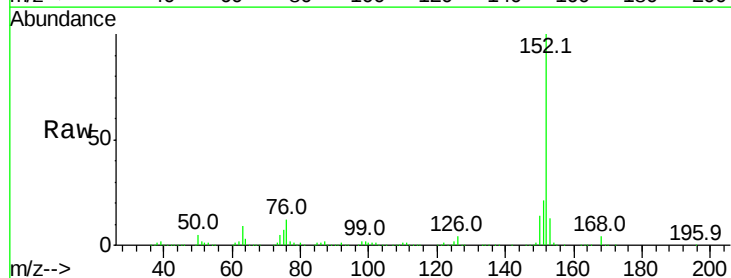
Instrument :
BNA_F
ClientSampled :

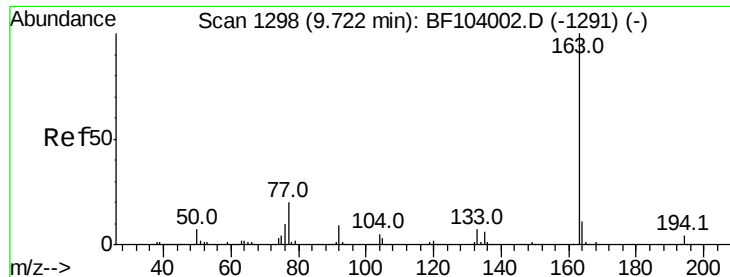
Tot Ion: 65 Resp: 202590
Ion Ratio Lower Upper
65 100
92 76.1 55.8 83.6
138 121.0 91.2 136.8



#48
Acenaphthylene
Concen: 43.851 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:152 Resp: 1036022
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.2 10.7 16.1

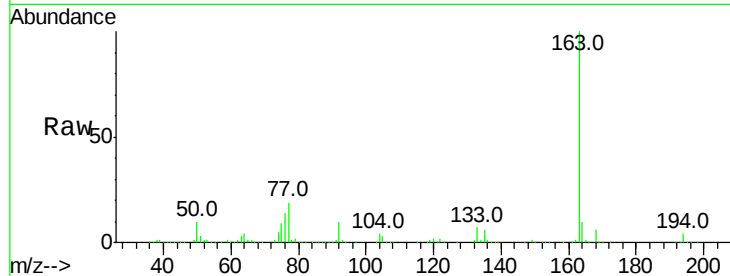




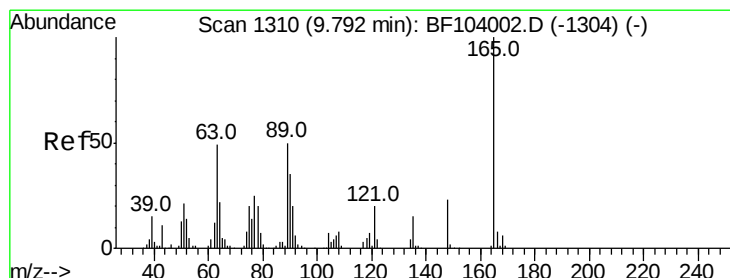
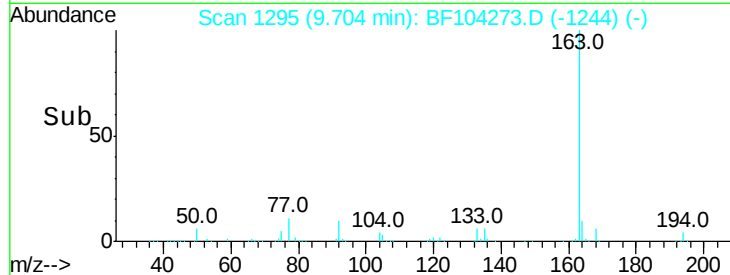
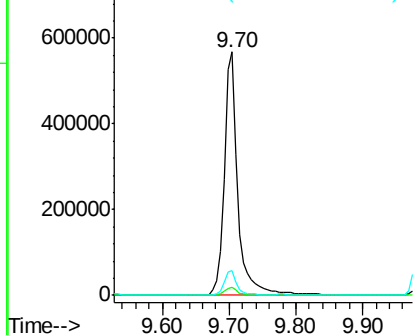
#49
Dimethylphthalate
Concen: 44.787 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 814528
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

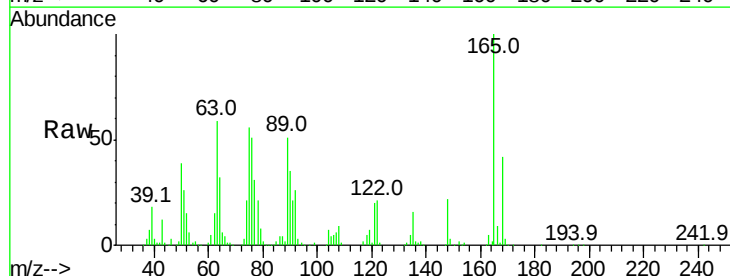


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

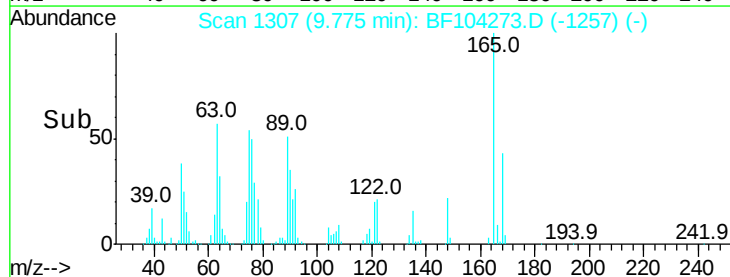
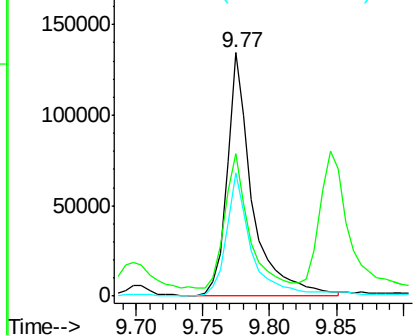


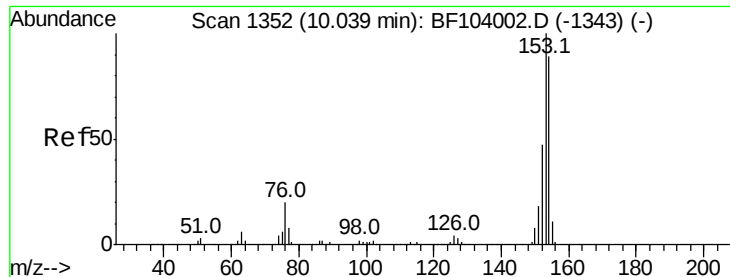
#50
2,6-Dinitrotoluene
Concen: 45.150 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:165 Resp: 176660
Ion Ratio Lower Upper
165 100
63 58.8 44.7 67.1
89 50.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.523 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

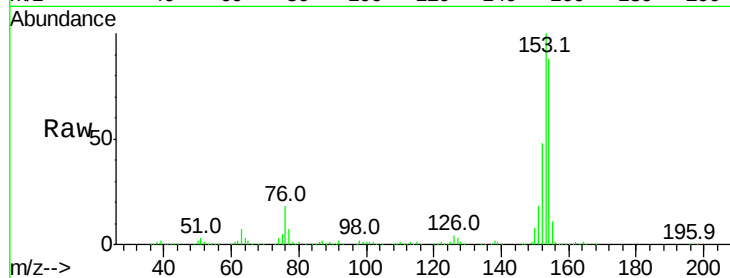
Tot Ion:154 Resp: 581176

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

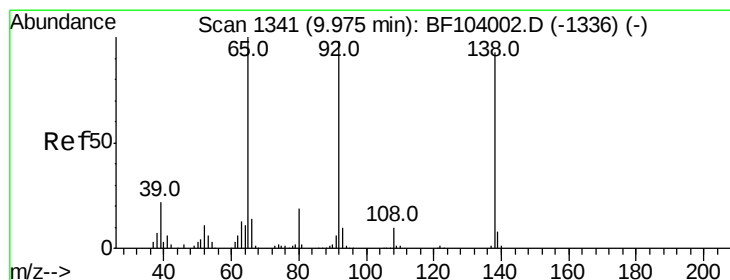
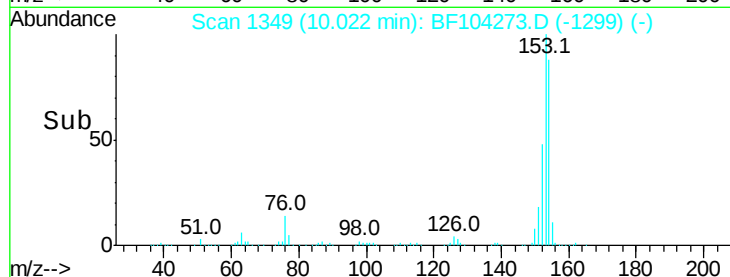
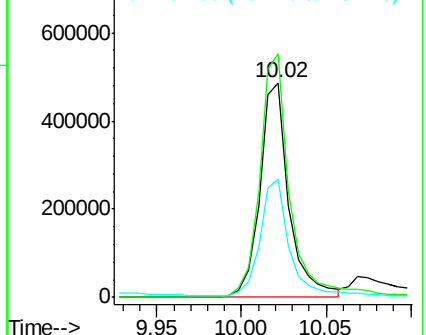
152 54.8 43.8 65.8



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: 19.277 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

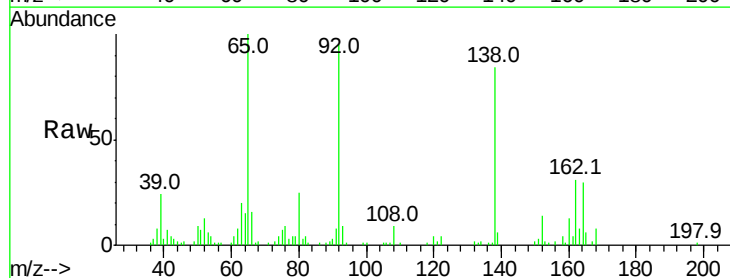
Tgt Ion:138 Resp: 86702

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

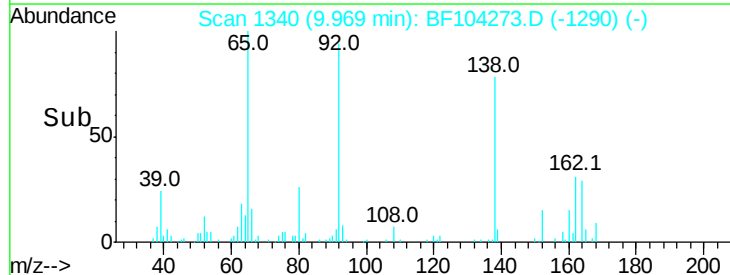
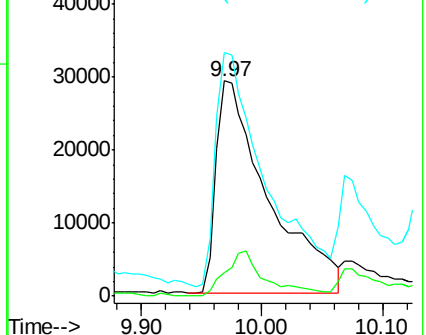
92 113.2 89.4 134.2

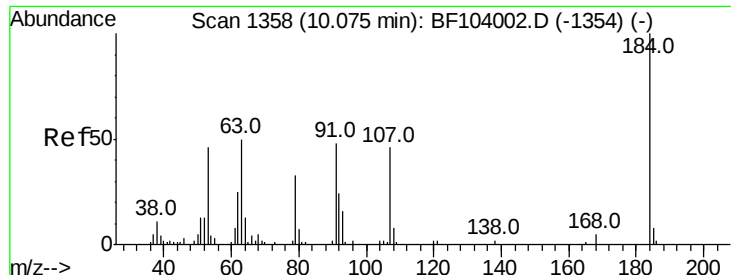


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

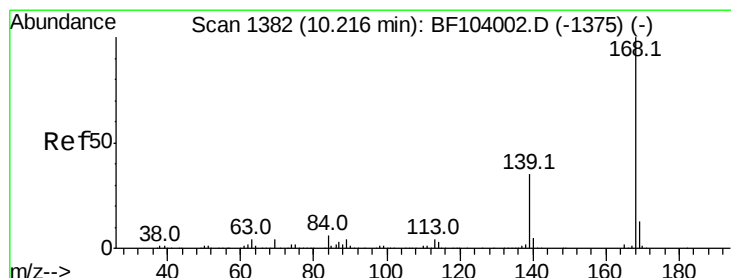
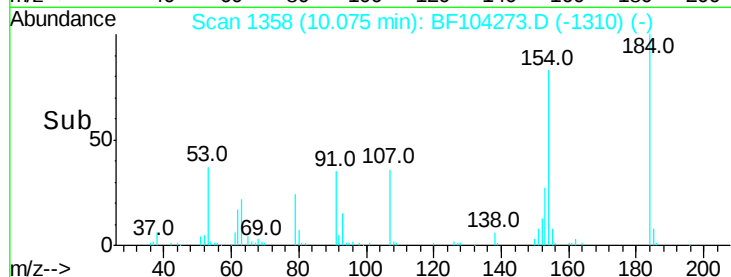
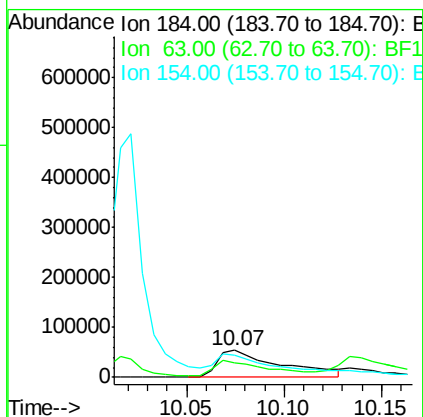
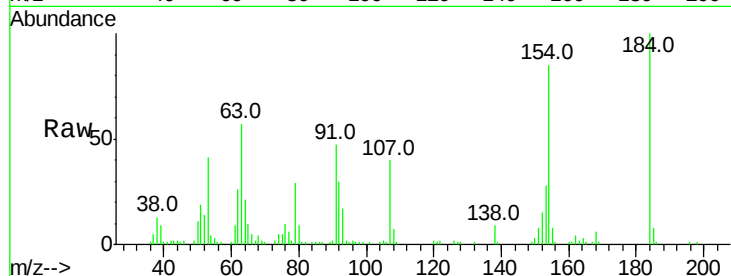




#53
2,4-Dinitrophenol
Concen: 71.707 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

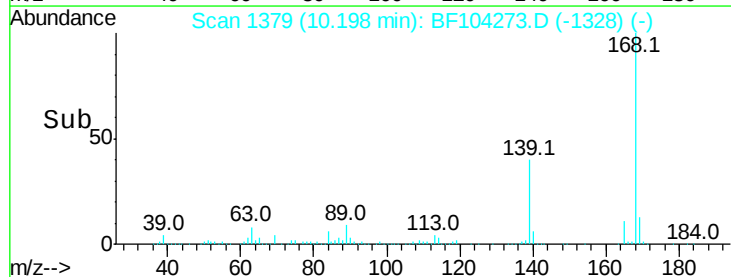
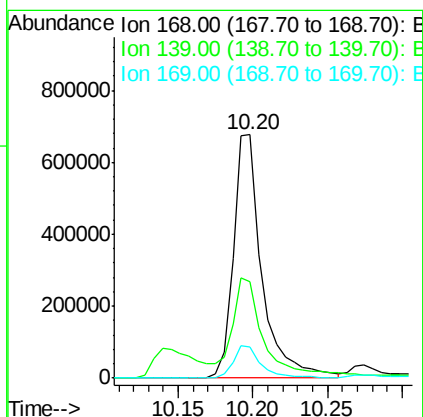
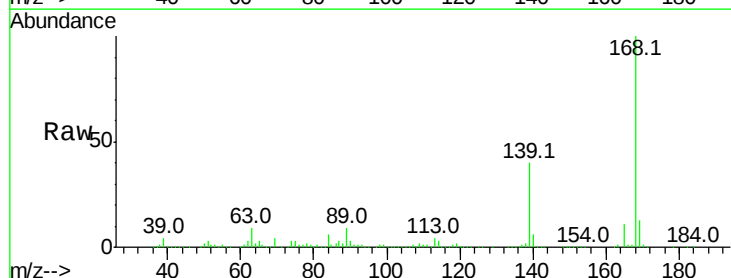
Instrument :
BNA_F
ClientSampleId :

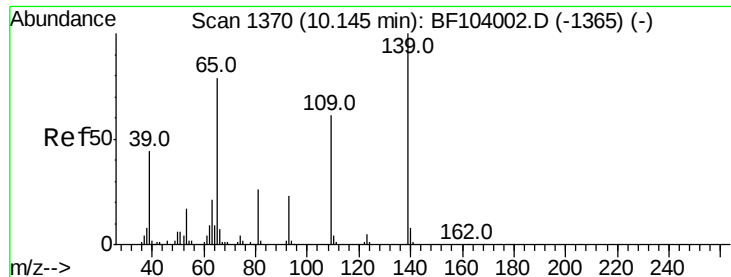
Tot Ion:184 Resp: 121425
Ion Ratio Lower Upper
184 100
63 56.5 54.2 81.2
154 84.8 184.0 276.0#



#54
Dibenzofuran
Concen: 45.379 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:168 Resp: 905690
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 12.9 10.9 16.3

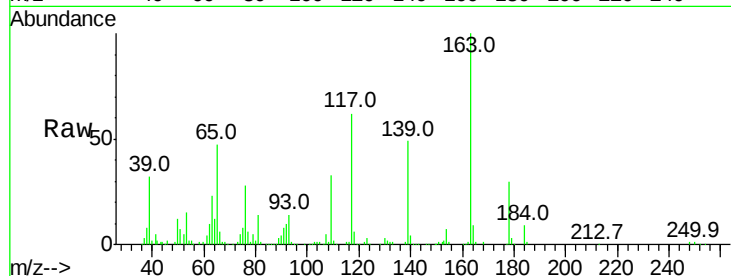




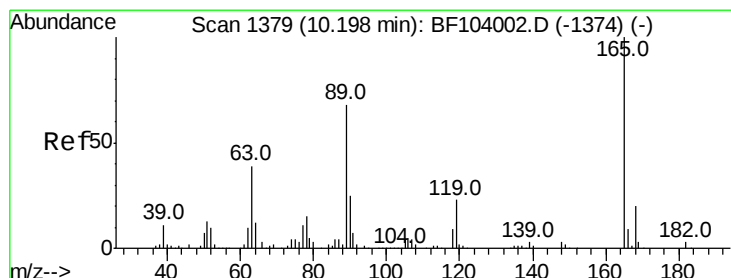
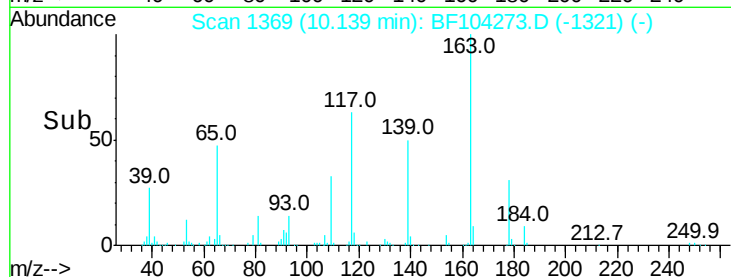
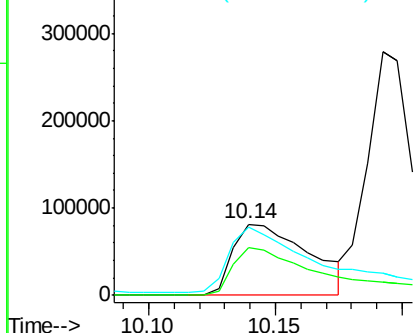
#55
4-Nitrophenol
Concen: 62.982 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 169856
Ion Ratio Lower Upper
139 100
109 66.3 48.4 88.4
65 96.1 72.6 112.6



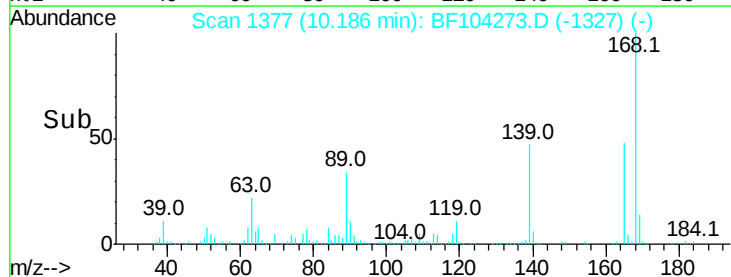
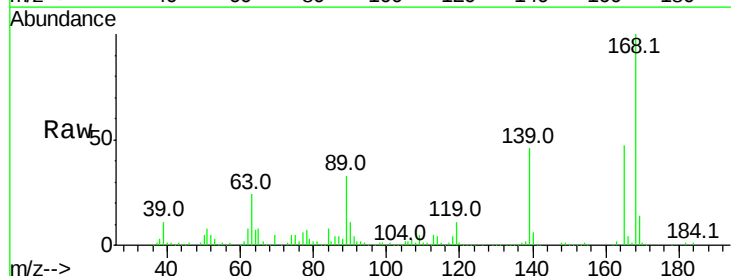
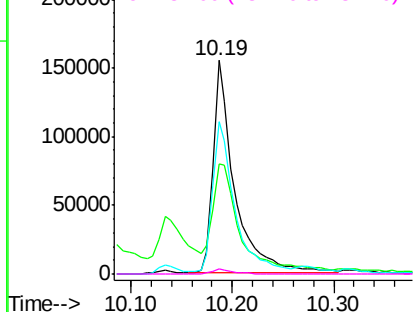
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

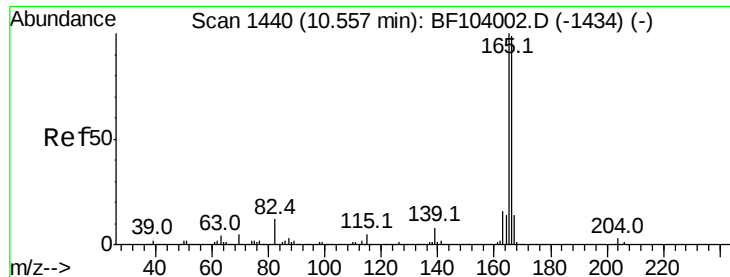


#56
2,4-Dinitrotoluene
Concen: 45.836 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:165 Resp: 228849
Ion Ratio Lower Upper
165 100
63 51.9 36.4 54.6
89 71.2 57.8 86.6
182 2.2 1.6 2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

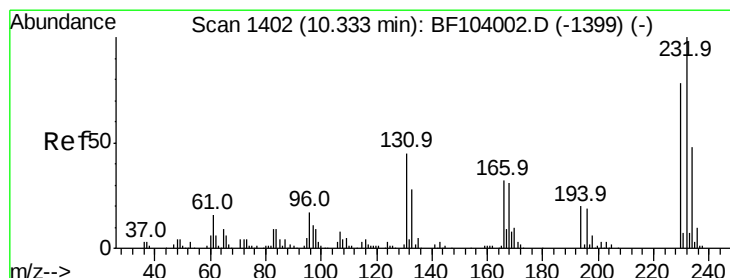
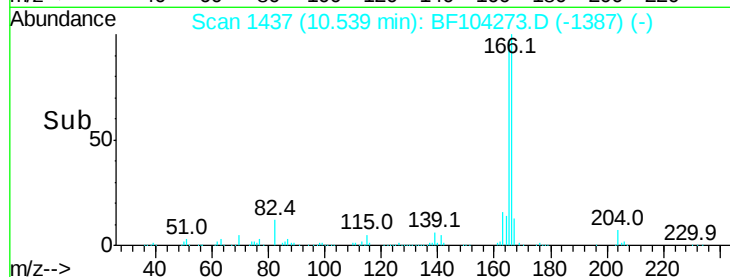
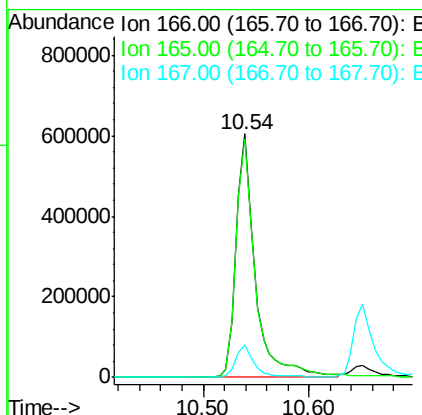
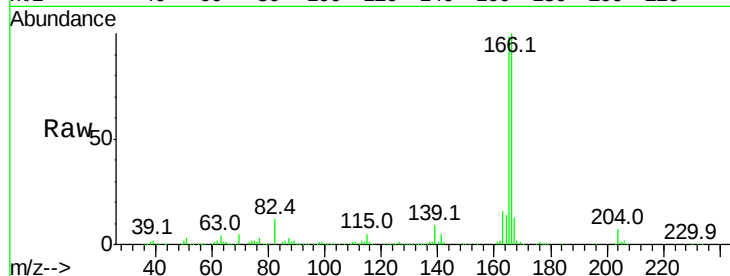




#57
 Fluorene
 Concen: 45.645 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

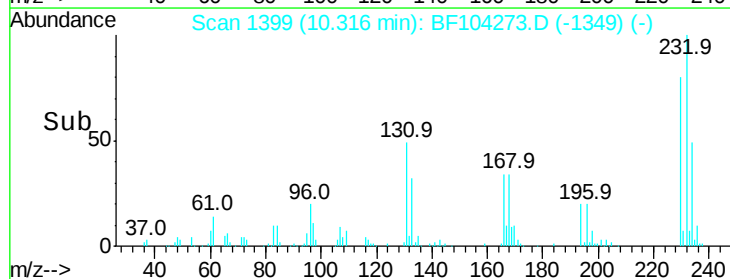
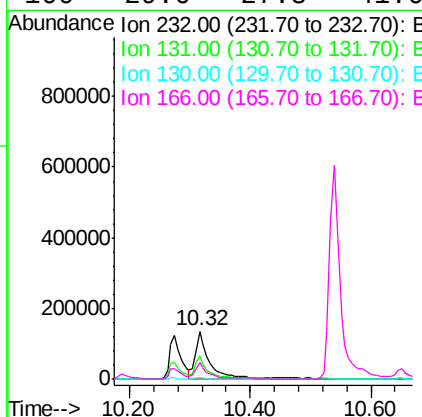
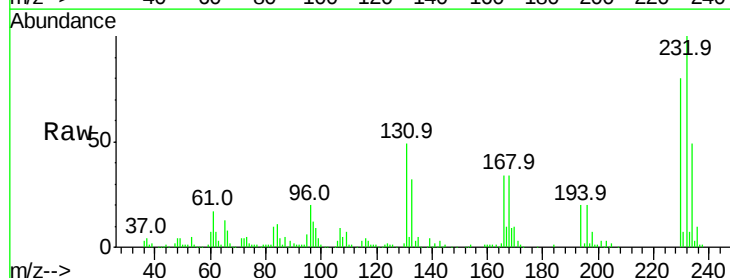
Instrument :
 BNA_F
 ClientSampleId :

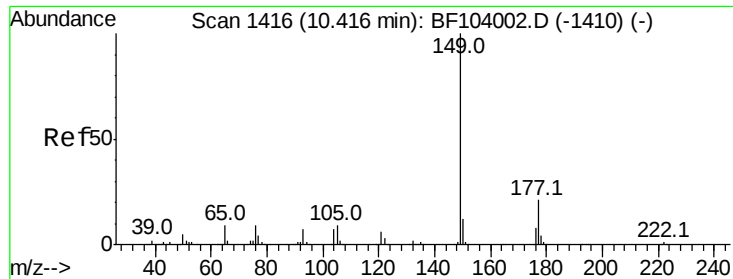
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.099 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.4	43.8	65.8#
130	2.0	2.1	3.1#
166	29.6	27.8	41.6

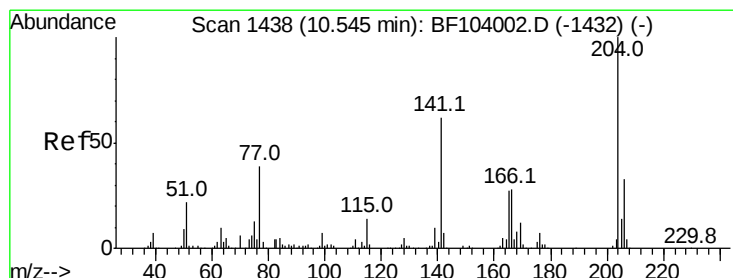
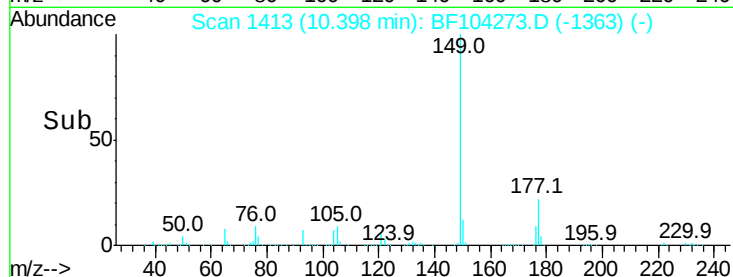
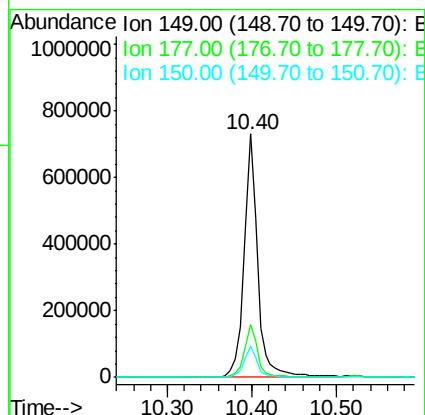
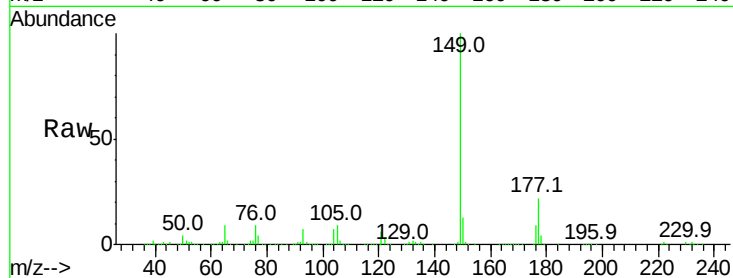




#59
Diethylphthalate
Concen: 46.156 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

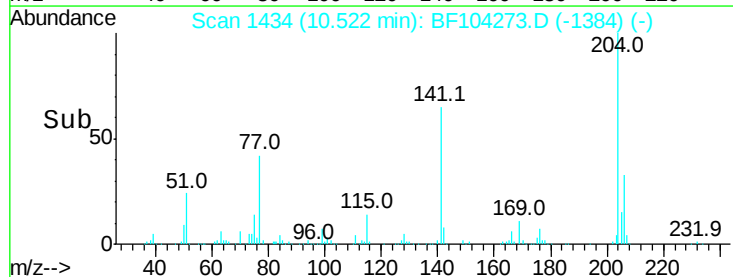
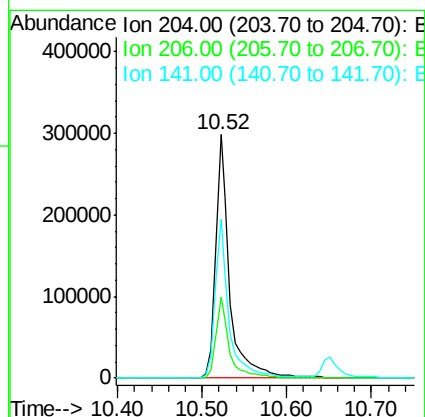
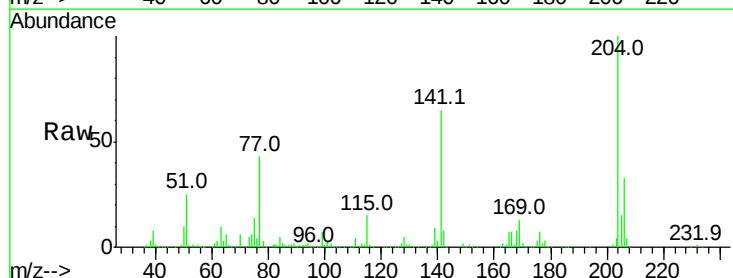
Instrument :
BNA_F
ClientSampled :

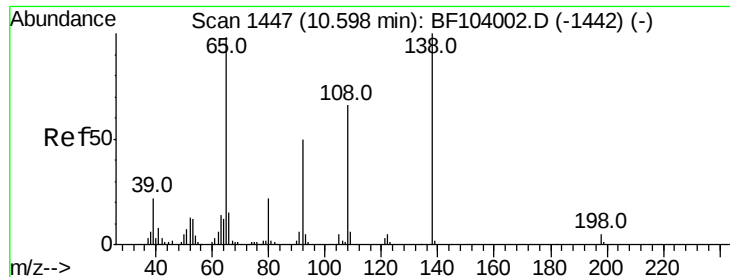
Tot Ion:149 Resp: 804163
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.128 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:204 Resp: 356354
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.4 54.6 81.8

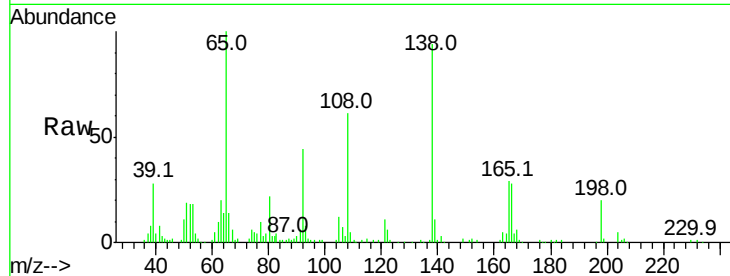




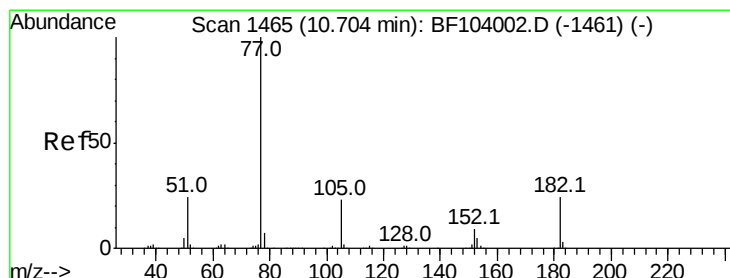
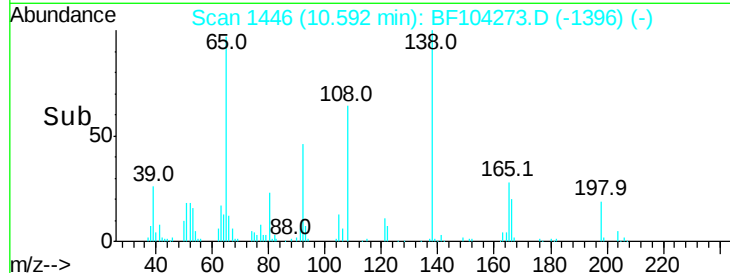
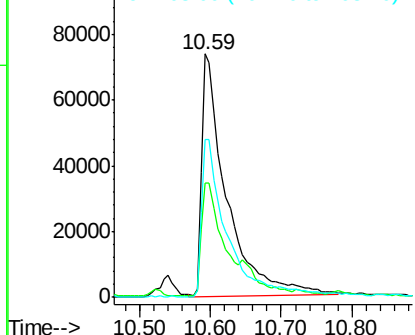
#61
4-Nitroaniline
Concen: 42.909 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 180586
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 65.1 52.5 92.5

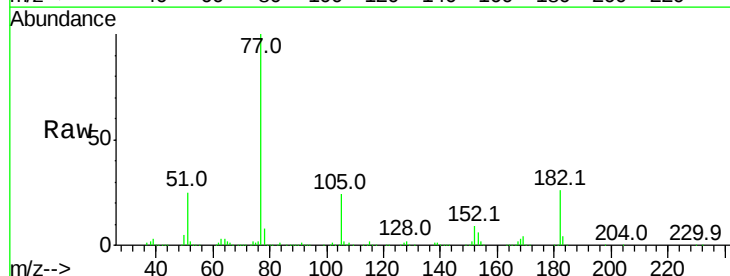


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

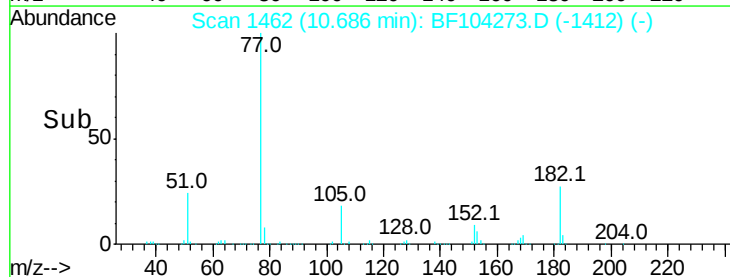
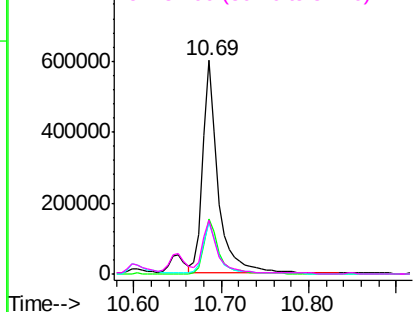


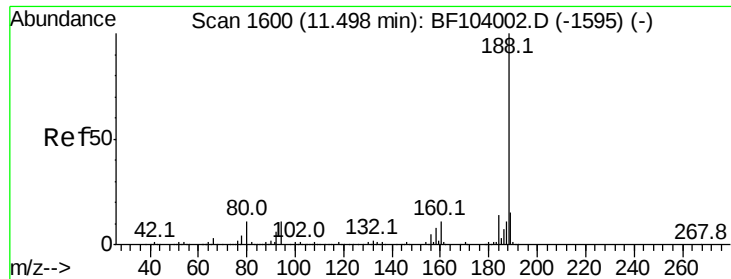
#62
Azobenzene
Concen: 46.246 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion: 77 Resp: 728569
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.2 3.0 43.0
51 25.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

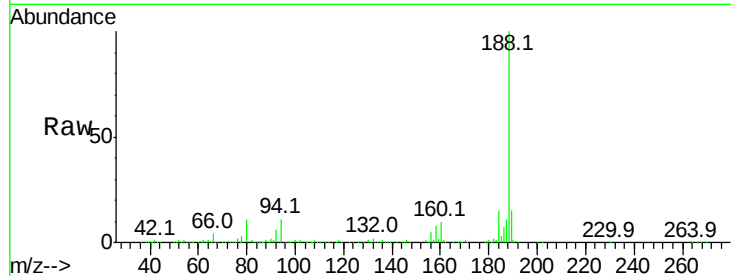




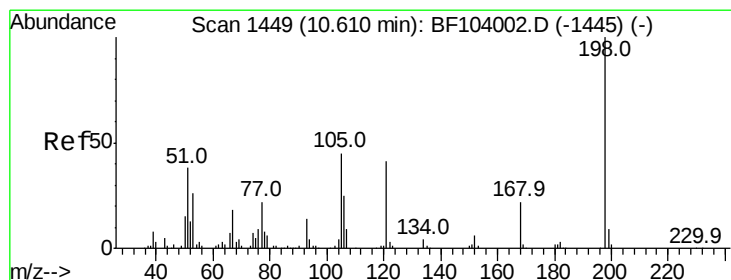
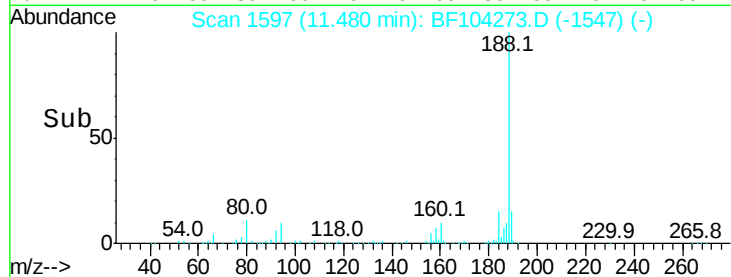
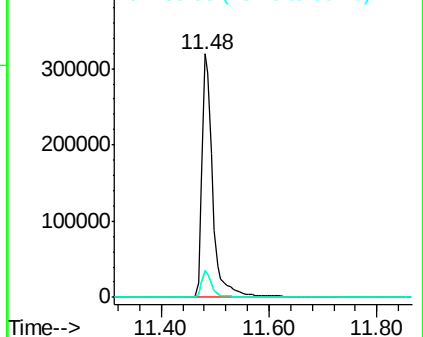
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 441246
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8

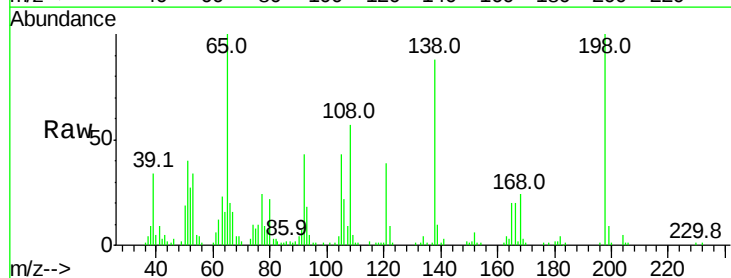


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

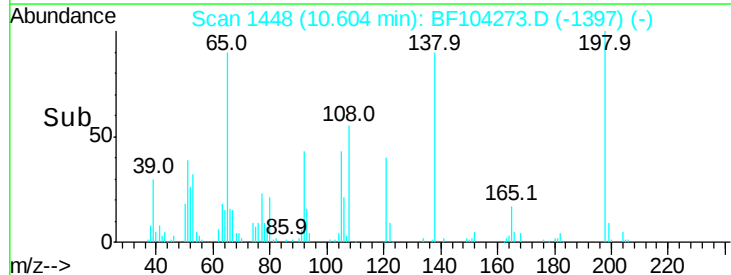
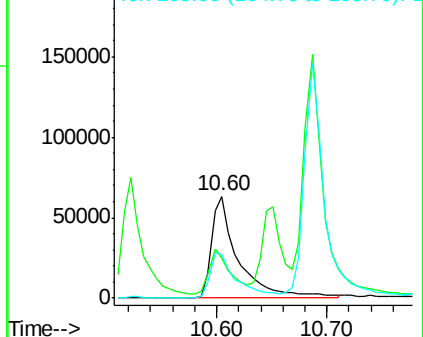


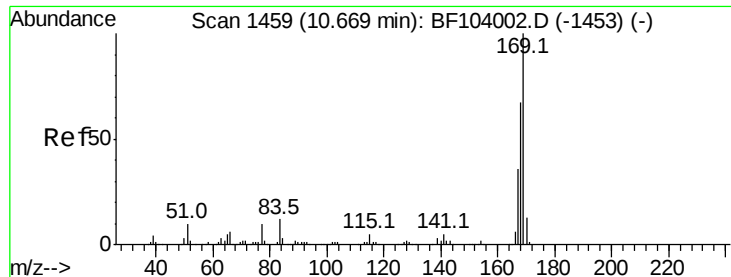
#64
4,6-Dinitro-2-methylphenol
Concen: 39.219 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:198 Resp: 104752
Ion Ratio Lower Upper
198 100
51 40.1 37.7 77.7
105 43.0 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: 44.882 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

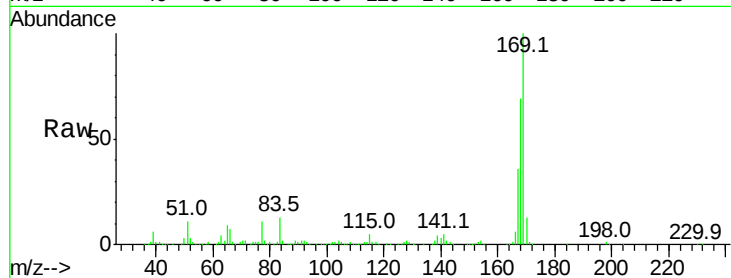
Tot Ion:169 Resp: 670692

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

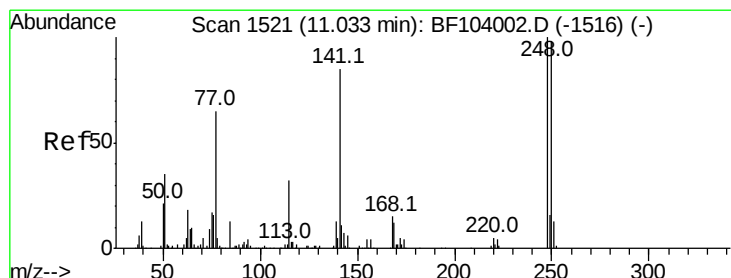
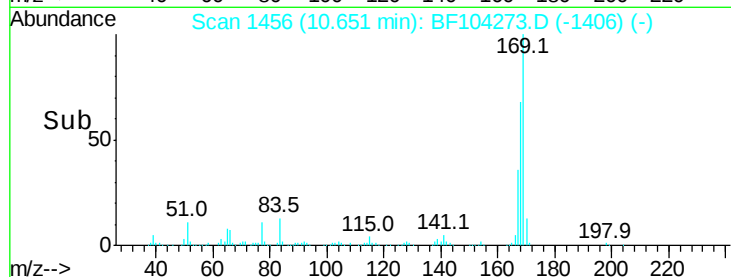
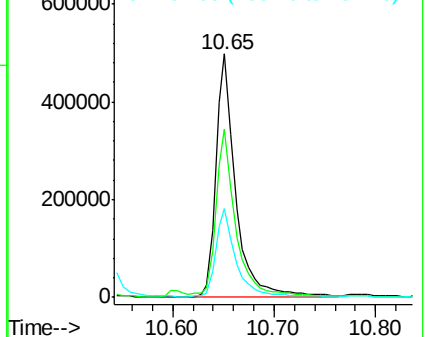
167 36.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.439 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

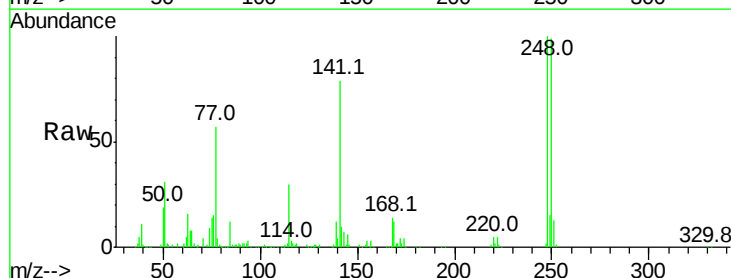
Tgt Ion:248 Resp: 223945

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

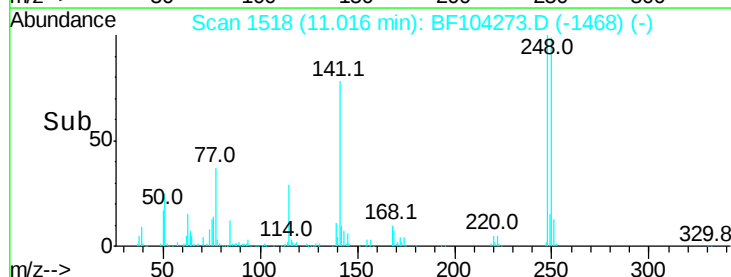
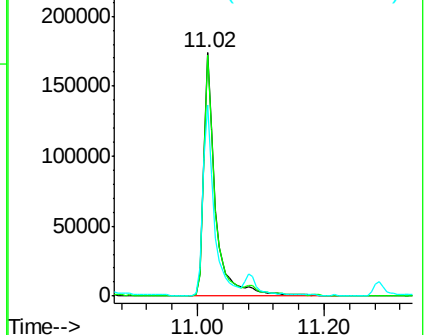
141 78.5 74.4 111.6

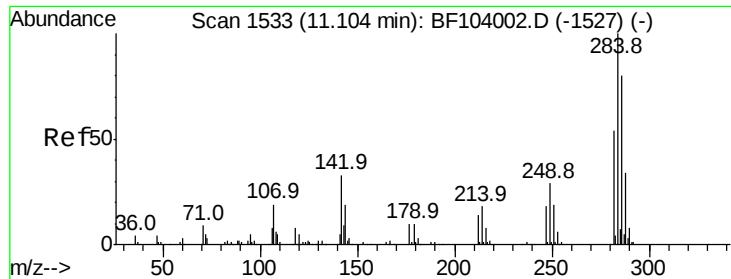


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

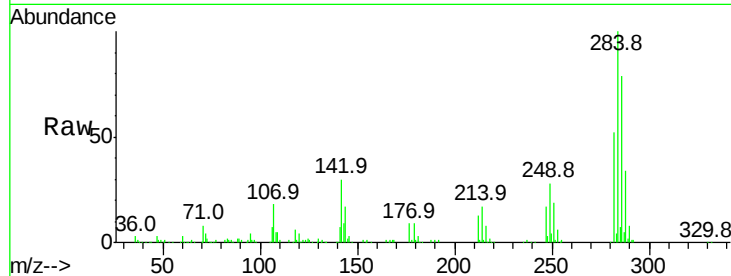




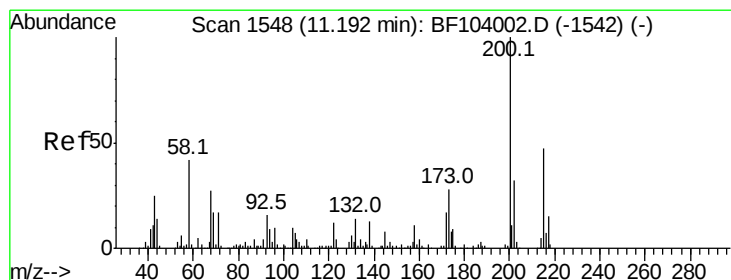
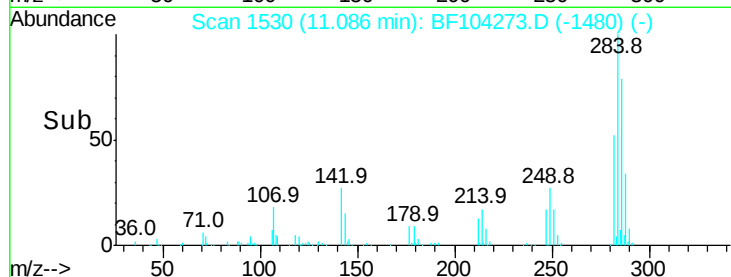
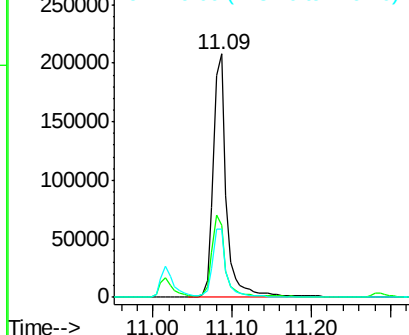
#67
Hexachlorobenzene
Concen: 44.619 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	34.6	52.0#
249	28.2	24.8	37.2

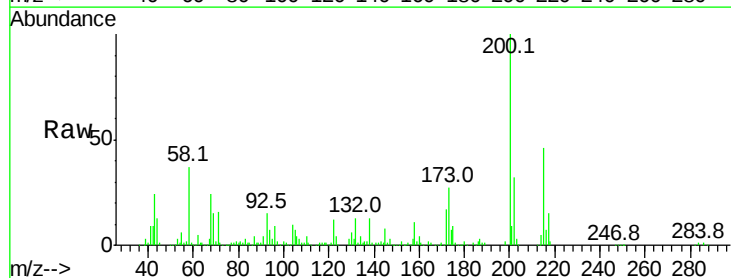


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

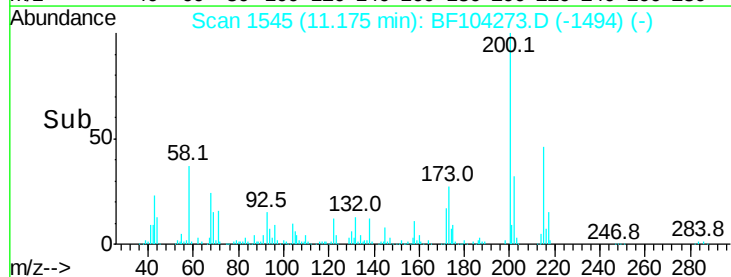
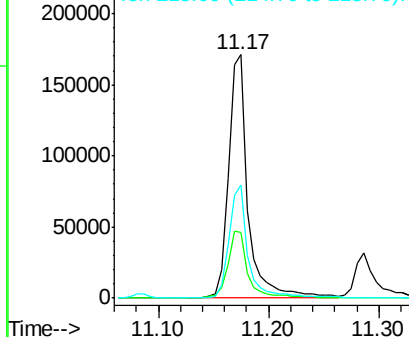


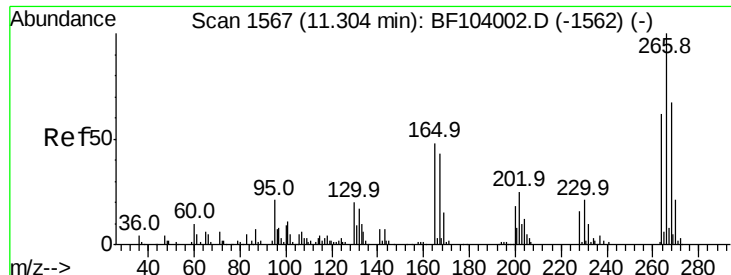
#68
Atrazine
Concen: 46.299 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	46.4	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

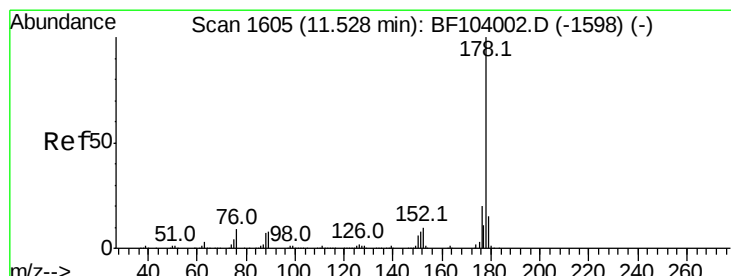
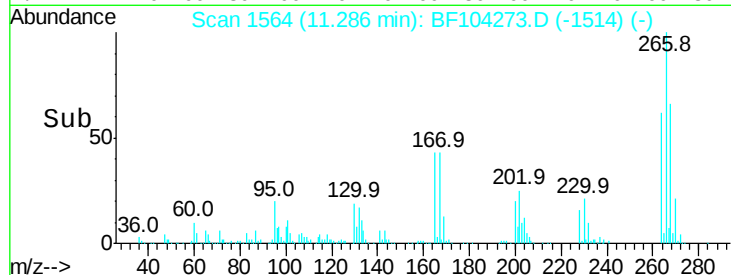
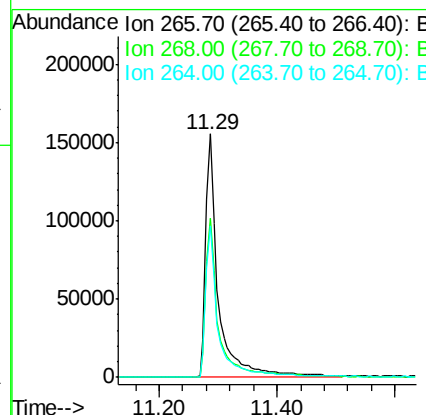
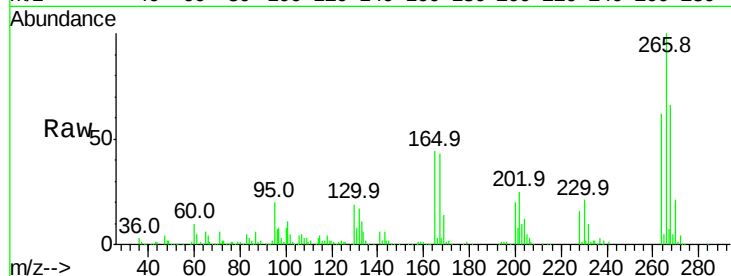




#69
 Pentachlorophenol
 Concen: 78.264 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

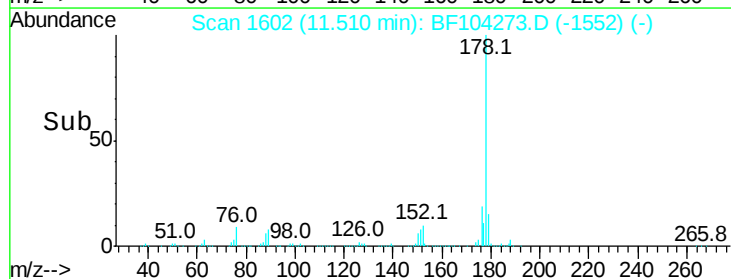
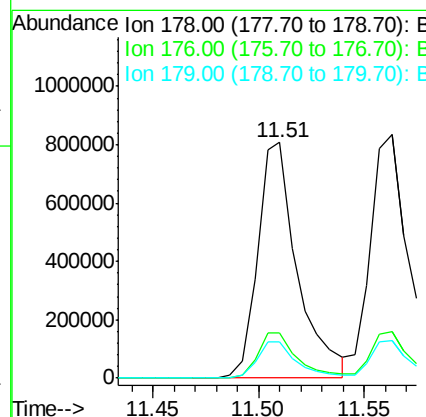
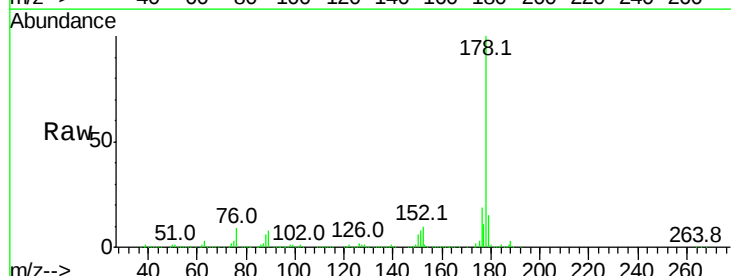
Instrument :
 BNA_F
 ClientSampleId :

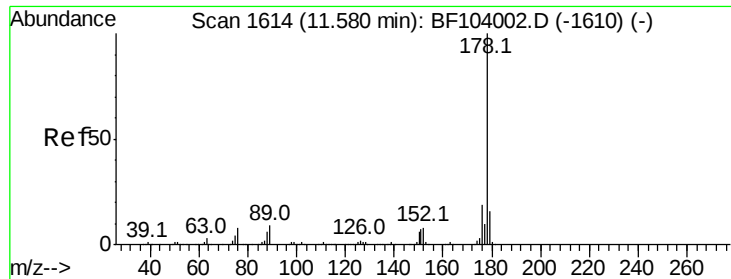
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	62.0	49.5	74.3



#70
 Phenanthrene
 Concen: 44.231 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

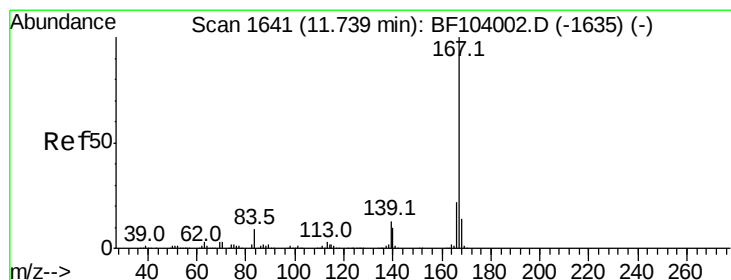
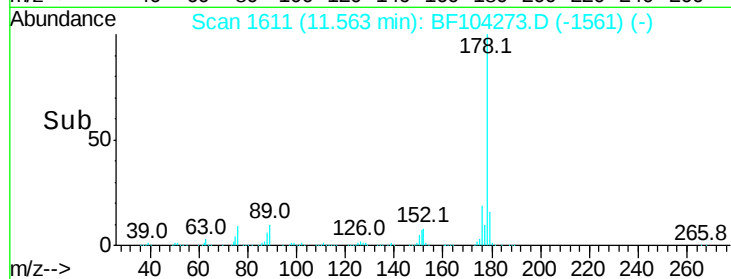
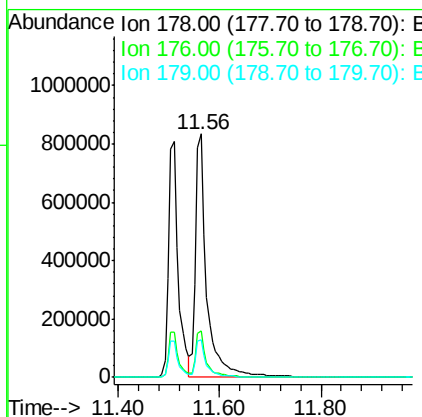
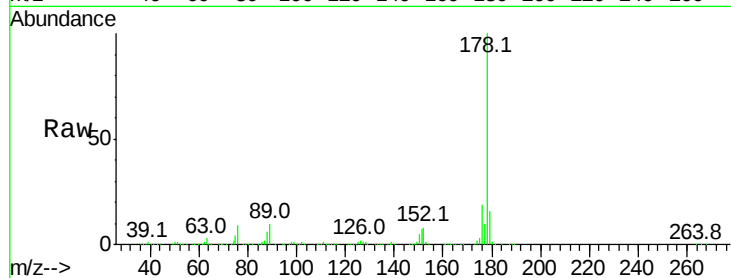




#71
 Anthracene
 Concen: 51.002 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

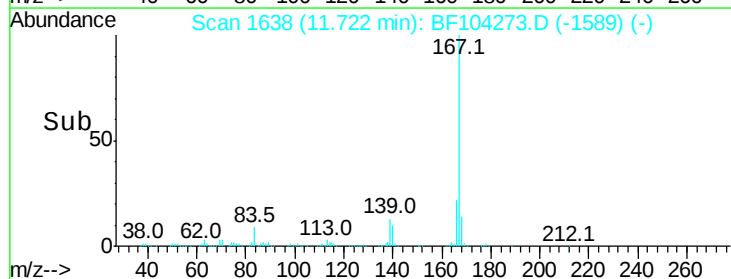
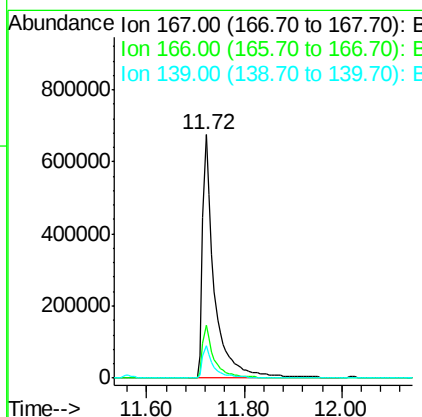
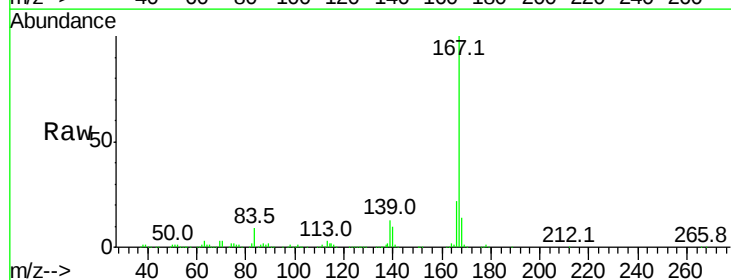
Instrument :
 BNA_F
 ClientSampleId :

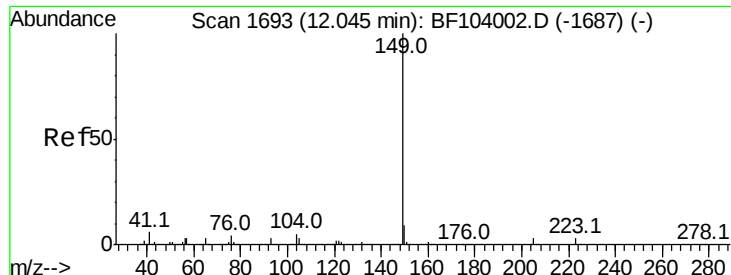
Tot Ion:178 Resp: 1272685
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 47.230 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:167 Resp: 1124843
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.1 10.9 16.3

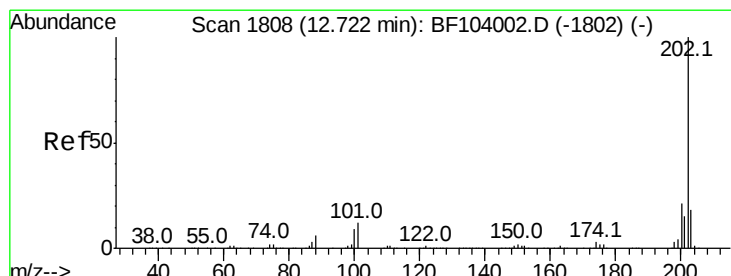
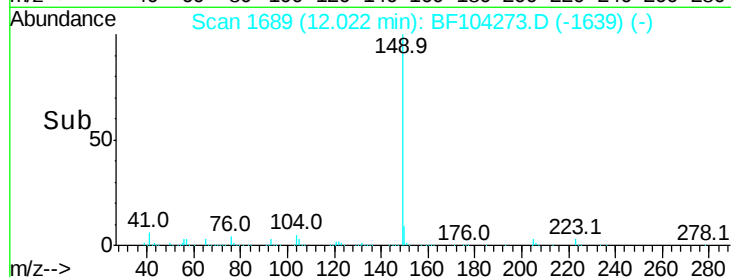
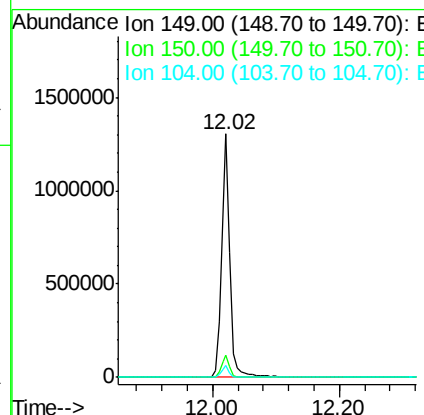
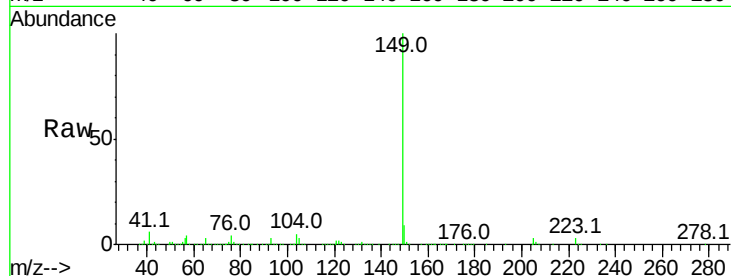




#73
Di-n-butylphthalate
Concen: 44.294 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

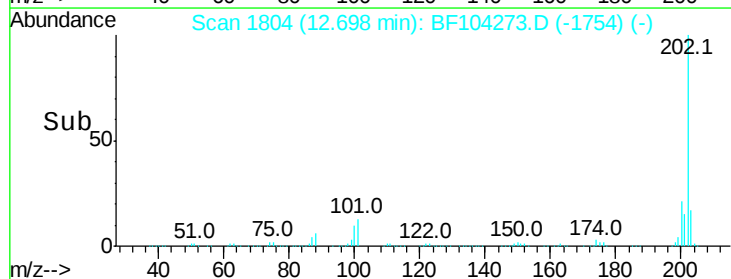
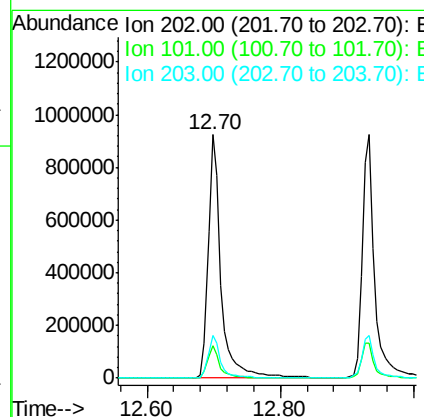
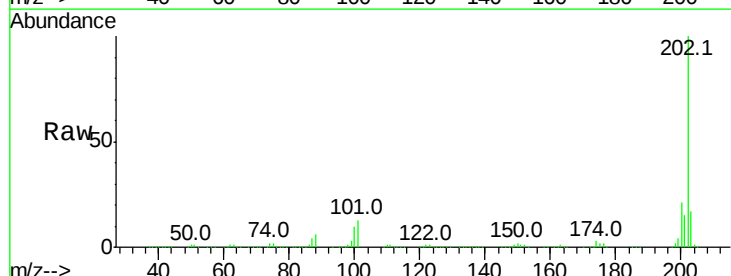
Instrument :
BNA_F
ClientSampleId :

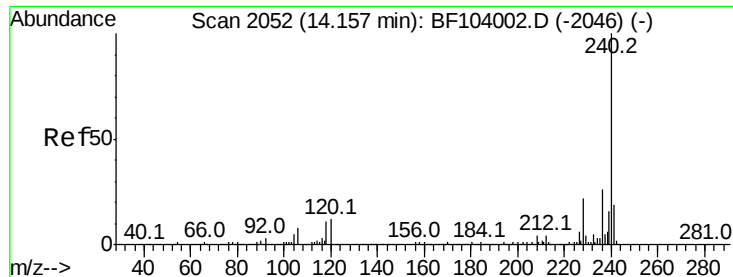
Tot Ion:149 Resp: 1256573
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 47.631 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:202 Resp: 1209512
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

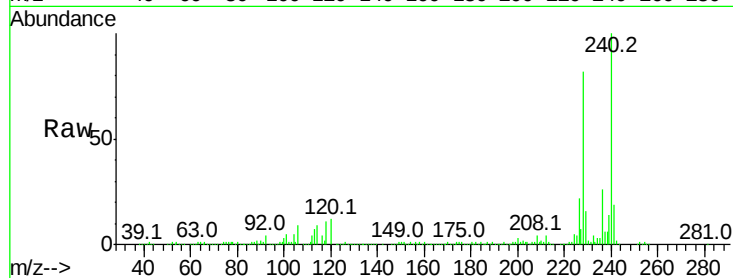
Tot Ion:240 Resp: 361818

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

236 25.6 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

14.14

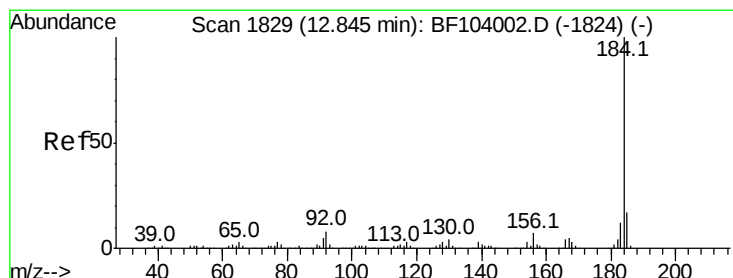
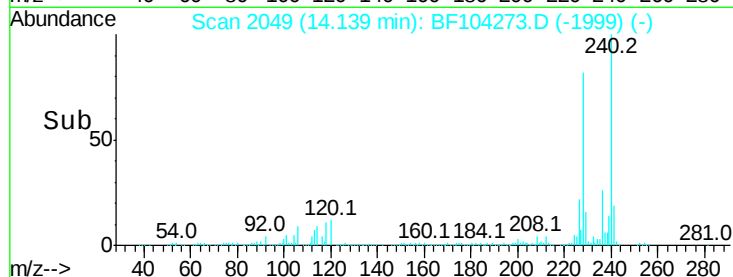
300000

200000

100000

0

Time--> 14.00 14.10 14.20 14.30



#76

Benzidine

Concen: 35.624 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

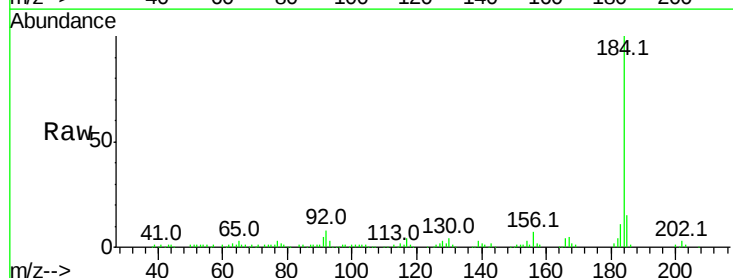
Tgt Ion:184 Resp: 367316

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.4 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

12.83

200000

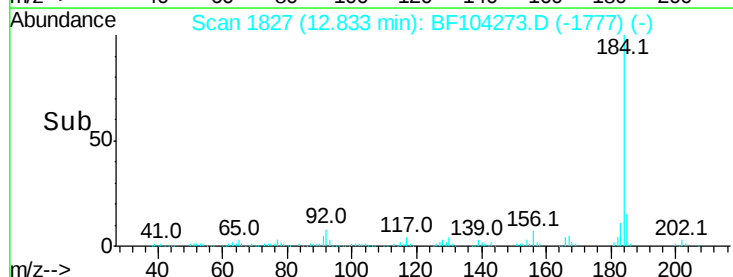
150000

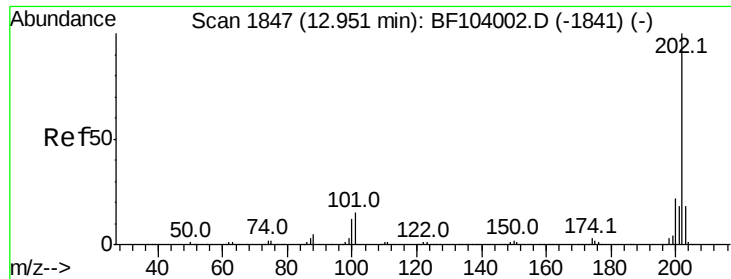
100000

50000

0

Time--> 12.80 13.00

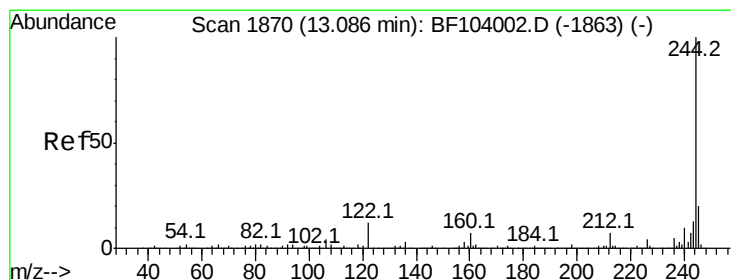
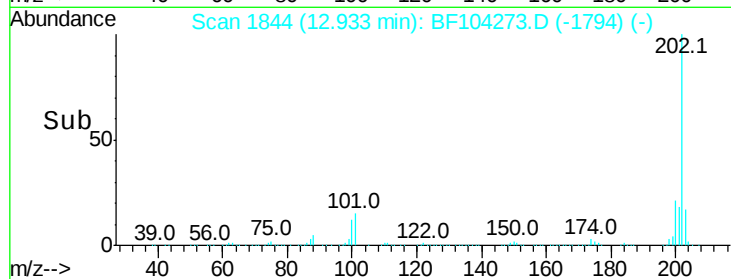
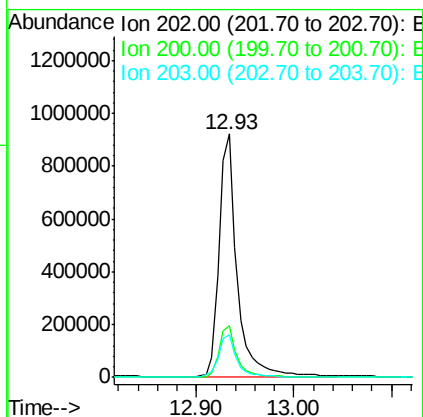
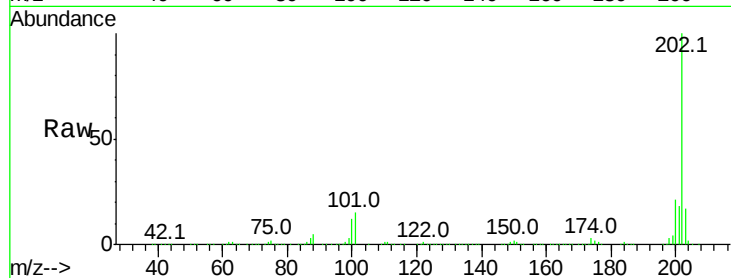




#77
Pvrene
Concen: 45.326 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

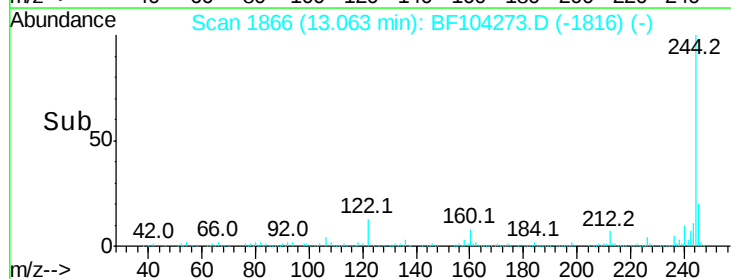
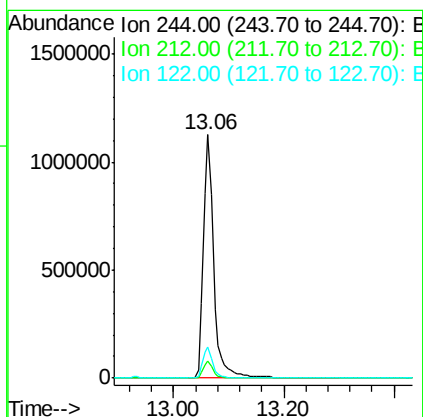
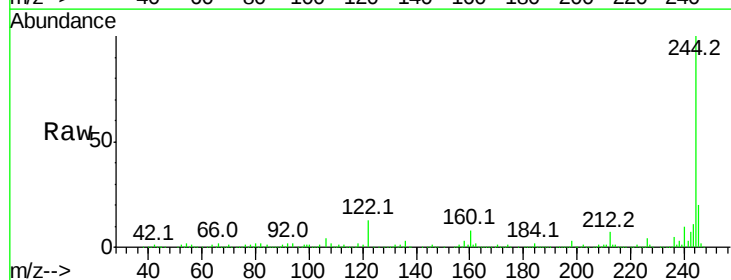
Instrument :
BNA_F
ClientSampleId :

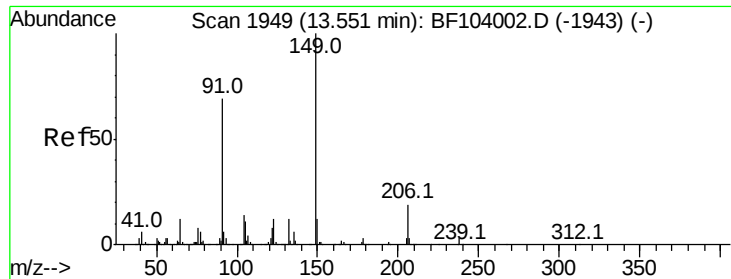
Tot Ion:202 Resp: 1178920
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 92.905 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:244 Resp: 1455838
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.7 11.0 16.4

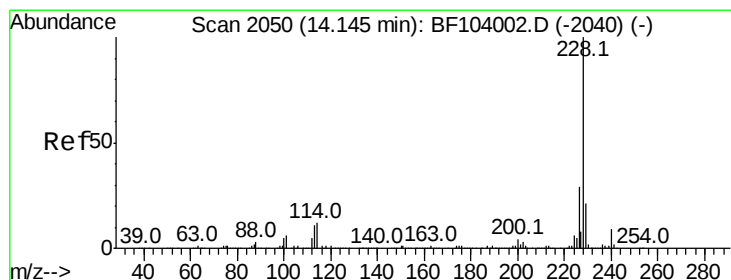
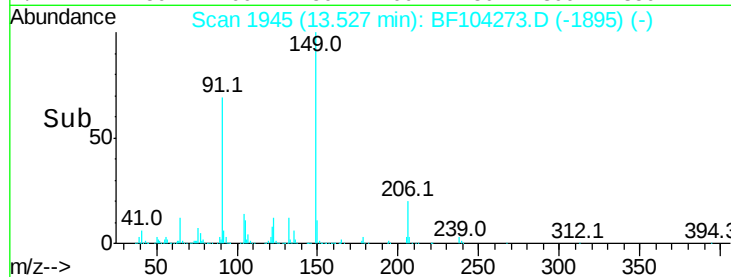
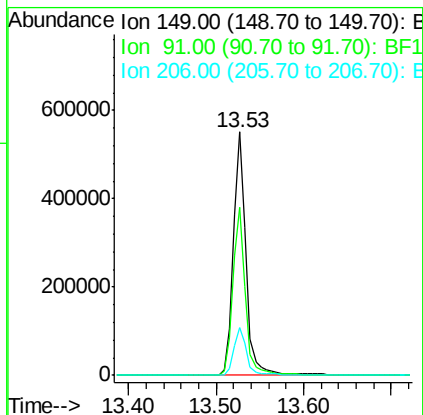
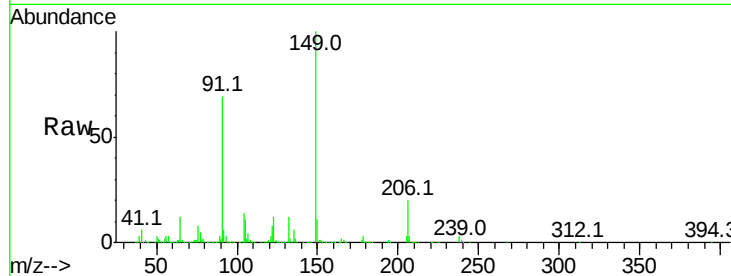




#79
Butylbenzylphthalate
Concen: 45.184 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

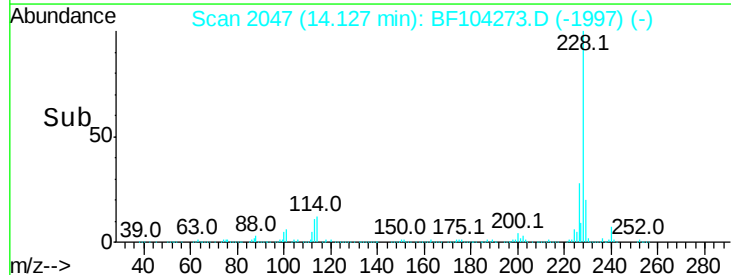
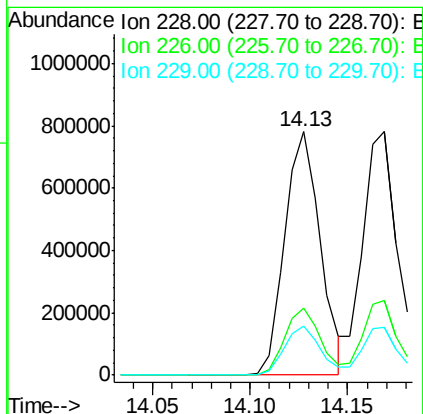
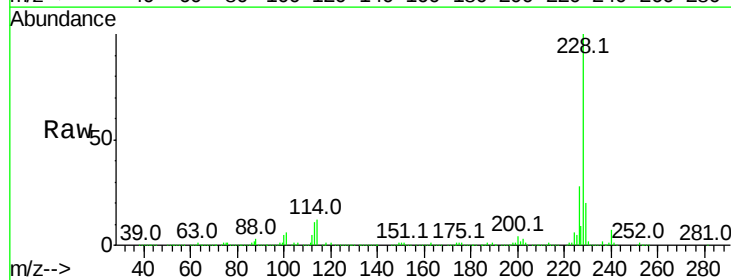
Instrument :
BNA_F
ClientSampleId :

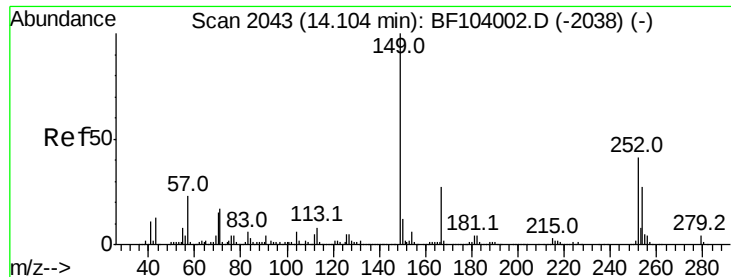
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.432 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6

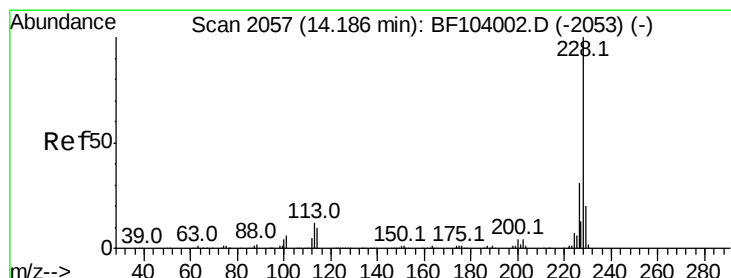
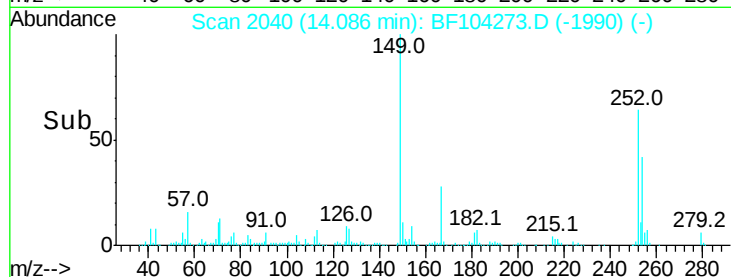
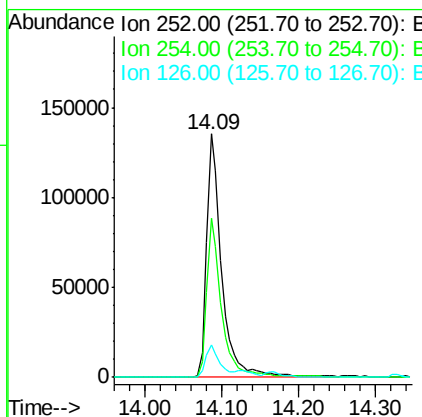
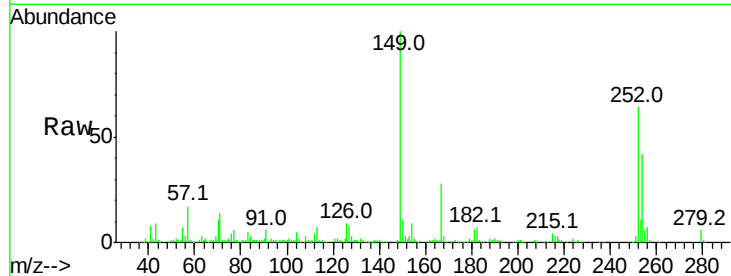




#81
 3,3'-Dichlorobenzidine
 Concen: 24.597 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

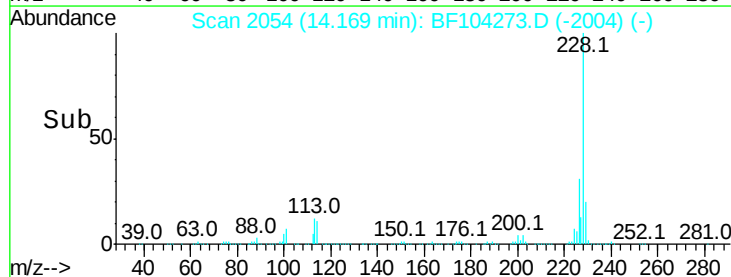
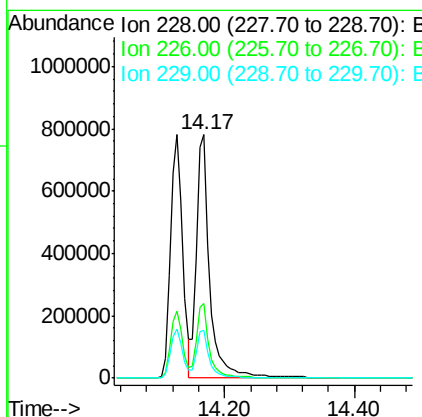
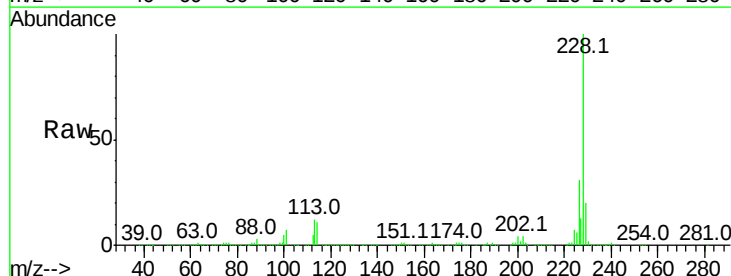
Instrument :
 BNA_F
 ClientSampleId :

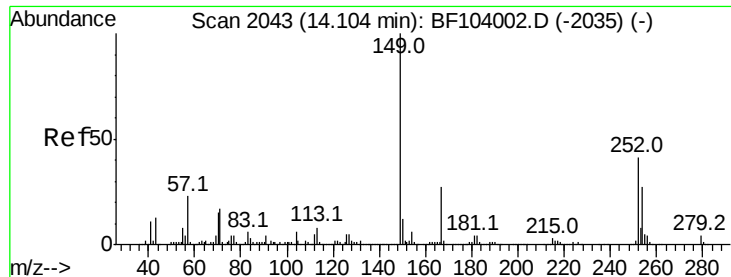
Tot Ion:252 Resp: 184324
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 13.5 11.3 16.9



#82
 Chrysene
 Concen: 49.748 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:228 Resp: 1103140
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.7 16.2 24.4

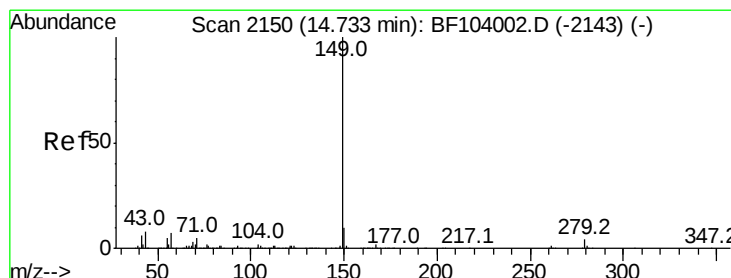
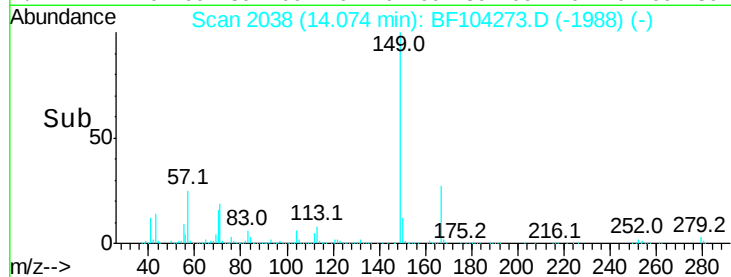
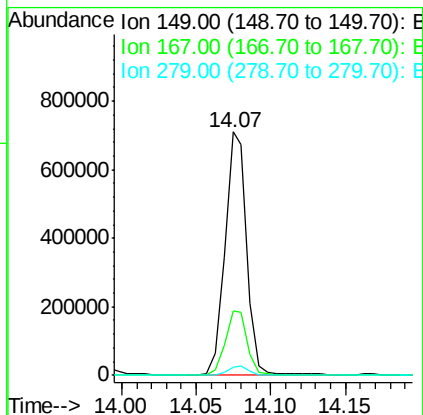
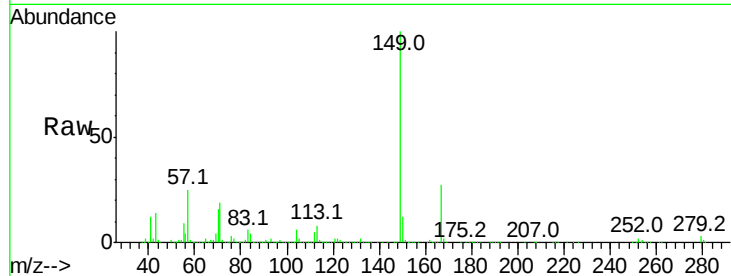




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.016 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

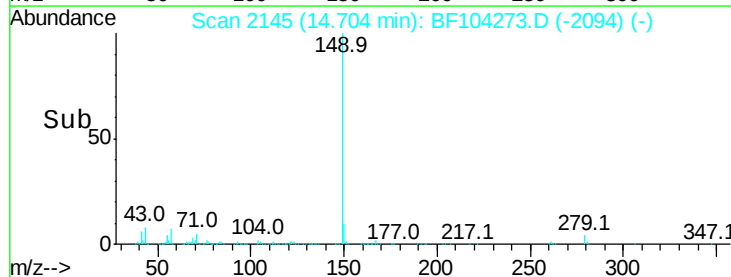
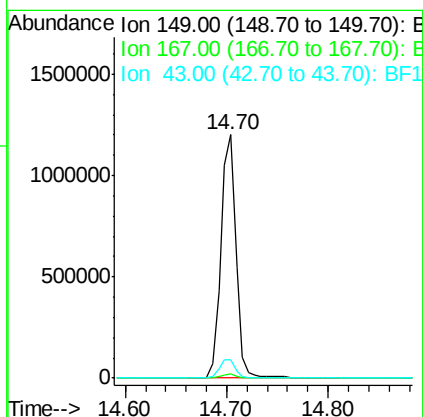
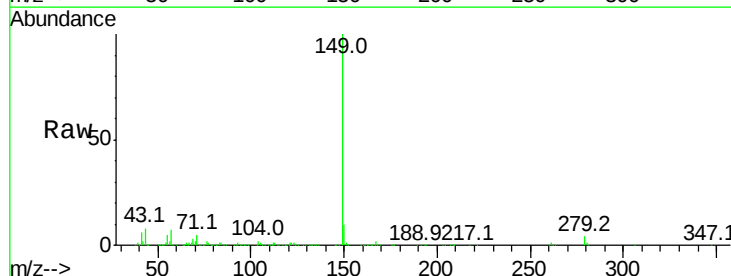
Instrument :
 BNA_F
 ClientSampleId :

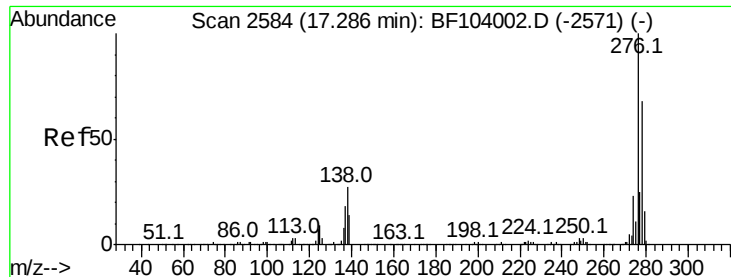
Tot Ion:149 Resp: 728551
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.470 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:149 Resp: 1238370
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.9 8.4 12.6#

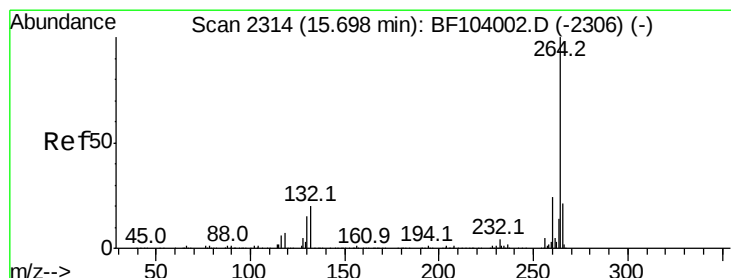
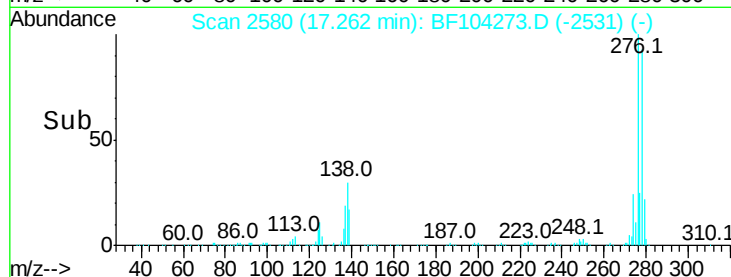
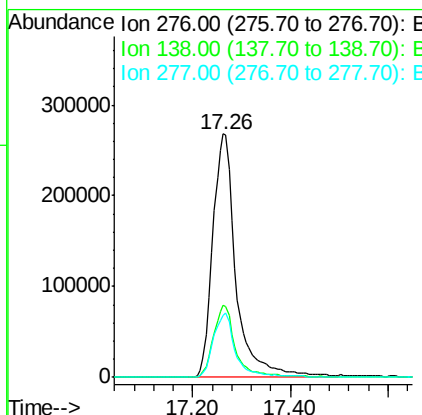
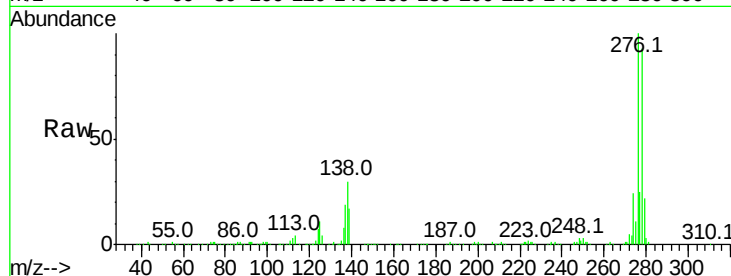




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.779 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

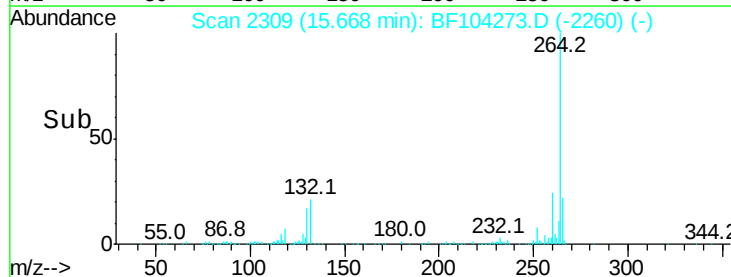
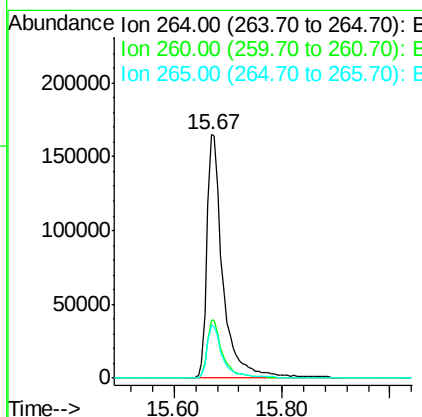
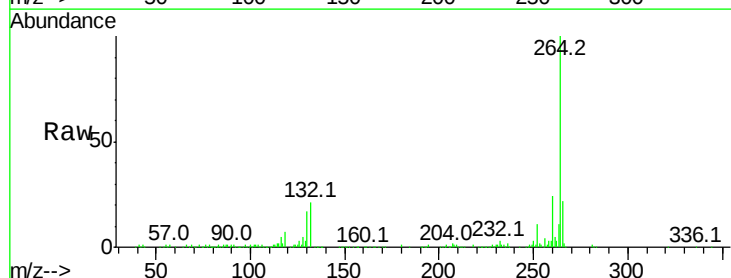
Instrument :
 BNA_F
 ClientSampleId :

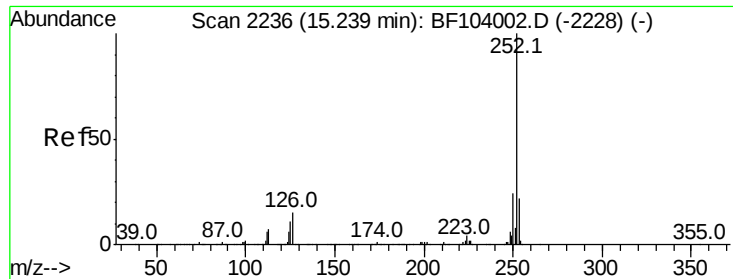
Tot Ion:276 Resp: 891071
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104273.D
 Acq: 5 Apr 2018 17:03

Tgt Ion:264 Resp: 340185
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.0 17.5 26.3

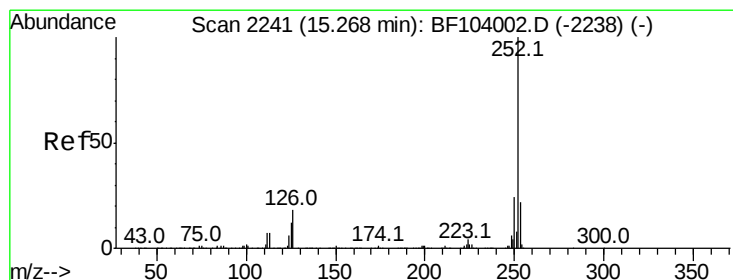
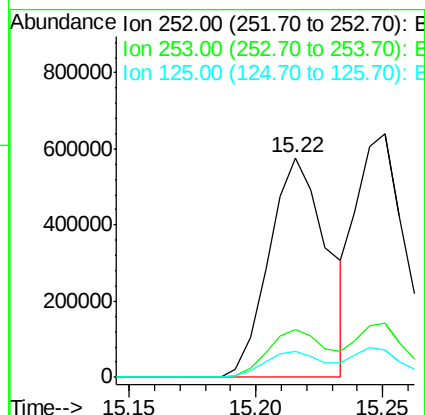
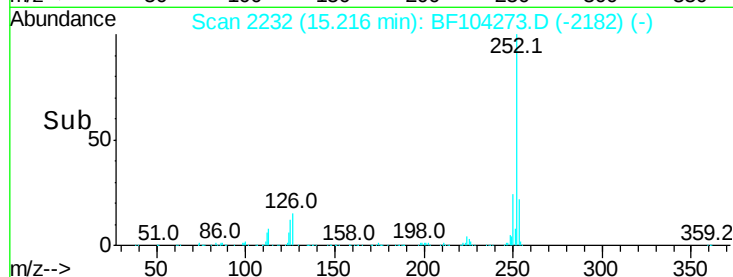
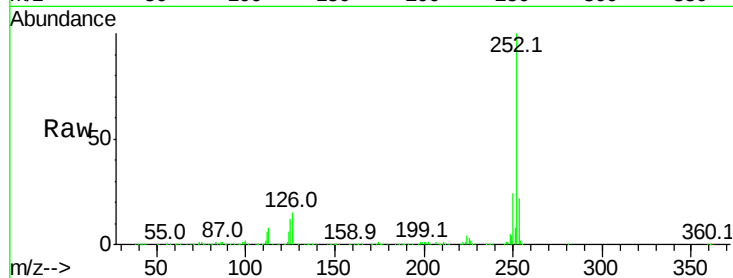




#87
Benzo(b)fluoranthene
Concen: 44.398 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

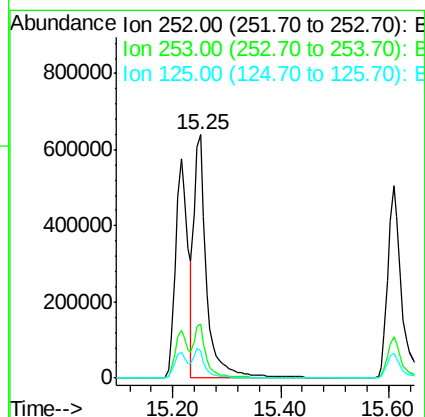
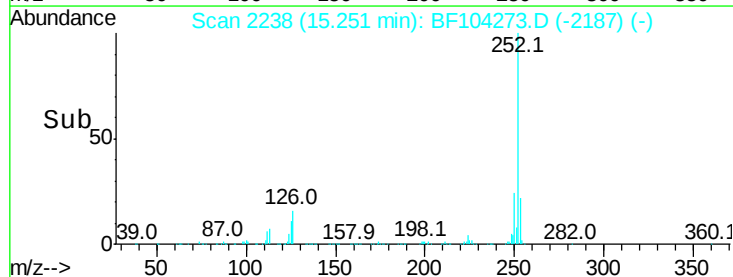
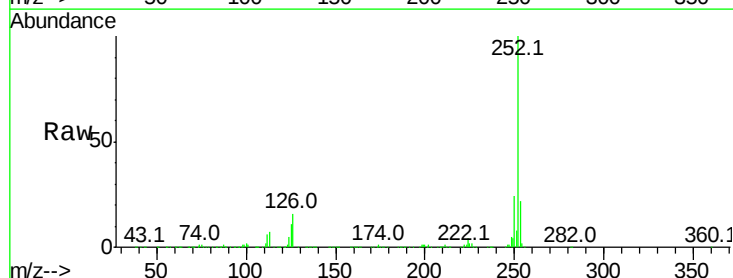
Instrument :
BNA_F
ClientSampleId :

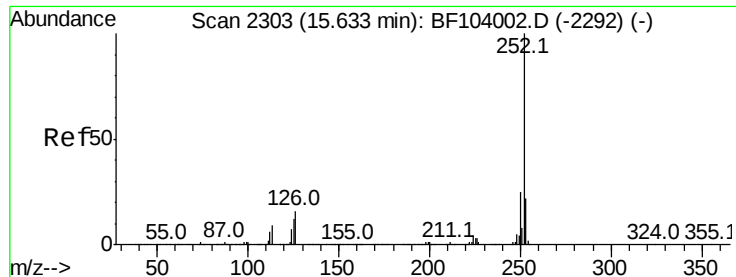
Tot Ion:252 Resp: 919191
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 52.397 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:252 Resp: 1021890
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.4 10.2 15.2

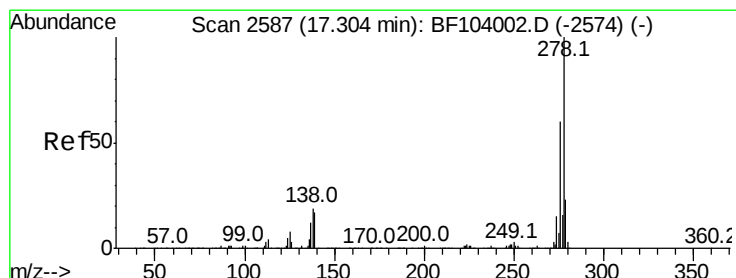
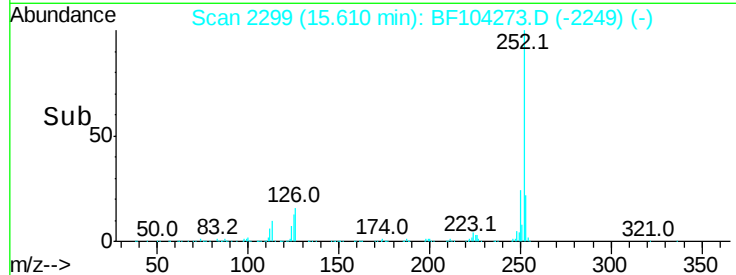
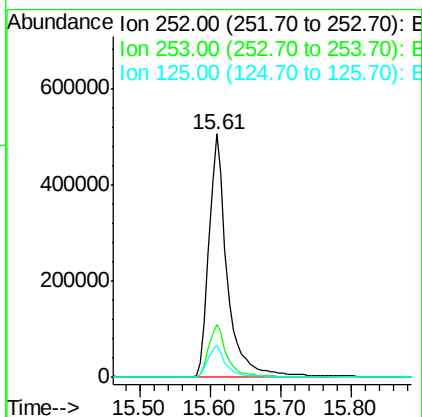
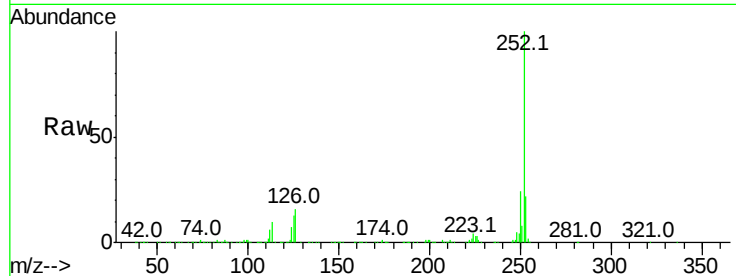




#89
Benzo(a)pyrene
Concen: 47.330 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

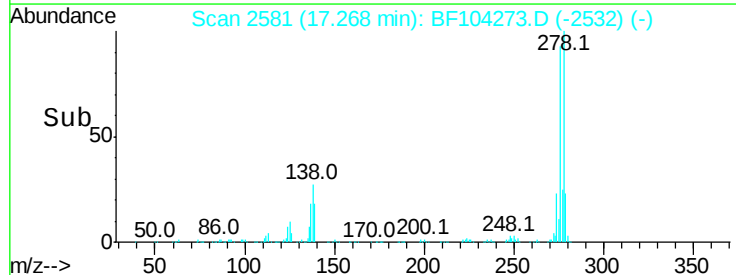
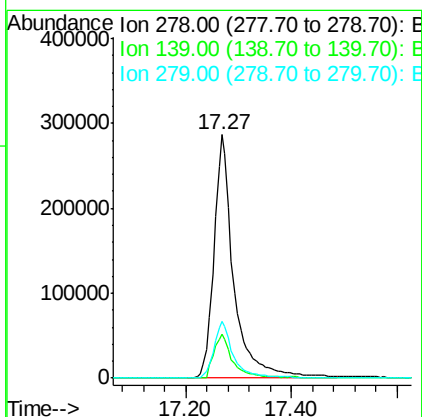
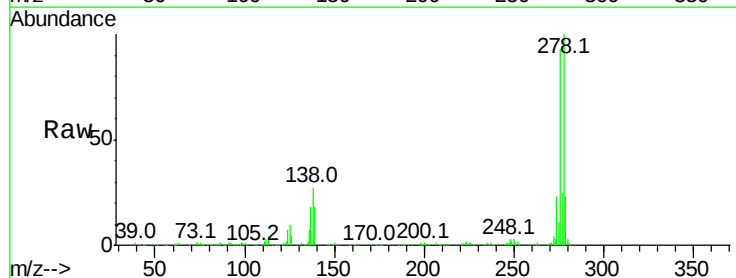
Instrument :
BNA_F
ClientSampleId :

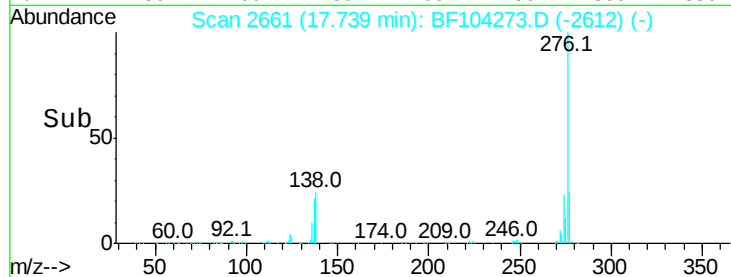
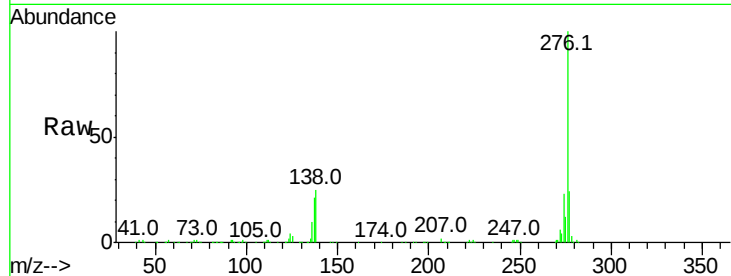
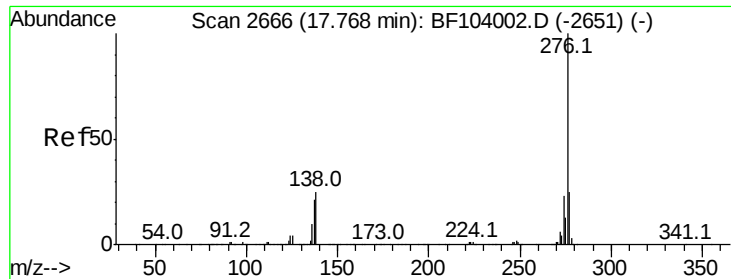
Tot Ion:252 Resp: 908059
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.349 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF104273.D
Acq: 5 Apr 2018 17:03

Tgt Ion:278 Resp: 751205
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.097 ng

RT: 17.74 min Scan# 2661

Delta R.T. -0.01 min

Lab File: BF104273.D

Acq: 5 Apr 2018 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 712413

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 24.5 21.8 32.8

