

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104144.D
 Acq On : 2 Apr 2018 19:11
 Operator : JU/SJ
 Sample : J2099-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 01:07:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117236	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488825	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	229034	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	382463	20.00	ng	0.00
75) Chrysene-d12	14.15	240	238662	20.00	ng	0.00
86) Perylene-d12	15.69	264	258080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	734884	99.97	ng	0.01
7) Phenol-d6	6.60	99	910060	100.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	566923	70.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	245618	96.31	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089318	75.00	ng	0.00
78) Terphenyl-d14	13.08	244	848916	82.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	87169	27.493	ng	# 87
3) Pyridine	3.65	79	200344	24.960	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	51157	21.442	ng	# 87
6) Aniline	6.63	93	175598	16.218	ng	# 66
8) 2-Chlorophenol	6.75	128	298977	37.075	ng	# 96
9) Benzaldehyde	6.52	77	82528	14.341	ng	# 98
10) Phenol	6.62	94	359710	35.895	ng	# 97
11) bis(2-Chloroethyl)ether	6.69	93	233150	26.999	ng	# 93
12) 1,3-Dichlorobenzene	6.90	146	293749	32.406	ng	# 99
13) 1,4-Dichlorobenzene	6.97	146	330439	34.021	ng	# 100
14) 1,2-Dichlorobenzene	7.13	146	295706	33.872	ng	# 100
15) Benzyl Alcohol	7.10	79	205472	34.941	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317678	33.767	ng	# 54
17) 2-Methylphenol	7.22	107	224317	34.177	ng	# 87
18) Hexachloroethane	7.46	117	104481	32.128	ng	# 98
19) n-Nitroso-di-n-propylamine	7.37	70	190294	35.453	ng	# 91
20) 3+4-Methylphenols	7.37	107	284378	33.950	ng	# 57
22) Acetophenone	7.37	105	407953	34.493	ng	# 96
24) Nitrobenzene	7.55	77	270307	32.141	ng	# 99
25) Isophorone	7.77	82	528228	35.859	ng	# 99
26) 2-Nitrophenol	7.86	139	156589	35.669	ng	# 91
27) 2,4-Dimethylphenol	7.89	122	269529	42.571	ng	# 99
28) bis(2-Chloroethoxy)methane	7.98	93	337486	36.555	ng	# 98
29) 2,4-Dichlorophenol	8.10	162	241183	36.471	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	256519	34.188	ng	# 99
31) Naphthalene	8.26	128	863236	36.148	ng	# 100
32) Benzoic acid	7.89	122	269529	58.112	ng	# 14
33) 4-Chloroaniline	8.33	127	109912	10.917	ng	# 97
34) Hexachlorobutadiene	8.37	225	136334	33.390	ng	# 99
35) Caprolactam	8.69	113	47307	22.561	ng	# 71
36) 4-Chloro-3-methylphenol	8.80	107	258707	36.986	ng	# 97
37) 2-Methylnaphthalene	8.96	142	552901	35.149	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	249931	35.585	ng	# 98
40) Hexachlorocyclopentadiene	9.10	237	34629	15.156	ng	# 95

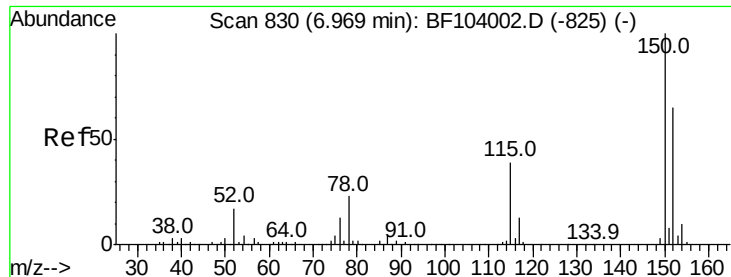
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104144.D
 Acq On : 2 Apr 2018 19:11
 Operator : JU/SJ
 Sample : J2099-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 01:07:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	151668	34.103	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	178091	33.165	nq	96
45) 1,1'-Biphenyl	9.42	154	687029	34.950	nq	99
46) 2-Chloronaphthalene	9.45	162	527180	33.999	nq	98
47) 2-Nitroaniline	9.55	65	149232	33.752	nq	97
48) Acenaphthylene	9.86	152	775617	33.018	nq	100
49) Dimethylphthalate	9.72	163	709934	39.260	nq	100
50) 2,6-Dinitrotoluene	9.79	165	132319	34.012	nq	98
51) Acenaphthene	10.03	154	436171	32.097	nq	100
52) 3-Nitroaniline	9.97	138	87826	19.638	nq	99
53) 2,4-Dinitrophenol	10.08	184	23413	18.397	nq #	53
54) Dibenzofuran	10.21	168	679687	34.251	nq	97
55) 4-Nitrophenol	10.14	139	146596	54.669	nq	96
56) 2,4-Dinitrotoluene	10.20	165	165875	33.414	nq	96
57) Fluorene	10.55	166	548848	33.529	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	150324	37.365	nq #	83
59) Diethylphthalate	10.42	149	585839	33.818	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	263937	35.106	nq	96
61) 4-Nitroaniline	10.59	138	107153	25.607	nq	94
62) Azobenzene	10.70	77	524802	33.503	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	41897	18.097	nq	86
65) n-Nitrosodiphenylamine	10.66	169	489357	37.780	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	150080	36.678	nq #	90
67) Hexachlorobenzene	11.10	284	161350	34.280	nq	96
68) Atrazine	11.19	200	148999	37.549	nq	98
69) Pentachlorophenol	11.30	266	141546	54.650	nq	98
70) Phenanthrene	11.52	178	690962	33.369	nq	98
71) Anthracene	11.57	178	780372	36.080	nq	99
72) Carbazole	11.73	167	669279	32.421	nq	99
73) Di-n-butylphthalate	12.04	149	876436	35.643	nq	99
74) Fluoranthene	12.72	202	625561	28.421	nq	97
76) Benzidine	12.84	184	306373	45.046	nq	98
77) Pyrene	12.94	202	601696	35.071	nq	98
79) Butylbenzylphthalate	13.54	149	295925	36.612	nq	96
80) Benzo(a)anthracene	14.14	228	499792	33.468	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	166230	33.629	nq	97
82) Chrysene	14.18	228	517314	35.368	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	385365	36.900	nq	99
84) Di-n-octyl phthalate	14.72	149	617711	34.385	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	509971	33.646	nq	96
87) Benzo(b)fluoranthene	15.23	252	507797	32.330	nq	99
88) Benzo(k)fluoranthene	15.27	252	548164	37.049	nq	97
89) Benzo(a)pyrene	15.63	252	511915	35.171	nq	99
90) Dibenzo(a,h)anthracene	17.29	278	438624	32.594	nq	97
91) Benzo(g,h,i)perylene	17.76	276	390220	28.950	nq	95

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

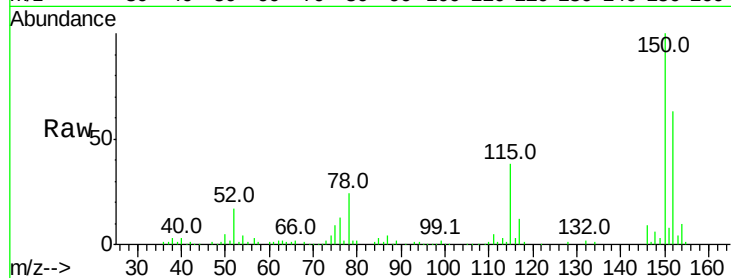


#1

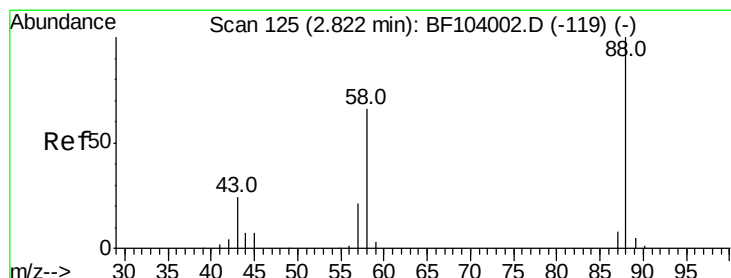
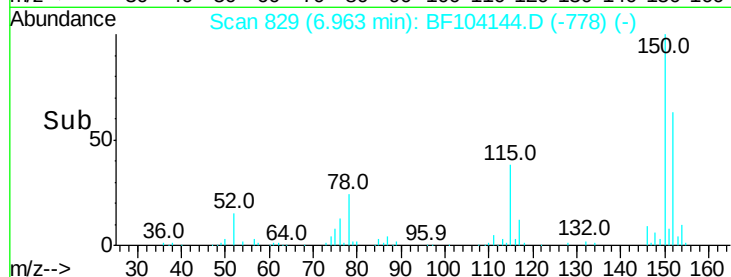
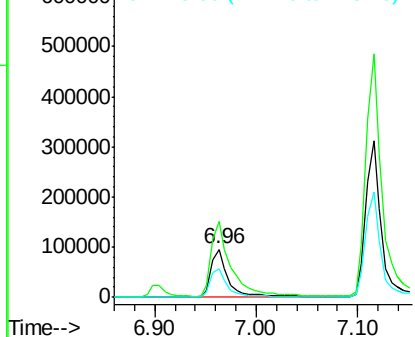
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117236
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 60.7 50.1 75.1



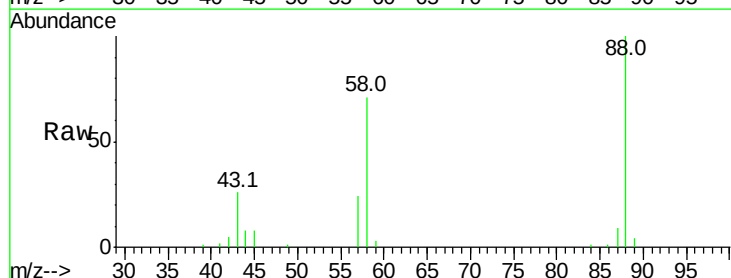
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



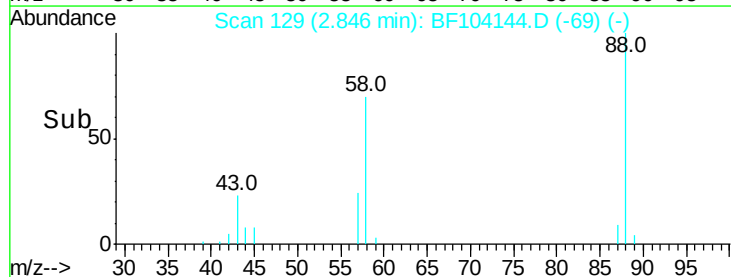
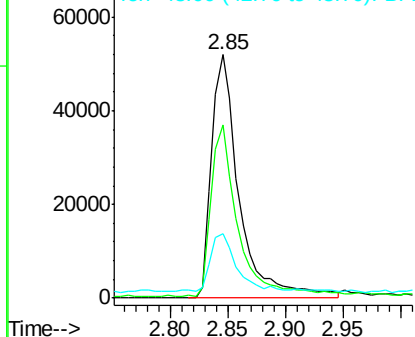
#2

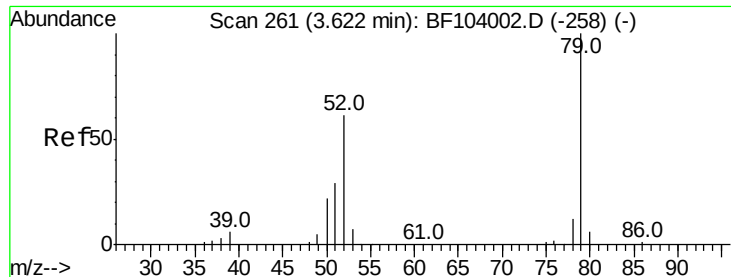
1,4-Dioxane
 Concen: 27.493 ng
 RT: 2.85 min Scan# 129
 Delta R.T. 0.05 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion: 88 Resp: 87169
 Ion Ratio Lower Upper
 88 100
 58 67.4 62.6 93.8
 43 23.0 24.6 37.0#



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





#3

Pvridine

Concen: 24.960 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.05 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampled :

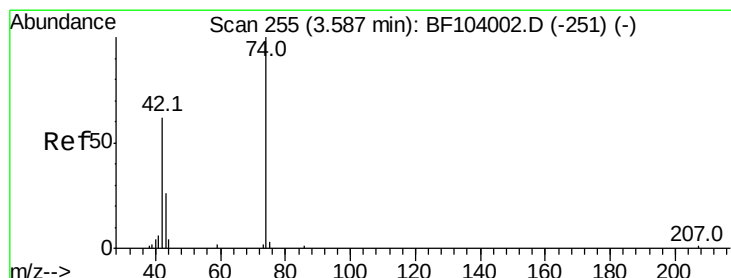
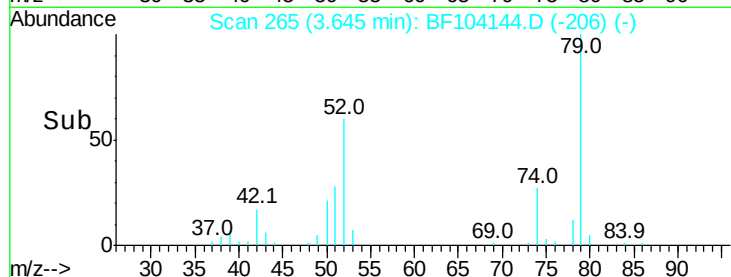
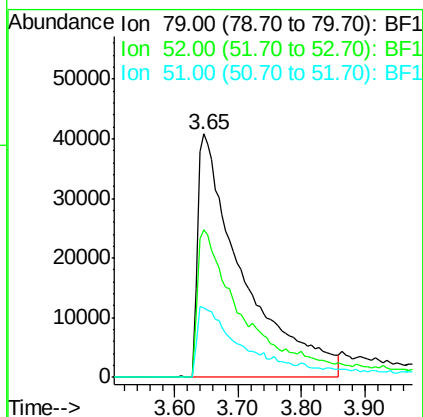
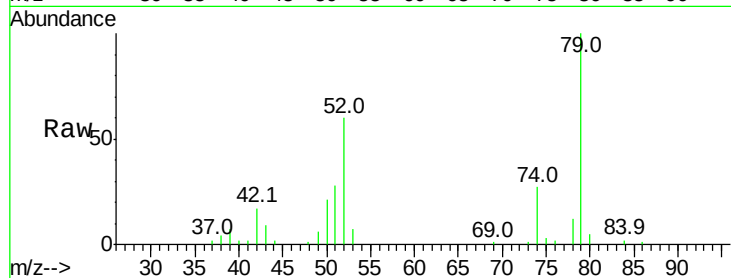
Tot Ion: 79 Resp: 200344

Ion Ratio Lower Upper

79 100

52 60.5 59.8 89.6

51 28.4 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 21.442 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.04 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

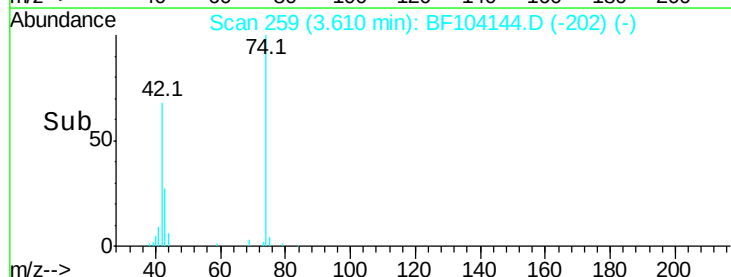
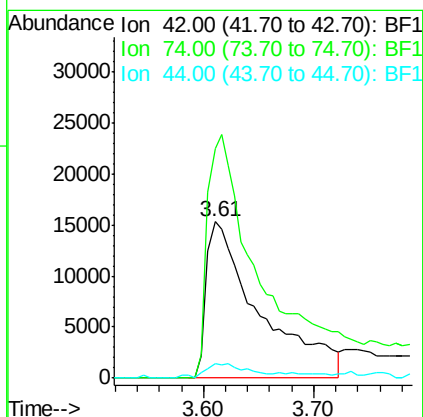
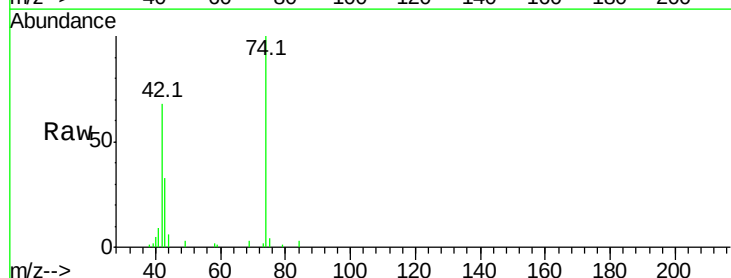
Tgt Ion: 42 Resp: 51157

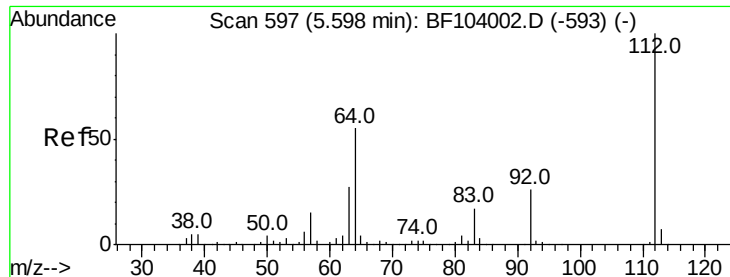
Ion Ratio Lower Upper

42 100

74 146.8 104.9 157.3

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 99.965 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :

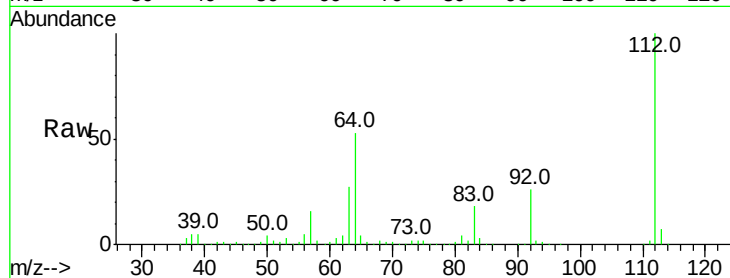
Tot Ion:112 Resp: 734884

Ion Ratio Lower Upper

112 100

64 53.4 47.9 71.9

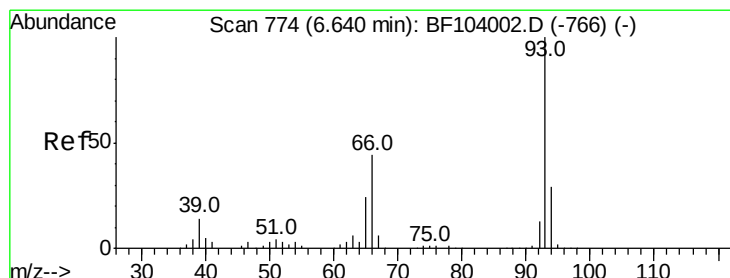
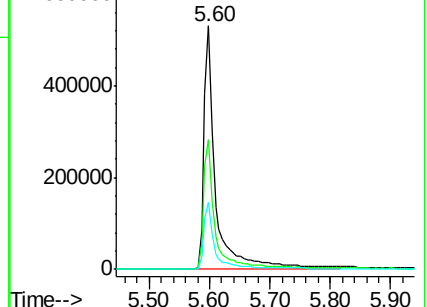
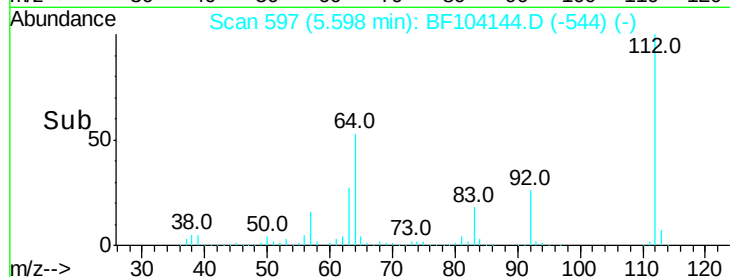
63 27.4 23.7 35.5



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: 16.218 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

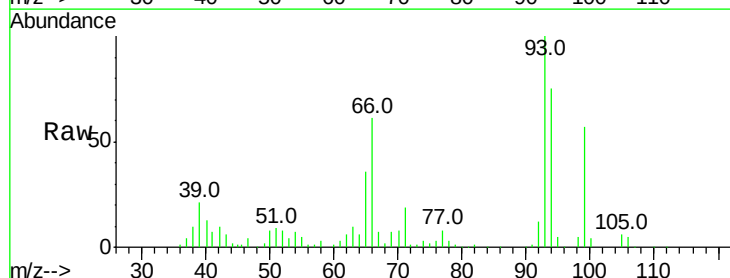
Tgt Ion: 93 Resp: 175598

Ion Ratio Lower Upper

93 100

66 61.2 32.2 48.2#

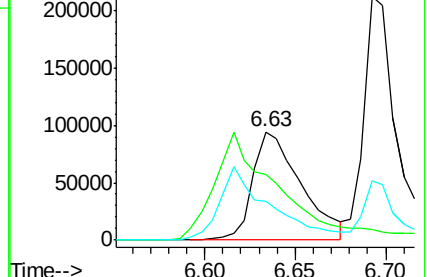
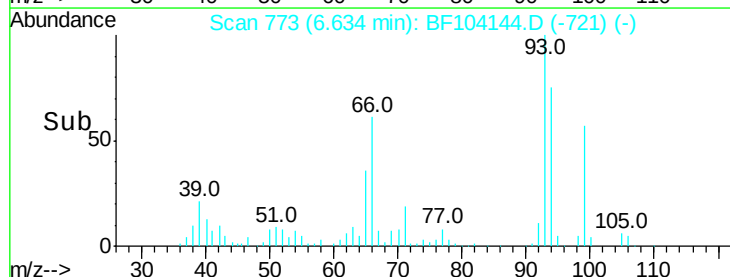
65 36.1 16.4 24.6#

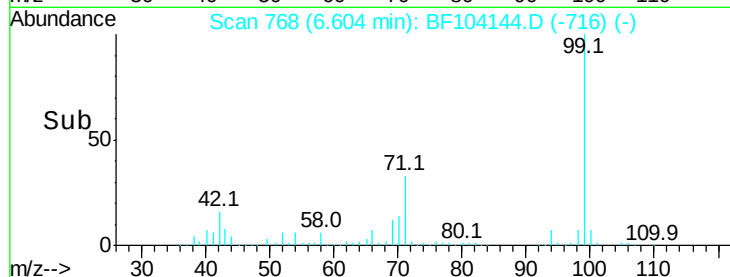
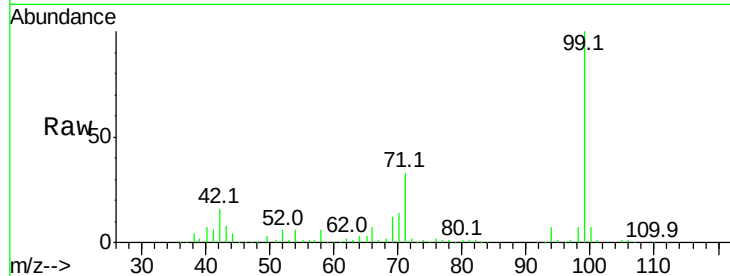
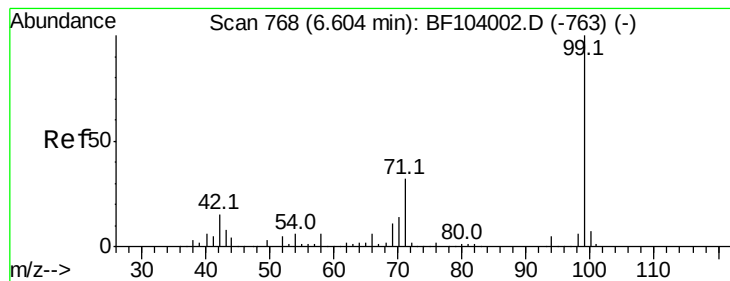


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.621 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

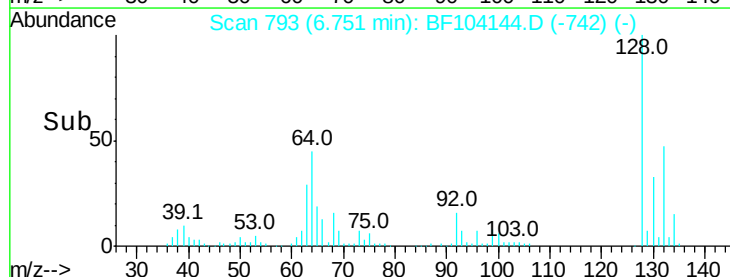
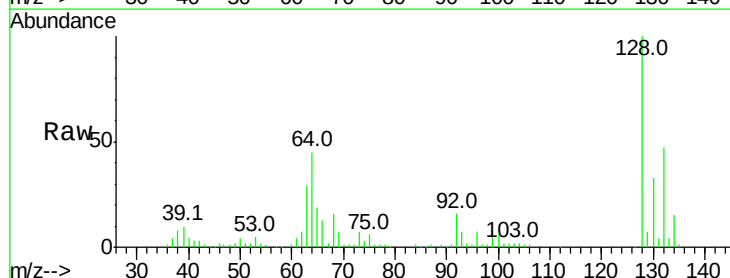
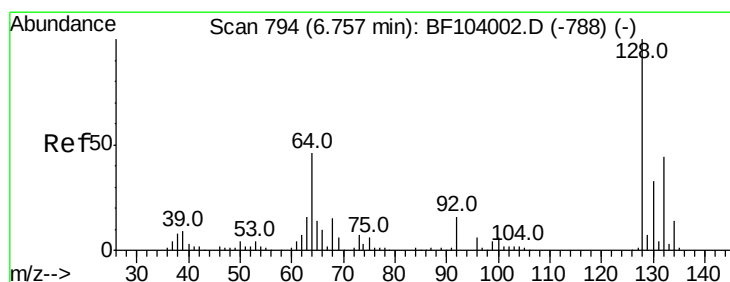
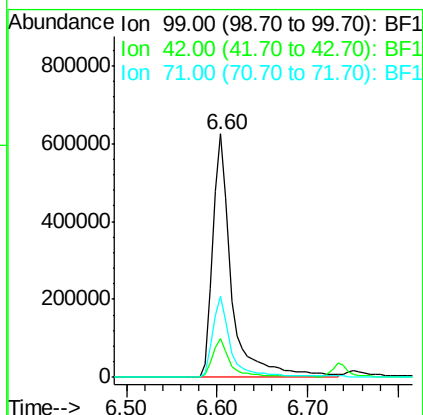
Tot Ion: 99 Resp: 910060

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.075 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

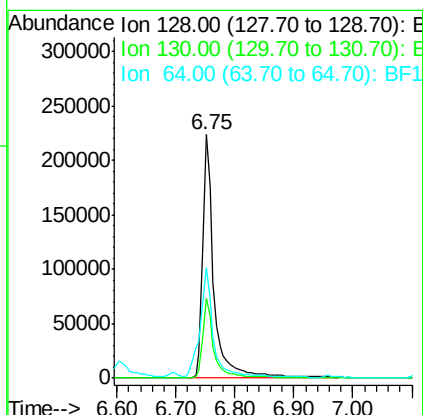
Tgt Ion:128 Resp: 298977

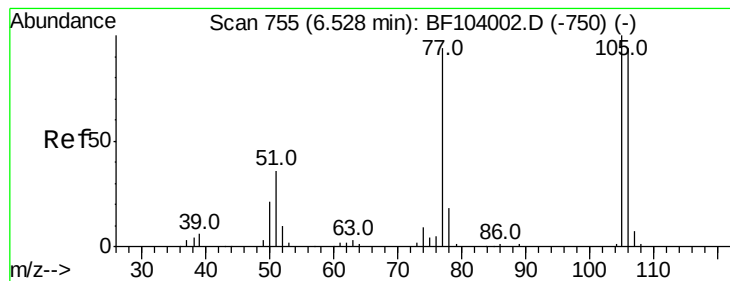
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 45.2 29.4 69.4





#9

Benzaldehyde

Concen: 14.341 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

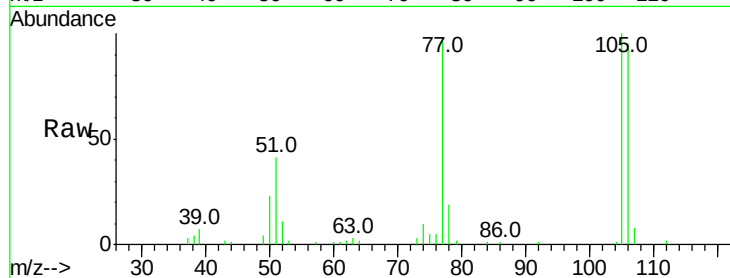
Tot Ion: 77 Resp: 82528

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

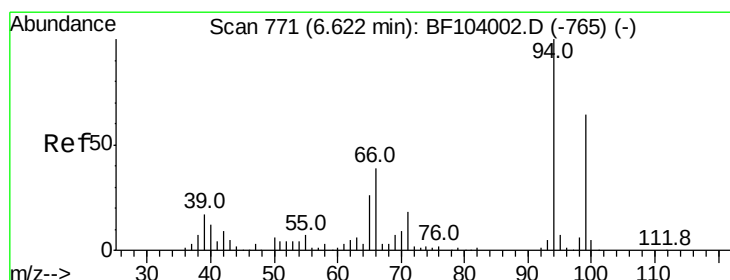
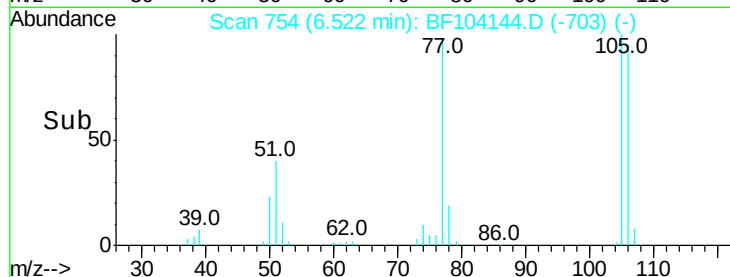
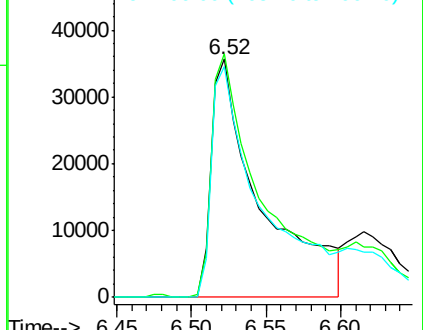
106 96.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.895 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

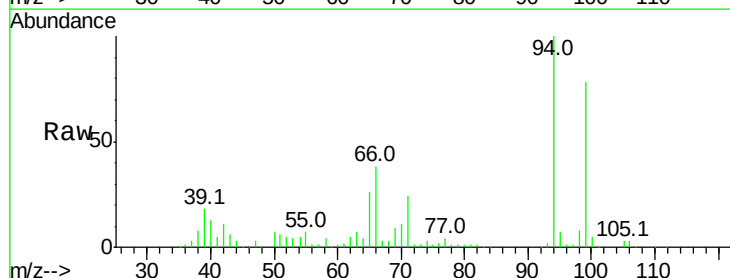
Tgt Ion: 94 Resp: 359710

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

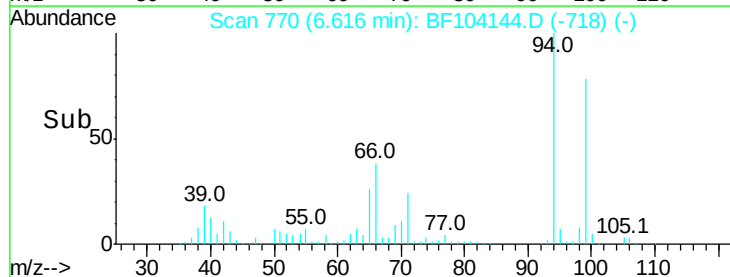
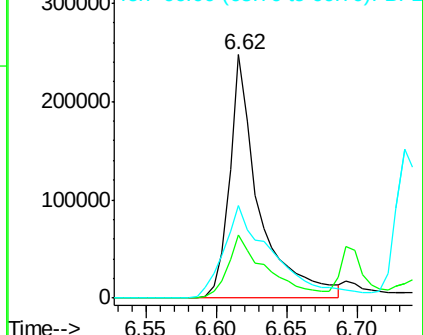
66 37.9 16.2 56.2

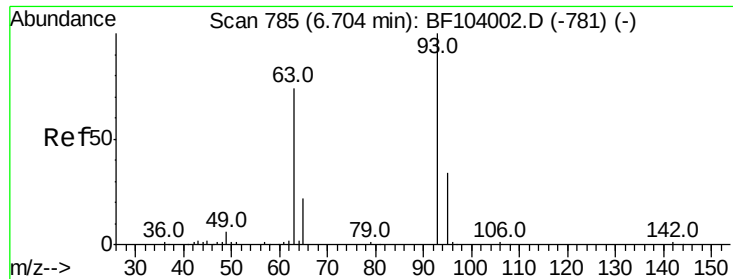


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 26.999 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

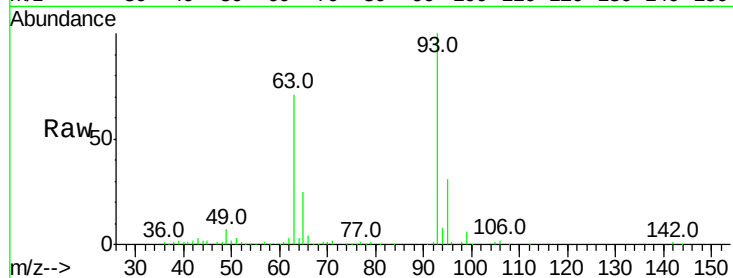
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 233150

Ion	Ratio	Lower	Upper
93	100		
63	70.7	58.6	98.6
95	31.1	11.8	51.8

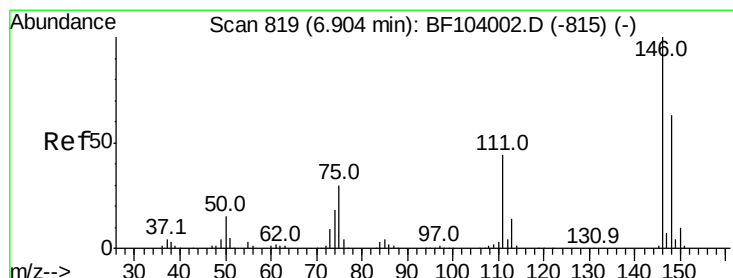
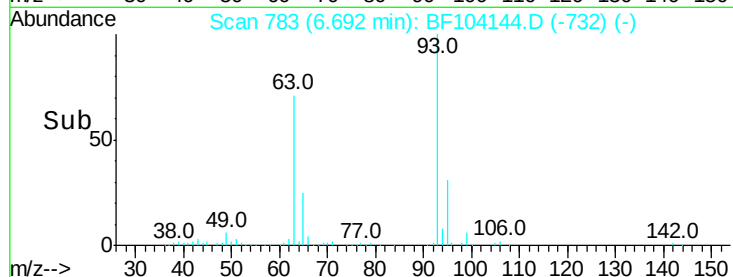
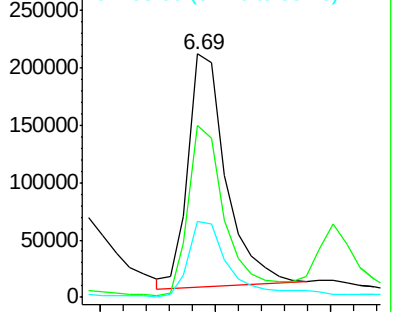


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.406 ng

RT: 6.90 min Scan# 818

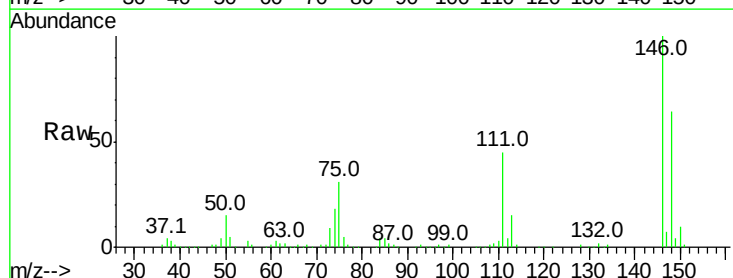
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion: 146 Resp: 293749

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.8	24.2	36.4

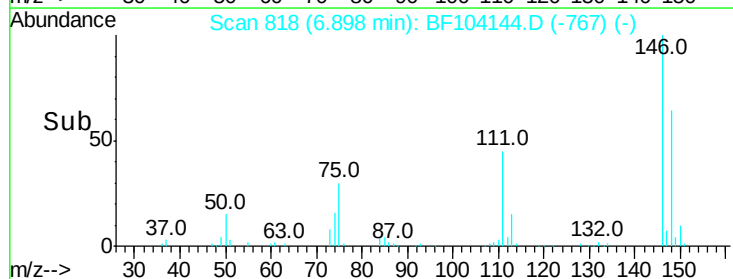
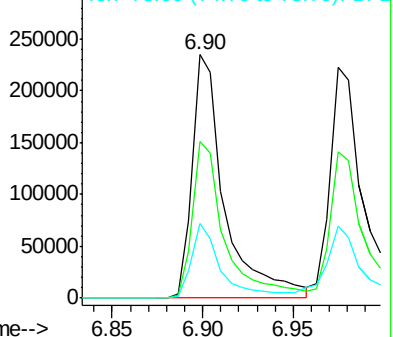


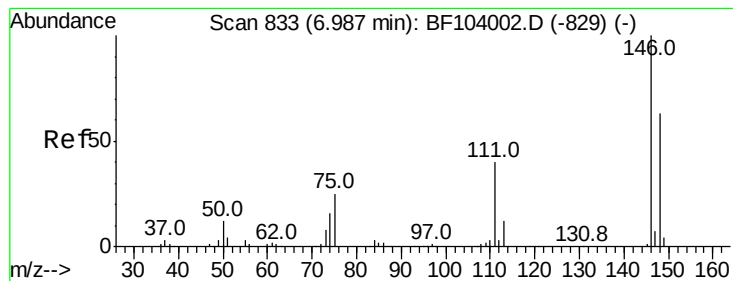
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.021 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

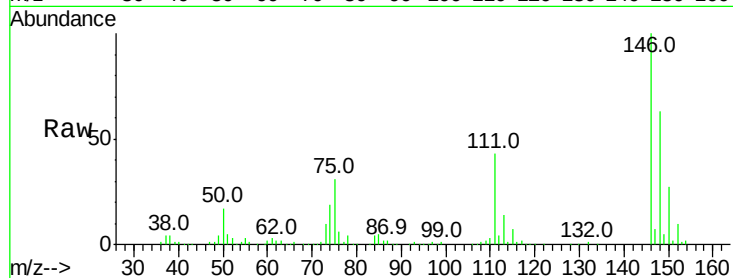
Tot Ion:146 Resp: 330439

Ion Ratio Lower Upper

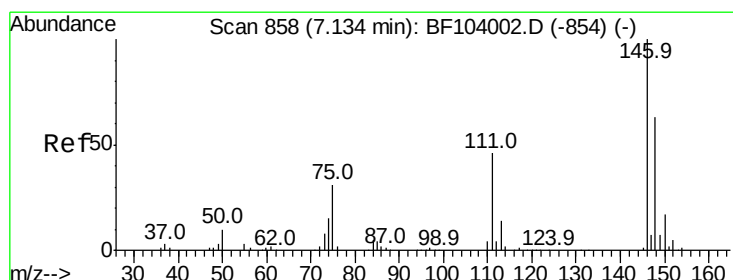
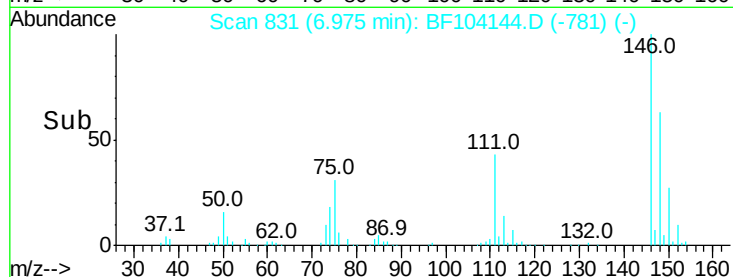
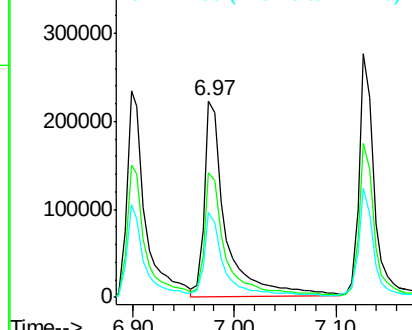
146 100

148 63.4 50.8 76.2

111 43.0 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: 33.872 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

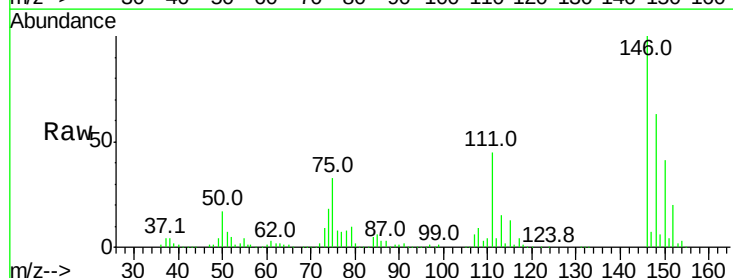
Tgt Ion:146 Resp: 295706

Ion Ratio Lower Upper

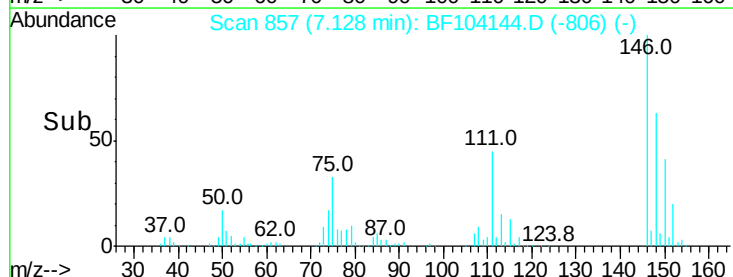
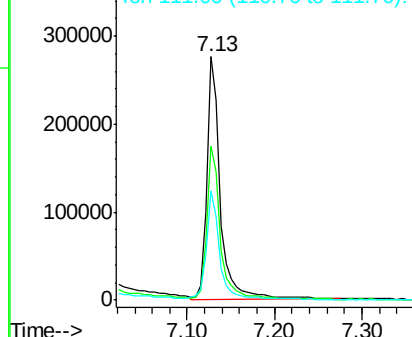
146 100

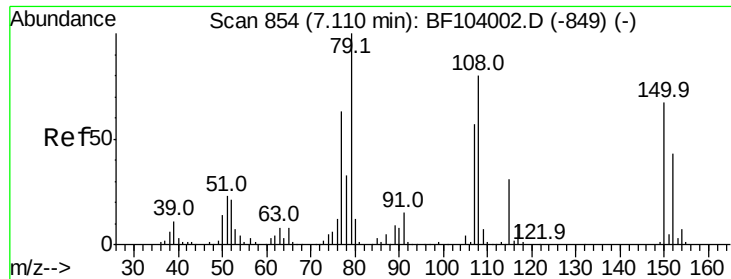
148 63.3 50.6 75.8

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

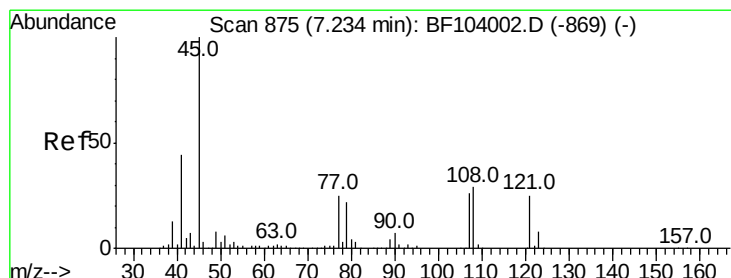
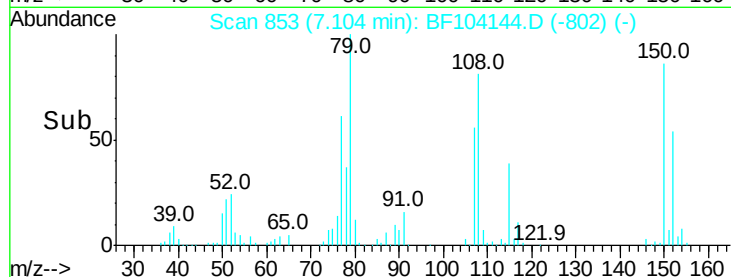
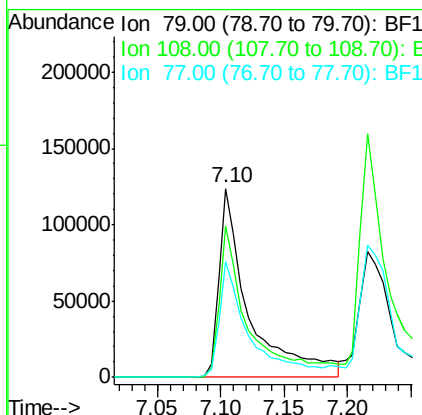
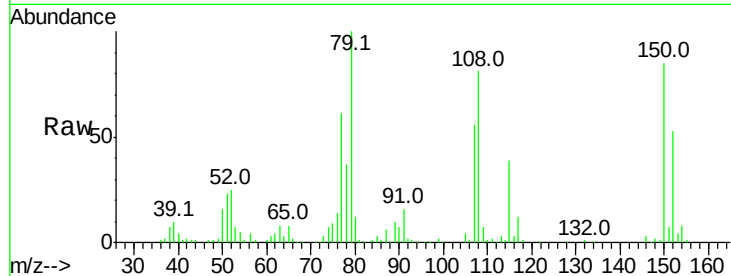




#15
Benzyl Alcohol
Concen: 34.941 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

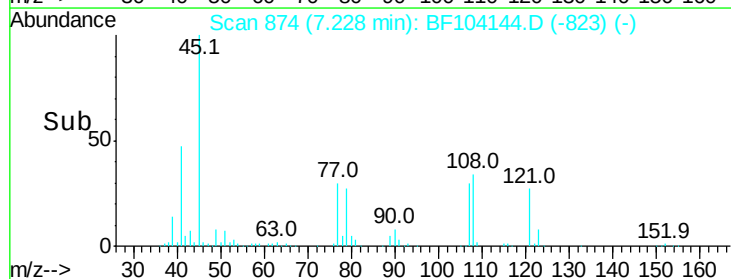
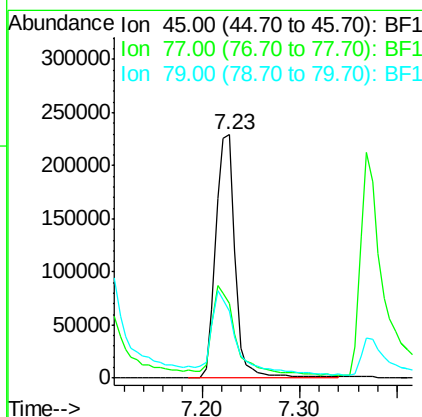
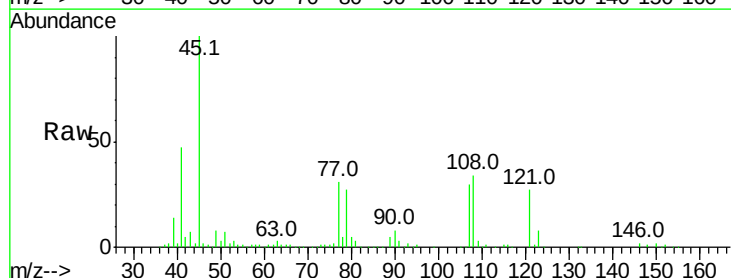
Instrument :
BNA_F
ClientSampled :

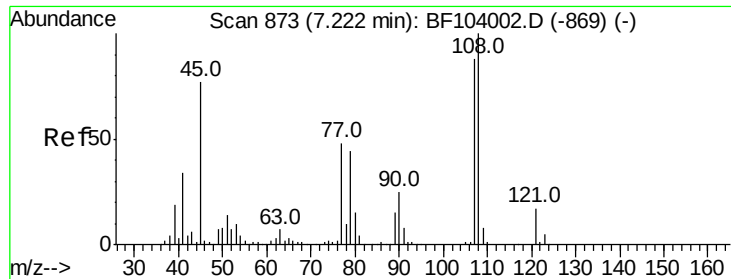
Tot Ion: 79 Resp: 205472
Ion Ratio Lower Upper
79 100
108 80.6 65.1 97.7
77 61.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.767 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion: 45 Resp: 317678
Ion Ratio Lower Upper
45 100
77 30.5 0.0 32.9
79 27.3 0.0 29.6

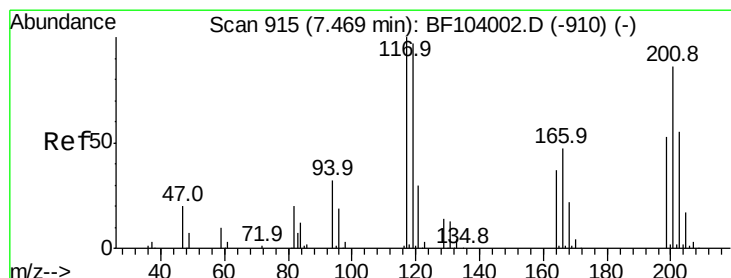
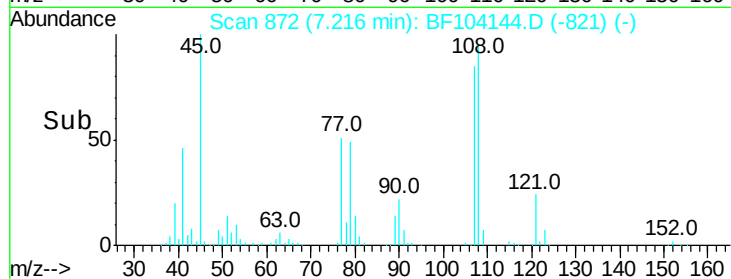
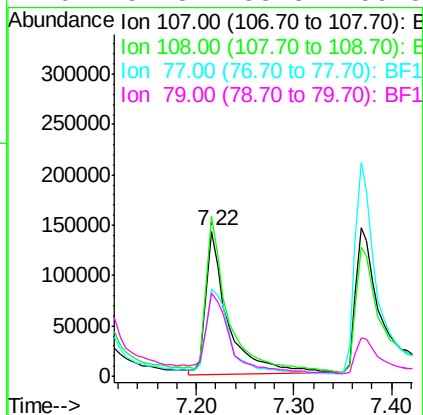
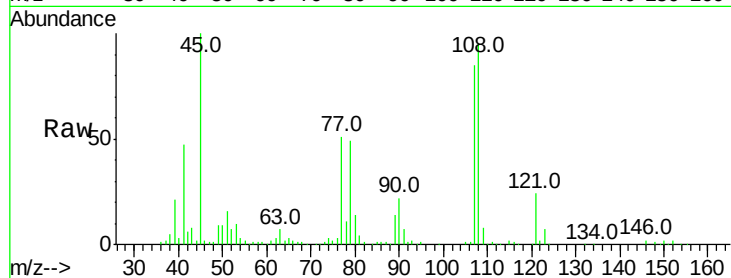




#17
2-Methylphenol
Concen: 34.177 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

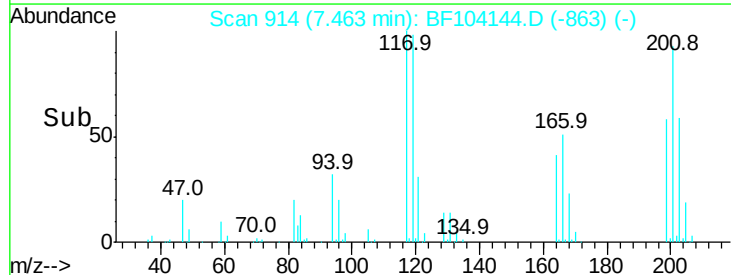
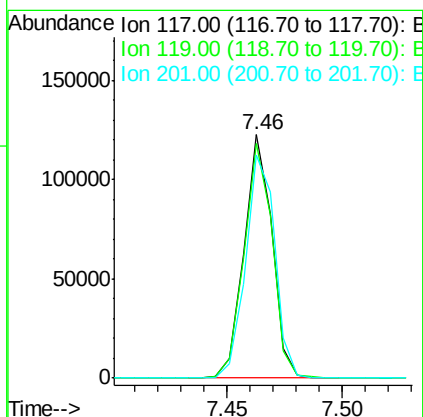
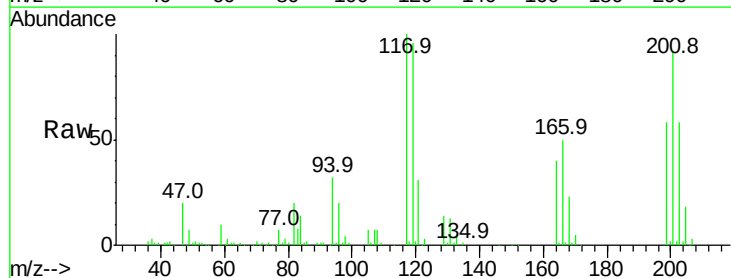
Instrument :
BNA_F
ClientSampleId :

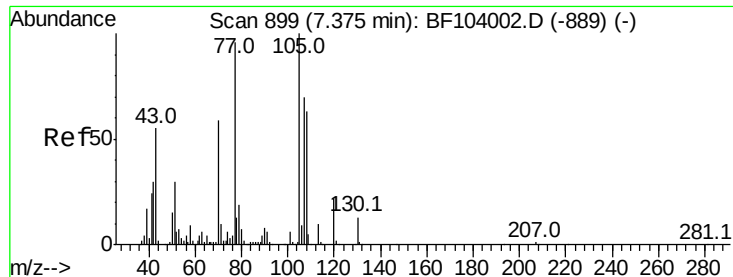
Tot Ion:107 Resp: 224317
Ion Ratio Lower Upper
107 100
108 110.7 91.7 137.5
77 60.3 33.8 50.8#
79 57.3 33.8 50.8#



#18
Hexachloroethane
Concen: 32.128 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:117 Resp: 104481
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 91.5 75.7 113.5

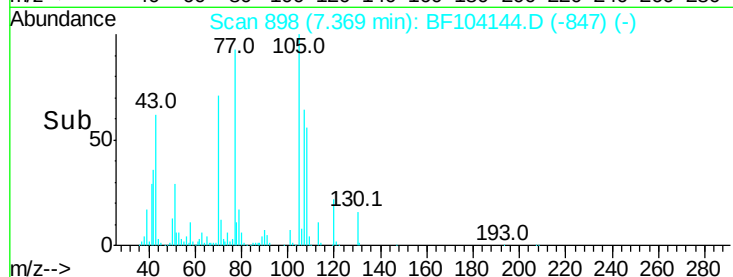
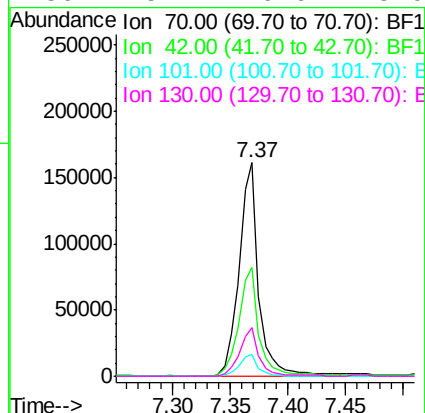
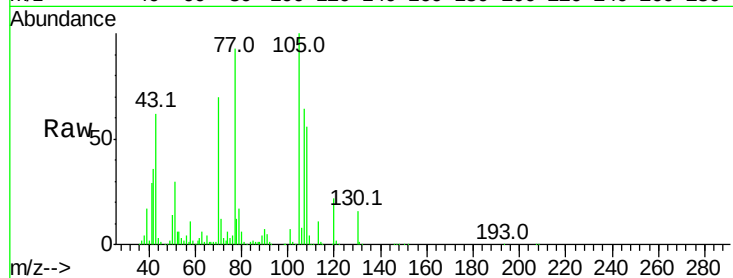




#19
n-Nitroso-di-n-propylamine
Concen: 35.453 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

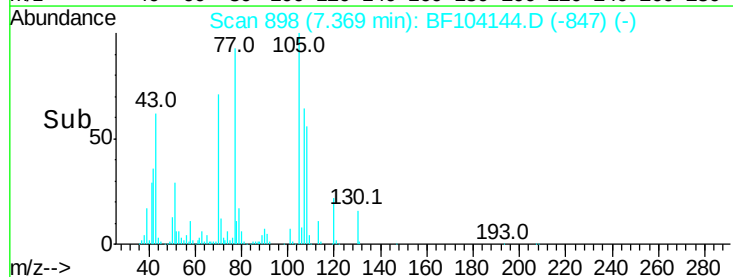
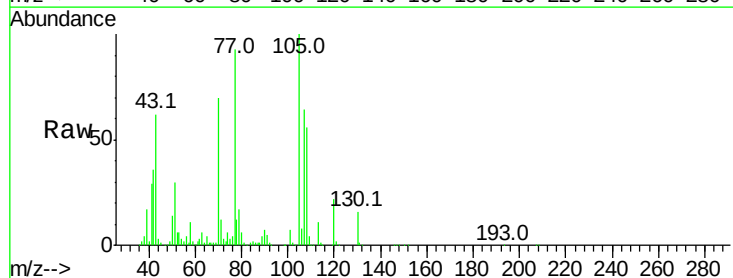
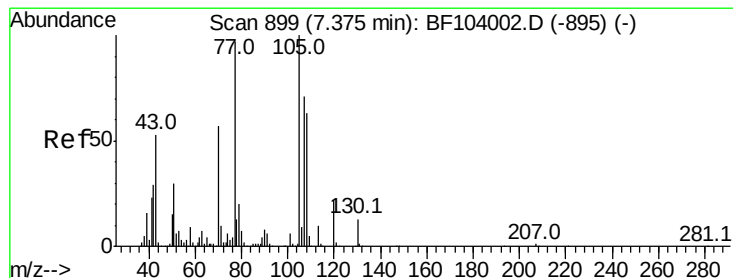
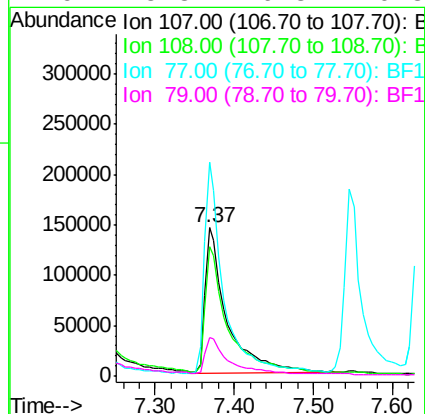
Instrument :
BNA_F
ClientSampled :

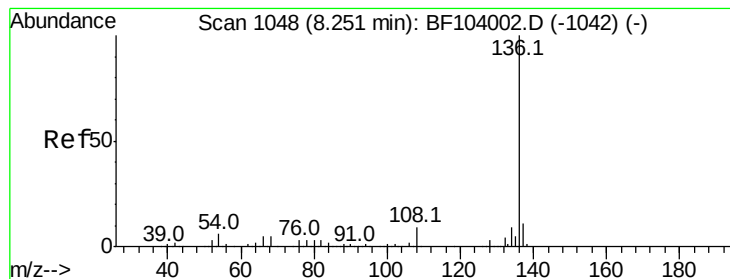
Tot Ion:	70	Resp:	190294
Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	10.1	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.950 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:	107	Resp:	284378
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	144.3	26.7	66.7#
79	25.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 488825

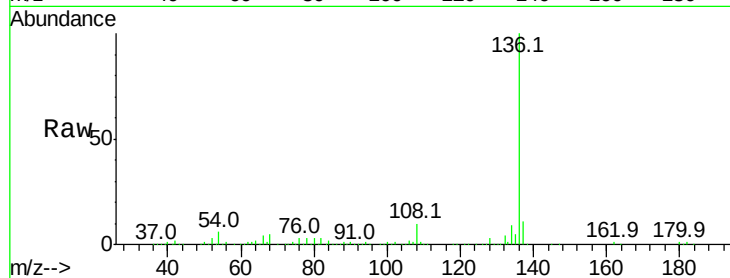
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

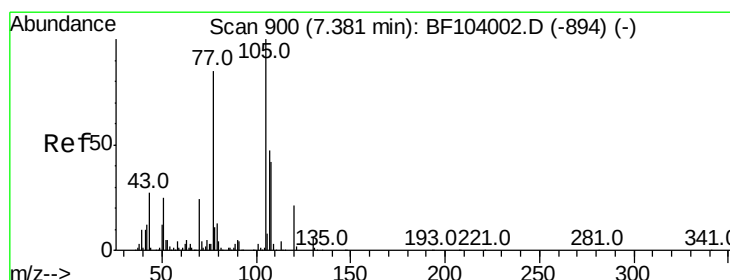
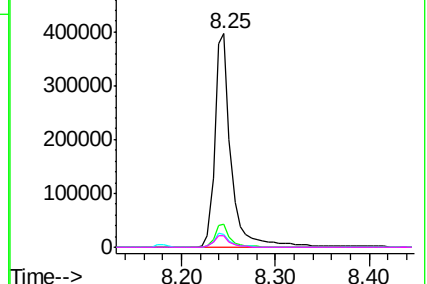
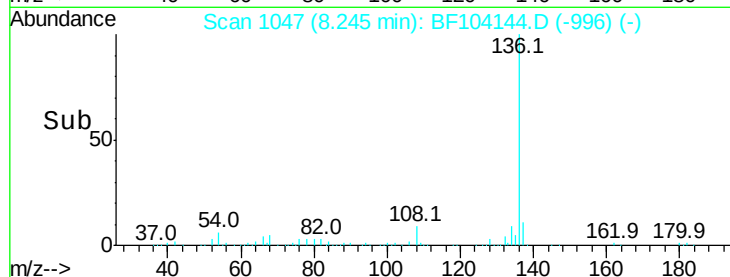


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.493 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:105 Resp: 407953

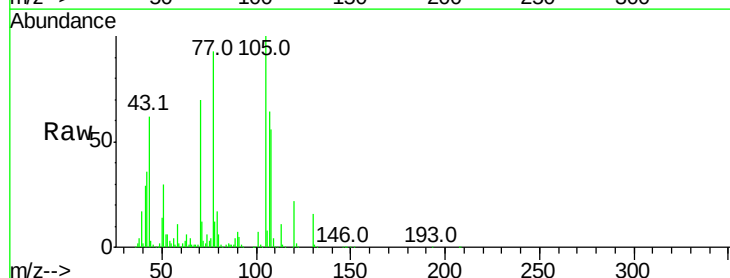
Ion Ratio Lower Upper

105 100

71 11.8 4.4 6.6#

51 29.6 22.3 33.5

120 21.9 16.9 25.3

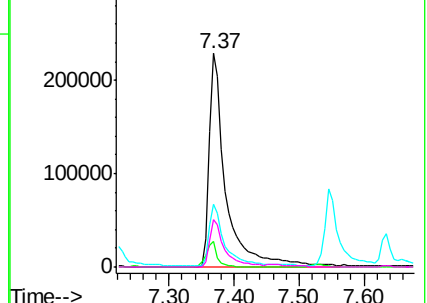
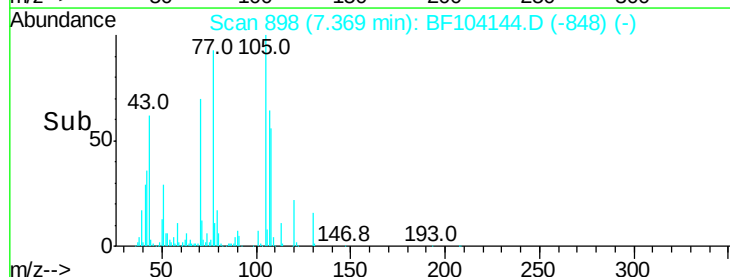


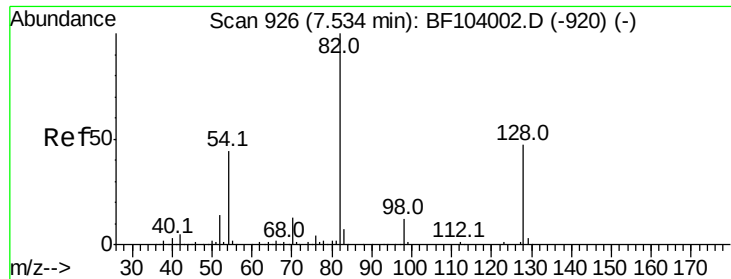
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

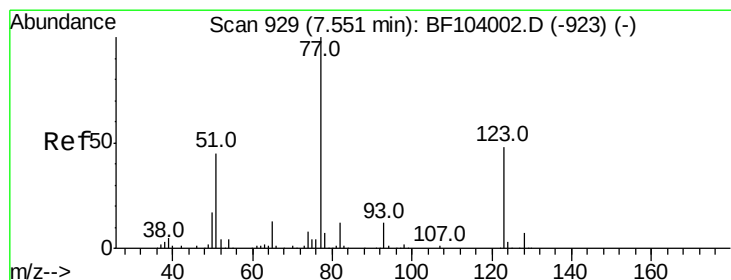
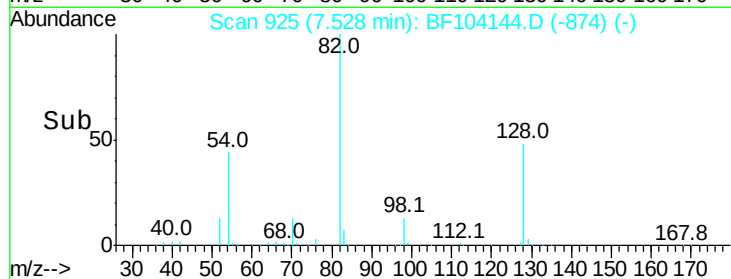
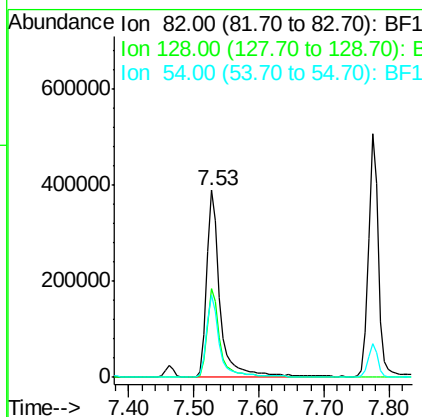
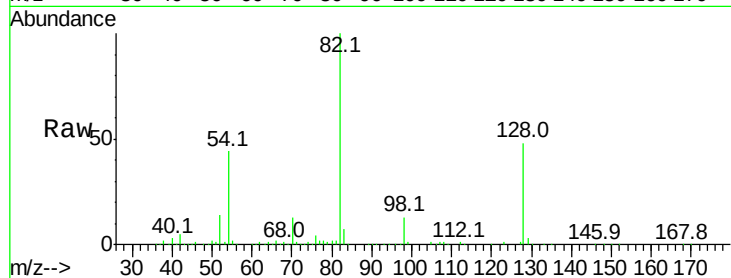




#23
 Nitrobenzene-d5
 Concen: 70.926 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

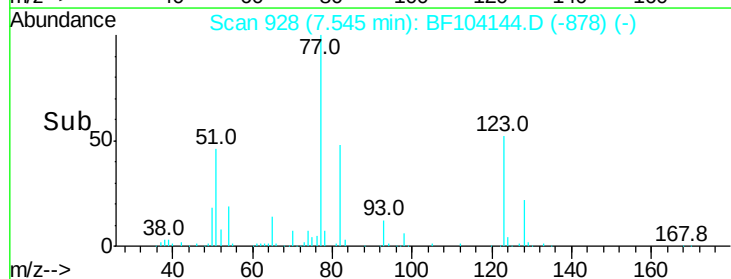
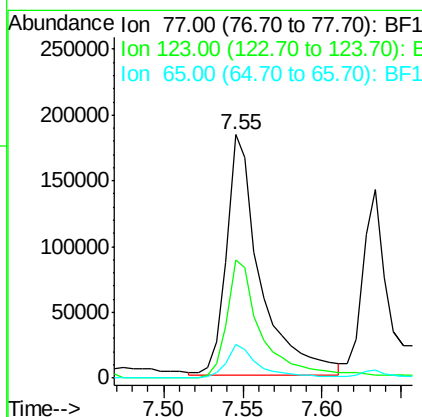
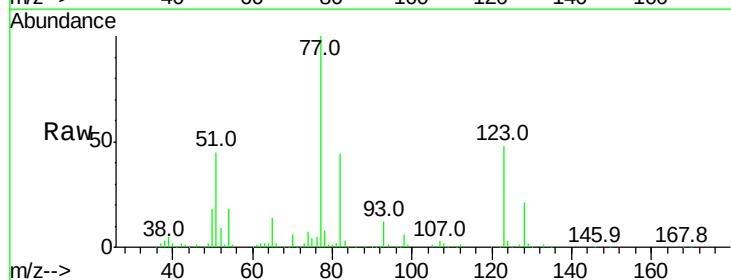
Instrument :
 BNA_F
 ClientSampleId :

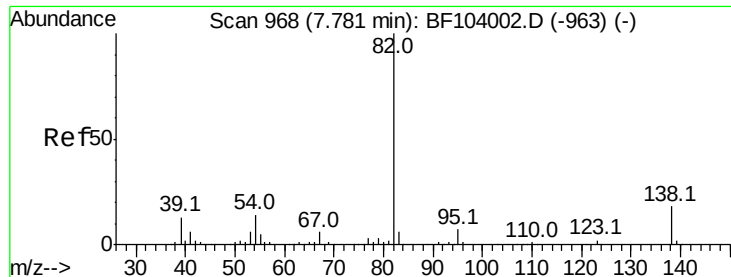
Tot Ion	82	Resp	566923
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 32.141 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	77	Resp	270307
Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 35.859 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

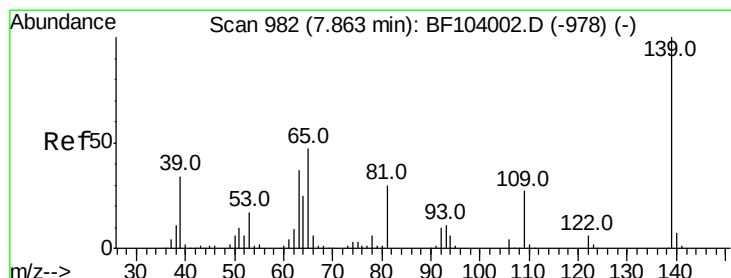
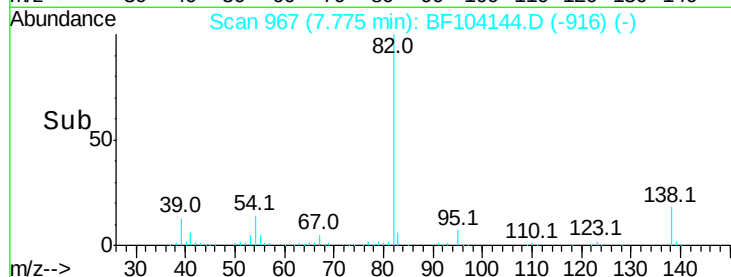
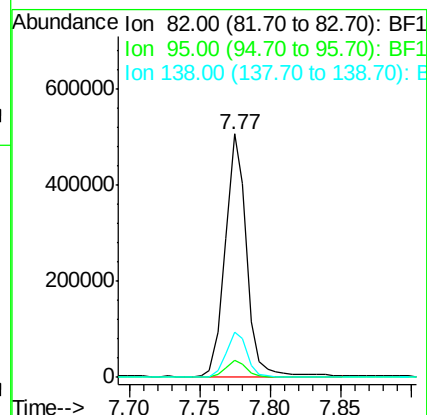
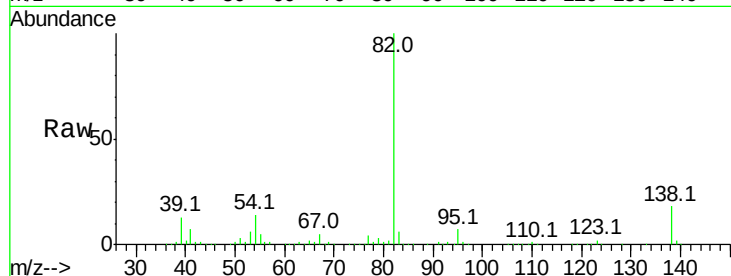
Tot Ion: 82 Resp: 528228

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 35.669 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

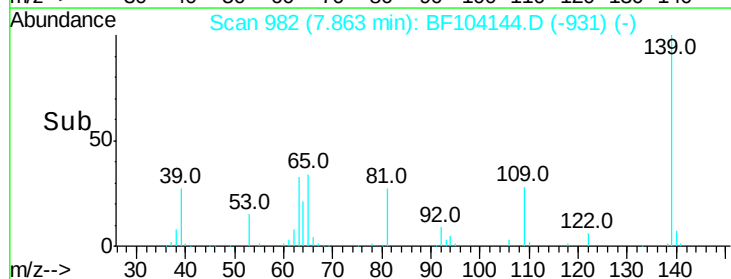
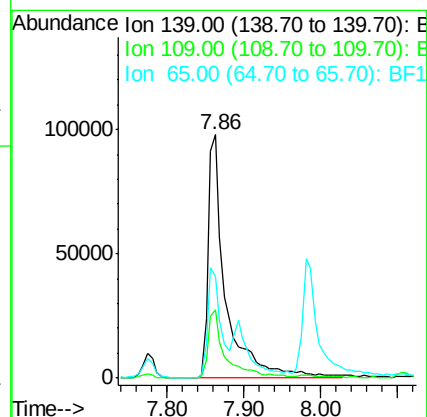
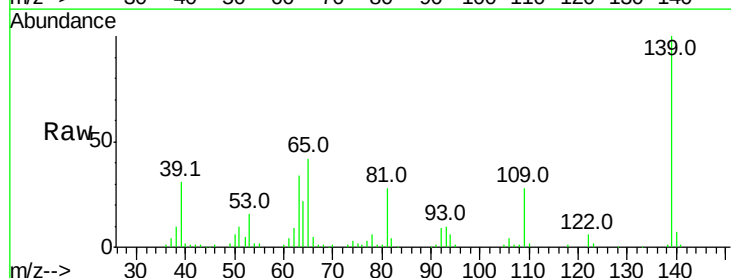
Tgt Ion:139 Resp: 156589

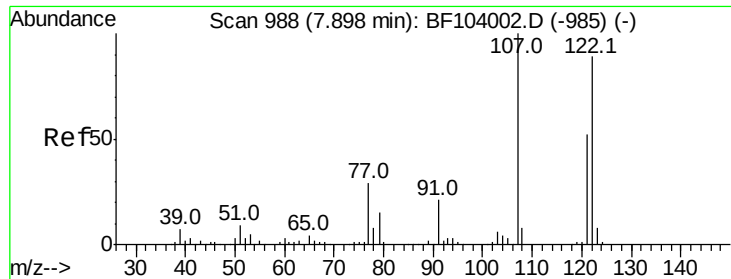
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 41.8 40.5 60.7

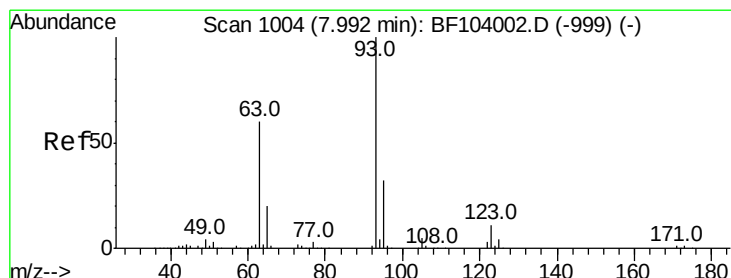
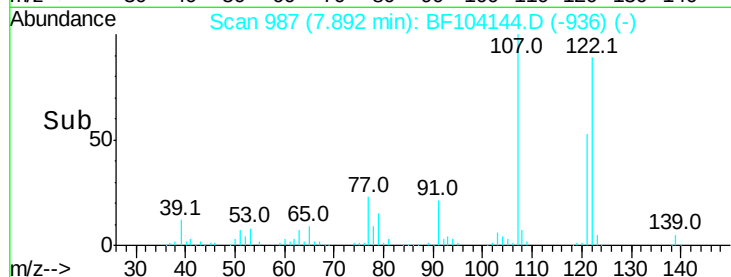
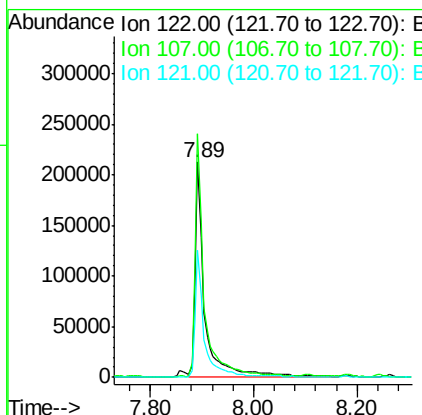
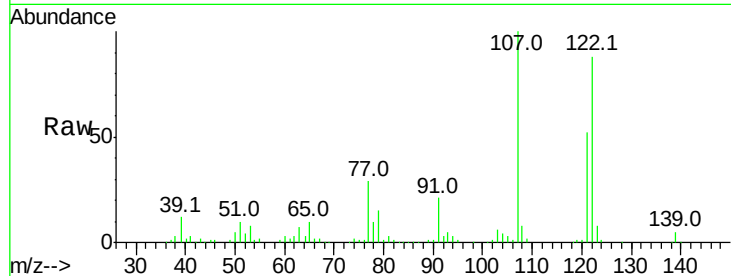




#27
2,4-Dimethylphenol
Concen: 42.571 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

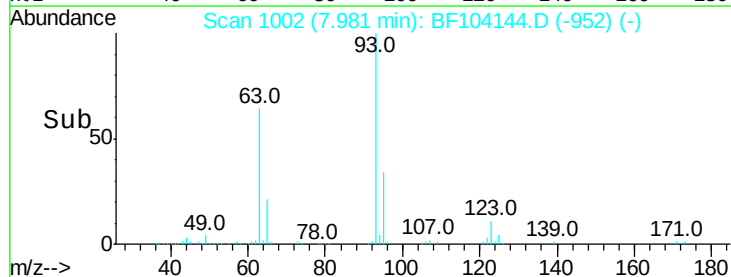
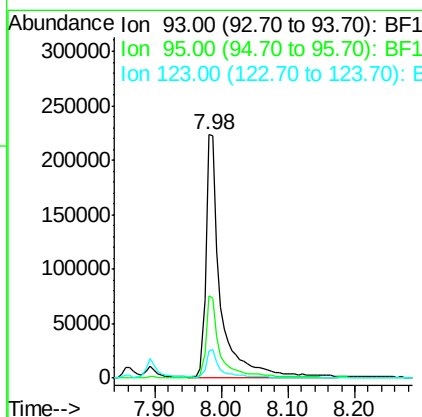
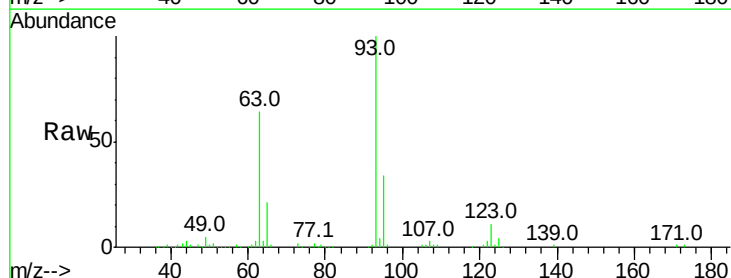
Instrument :
BNA_F
ClientSampleId :

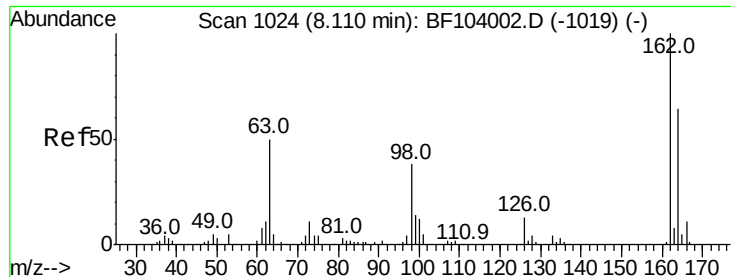
Tot Ion:122 Resp: 269529
Ion Ratio Lower Upper
122 100
107 113.2 91.2 136.8
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.555 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion: 93 Resp: 337486
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 11.4 9.8 14.6

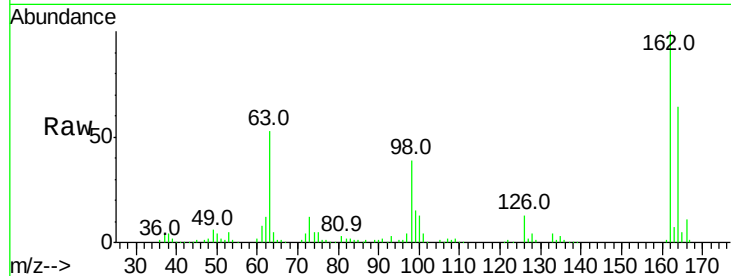




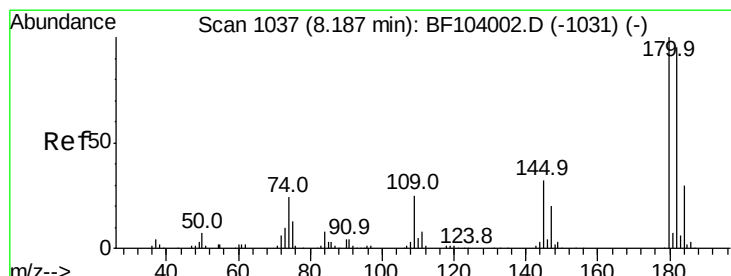
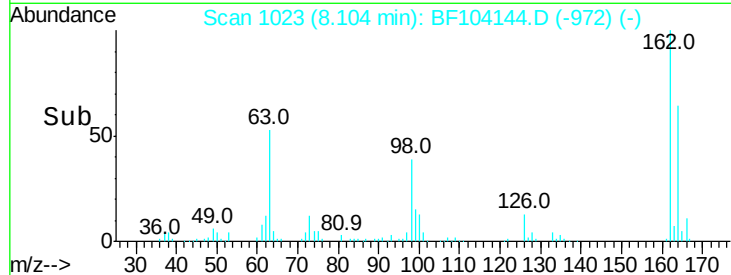
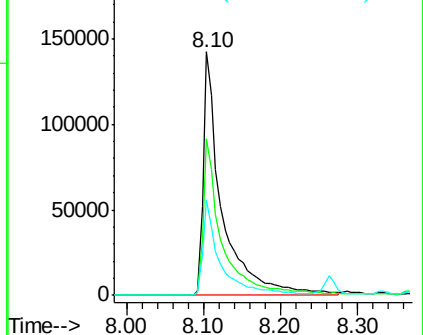
#29
 2,4-Dichlorophenol
 Concen: 36.471 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 241183
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 39.0 18.1 58.1

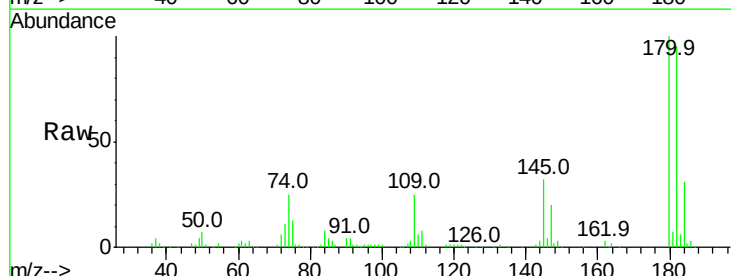


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

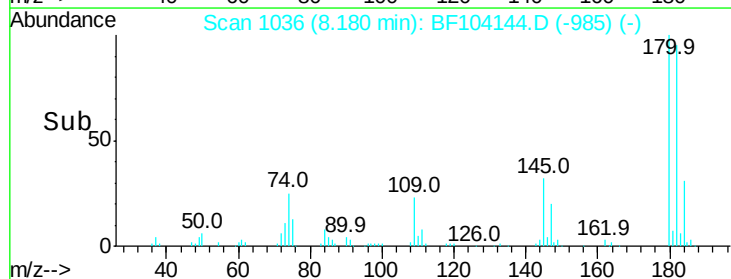
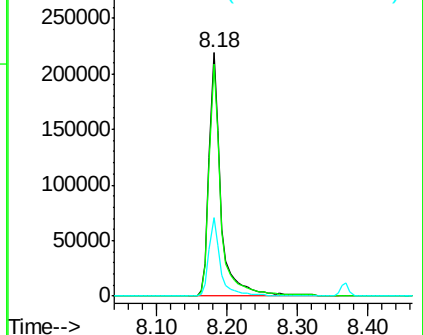


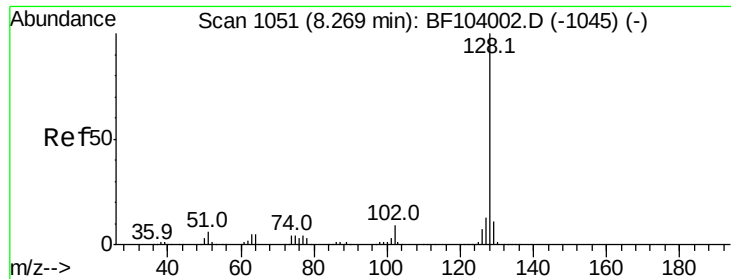
#30
 1,2,4-Trichlorobenzene
 Concen: 34.188 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:180 Resp: 256519
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.8 115.2
 145 32.3 26.5 39.7



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

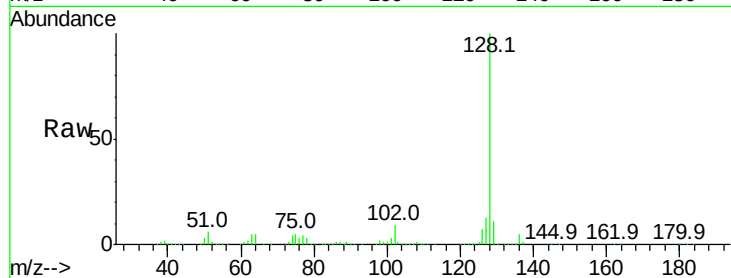




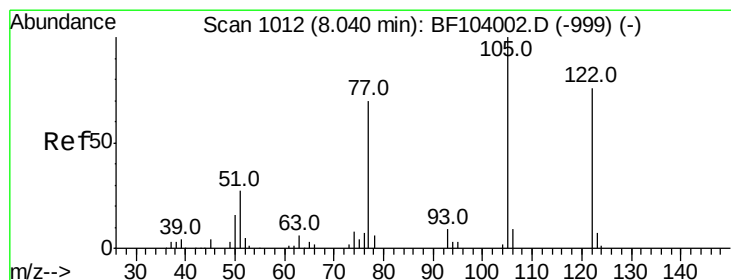
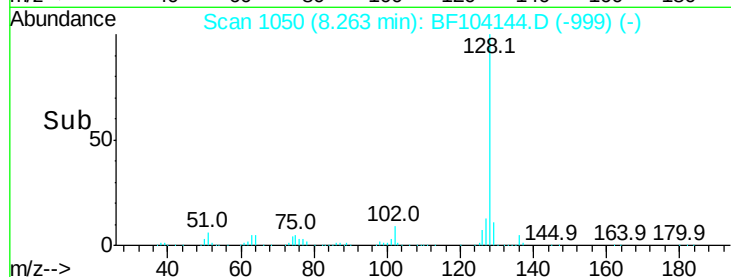
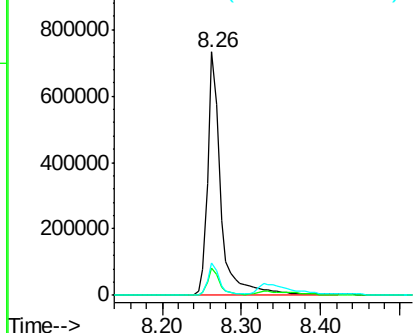
#31
Naphthalene
Concen: 36.148 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

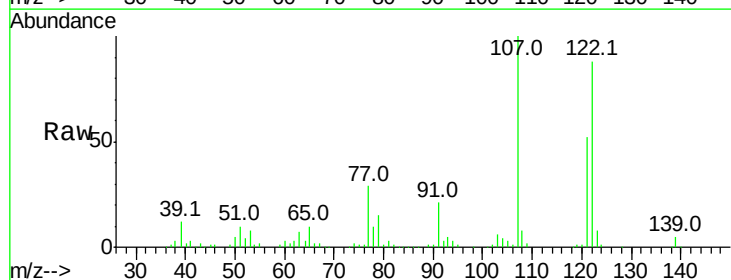


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

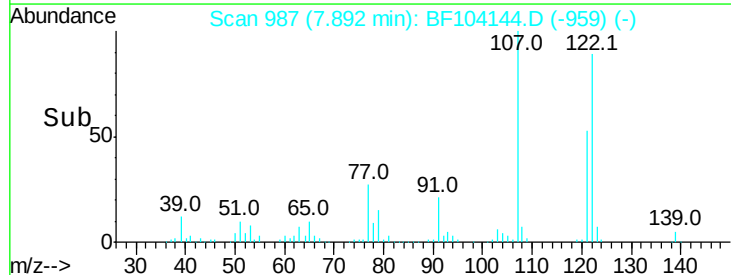
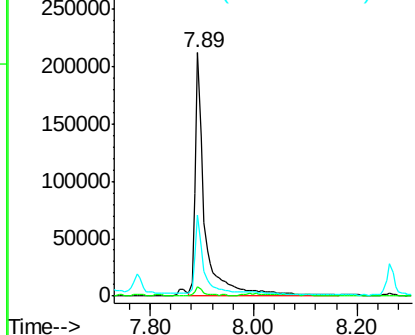


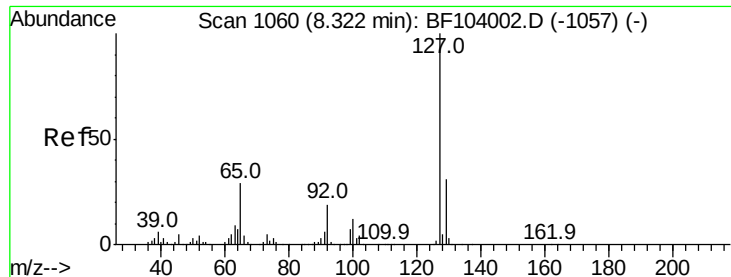
#32
Benzoic acid
Concen: 58.112 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.14 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	101.1	141.1#
77	33.3	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

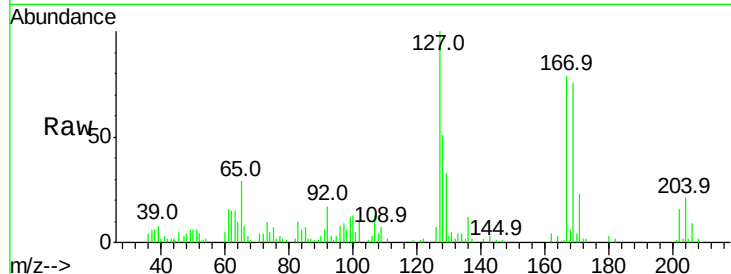




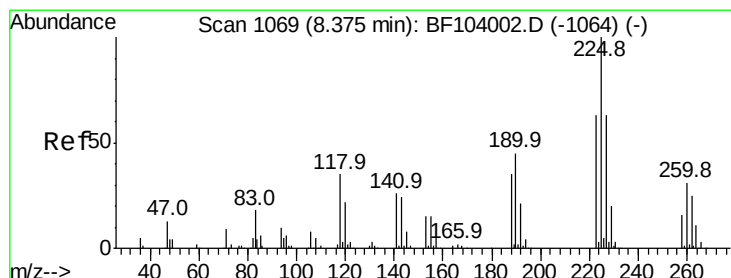
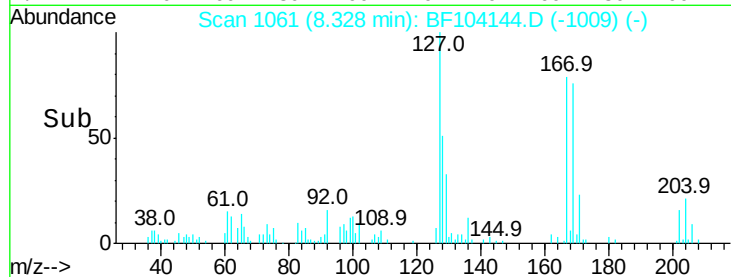
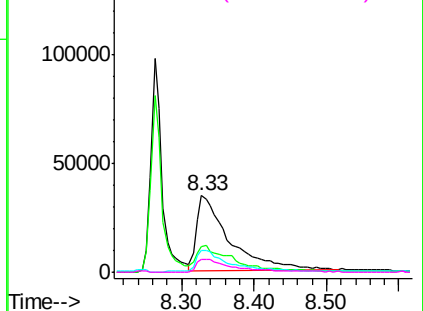
#33
 4-Chloroaniline
 Concen: 10.917 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	109912
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	28.8	25.0	37.4
92	16.7	15.2	22.8

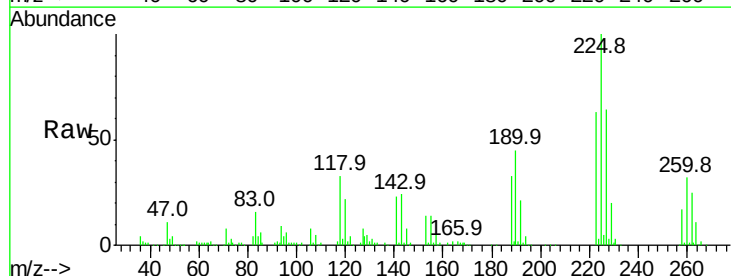


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

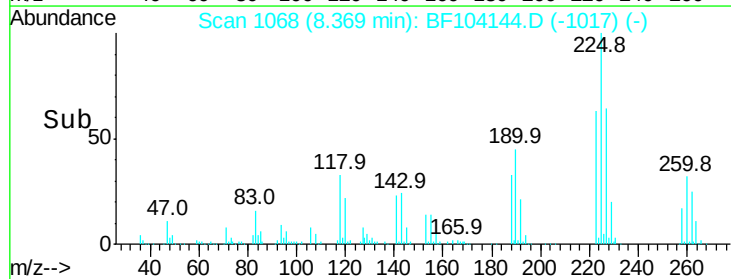
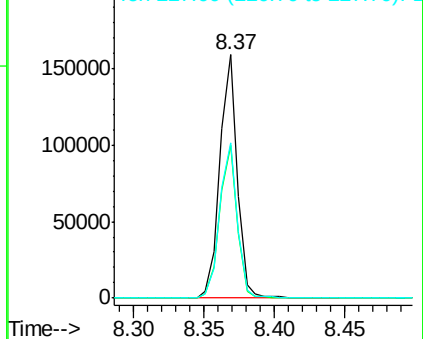


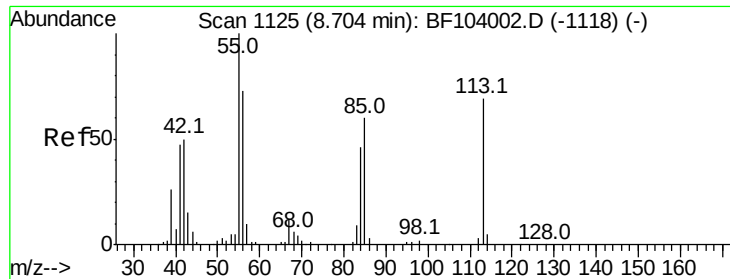
#34
 Hexachlorobutadiene
 Concen: 33.390 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:	225	Resp:	136334
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.7	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: 22.561 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampled :

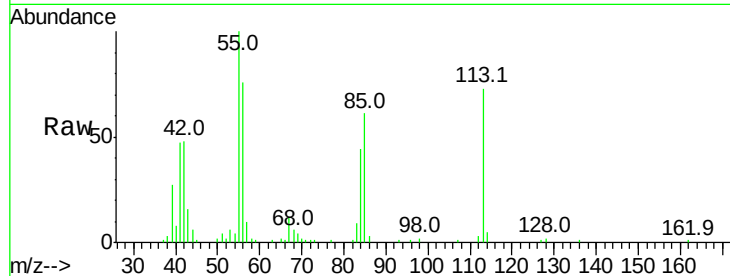
Tot Ion:113 Resp: 47307

Ion Ratio Lower Upper

113 100

55 137.6 163.3 203.3#

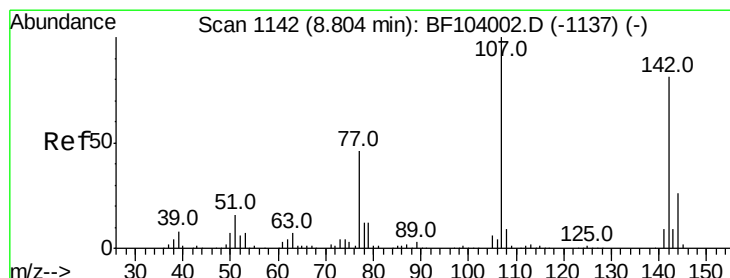
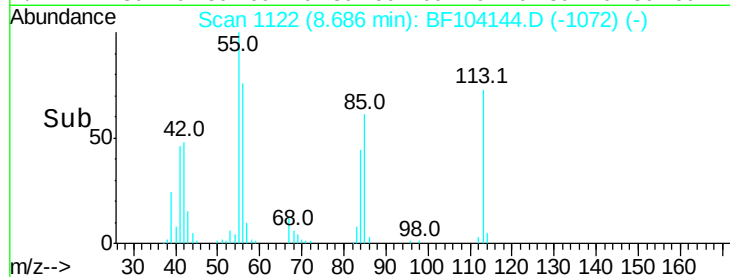
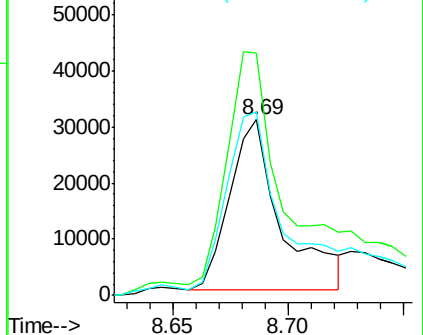
56 104.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.986 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

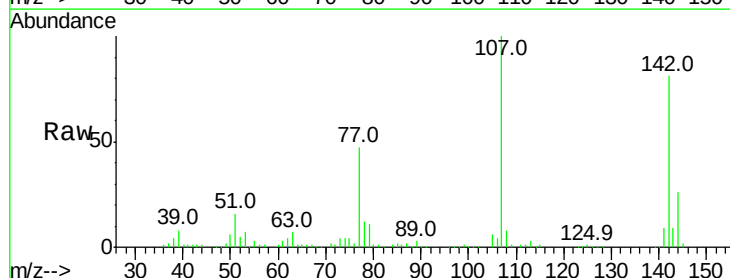
Tgt Ion:107 Resp: 258707

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

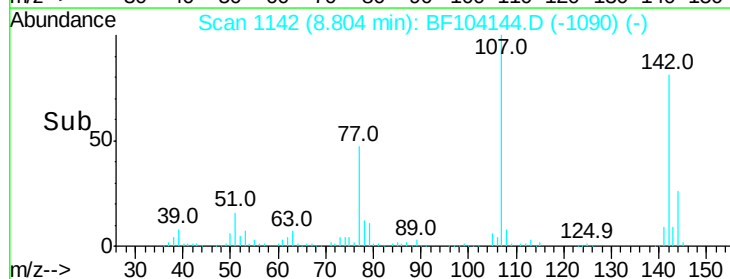
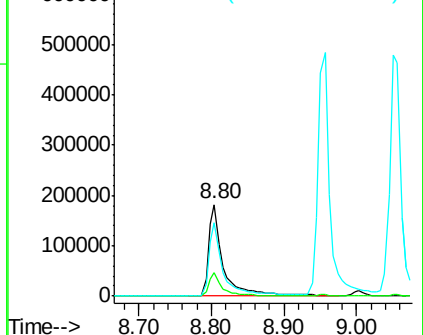
142 80.5 62.0 93.0

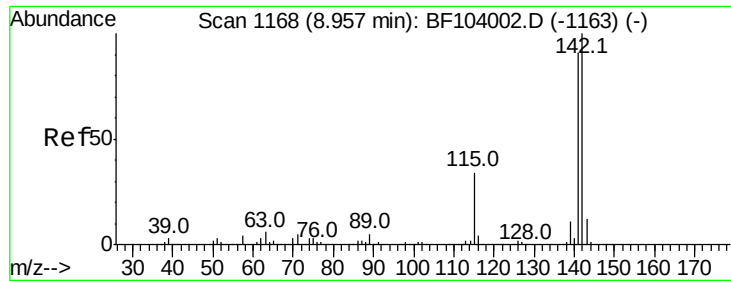


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.149 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

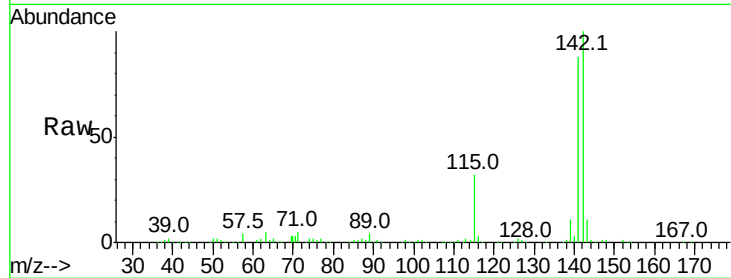
Tot Ion:142 Resp: 552901

Ion Ratio Lower Upper

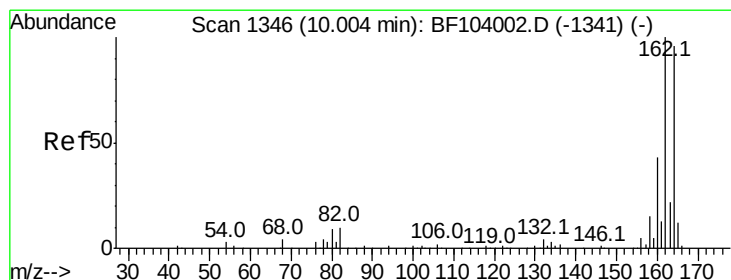
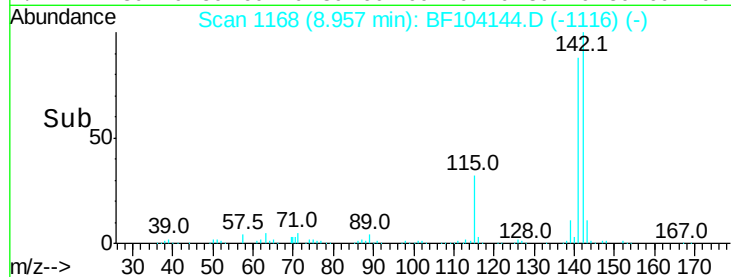
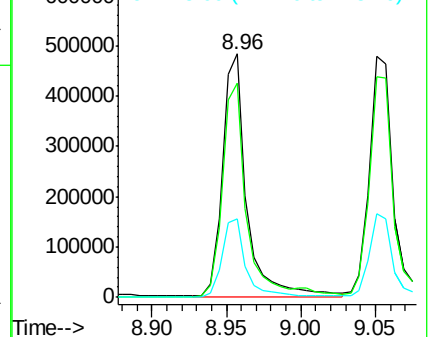
142 100

141 88.0 70.8 106.2

115 32.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

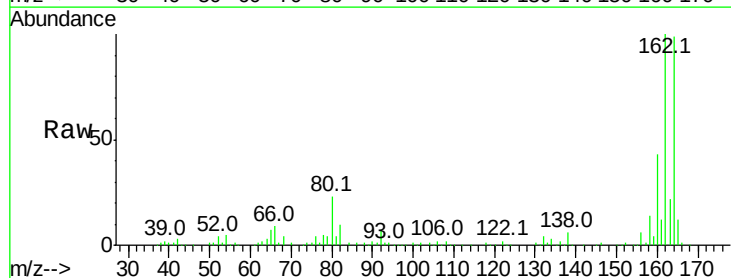
Tgt Ion:164 Resp: 229034

Ion Ratio Lower Upper

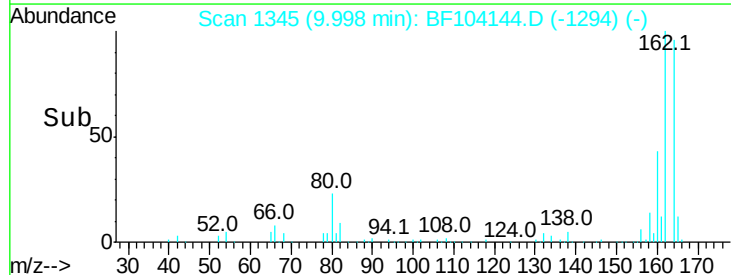
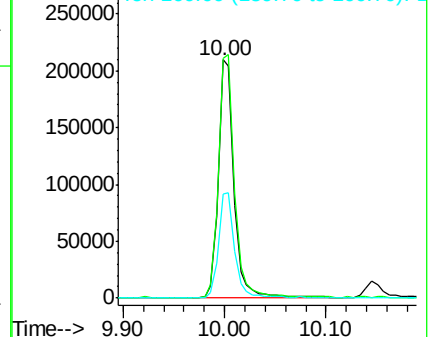
164 100

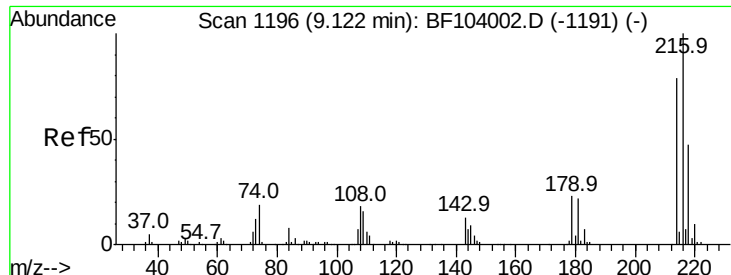
162 100.6 86.1 129.1

160 43.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.585 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249931

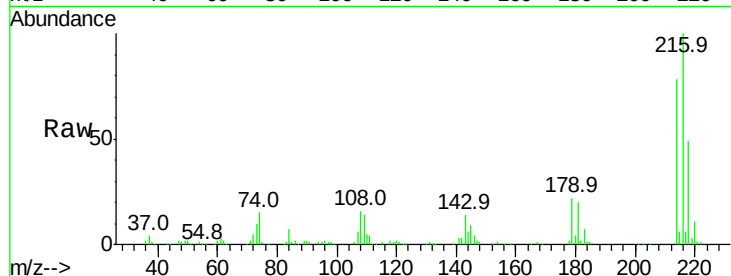
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.8 18.1 27.1

108 18.3 17.2 25.8

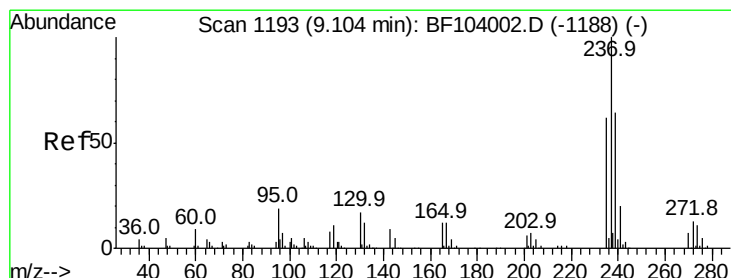
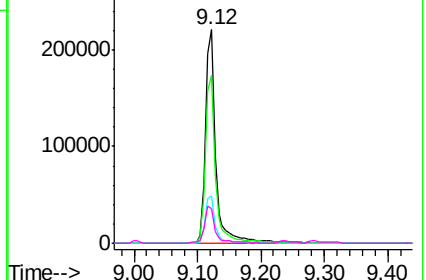
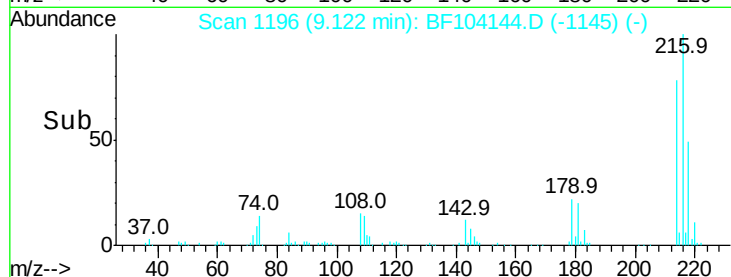


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.156 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

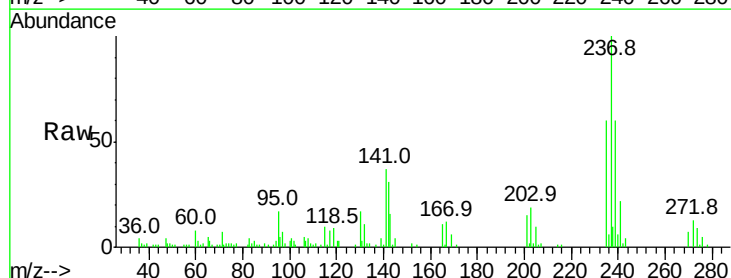
Tgt Ion:237 Resp: 34629

Ion Ratio Lower Upper

237 100

235 60.0 44.8 84.8

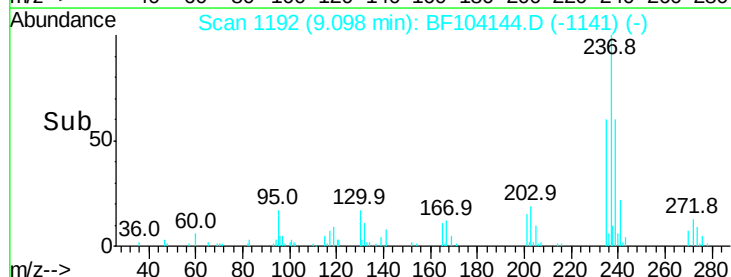
272 12.9 0.0 33.3



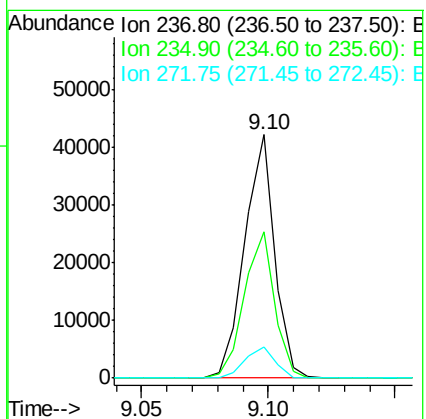
Abundance Ion 236.80 (236.50 to 237.50): E

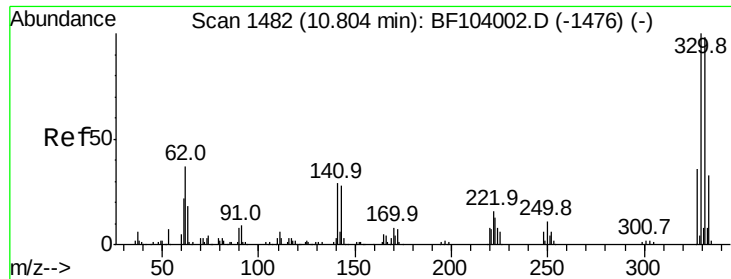
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

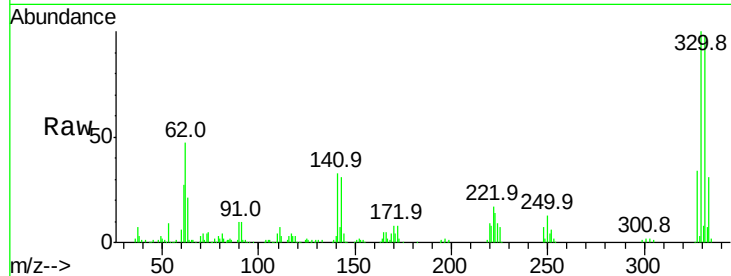




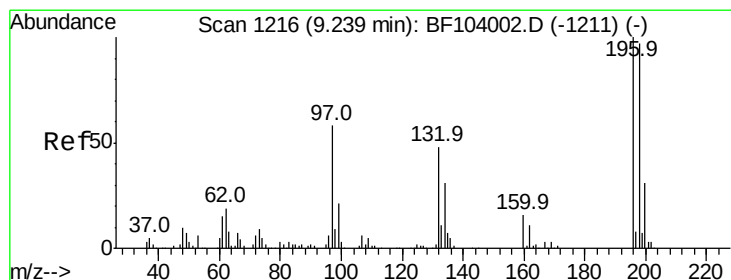
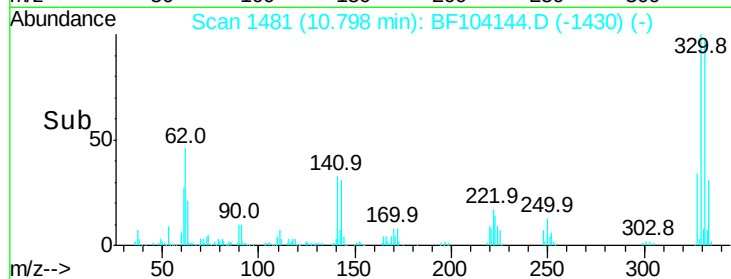
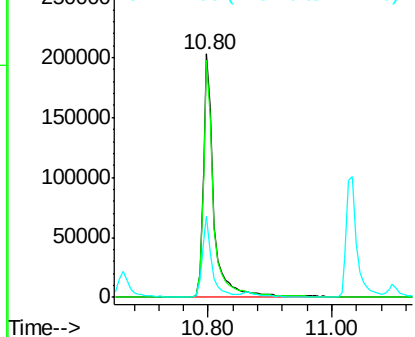
#41
 2,4,6-Tribromophenol
 Concen: 96.310 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 245618
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 29.9 29.9 44.9

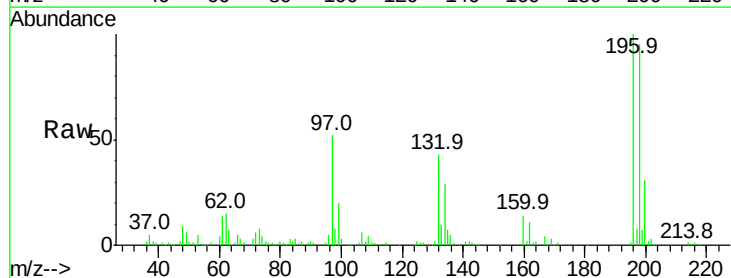


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

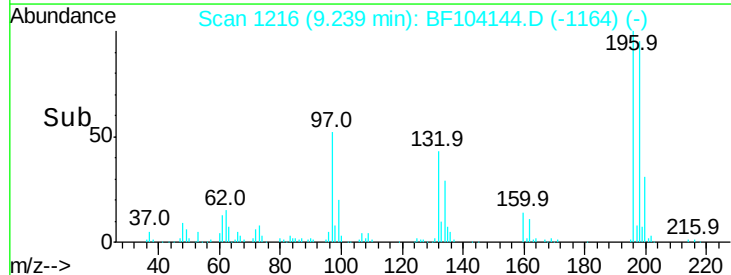
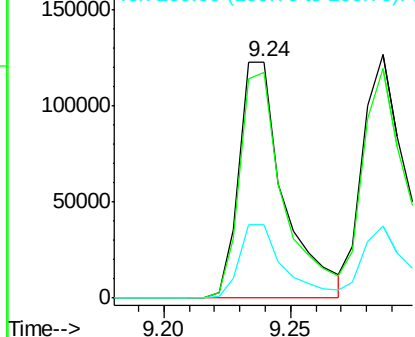


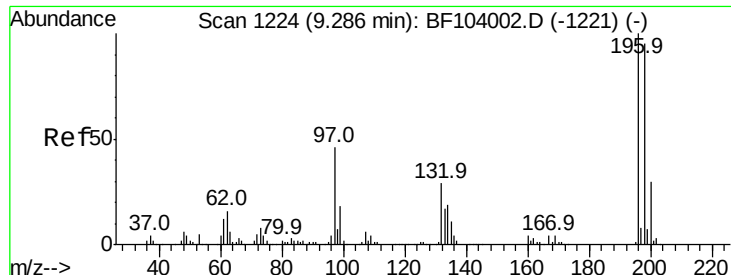
#42
 2,4,6-Trichlorophenol
 Concen: 34.103 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:196 Resp: 151668
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 31.2 24.5 36.7



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

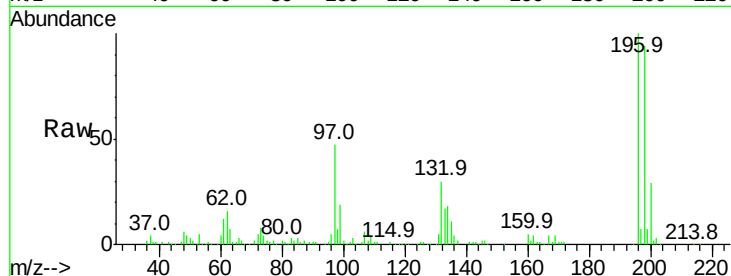




#43
 2,4,5-Trichlorophenol
 Concen: 33.165 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	178091
Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	47.2	42.9	64.3
132	29.7	26.3	39.5



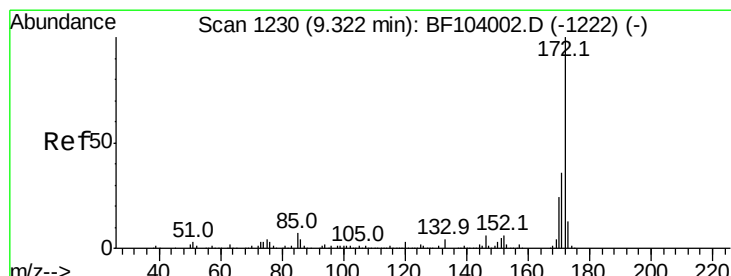
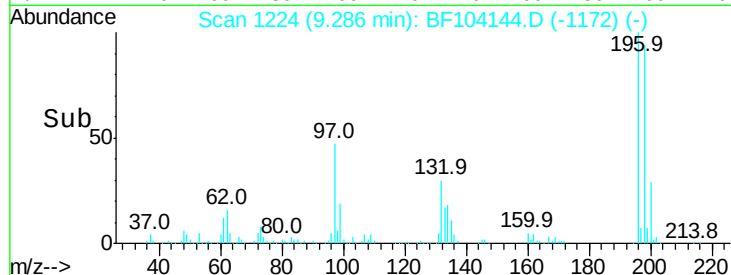
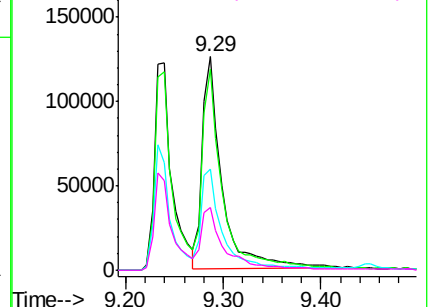
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

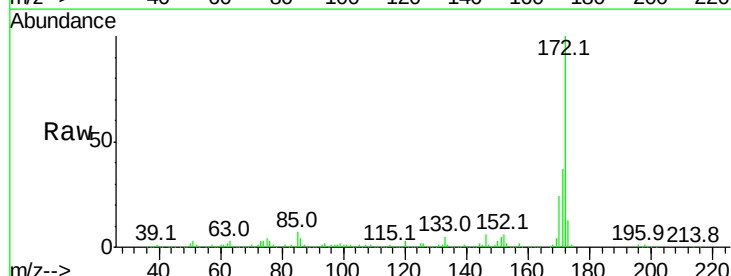
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.000 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:	172	Resp:	1089318
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

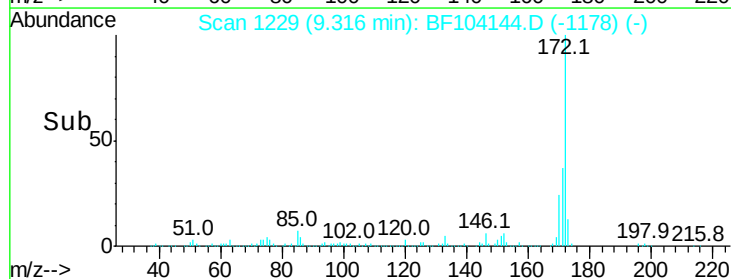
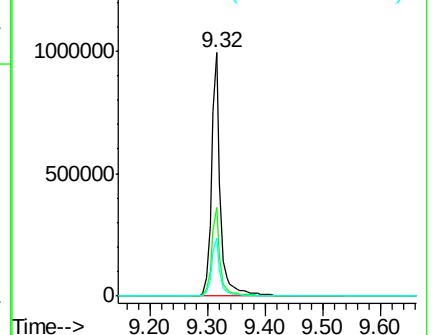


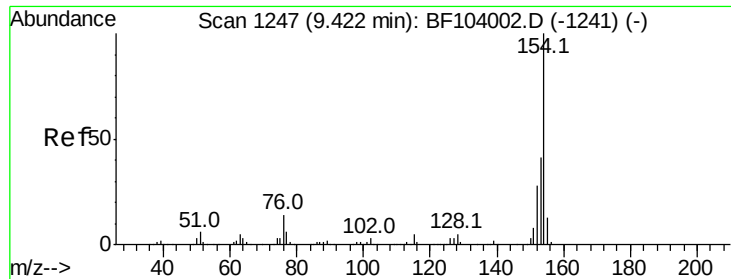
Abundance

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

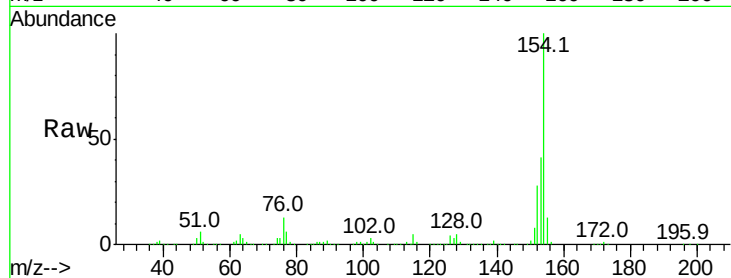




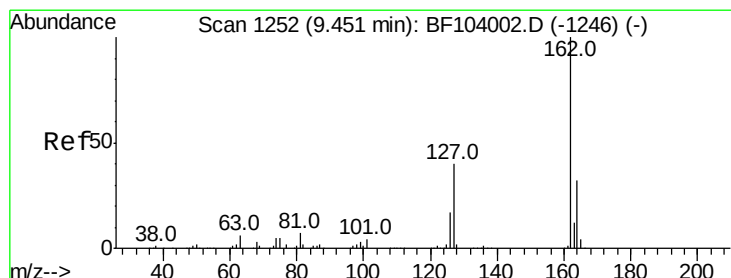
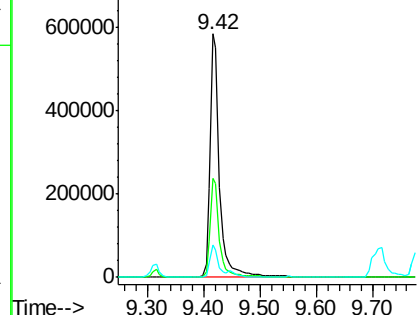
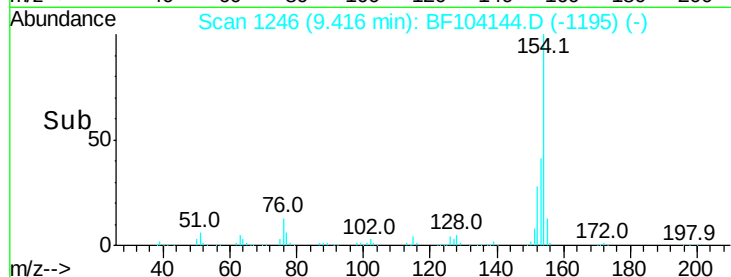
#45
 1,1'-Biphenyl
 Concen: 34.950 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 687029
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 13.3 0.0 34.0

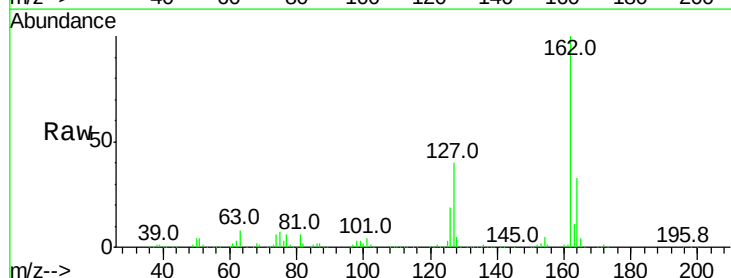


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

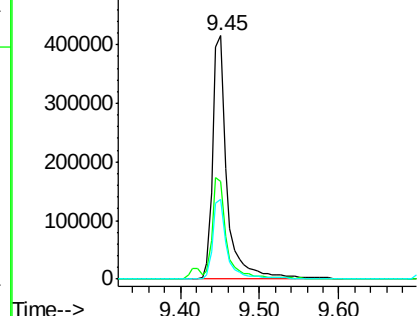
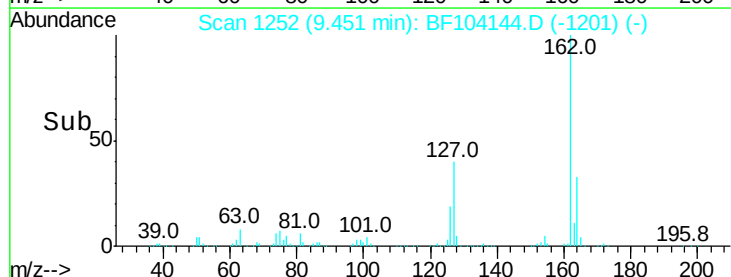


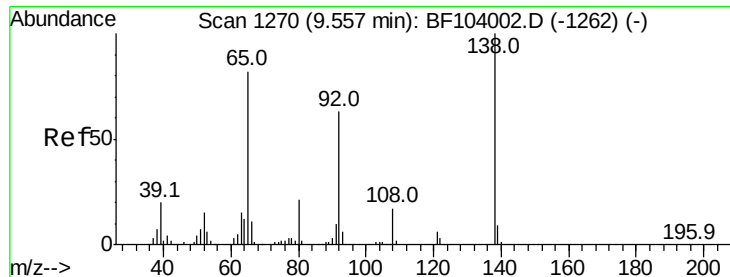
#46
 2-Chloronaphthalene
 Concen: 33.999 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:162 Resp: 527180
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.752 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

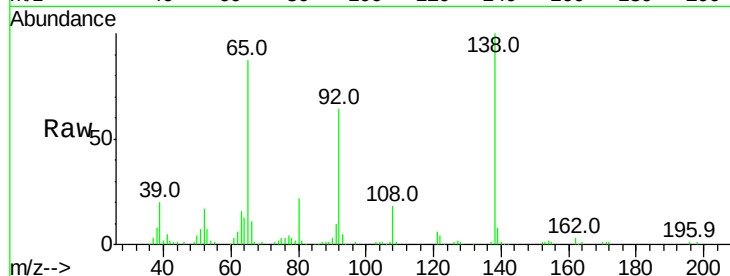
Tot Ion: 65 Resp: 149232

Ion Ratio Lower Upper

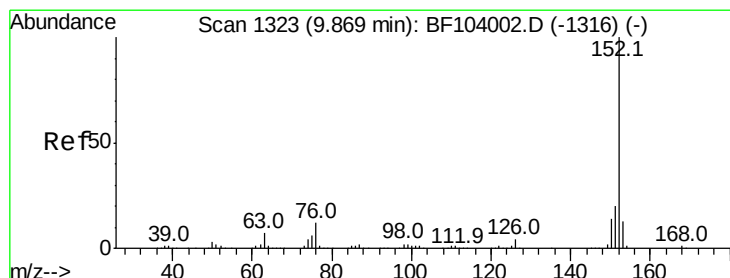
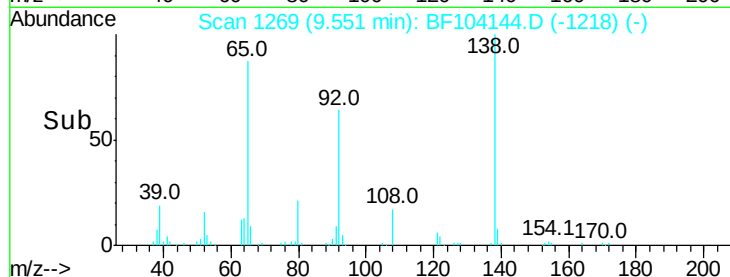
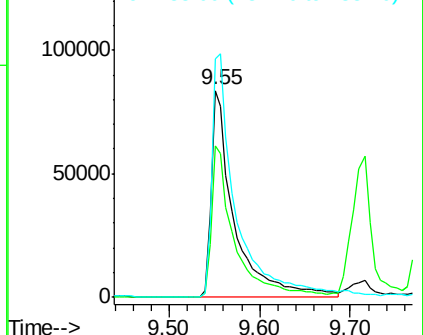
65 100

92 73.4 55.8 83.6

138 115.5 91.2 136.8



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



#48

Acenaphthylene

Concen: 33.018 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

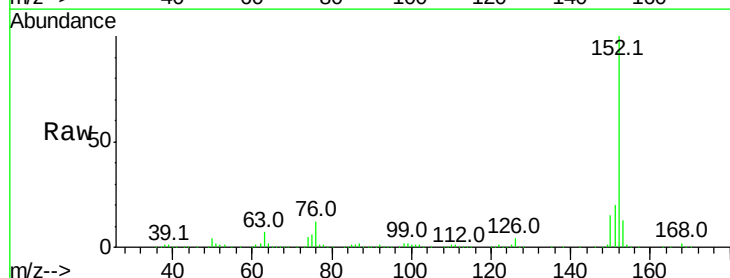
Tgt Ion:152 Resp: 775617

Ion Ratio Lower Upper

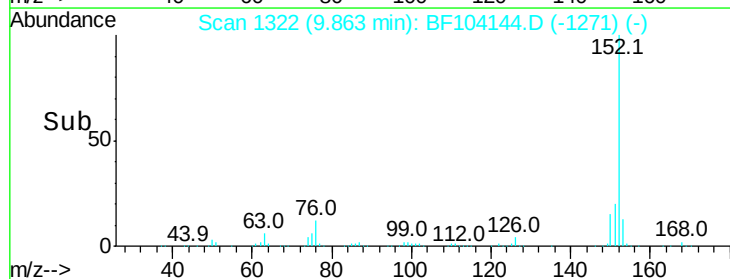
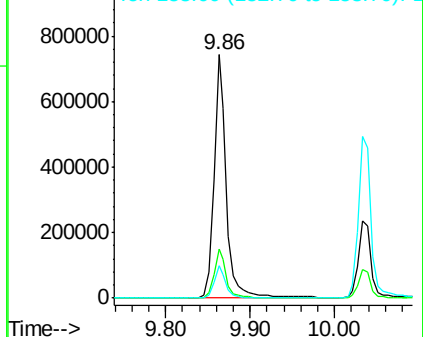
152 100

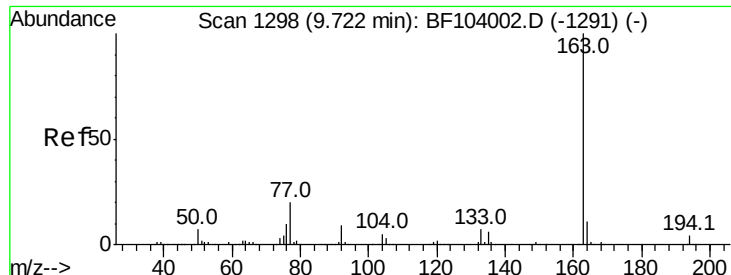
151 20.4 16.3 24.5

153 13.3 10.7 16.1



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

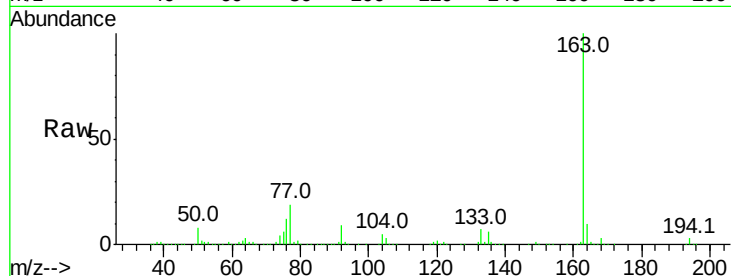




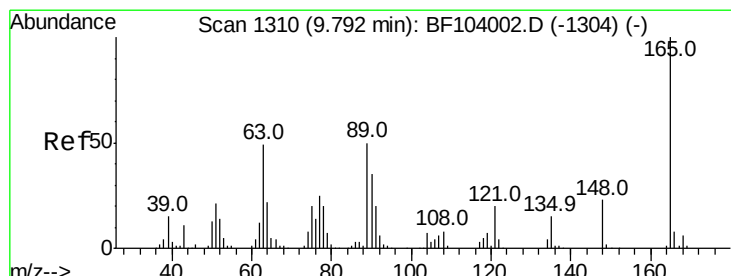
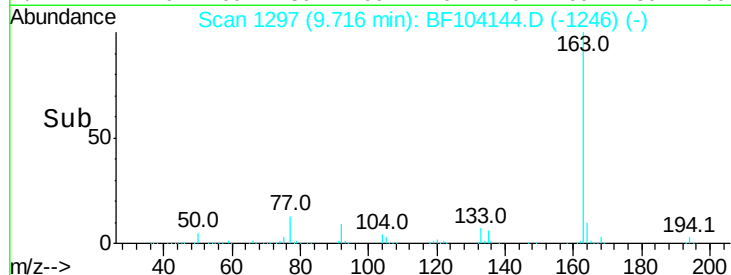
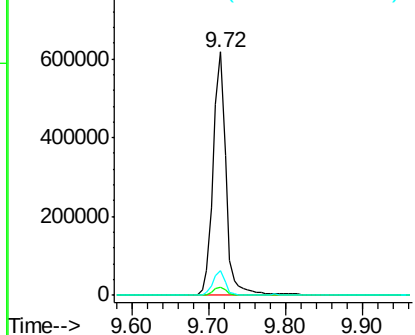
#49
Dimethylphthalate
Concen: 39.260 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 709934
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

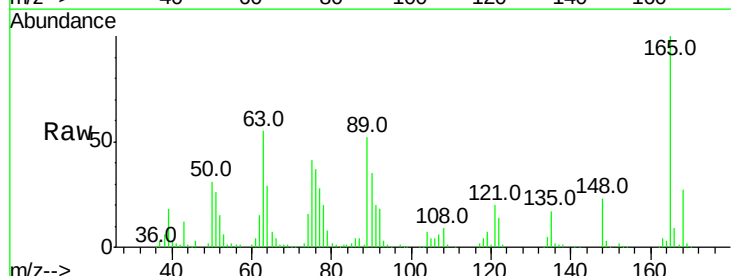


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

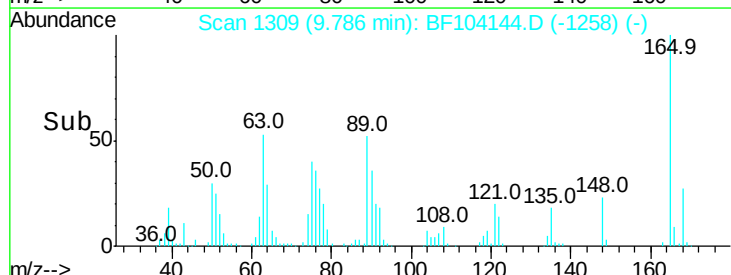
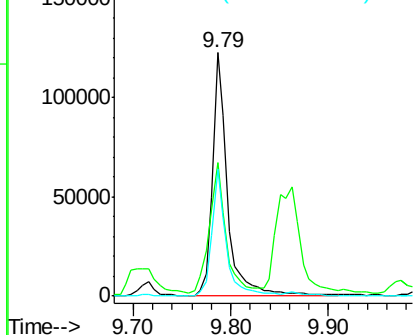


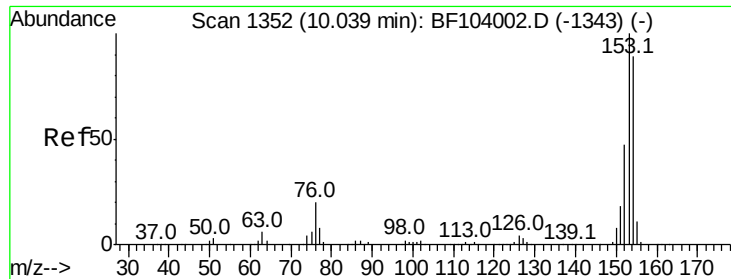
#50
2,6-Dinitrotoluene
Concen: 34.012 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:165 Resp: 132319
Ion Ratio Lower Upper
165 100
63 54.9 44.7 67.1
89 52.4 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: 32.097 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

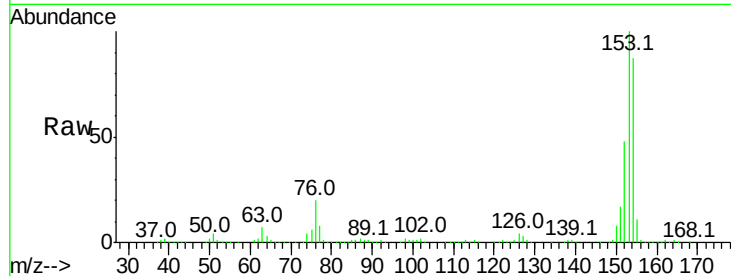
Tot Ion:154 Resp: 436171

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

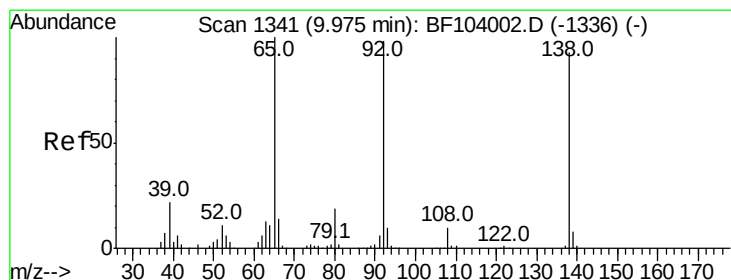
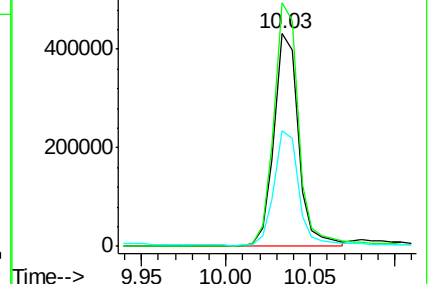
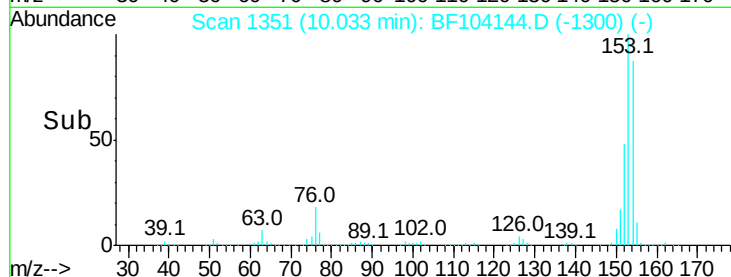
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.638 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

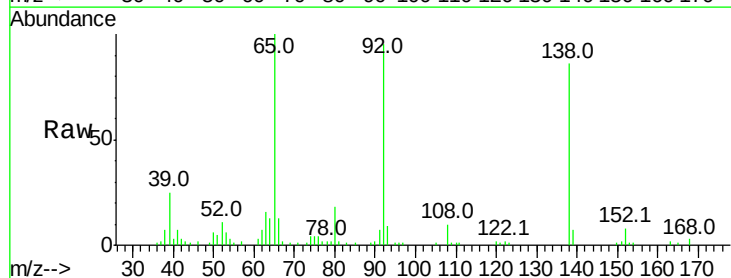
Tgt Ion:138 Resp: 87826

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

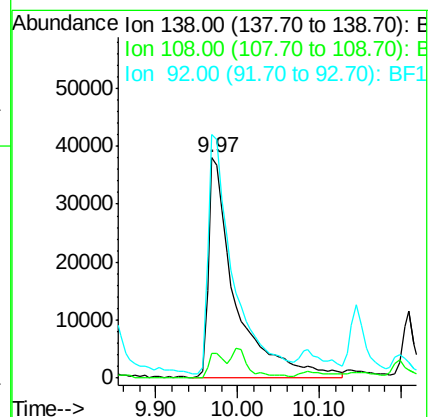
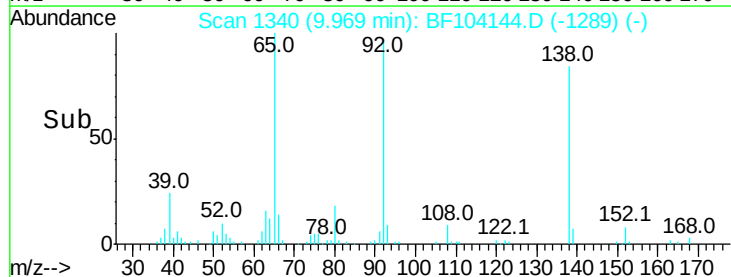
92 110.5 89.4 134.2

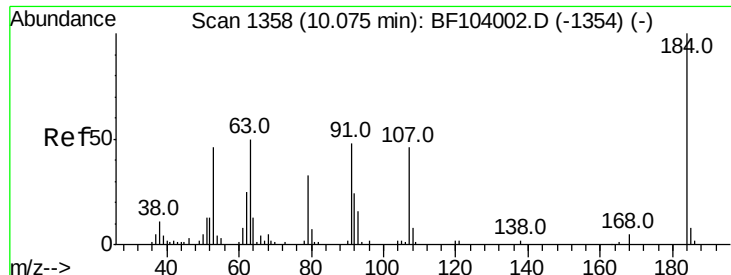


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

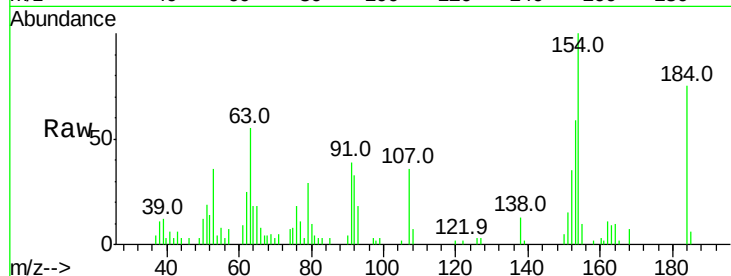




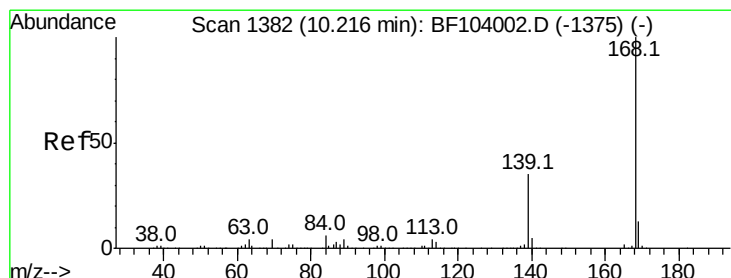
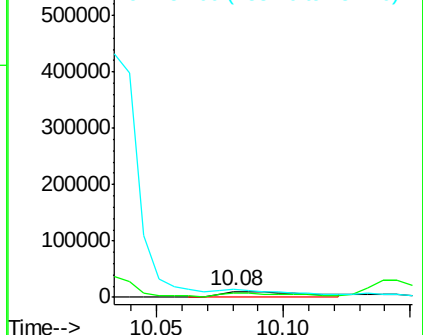
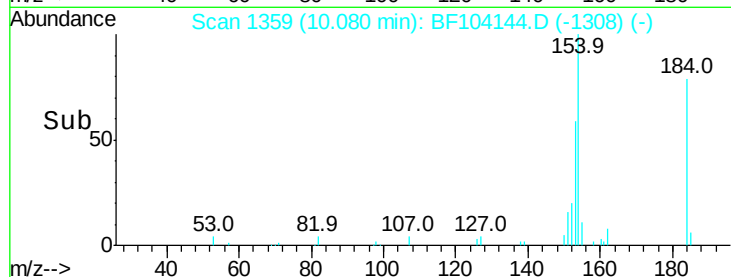
#53
 2,4-Dinitrophenol
 Concen: 18.397 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 23413
 Ion Ratio Lower Upper
 184 100
 63 73.1 54.2 81.2
 154 133.1 184.0 276.0#

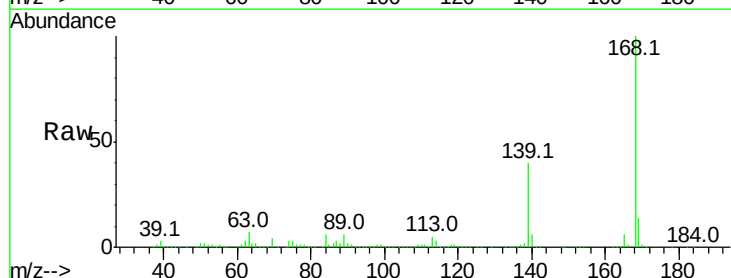


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

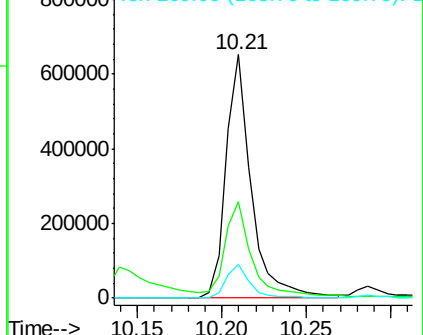
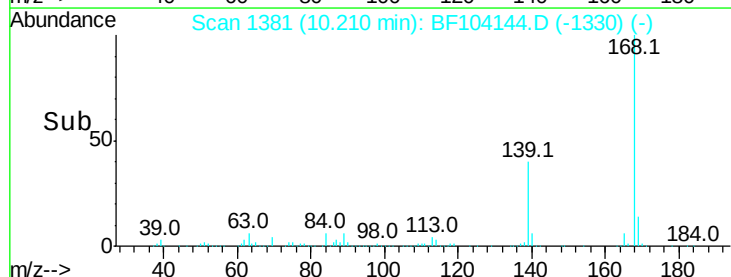


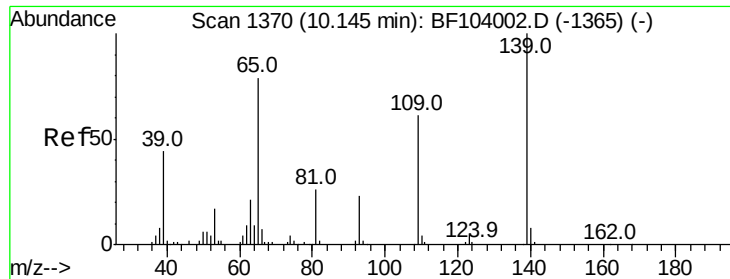
#54
 Dibenzofuran
 Concen: 34.251 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:168 Resp: 679687
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

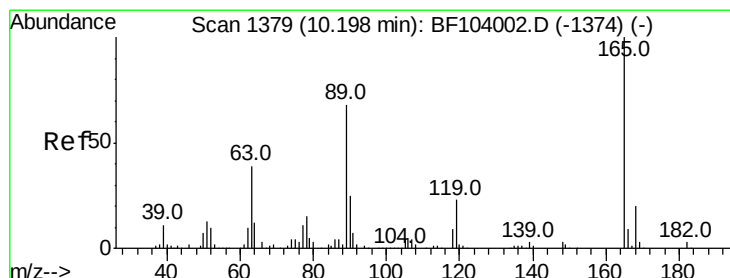
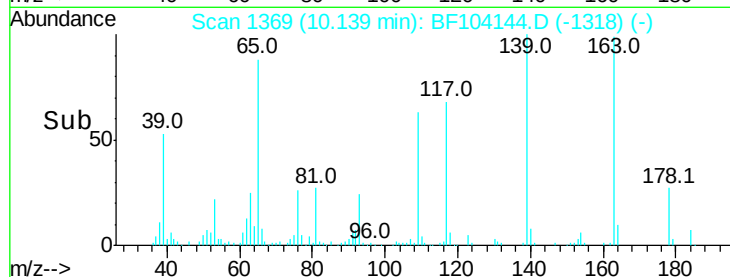
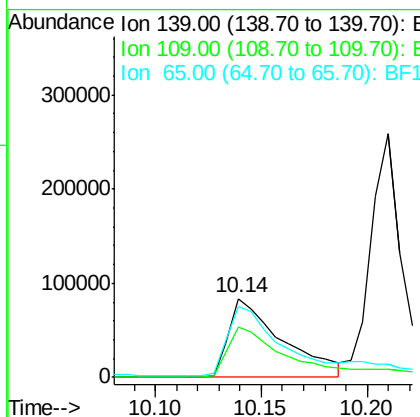
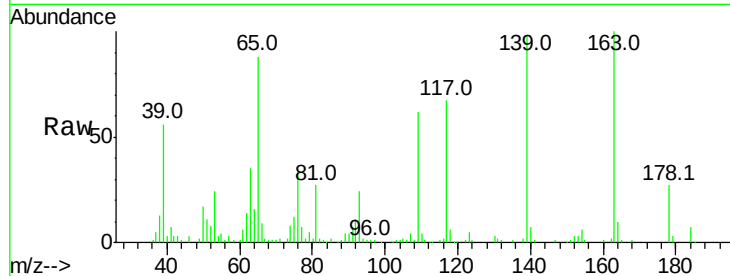




#55
4-Nitrophenol
Concen: 54.669 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

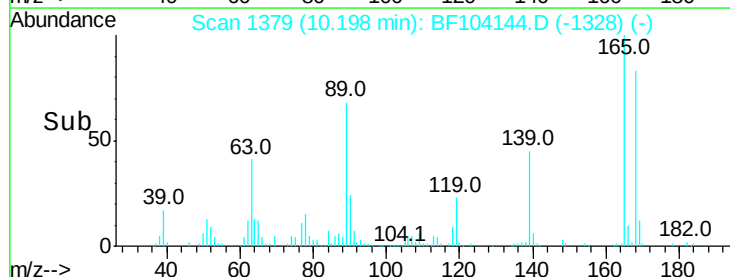
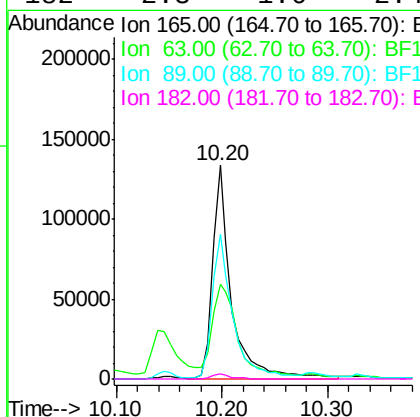
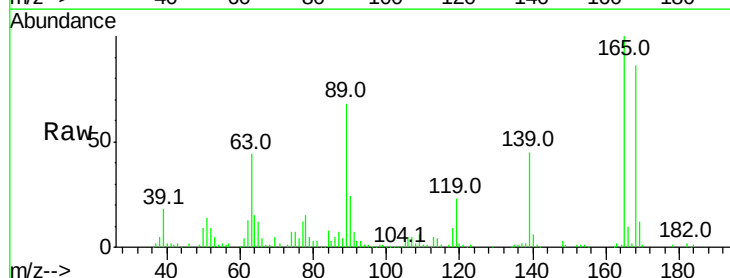
Instrument :
BNA_F
ClientSampleId :

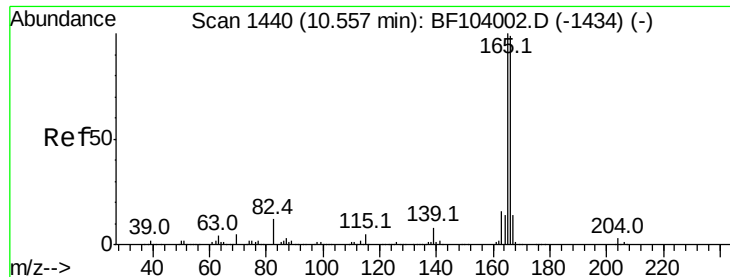
Tot Ion:139 Resp: 146596
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 89.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.414 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:165 Resp: 165875
Ion Ratio Lower Upper
165 100
63 44.2 36.4 54.6
89 67.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 33.529 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

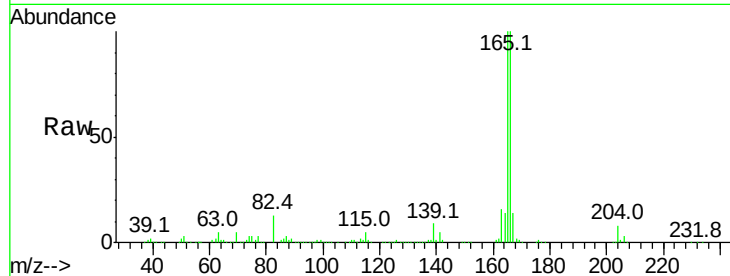
Tot Ion:166 Resp: 548848

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

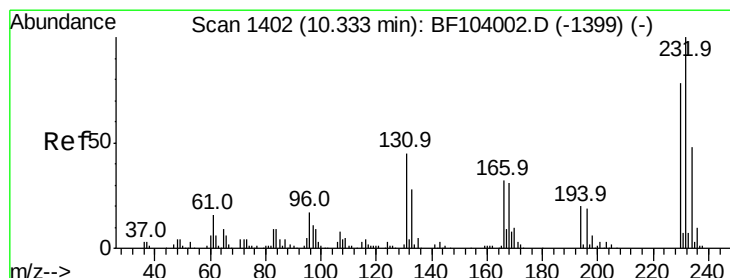
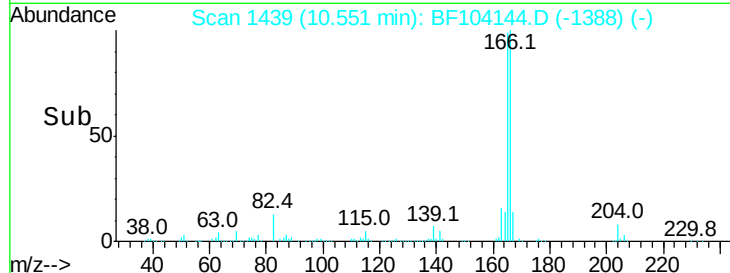
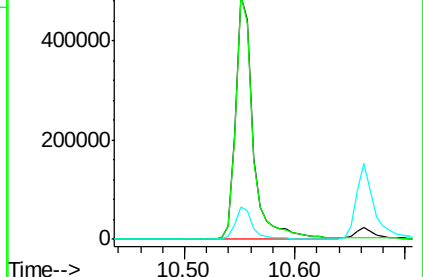
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.365 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:232 Resp: 150324

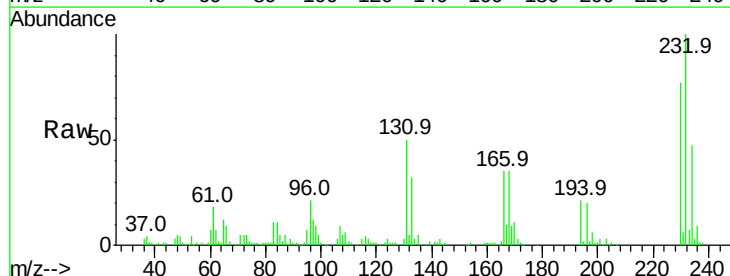
Ion Ratio Lower Upper

232 100

131 40.1 43.8 65.8#

130 2.0 2.1 3.1#

166 27.1 27.8 41.6#

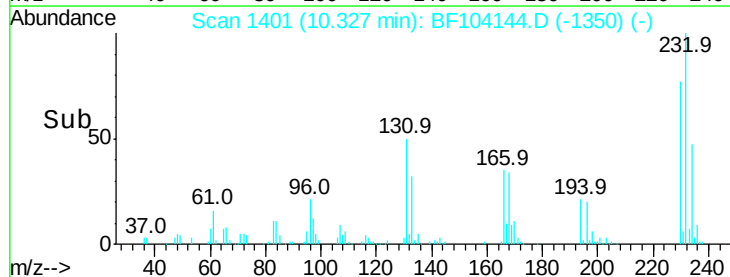
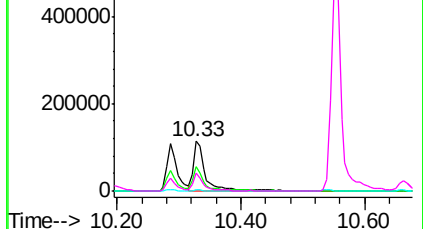


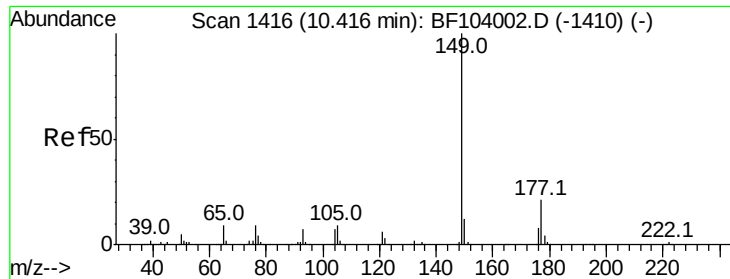
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

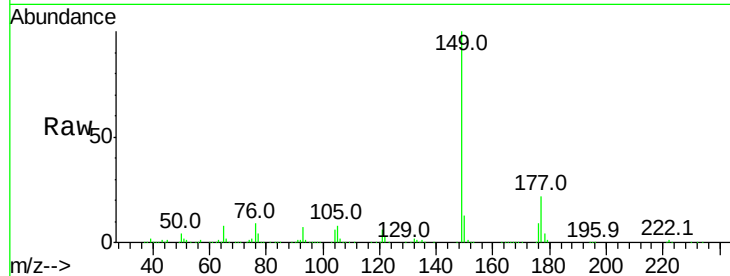




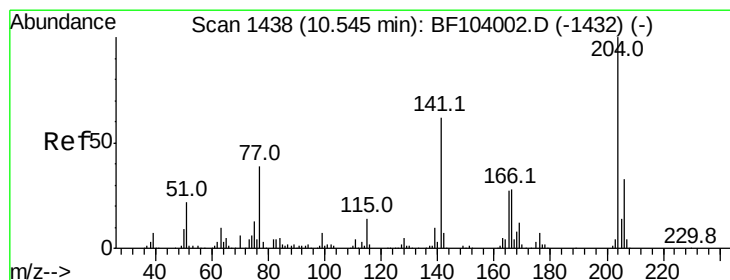
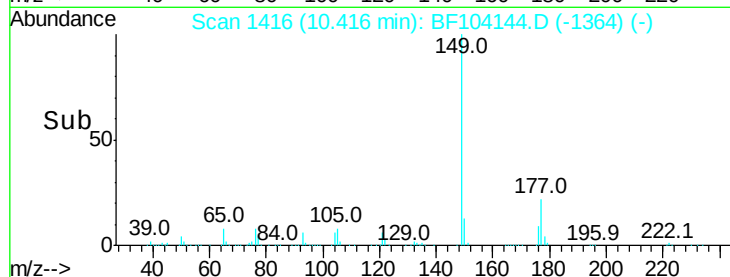
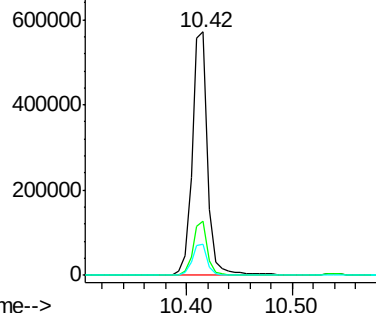
#59
Diethylphthalate
Concen: 33.818 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 585839
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.6 10.1 15.1

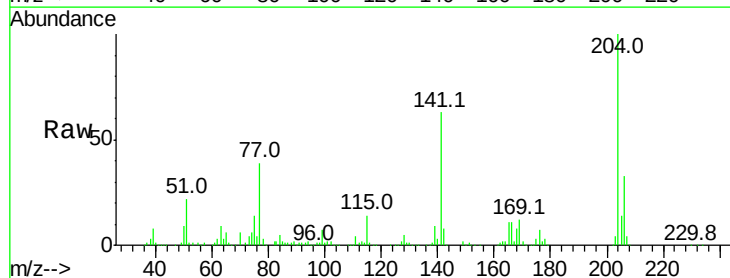


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

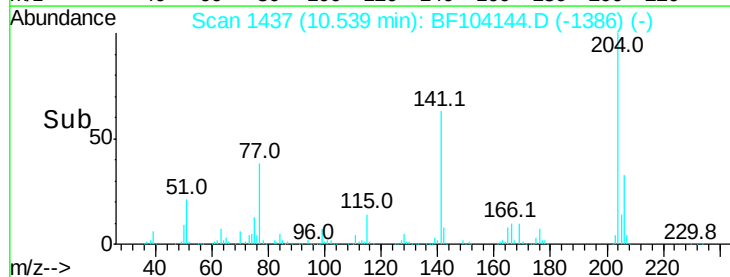
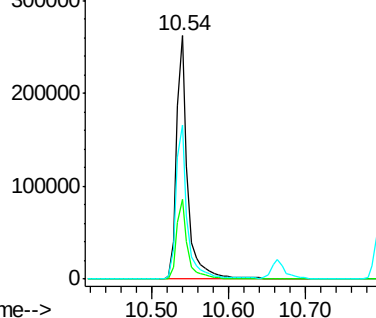


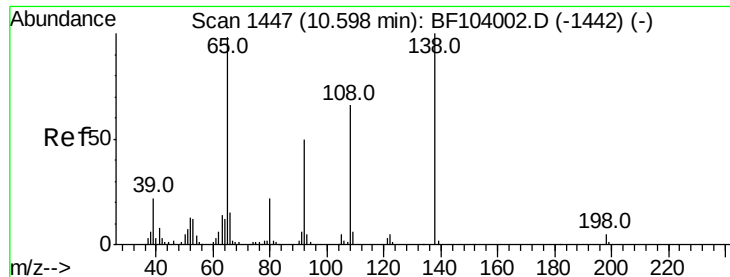
#60
4-Chlorophenyl-phenylether
Concen: 35.106 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:204 Resp: 263937
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

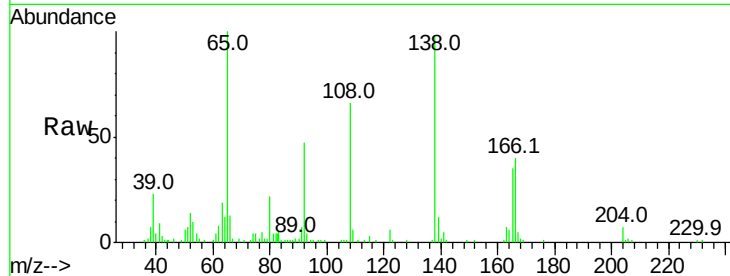




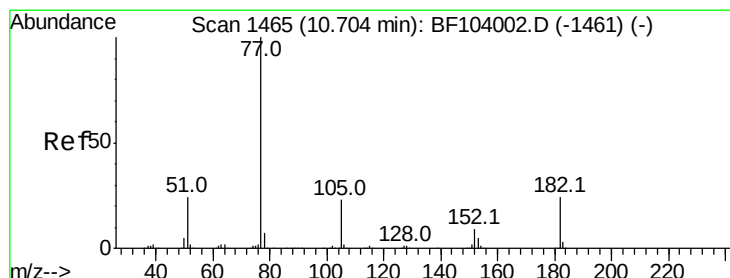
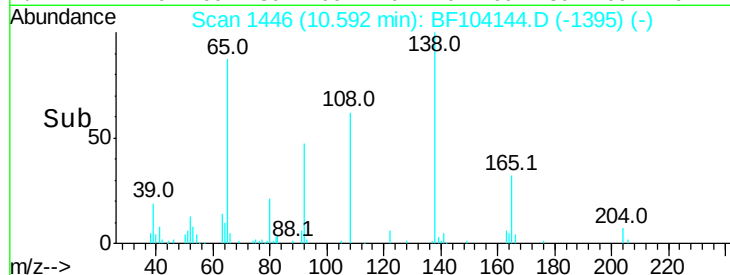
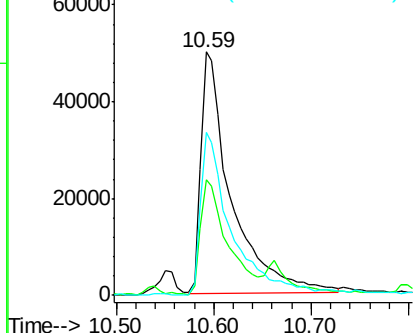
#61
4-Nitroaniline
Concen: 25.607 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 107153
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 67.0 52.5 92.5

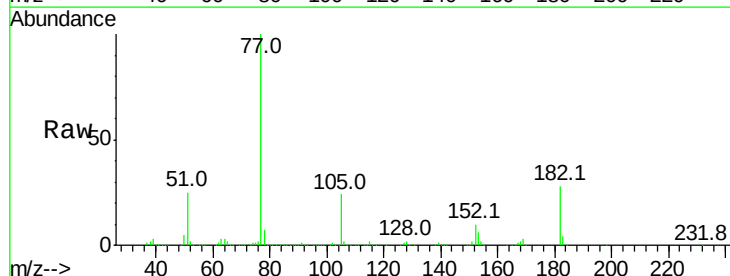


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

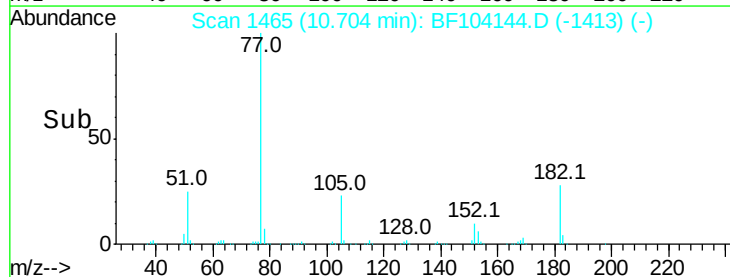
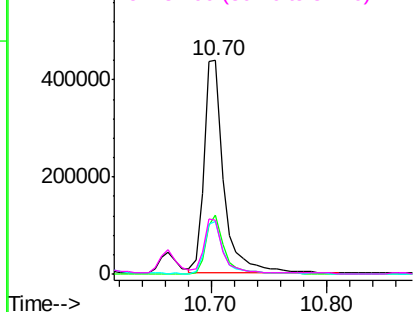


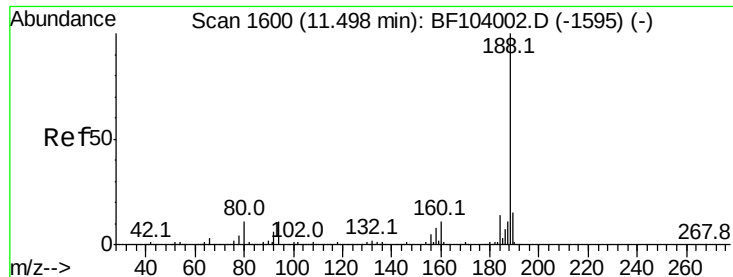
#62
Azobenzene
Concen: 33.503 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion: 77 Resp: 524802
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 24.4 3.0 43.0
51 25.0 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

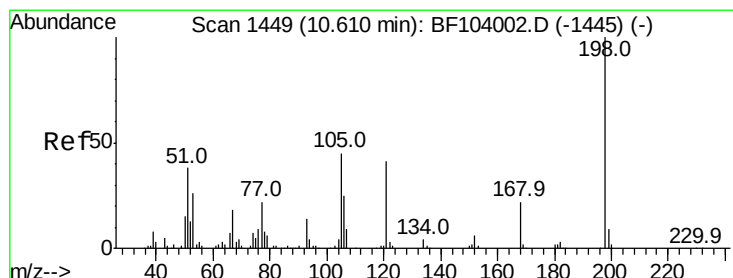
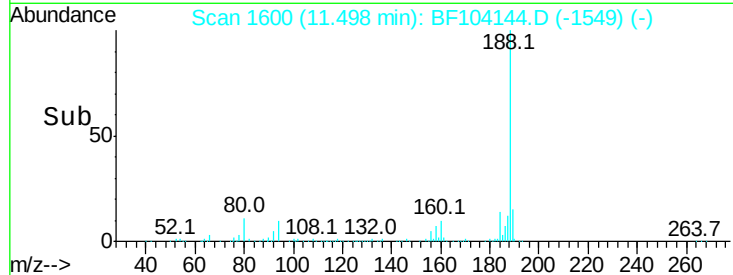
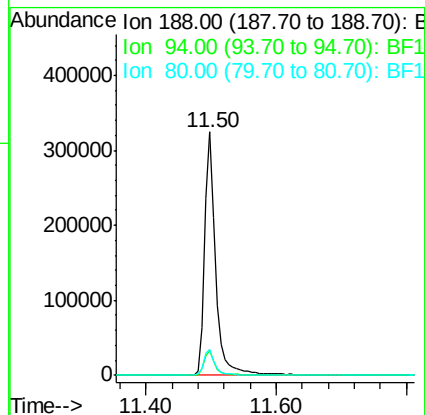
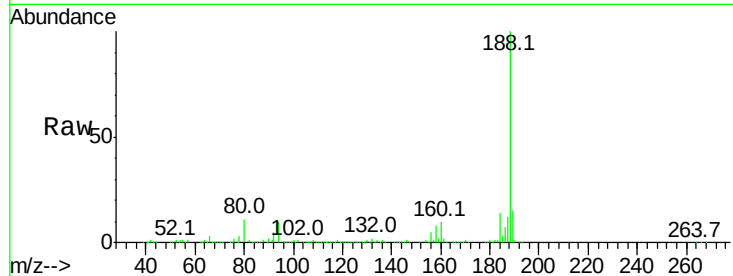




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

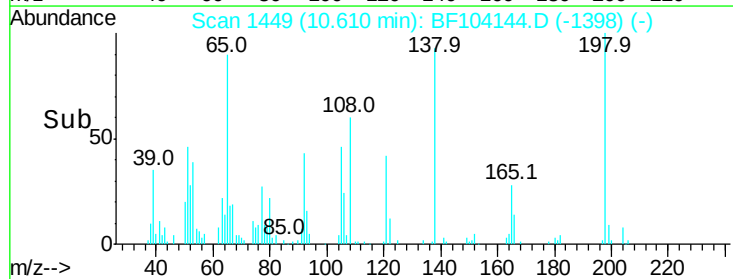
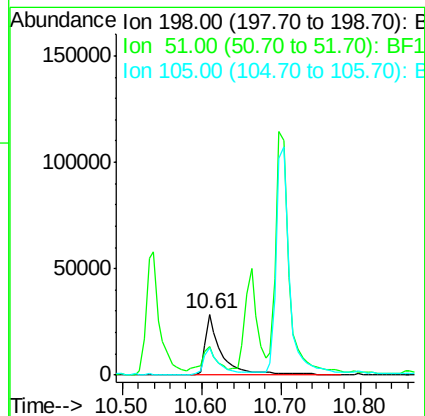
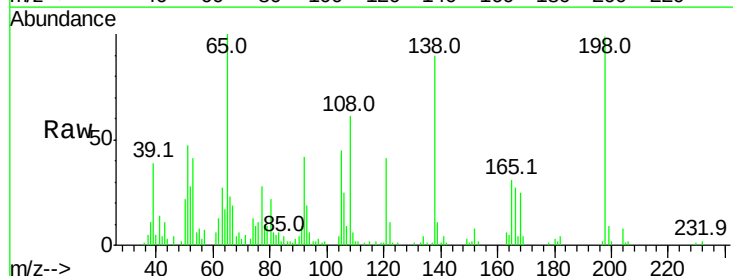
Instrument :
 BNA_F
 ClientSampleId :

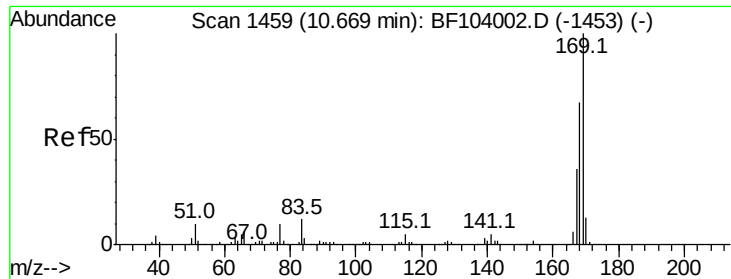
Tot Ion:188 Resp: 382463
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.097 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:198 Resp: 41897
 Ion Ratio Lower Upper
 198 100
 51 47.1 37.7 77.7
 105 45.8 36.3 76.3

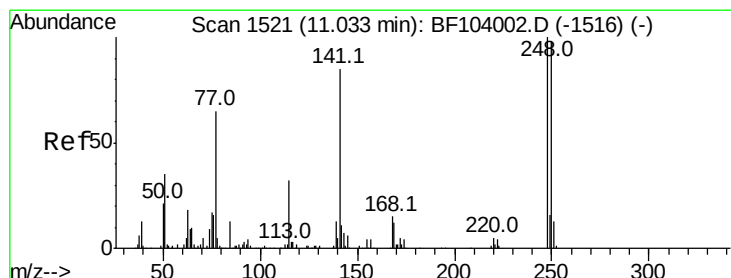
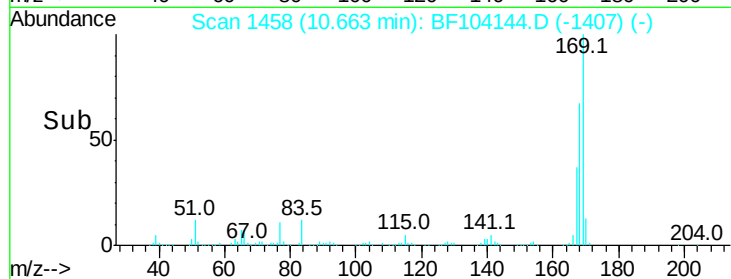
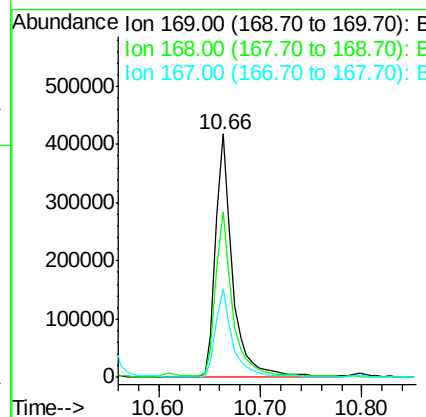
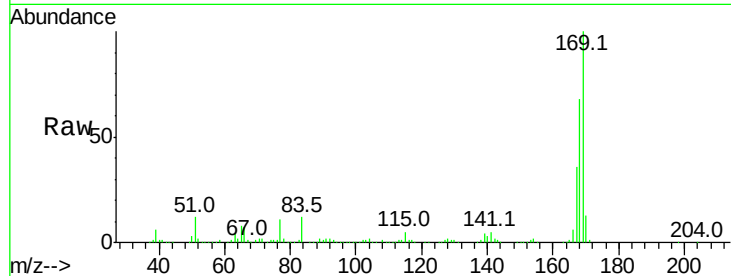




#65
 n-Nitrosodiphenylamine
 Concen: 37.780 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

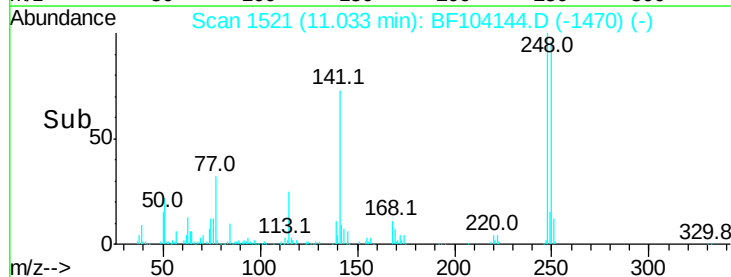
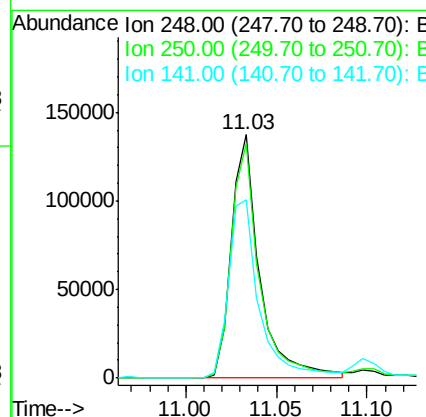
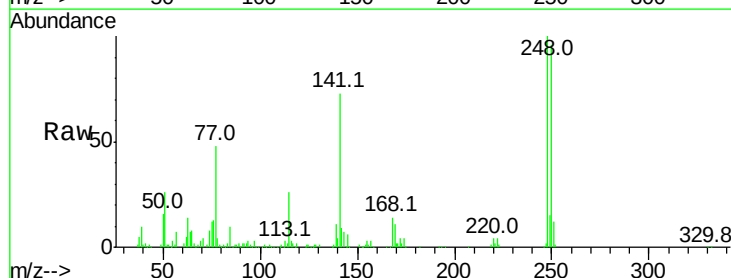
Instrument :
 BNA_F
 ClientSampleId :

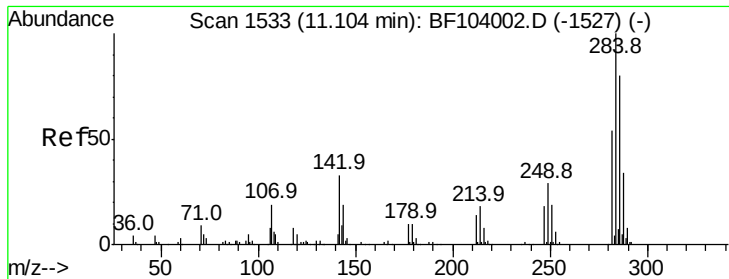
Tot Ion:169 Resp: 489357
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.678 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:248 Resp: 150080
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 73.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 34.280 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

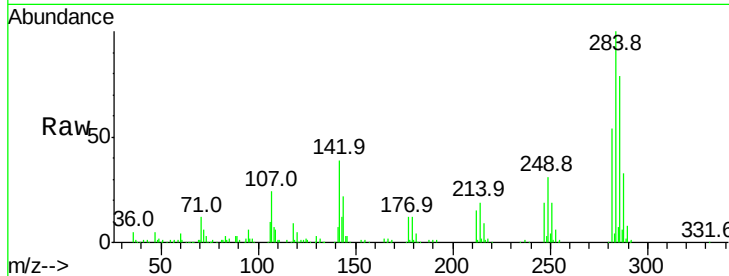
Tot Ion:284 Resp: 161350

Ion Ratio Lower Upper

284 100

142 39.1 34.6 52.0

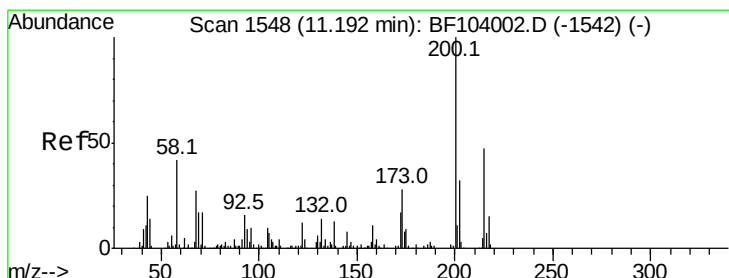
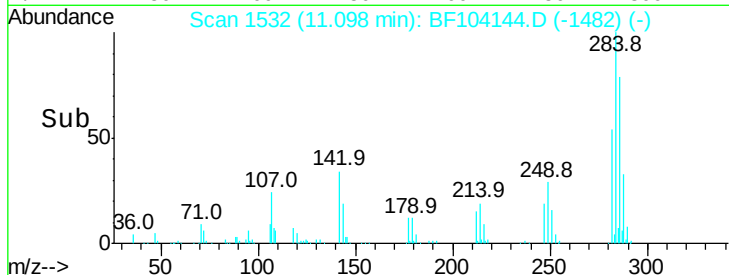
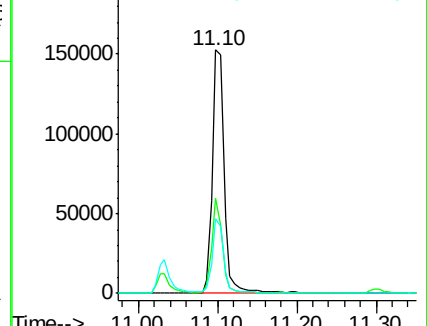
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.549 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

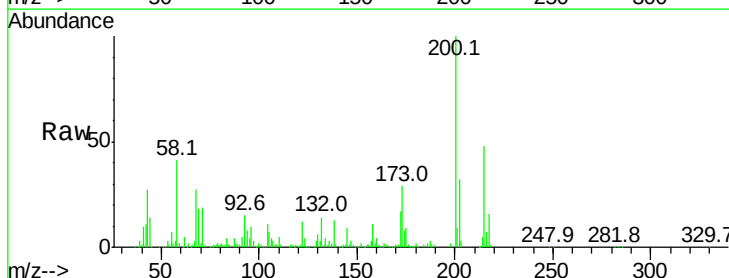
Tgt Ion:200 Resp: 148999

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

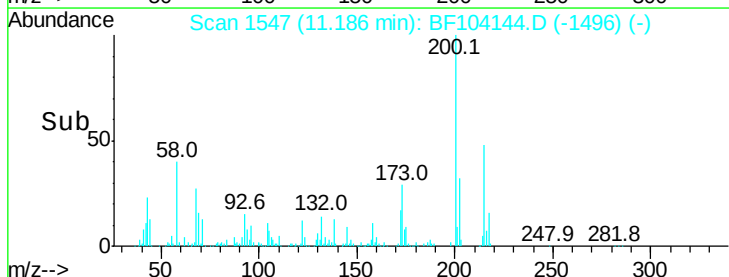
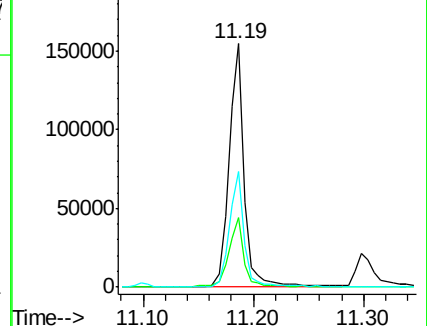
215 47.7 25.1 65.1

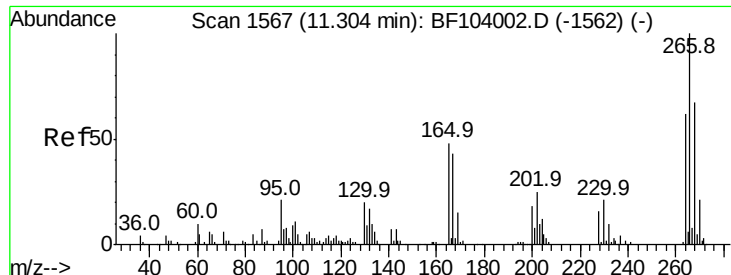


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

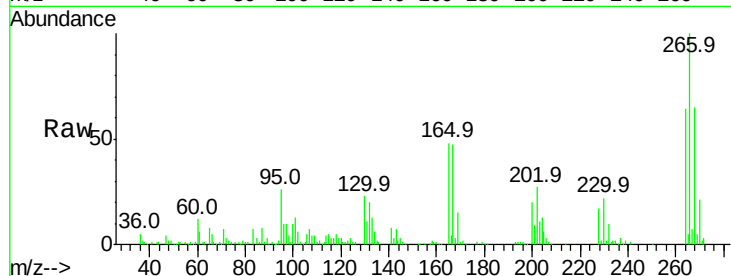




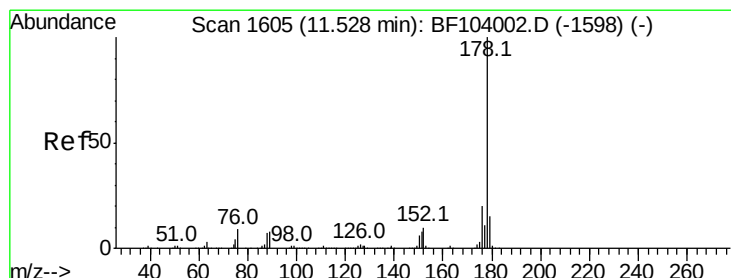
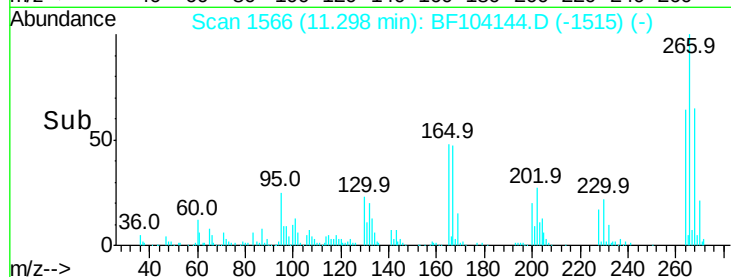
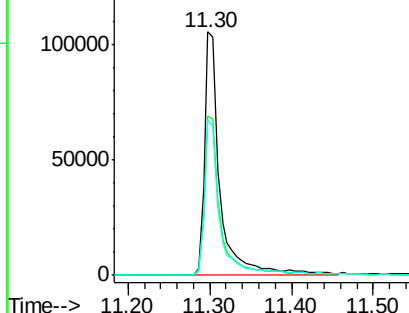
#69
 Pentachlorophenol
 Concen: 54.650 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 141546
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 64.0 49.5 74.3

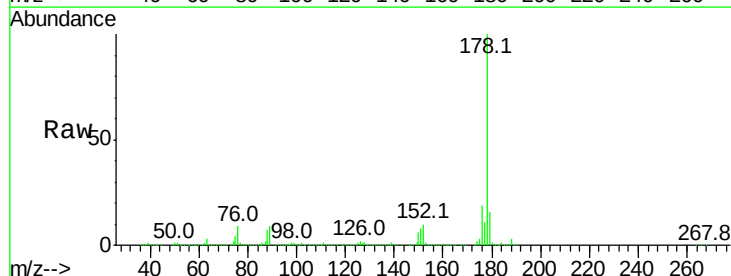


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

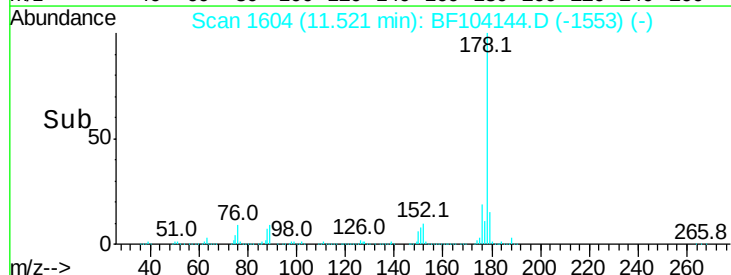
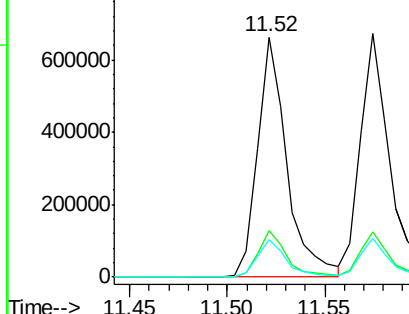


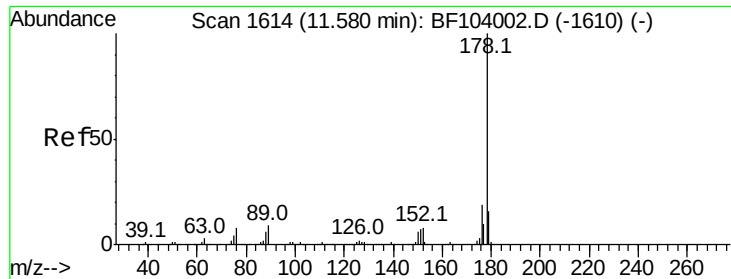
#70
 Phenanthrene
 Concen: 33.369 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:178 Resp: 690962
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 13.0 19.6



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

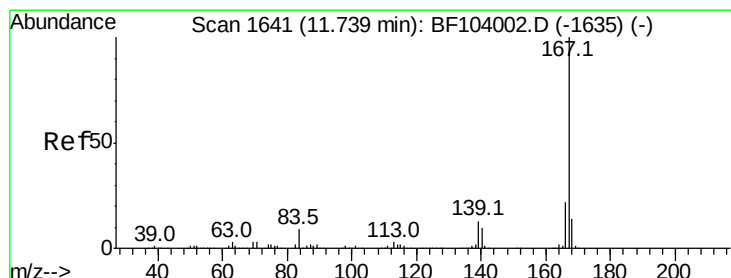
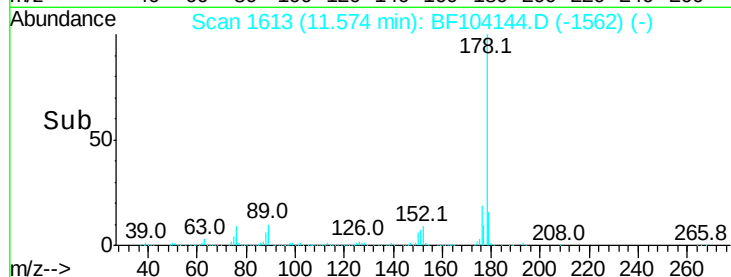
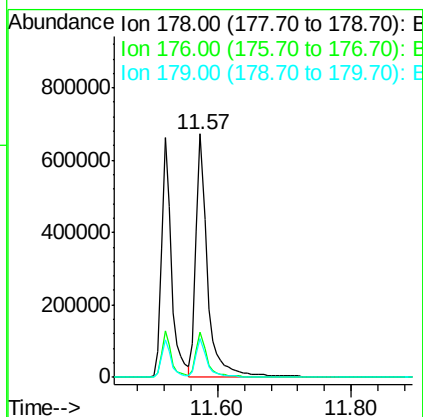
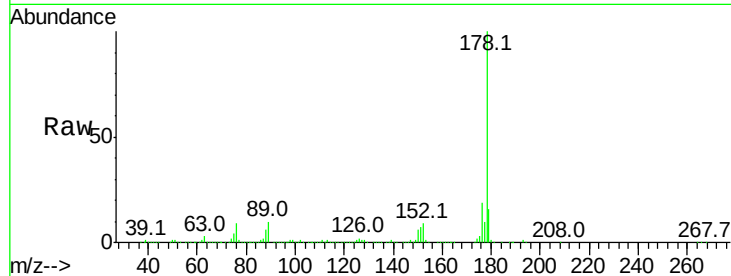




#71
 Anthracene
 Concen: 36.080 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

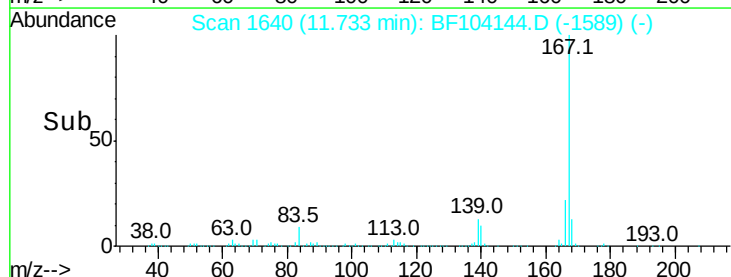
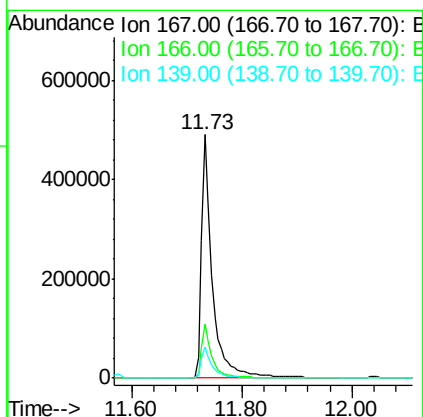
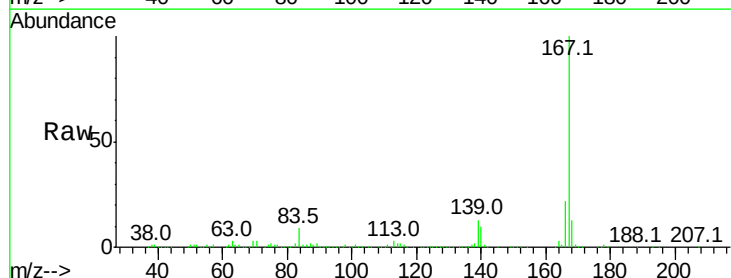
Instrument :
 BNA_F
 ClientSampleId :

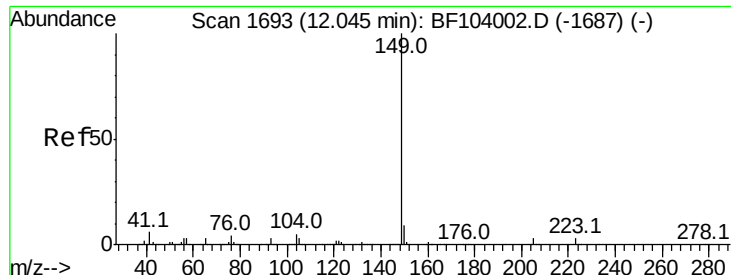
Tot Ion:178 Resp: 780372
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 32.421 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:167 Resp: 669279
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.643 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

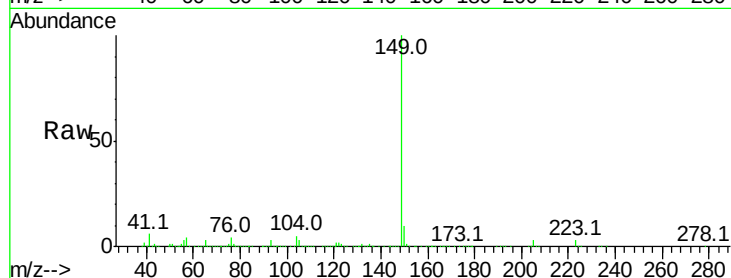
Tot Ion:149 Resp: 876436

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

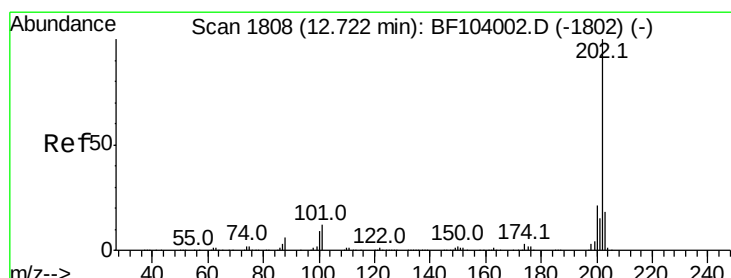
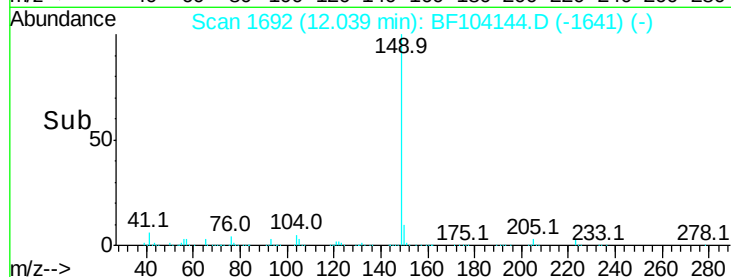
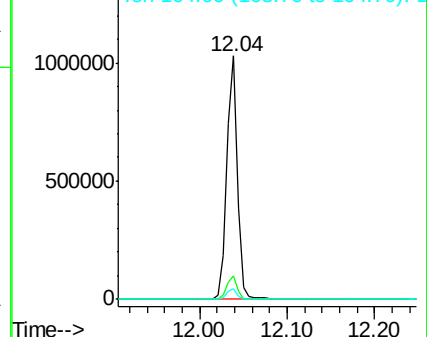
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.421 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

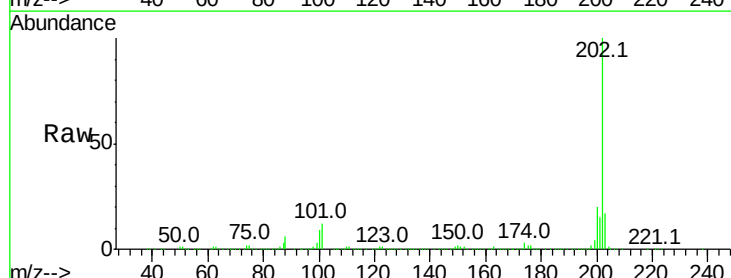
Tgt Ion:202 Resp: 625561

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

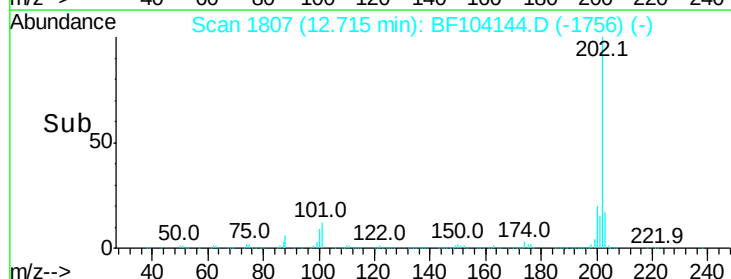
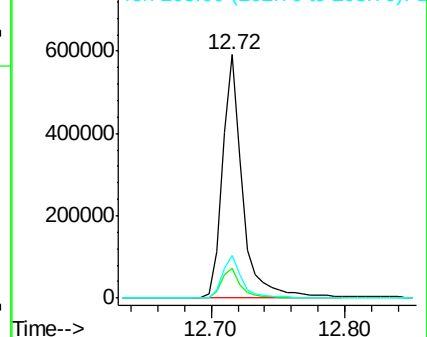
203 17.4 0.0 38.1

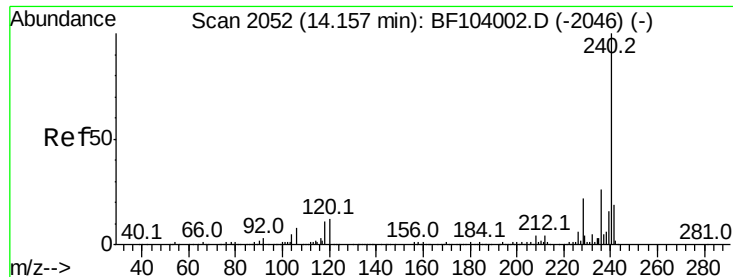


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

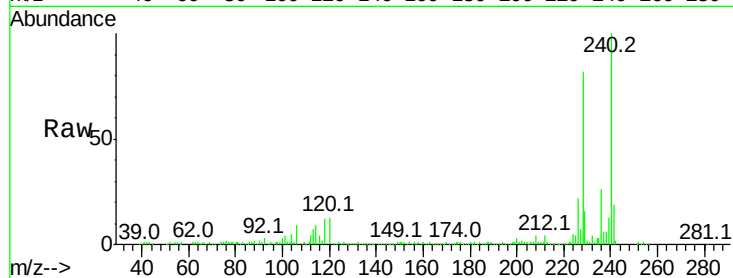
Tot Ion:240 Resp: 238662

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

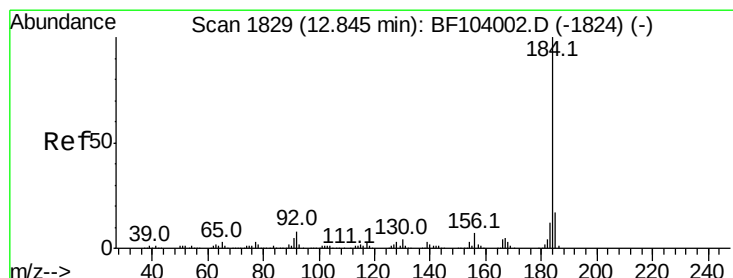
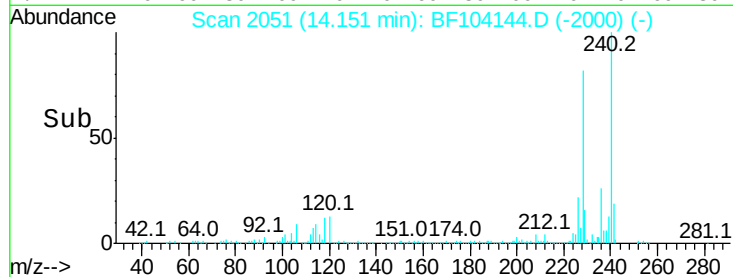
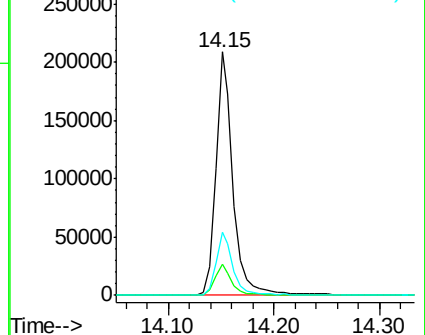
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.046 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

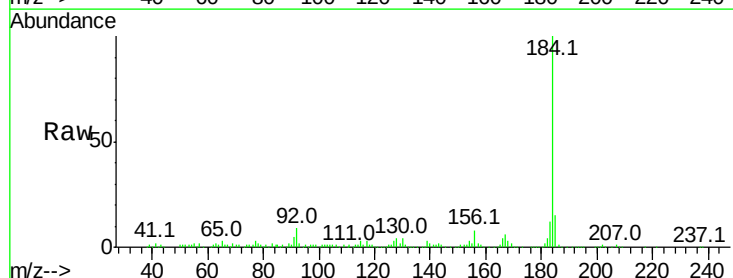
Tgt Ion:184 Resp: 306373

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

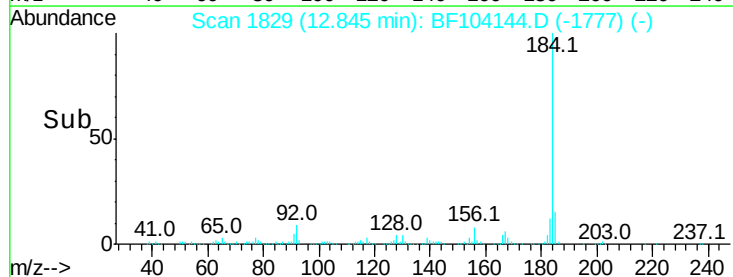
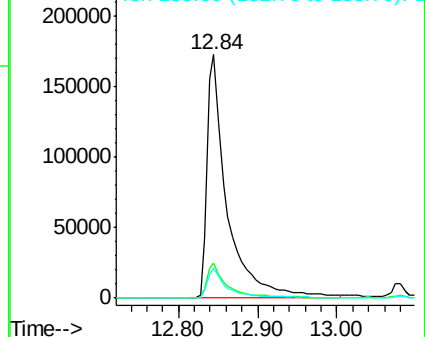
183 12.2 9.3 13.9

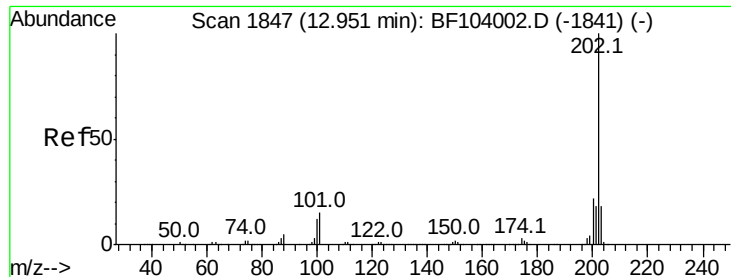


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

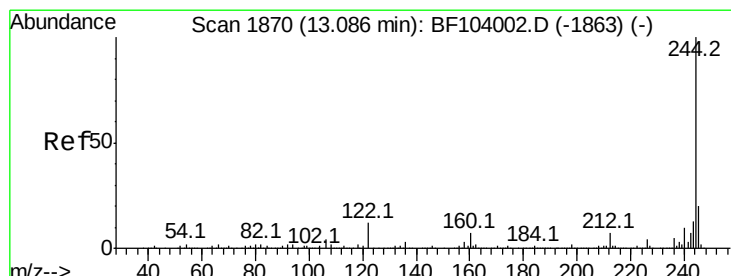
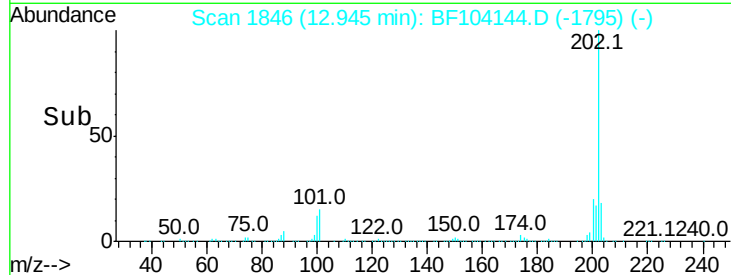
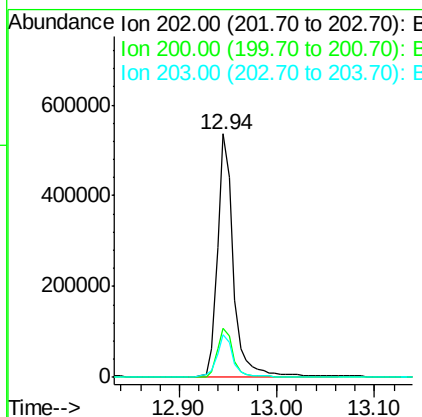
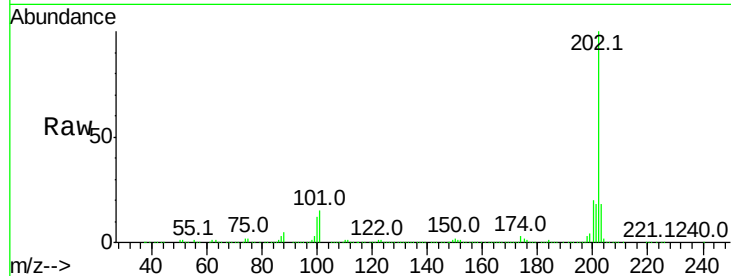




#77
Pvrene
Concen: 35.071 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

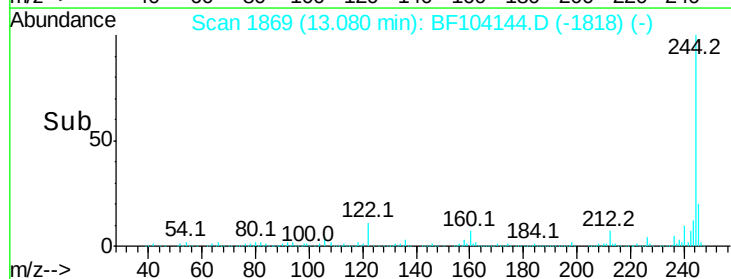
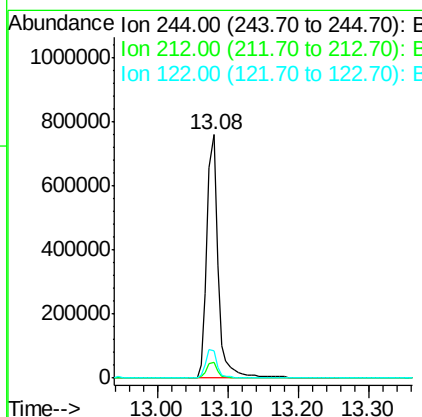
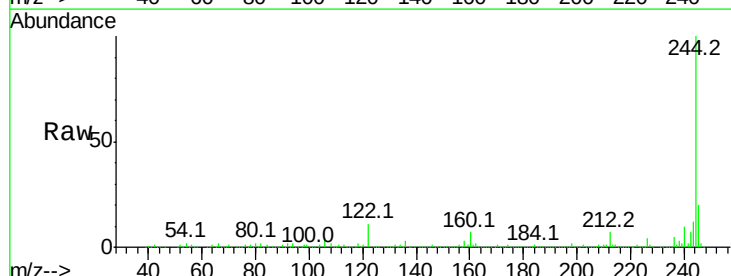
Instrument :
BNA_F
ClientSampleId :

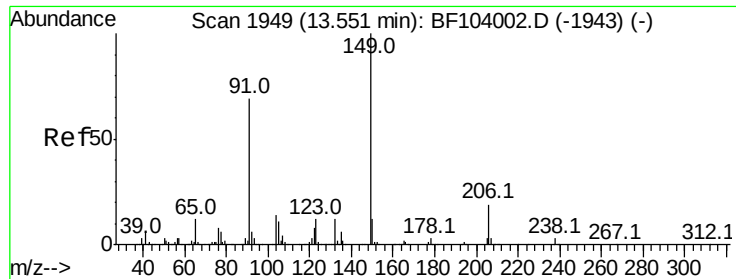
Tot Ion:202 Resp: 601696
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 82.129 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:244 Resp: 848916
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.3 11.0 16.4

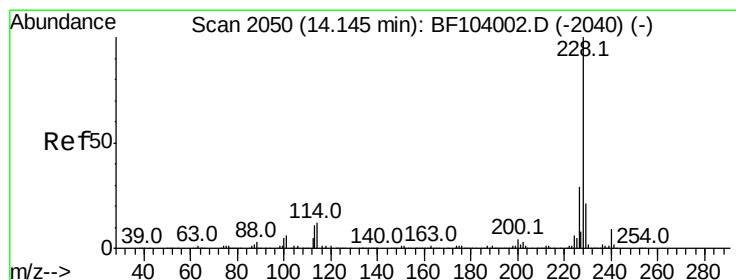
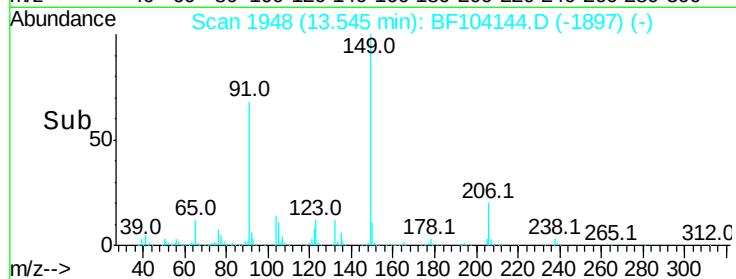
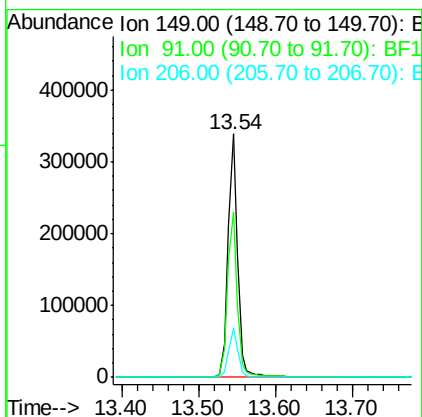
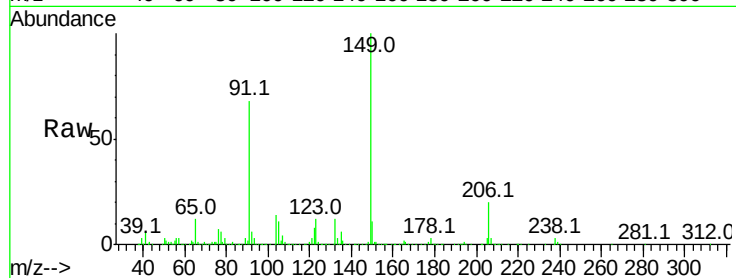




#79
Butylbenzylphthalate
Concen: 36.612 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

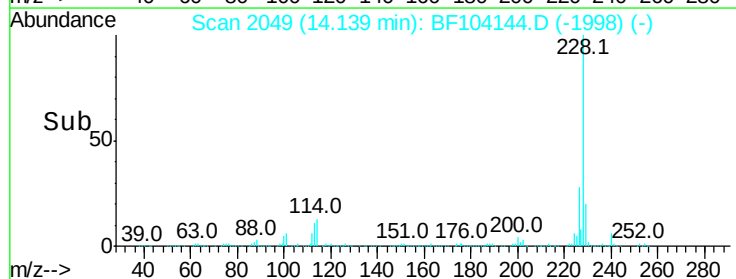
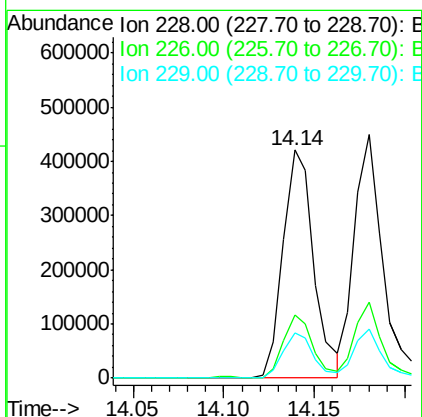
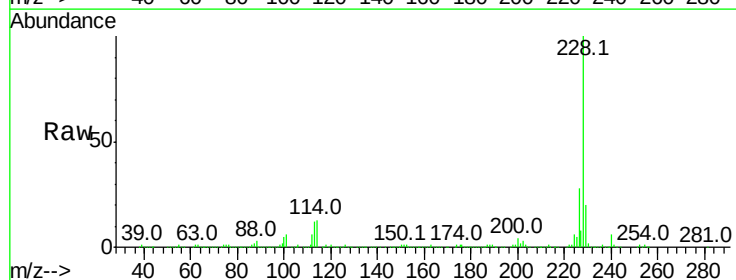
Instrument :
BNA_F
ClientSampleId :

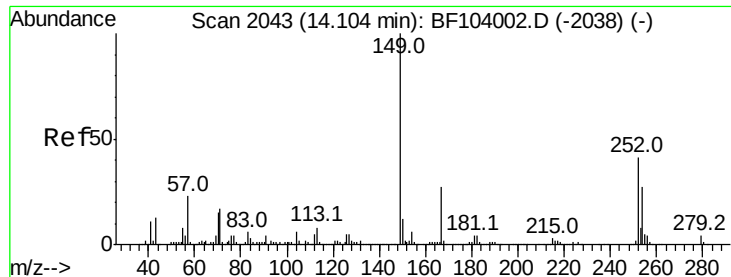
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	20.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.468 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.8	15.8	23.6

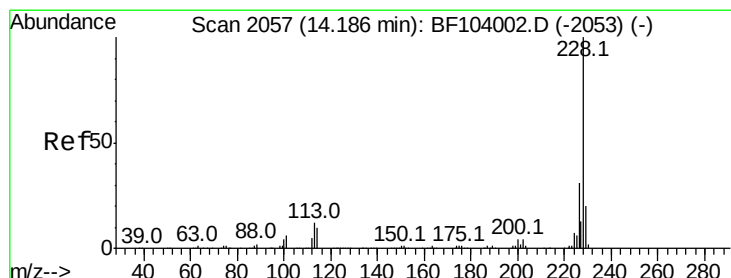
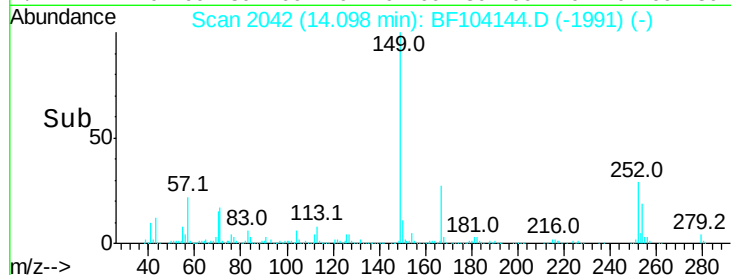
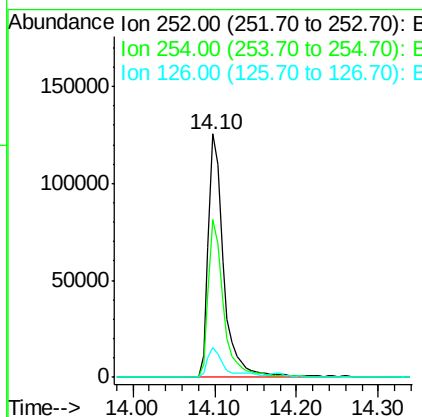
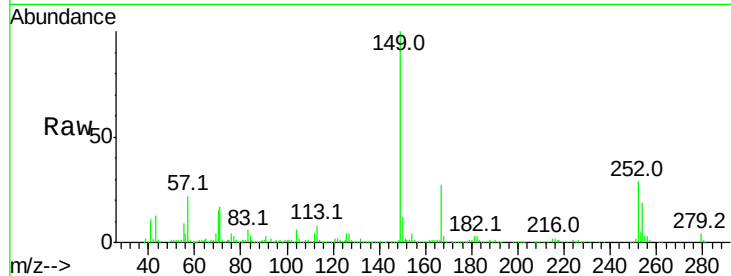




#81
 3,3'-Dichlorobenzidine
 Concen: 33.629 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

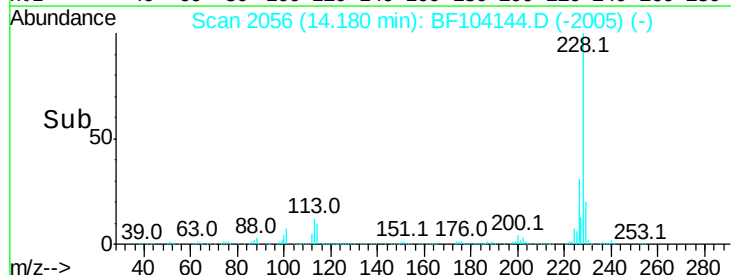
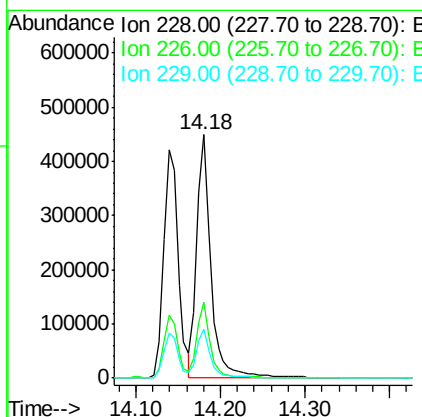
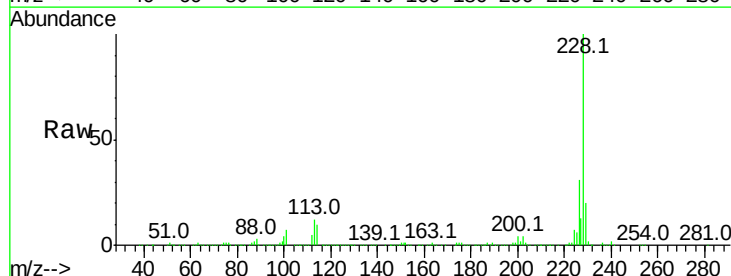
Instrument :
 BNA_F
 ClientSampleId :

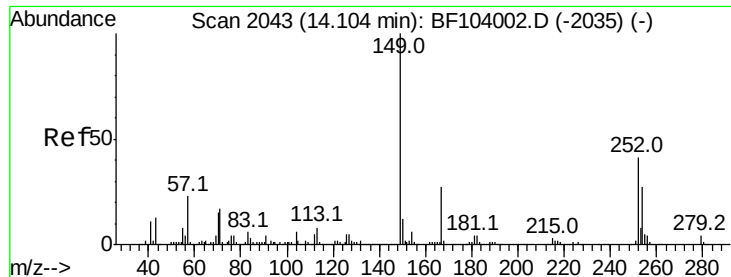
Tot Ion:252 Resp: 166230
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 35.368 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:228 Resp: 517314
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.900 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

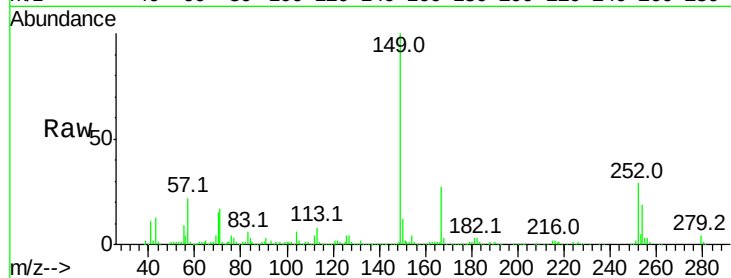
Tot Ion:149 Resp: 385365

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

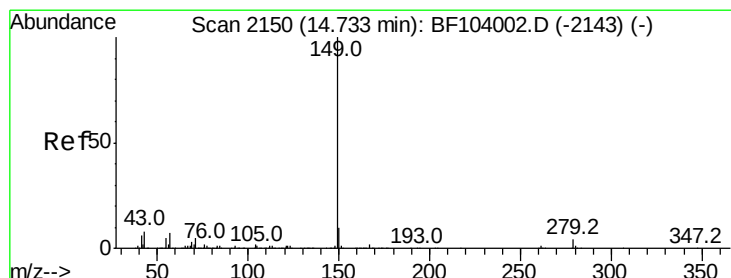
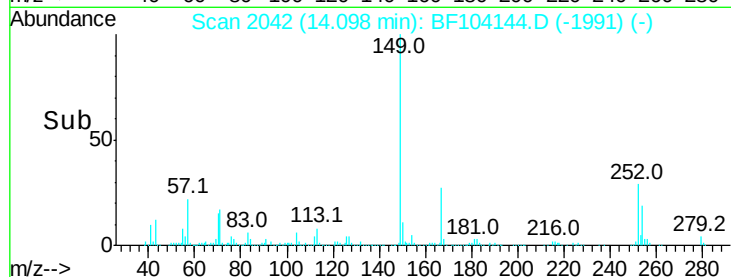
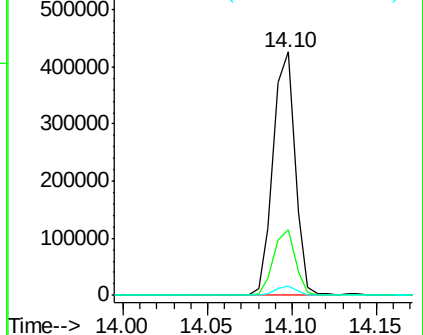
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.385 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

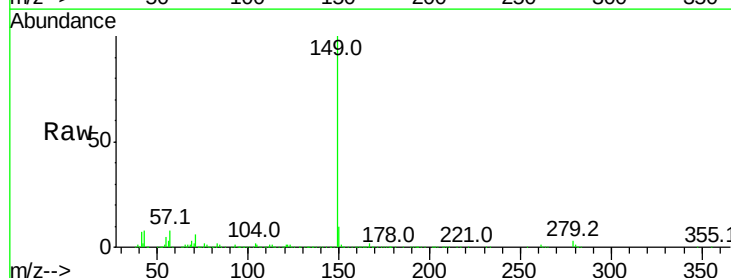
Tgt Ion:149 Resp: 617711

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

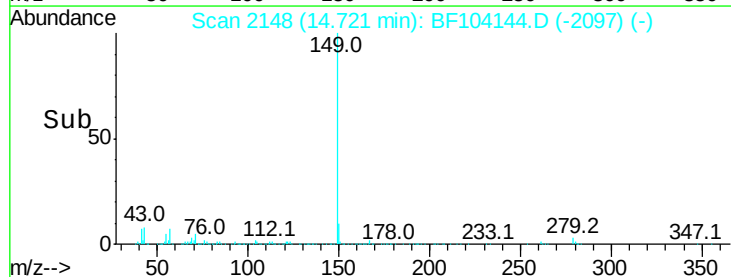
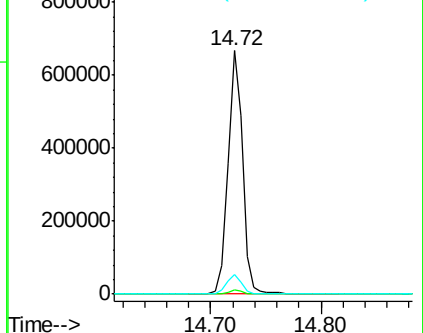
43 8.0 8.4 12.6#

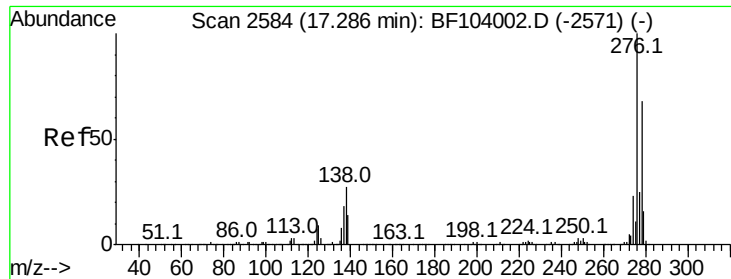


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

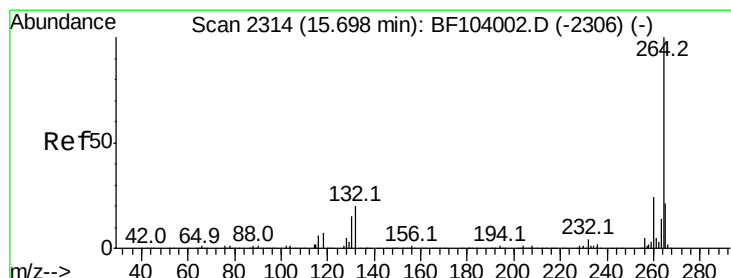
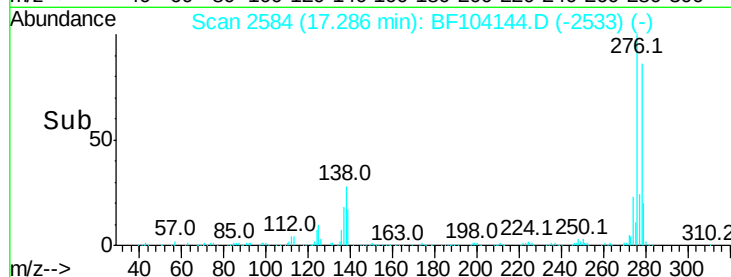
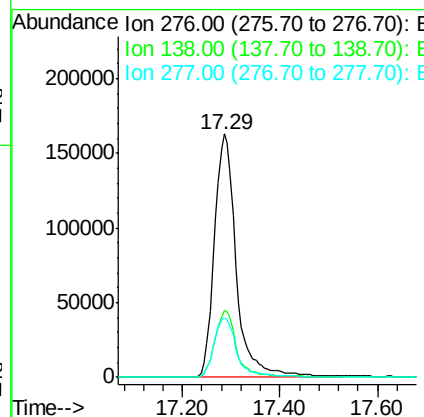
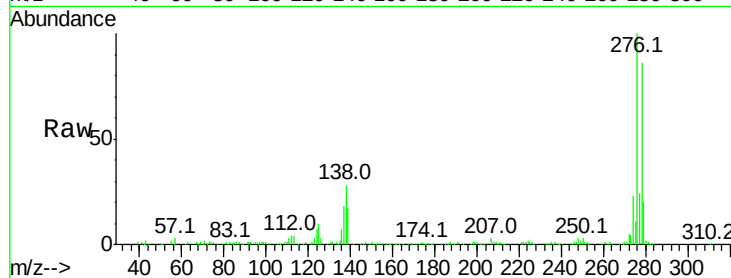




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.646 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

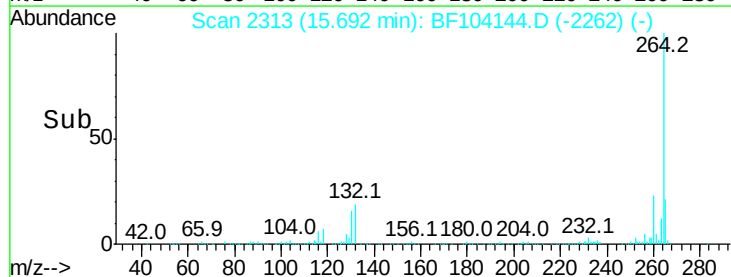
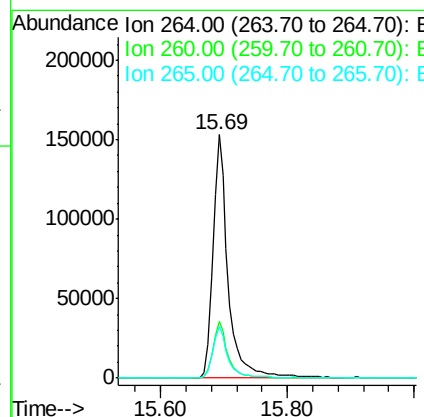
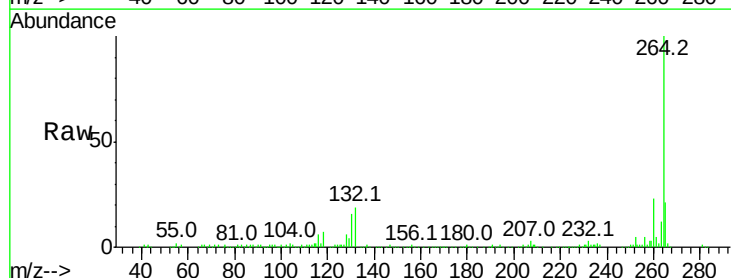
Instrument :
 BNA_F
 ClientSampleId :

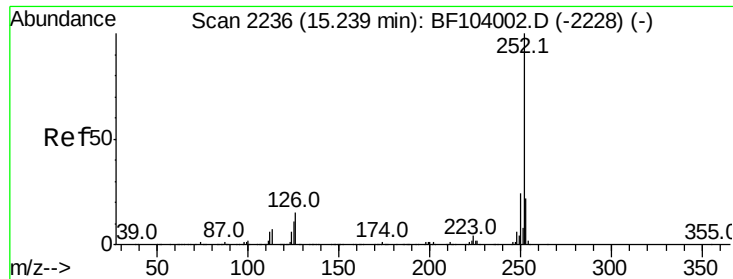
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 32.330 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

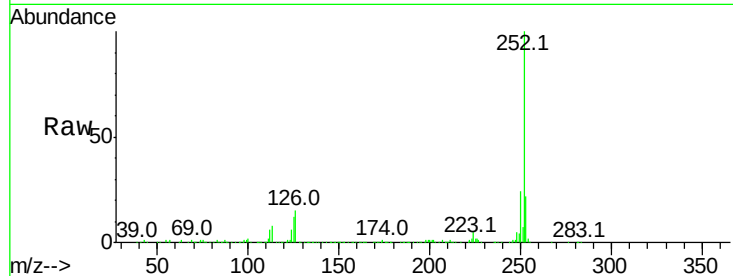
Tot Ion:252 Resp: 507797

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

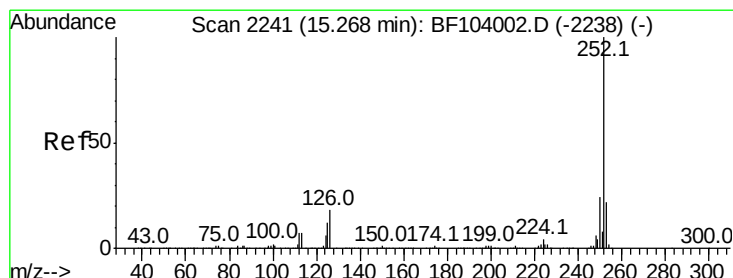
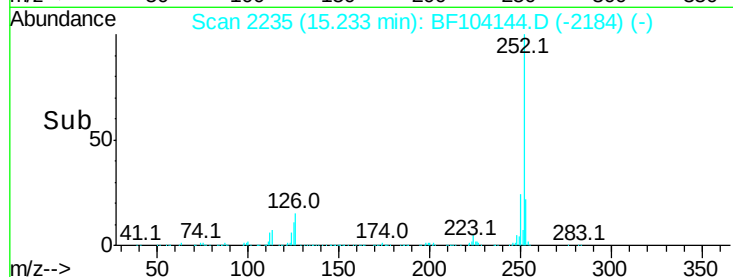
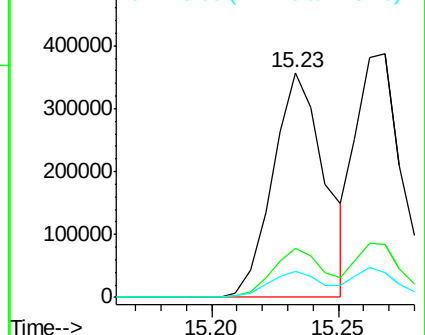
125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.049 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

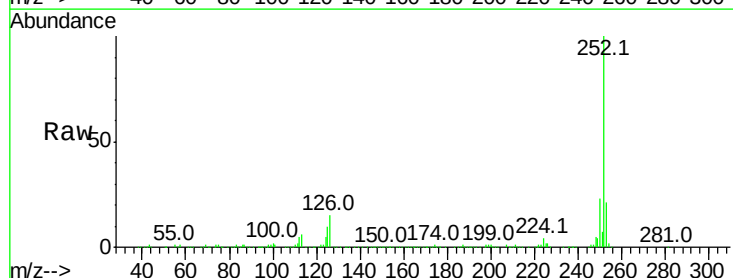
Tgt Ion:252 Resp: 548164

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

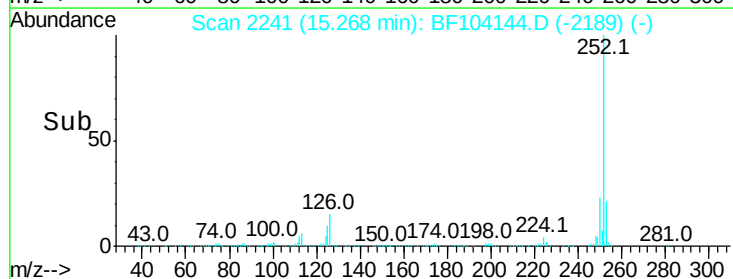
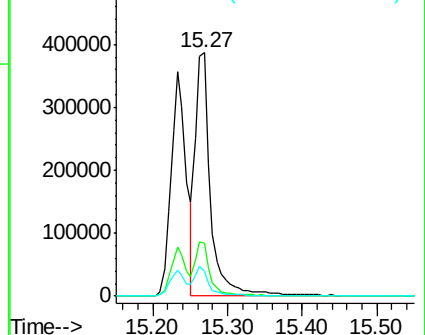
125 10.4 10.2 15.2

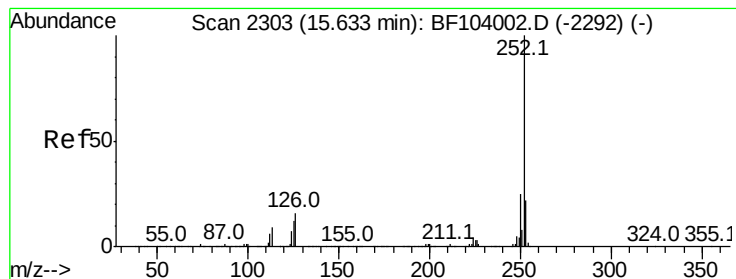


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.171 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF104144.D

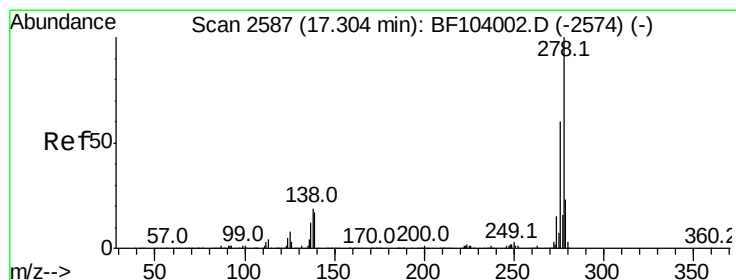
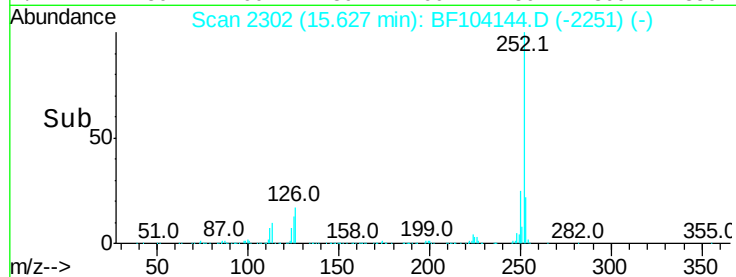
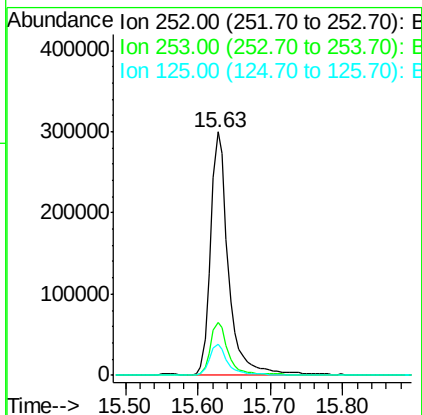
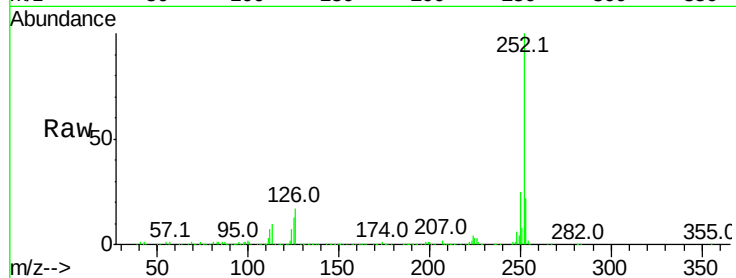
Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	511915
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.8	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 32.594 ng

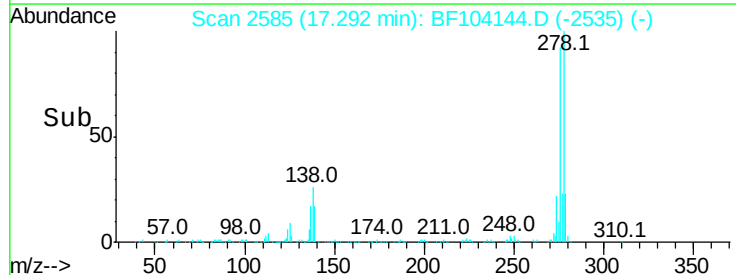
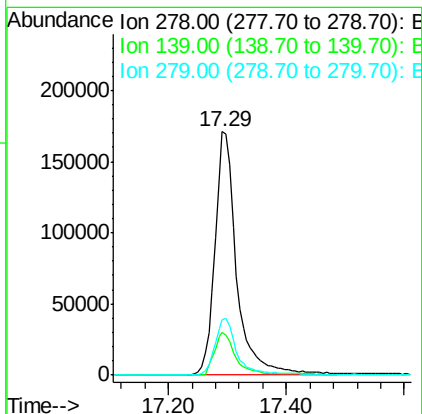
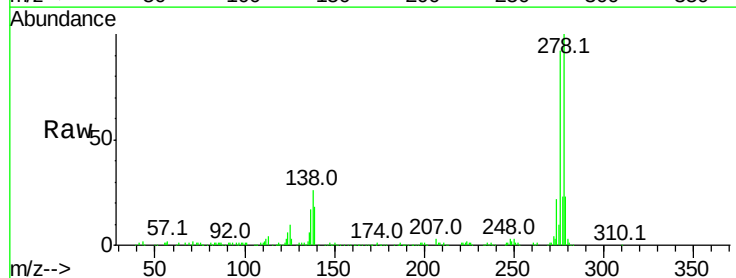
RT: 17.29 min Scan# 2585

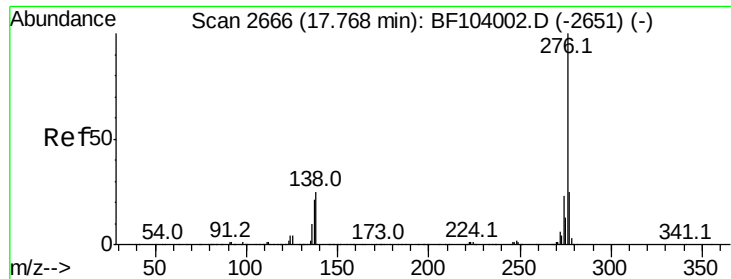
Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	278	Resp:	438624
Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 28.950 ng

RT: 17.76 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

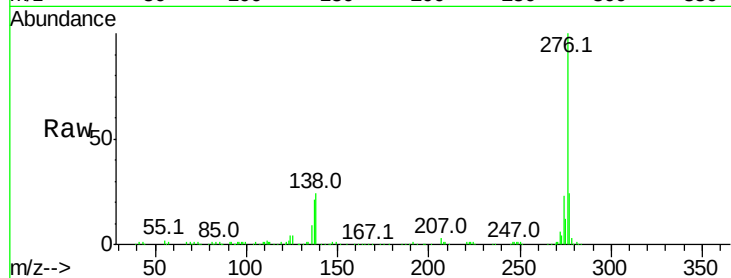
Tot Ion:276 Resp: 390220

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

