

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104058.D
 Acq On : 29 Mar 2018 18:28
 Operator : JU/SJ
 Sample : J12093-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:51:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115848	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485270	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	216281	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	350497	20.00	ng	0.00
75) Chrysene-d12	14.16	240	237370	20.00	ng	0.00
86) Perylene-d12	15.70	264	212427	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	797286	109.75	ng	0.00
7) Phenol-d6	6.60	99	991675	110.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	608287	76.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	238908	99.20	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1098121	80.06	ng	0.00
78) Terphenyl-d14	13.09	244	834265	81.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	85483	27.284	ng	# 85
3) Pyridine	3.68	79	131432	16.571	ng	86
4) n-Nitrosodimethylamine	3.65	42	50242	21.311	ng	86
6) Aniline	6.64	93	293079	27.393	ng	# 84
8) 2-Chlorophenol	6.76	128	285218	35.793	ng	97
9) Benzaldehyde	6.53	77	95300	17.170	ng	97
10) Phenol	6.62	94	370386	37.403	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	301396	35.320	ng	91
12) 1,3-Dichlorobenzene	6.91	146	281299	31.404	ng	99
13) 1,4-Dichlorobenzene	6.99	146	321749	33.523	ng	99
14) 1,2-Dichlorobenzene	7.14	146	283481	32.860	ng	97
15) Benzyl Alcohol	7.11	79	191945	33.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	312407	33.605	ng	66
17) 2-Methylphenol	7.22	107	217219	33.492	ng	94
18) Hexachloroethane	7.47	117	89432	27.830	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	182914	34.486	ng	93
20) 3+4-Methylphenols	7.37	107	287961	34.789	ng	# 54
22) Acetophenone	7.37	105	400688	34.127	ng	# 96
24) Nitrobenzene	7.55	77	265578	31.810	ng	99
25) Isophorone	7.78	82	523330	35.787	ng	99
26) 2-Nitrophenol	7.87	139	133632	30.663	ng	93
27) 2,4-Dimethylphenol	7.90	122	237176	37.735	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	329744	35.978	ng	100
29) 2,4-Dichlorophenol	8.11	162	234826	35.770	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	246934	33.151	ng	96
31) Naphthalene	8.27	128	842246	35.527	ng	99
32) Benzoic acid	8.01	122	83800	18.200	ng	# 84
33) 4-Chloroaniline	8.33	127	266981	26.712	ng	95
34) Hexachlorobutadiene	8.37	225	129270	31.892	ng	99
35) Caprolactam	8.69	113	65877	31.647	ng	# 76
36) 4-Chloro-3-methylphenol	8.80	107	241402	34.765	ng	97
37) 2-Methylnaphthalene	8.96	142	523245	33.507	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	231289	34.873	ng	98
40) Hexachlorocyclopentadiene	9.10	237	38196	16.798	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	136677	32.544	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	172946	34.106	ng	97
45) 1,1'-Biphenyl	9.42	154	632457	34.071	ng	100
46) 2-Chloronaphthalene	9.46	162	495401	33.833	ng	97
47) 2-Nitroaniline	9.56	65	145640	34.881	ng	97
48) Acenaphthylene	9.87	152	721436	32.522	ng	99
49) Dimethylphthalate	9.72	163	656663	38.455	ng	99
50) 2,6-Dinitrotoluene	9.79	165	117778	32.059	ng	93
51) Acenaphthene	10.04	154	420313	32.753	ng	99
52) 3-Nitroaniline	9.97	138	126408	29.932	ng	98
53) 2,4-Dinitrophenol	10.09	184	10215	11.498	ng	# 75
54) Dibenzofuran	10.22	168	634183	33.842	ng	99
55) 4-Nitrophenol	10.15	139	138173	54.566	ng	92
56) 2,4-Dinitrotoluene	10.20	165	142560	30.410	ng	# 93
57) Fluorene	10.56	166	495753	32.071	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	133783	35.214	ng	# 84
59) Diethylphthalate	10.42	149	547353	33.459	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	239932	33.795	ng	95
61) 4-Nitroaniline	10.60	138	122518	31.005	ng	93
62) Azobenzene	10.70	77	475897	32.172	ng	97
64) 4,6-Dinitro-2-methylphenol	10.62	198	13872	6.538	ng	97
65) n-Nitrosodiphenylamine	10.67	169	445370	37.520	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	135201	36.055	ng	89
67) Hexachlorobenzene	11.11	284	141960	32.911	ng	# 84
68) Atrazine	11.19	200	127244	34.991	ng	99
69) Pentachlorophenol	11.30	266	124353	52.390	ng	96
70) Phenanthrene	11.53	178	613681	32.339	ng	99
71) Anthracene	11.58	178	701602	35.396	ng	98
72) Carbazole	11.74	167	606931	32.082	ng	100
73) Di-n-butylphthalate	12.04	149	789499	35.036	ng	99
74) Fluoranthene	12.72	202	588925	29.197	ng	97
76) Benzidine	12.85	184	328367	48.543	ng	97
77) Pyrene	12.95	202	568009	33.288	ng	98
79) Butylbenzylphthalate	13.55	149	279861	34.813	ng	97
80) Benzo(a)anthracene	14.14	228	474792	31.967	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	182309	37.083	ng	98
82) Chrysene	14.19	228	487978	33.544	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	361484	34.801	ng	99
84) Di-n-octyl phthalate	14.73	149	617904	34.582	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.30	276	413468	27.428	ng	95
87) Benzo(b)fluoranthene	15.24	252	424122	32.806	ng	99
88) Benzo(k)fluoranthene	15.27	252	454342	37.307	ng	98
89) Benzo(a)pyrene	15.63	252	409309	34.165	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	348945	31.503	ng	97
91) Benzo(g,h,i)perylene	17.78	276	333634	30.072	ng	95

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

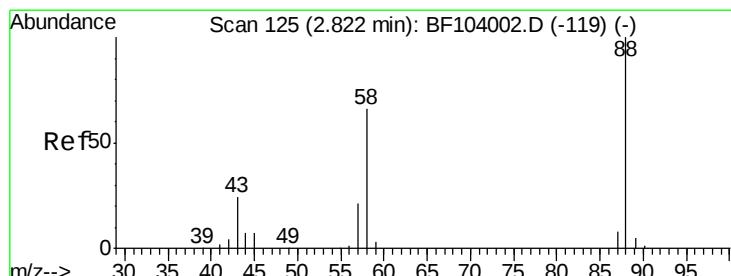
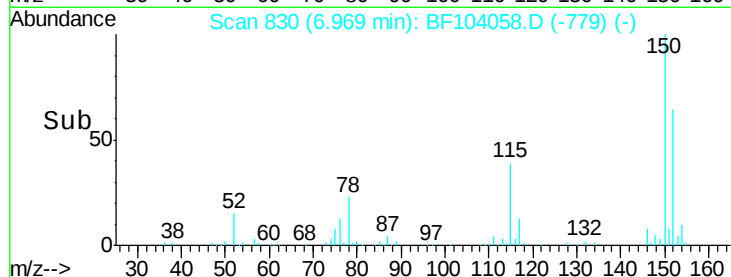
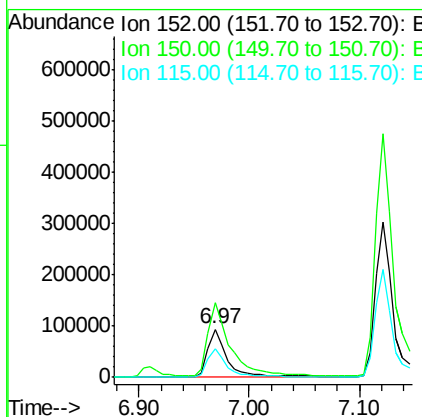
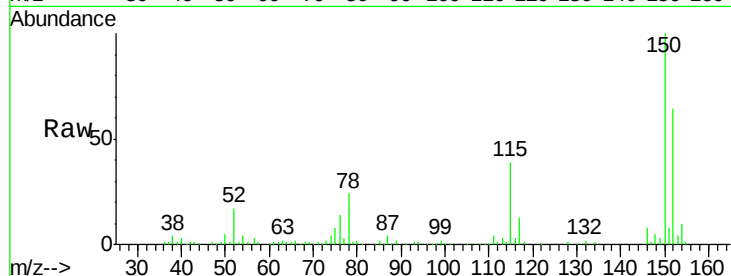


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampled :

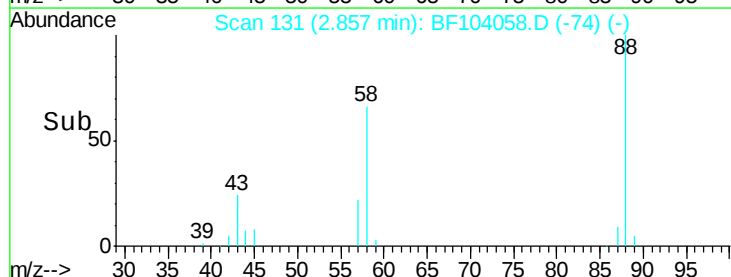
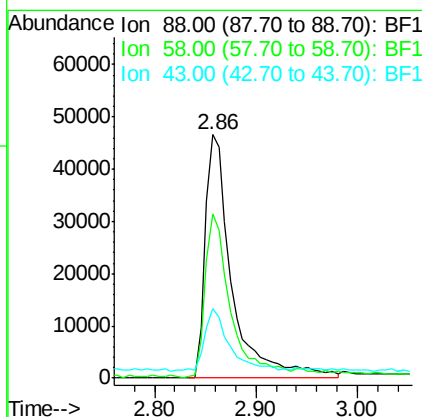
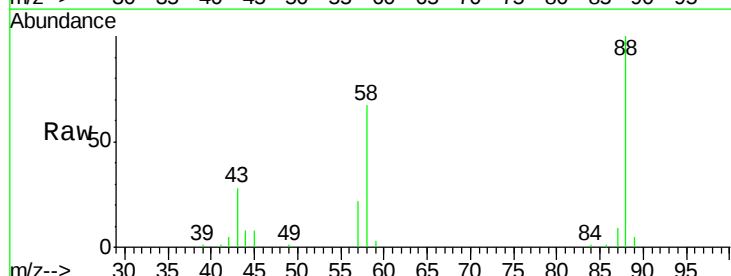
Tot Ion:152 Resp: 115848
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.2 50.1 75.1

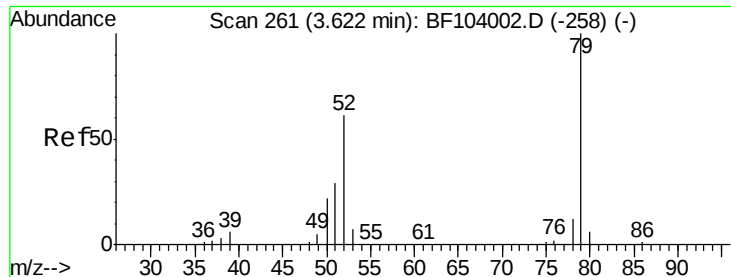


#2

1,4-Dioxane
Concen: 27.284 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.04 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion: 88 Resp: 85483
Ion Ratio Lower Upper
88 100
58 65.0 62.6 93.8
43 22.7 24.6 37.0#





#3

Pvridine

Concen: 16.571 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

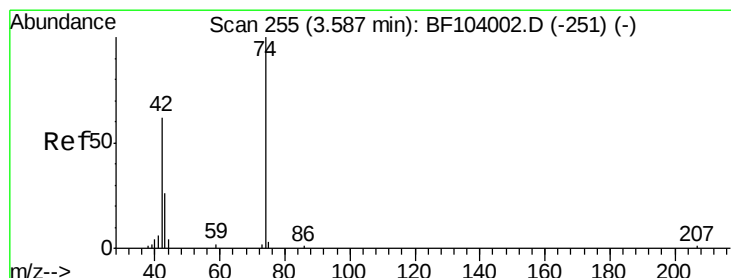
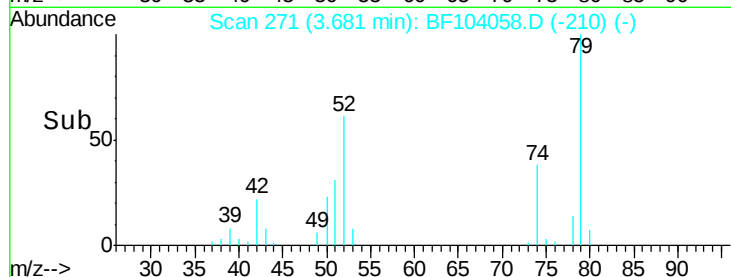
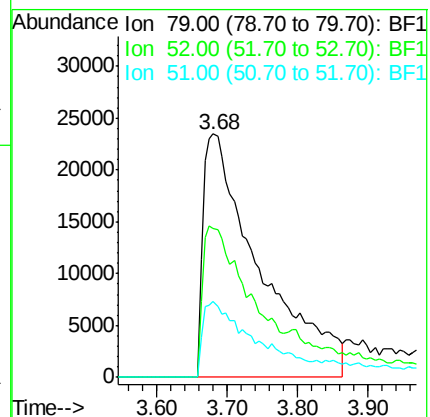
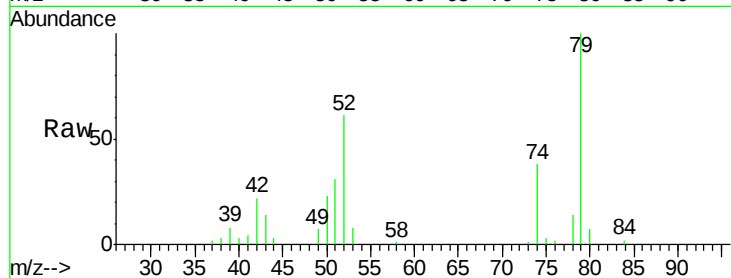
Tot Ion: 79 Resp: 131432

Ion Ratio Lower Upper

79 100

52 61.1 59.8 89.6

51 31.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 21.311 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

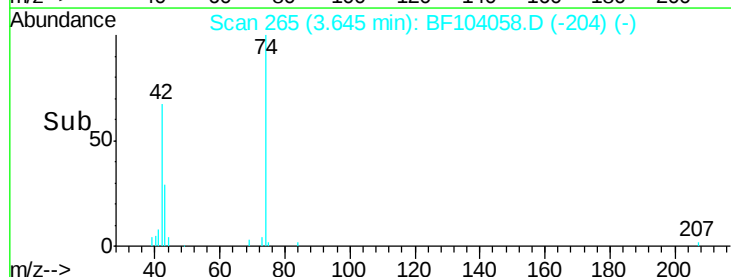
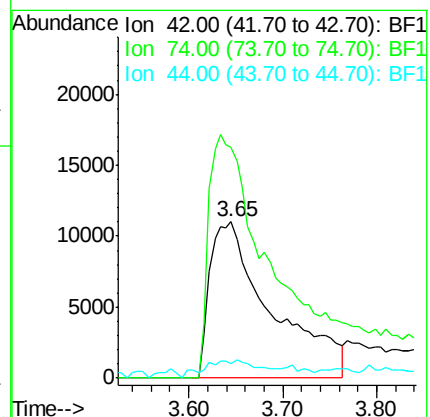
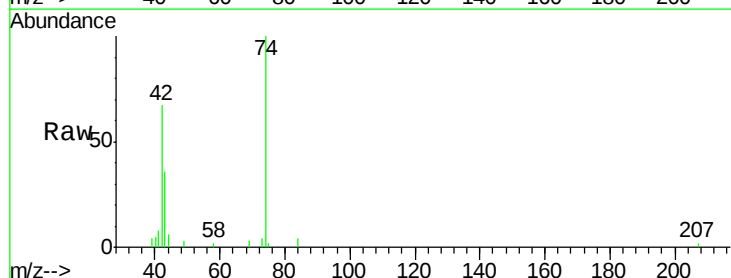
Tgt Ion: 42 Resp: 50242

Ion Ratio Lower Upper

42 100

74 148.4 104.9 157.3

44 9.5 6.9 10.3





#5

2-Fluorophenol

Concen: 109.753 ng

RT: 5.60 min Scan# 598

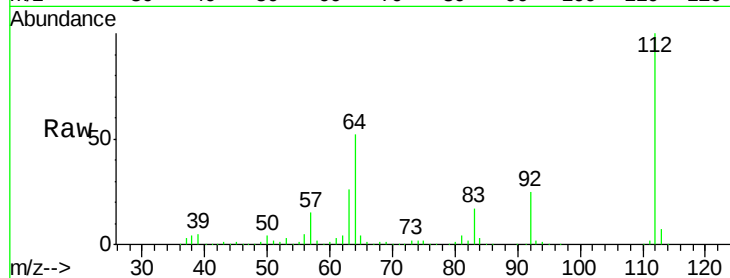
Delta R.T. 0.01 min

Lab File: BF104058.D

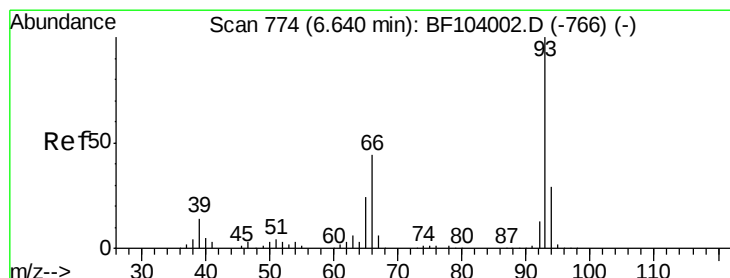
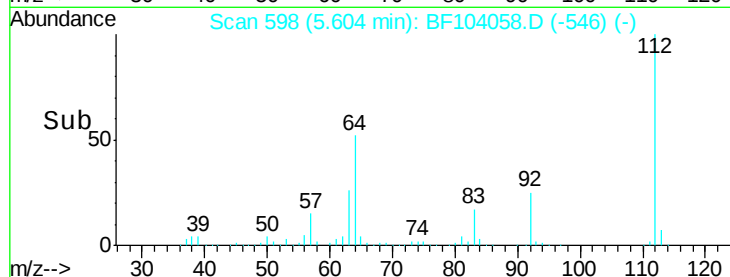
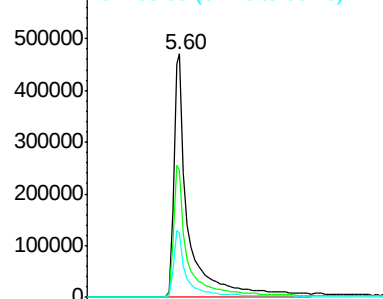
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	797286
Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.3	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: 27.393 ng

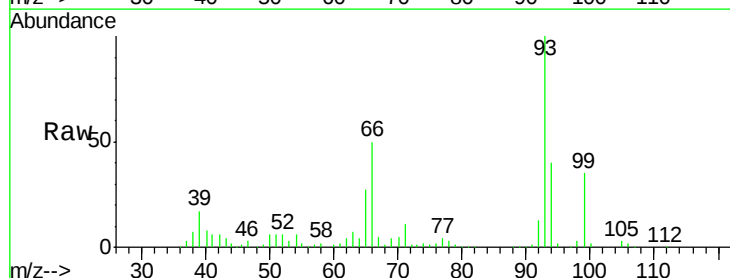
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

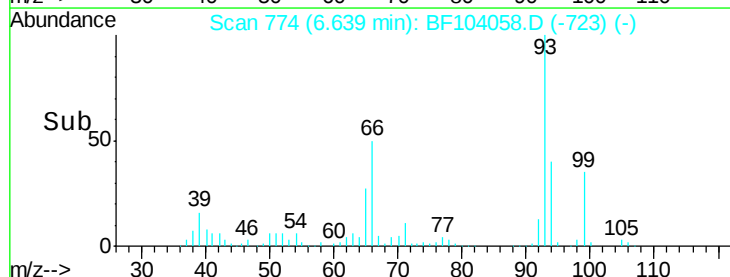
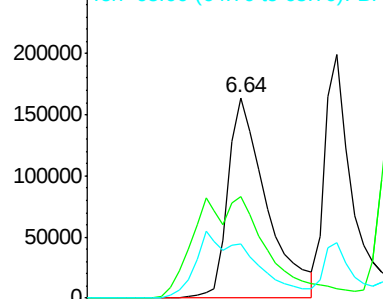
Lab File: BF104058.D

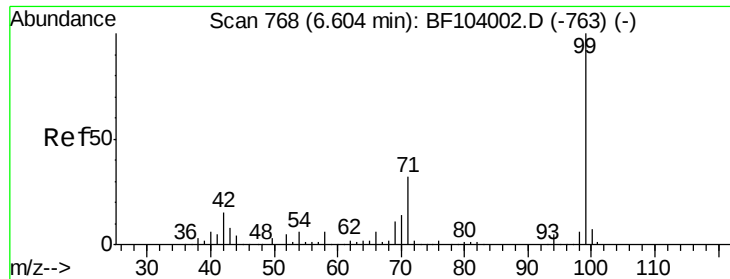
Acq: 29 Mar 2018 18:28

Tgt Ion:	93	Resp:	293079
Ion	Ratio	Lower	Upper
93	100		
66	50.4	32.2	48.2#
65	27.1	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: 110.959 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

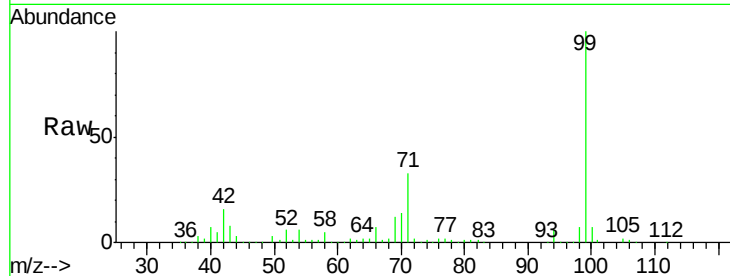
Tot Ion: 99 Resp: 991675

Ion Ratio Lower Upper

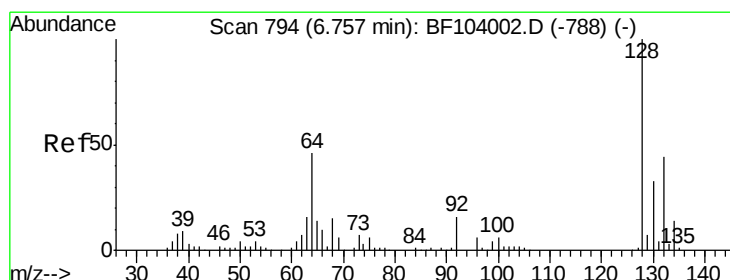
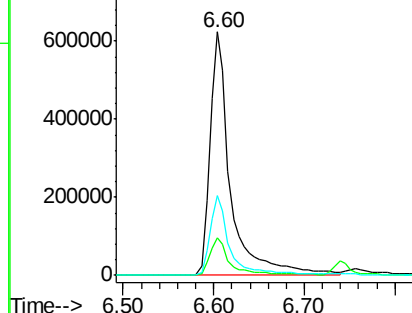
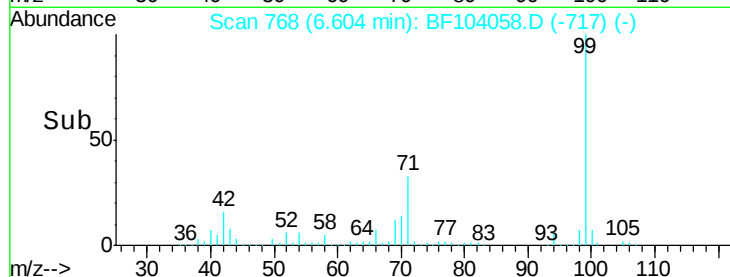
99 100

42 15.5 14.5 21.7

71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.793 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

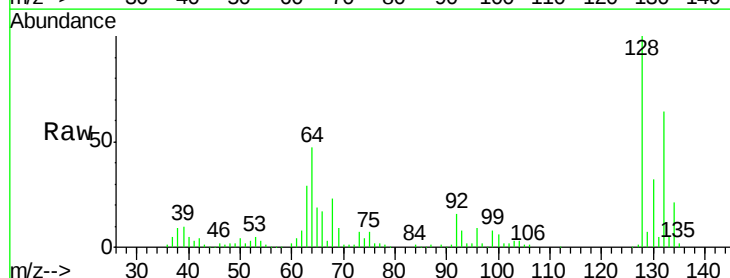
Tgt Ion: 128 Resp: 285218

Ion Ratio Lower Upper

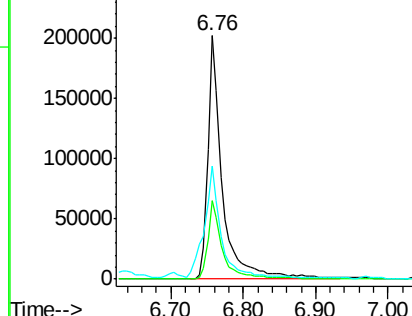
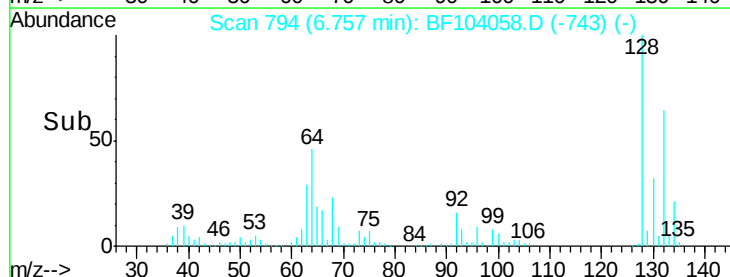
128 100

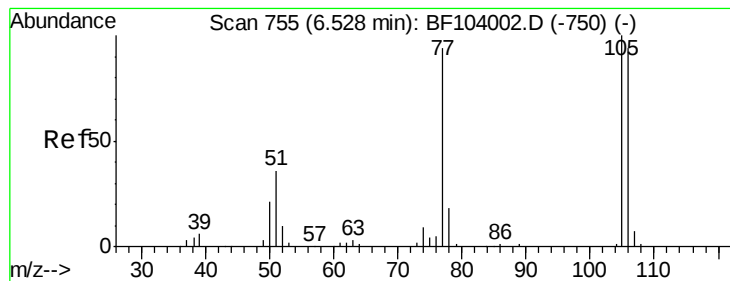
130 32.2 13.0 53.0

64 46.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.170 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

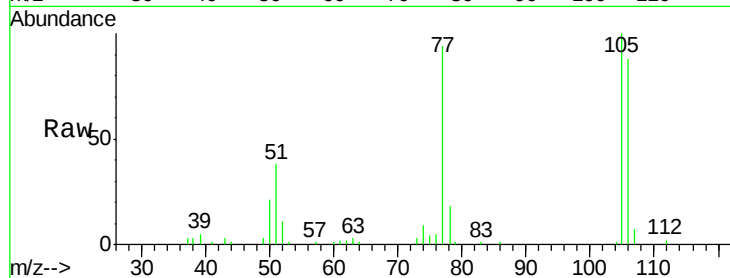
Tot Ion: 77 Resp: 95300

Ion Ratio Lower Upper

77 100

105 106.9 81.1 121.1

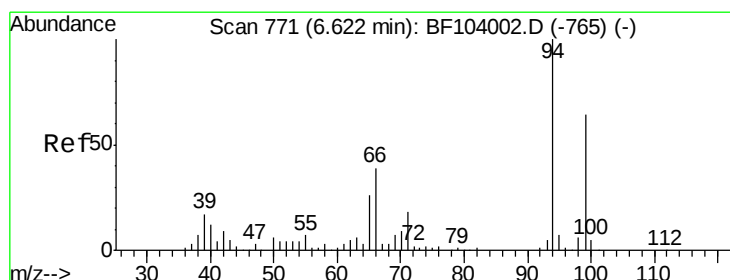
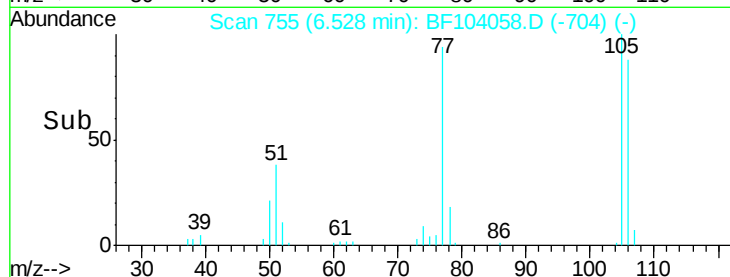
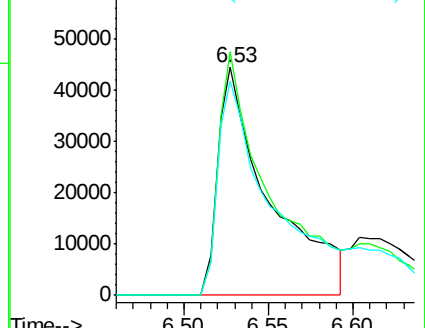
106 94.3 74.5 114.5



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: 37.403 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

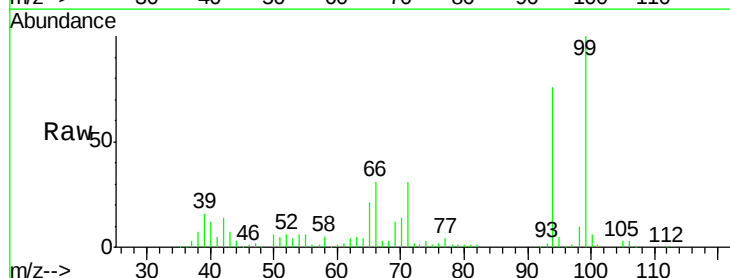
Tgt Ion: 94 Resp: 370386

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

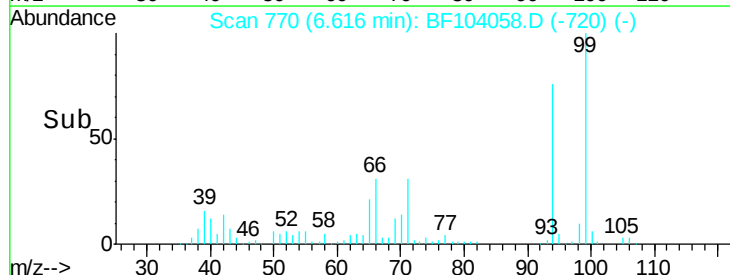
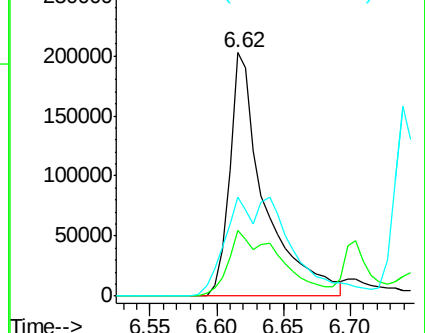
66 40.7 16.2 56.2

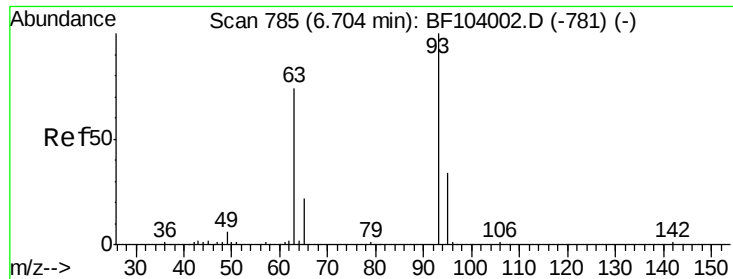


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

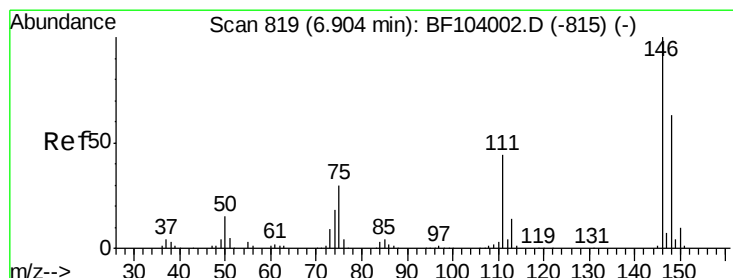
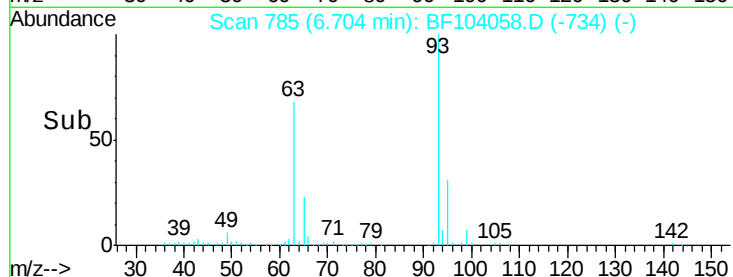
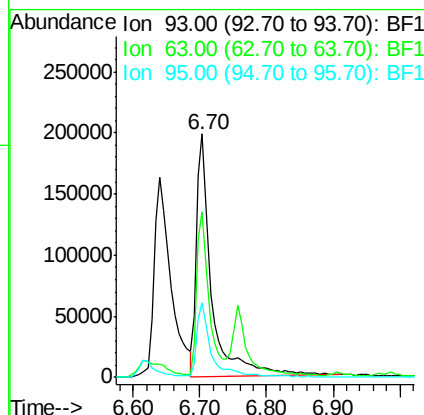
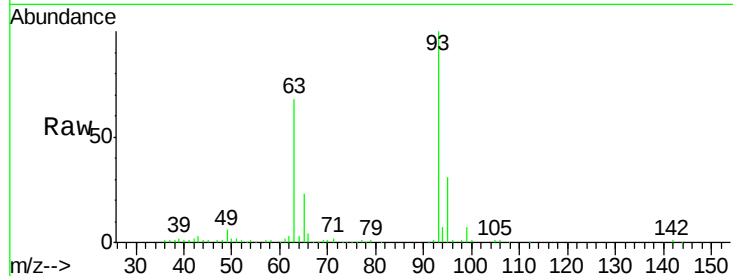




#11
 bis(2-Chloroethyl)ether
 Concen: 35.320 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

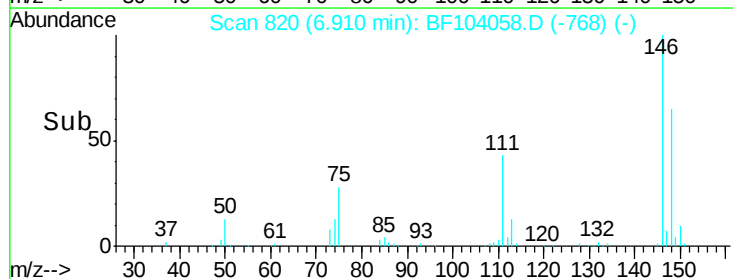
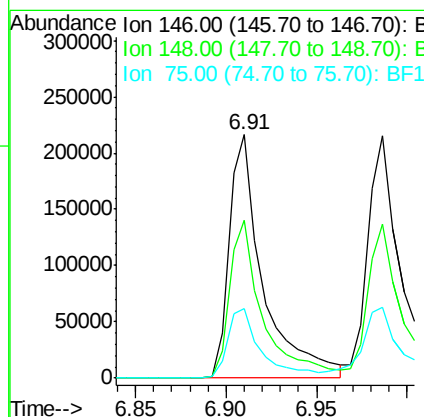
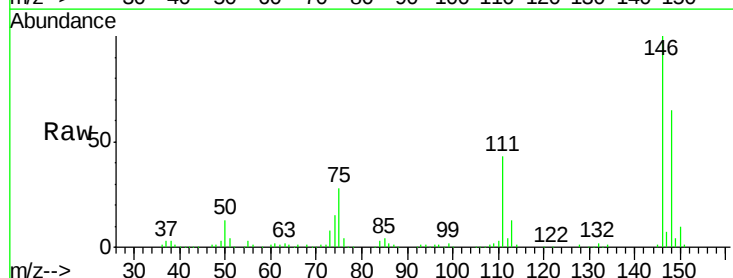
Instrument :
 BNA_F
 ClientSampled :

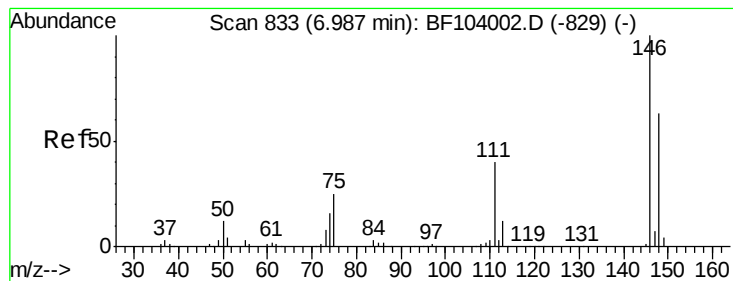
Tot Ion	93	Resp	301396
Ion	Ratio	Lower	Upper
93	100		
63	67.8	58.6	98.6
95	30.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.404 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion	146	Resp	281299
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	28.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.523 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampled :

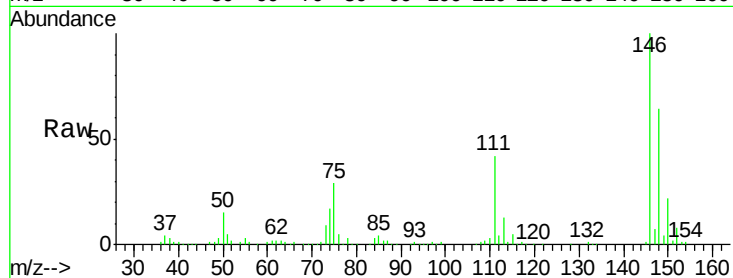
Tot Ion:146 Resp: 321749

Ion Ratio Lower Upper

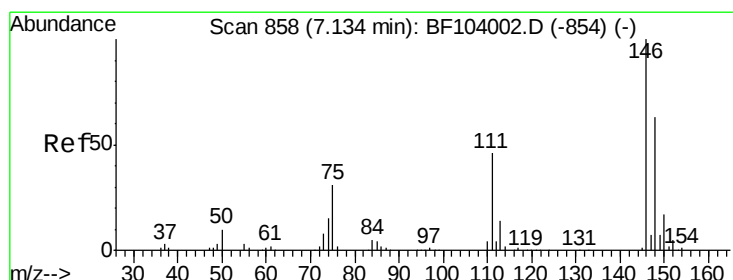
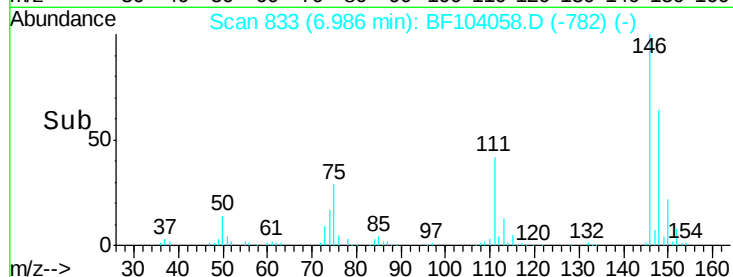
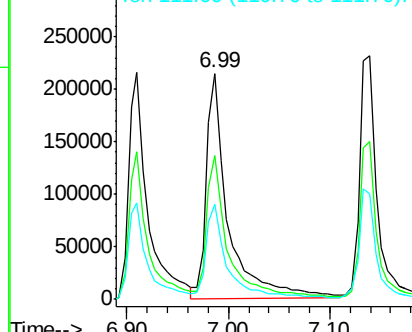
146 100

148 63.6 50.8 76.2

111 41.9 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: 32.860 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

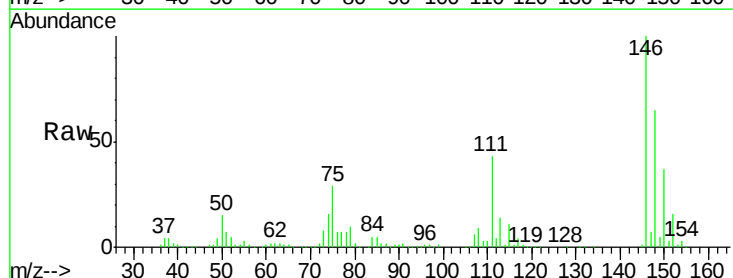
Tgt Ion:146 Resp: 283481

Ion Ratio Lower Upper

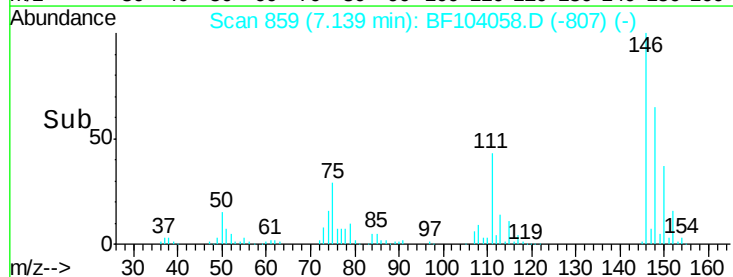
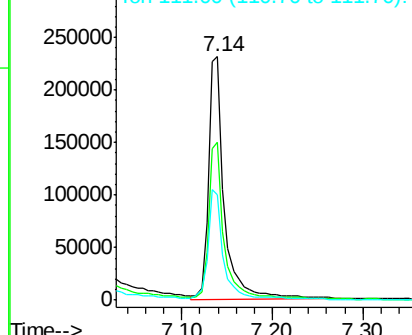
146 100

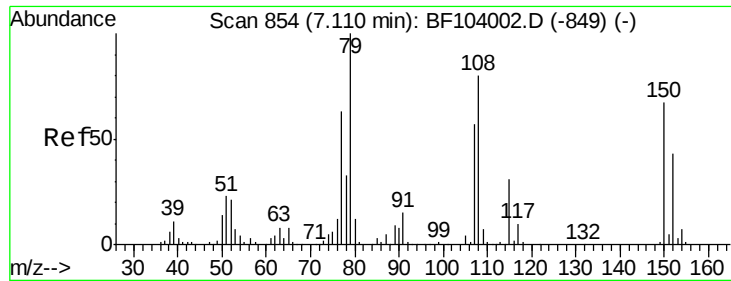
148 65.0 50.6 75.8

111 43.1 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

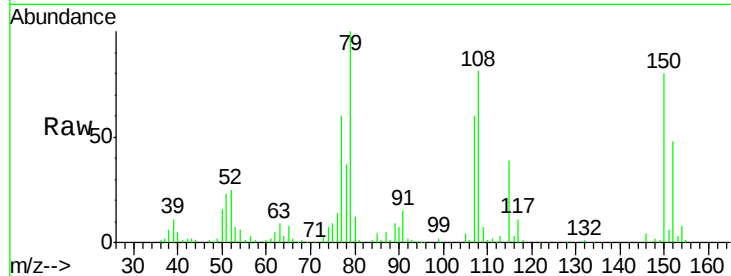




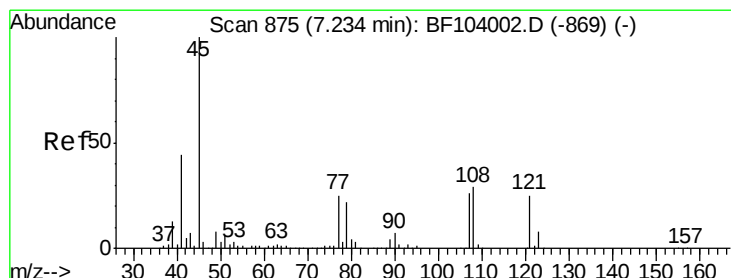
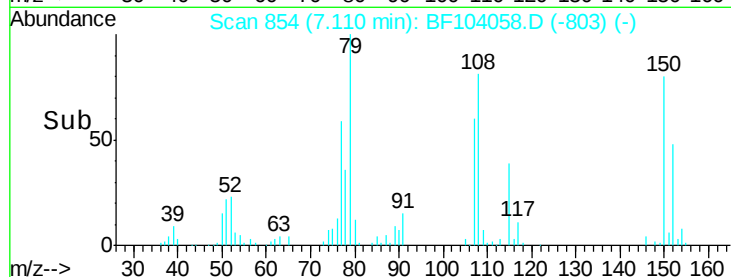
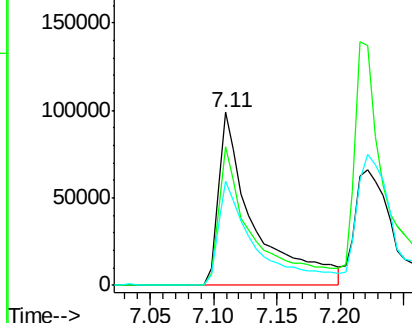
#15
Benzyl Alcohol
Concen: 33.032 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 191945
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 60.4 50.6 75.8

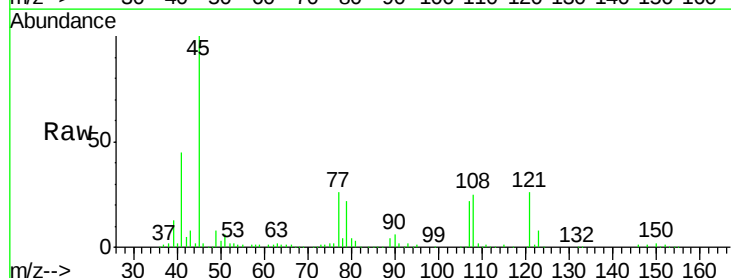


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

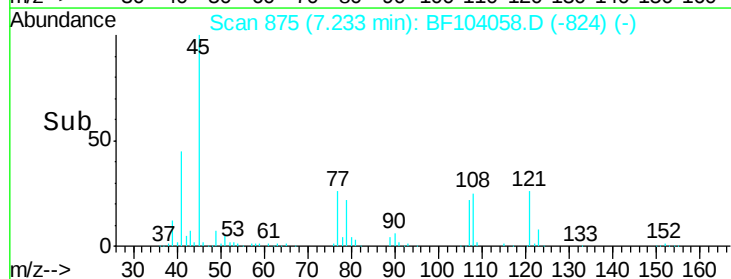
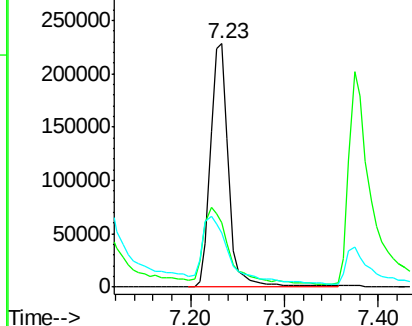


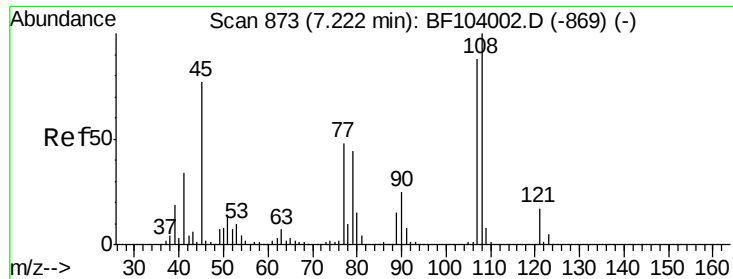
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.605 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion: 45 Resp: 312407
Ion Ratio Lower Upper
45 100
77 26.4 0.0 32.9
79 22.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

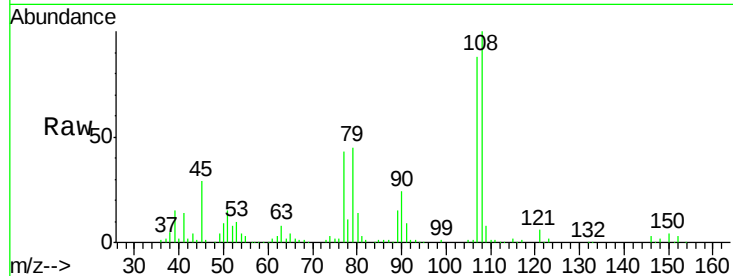




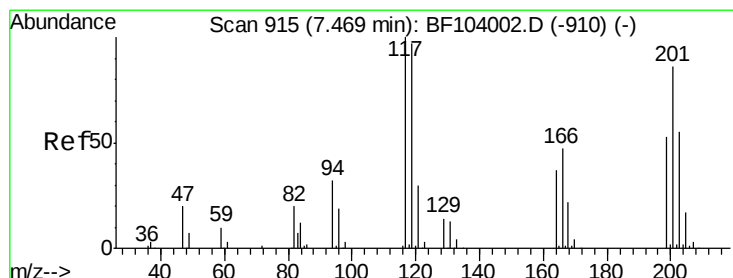
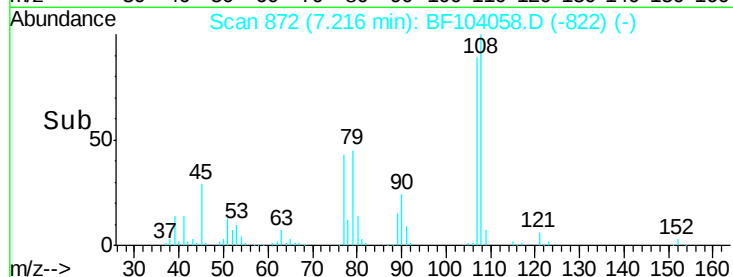
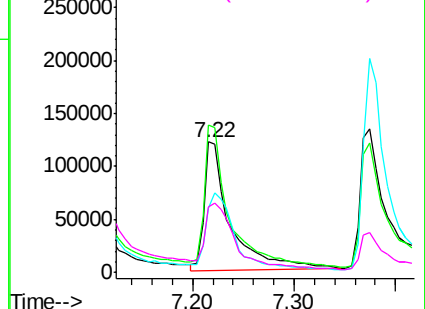
#17
2-Methylphenol
Concen: 33.492 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	217219
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	49.1	33.8	50.8
79	50.6	33.8	50.8

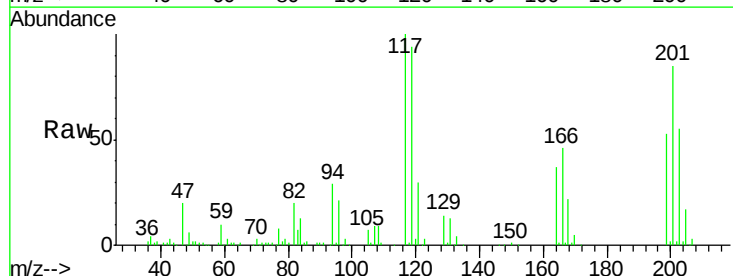


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

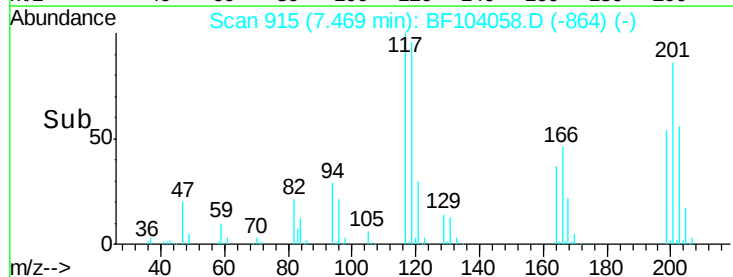
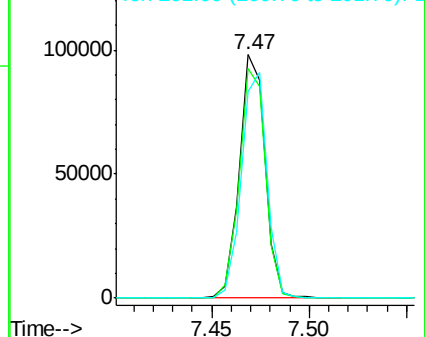


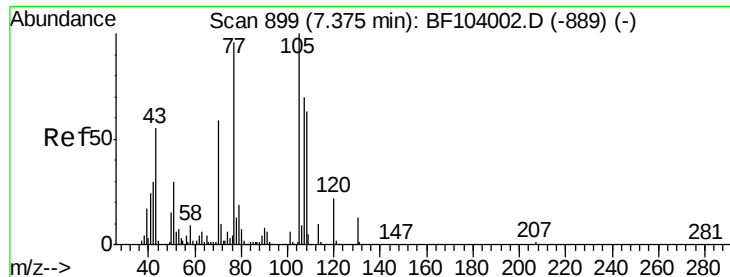
#18
Hexachloroethane
Concen: 27.830 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:	117	Resp:	89432
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	84.8	75.7	113.5



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

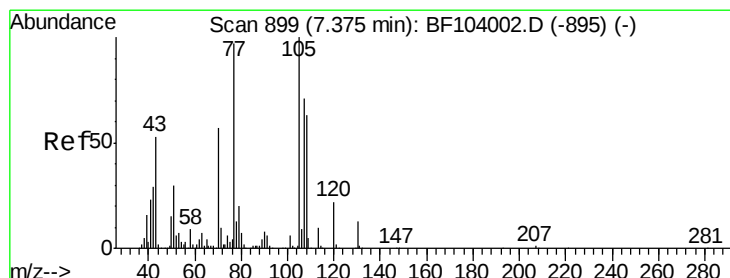
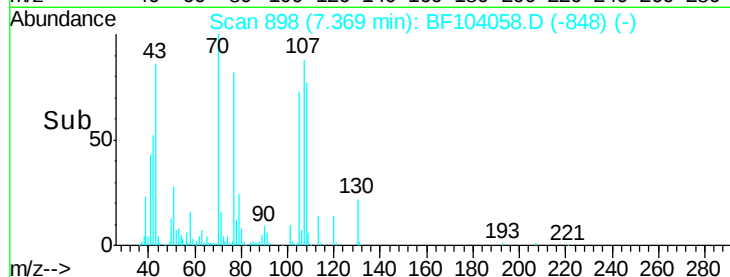
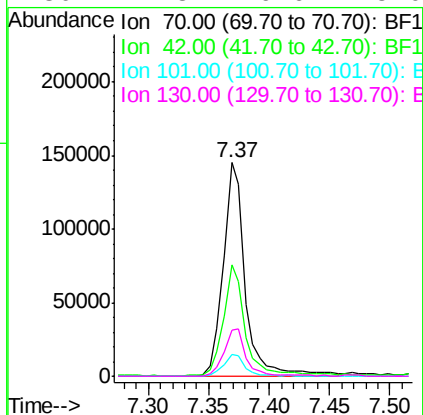
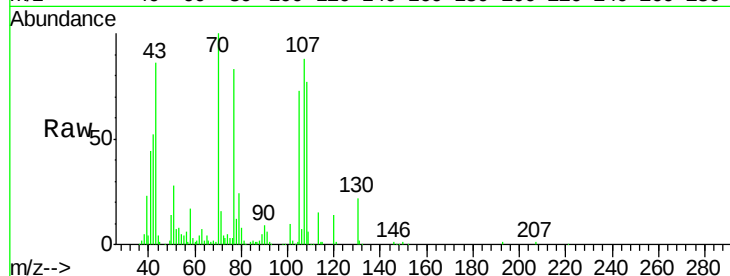




#19
n-Nitroso-di-n-propylamine
Concen: 34.486 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

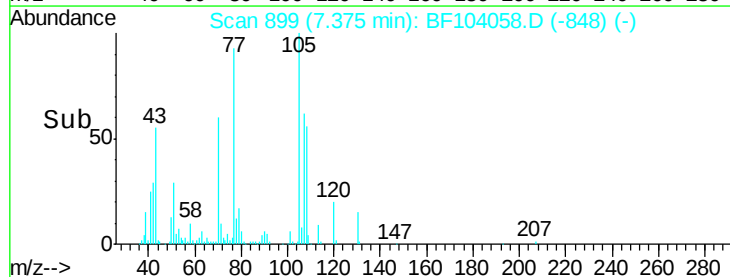
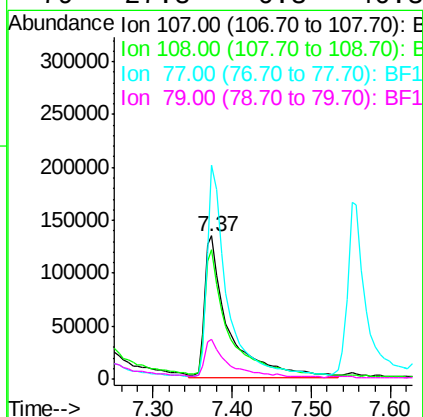
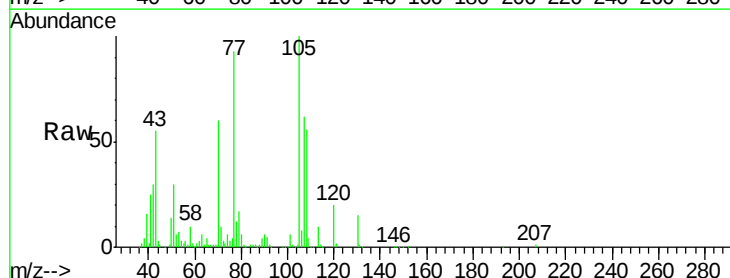
Instrument :
BNA_F
ClientSampleId :

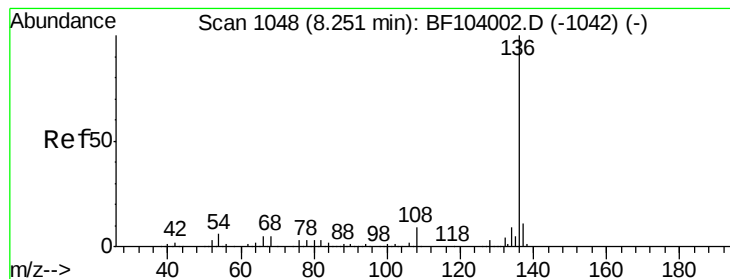
Tot Ion: 70 Resp: 182914
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 10.4 7.4 11.2
130 21.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.789 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion: 107 Resp: 287961
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 149.0 26.7 66.7#
79 27.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

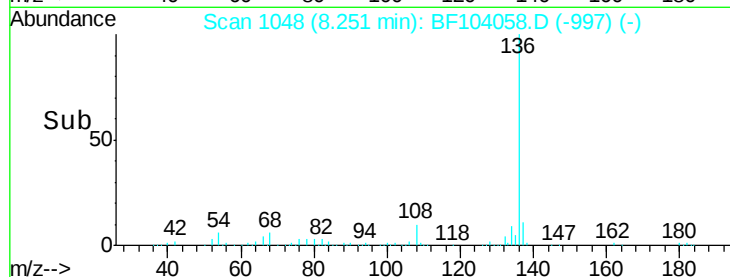
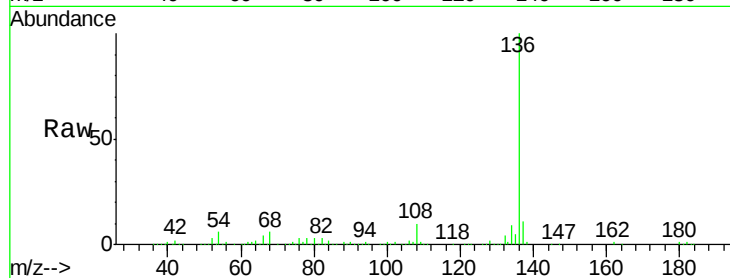
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485270

Ion Ratio Lower Upper

136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4



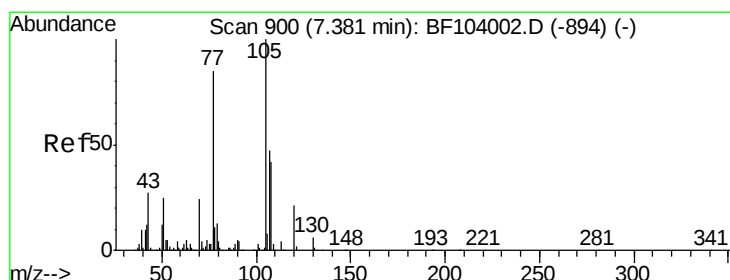
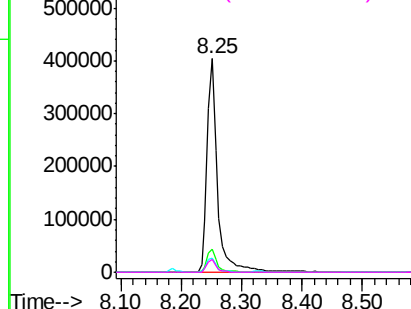
Abundance

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: 34.127 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

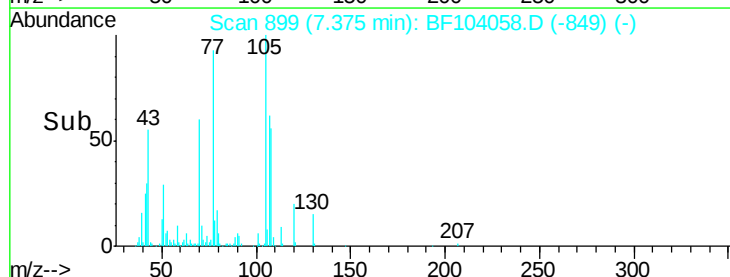
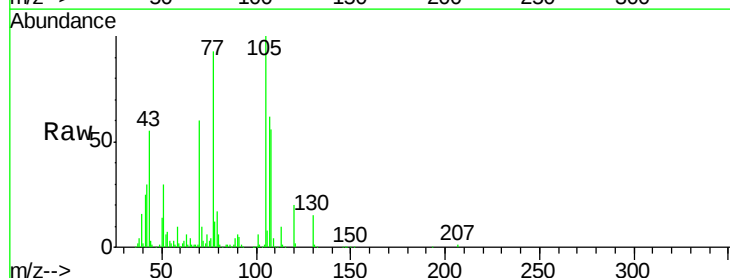
Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Tgt Ion:105 Resp: 400688

Ion Ratio Lower Upper

105	100		
71	9.7	4.4	6.6#
51	29.6	22.3	33.5
120	20.2	16.9	25.3



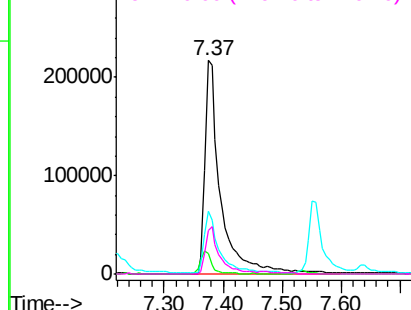
Abundance

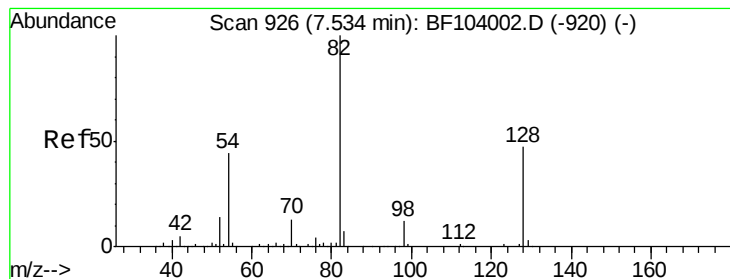
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.659 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

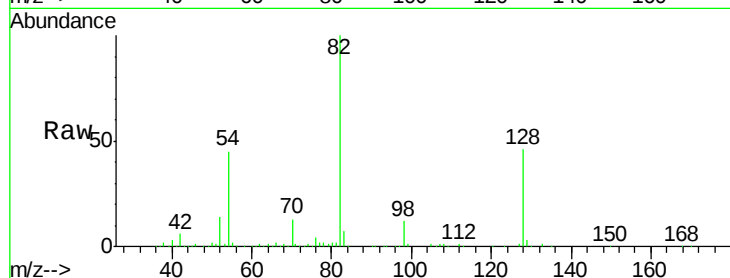
Tot Ion: 82 Resp: 608287

Ion Ratio Lower Upper

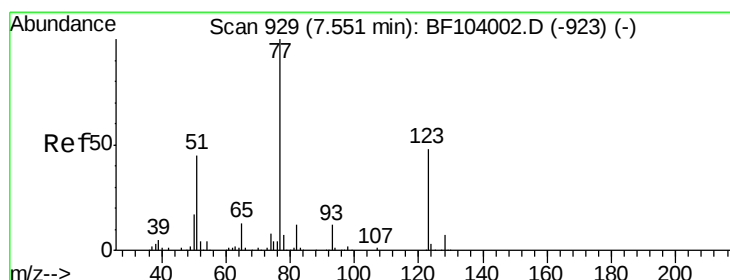
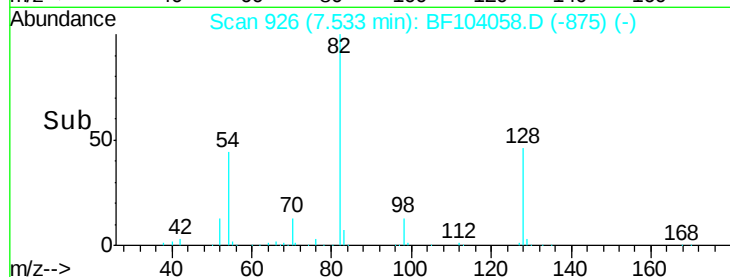
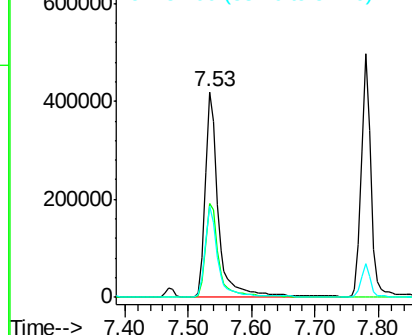
82 100

128 46.0 36.1 54.1

54 44.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 31.810 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

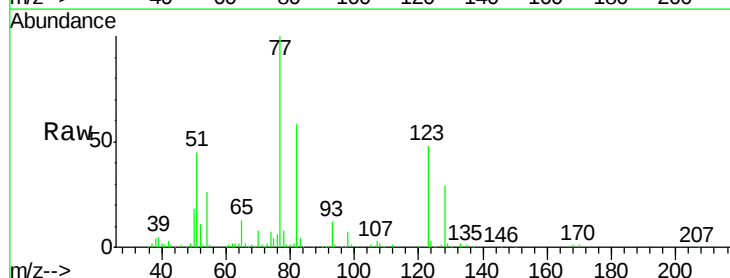
Tgt Ion: 77 Resp: 265578

Ion Ratio Lower Upper

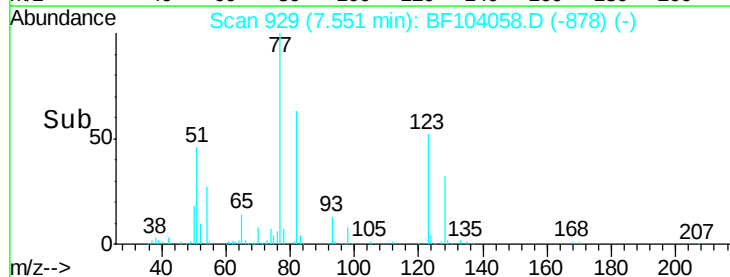
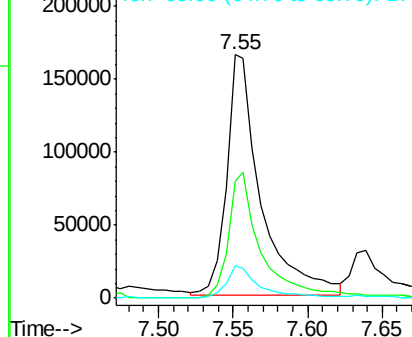
77 100

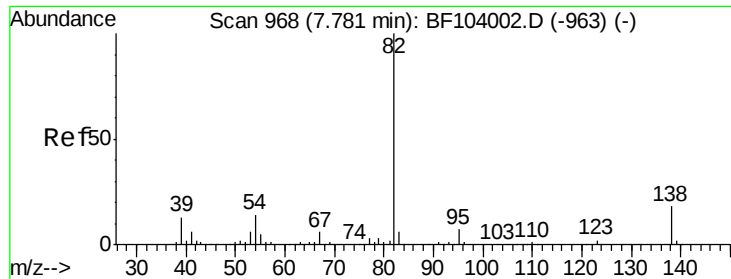
123 47.9 37.9 56.9

65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.787 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

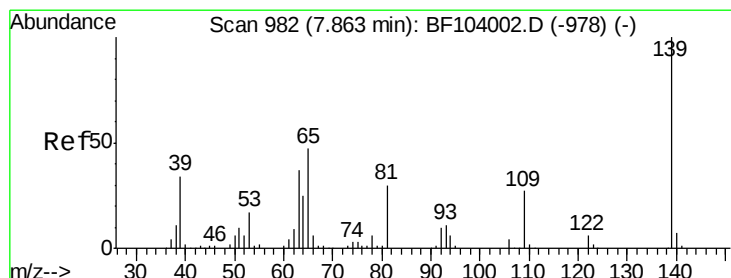
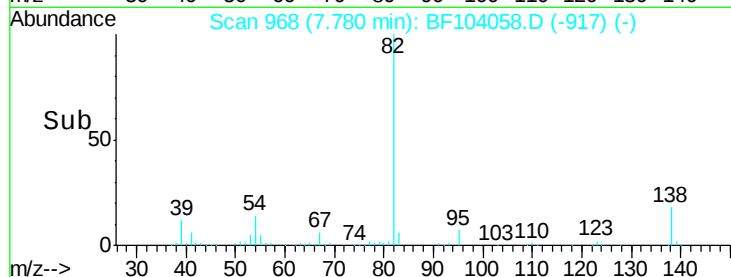
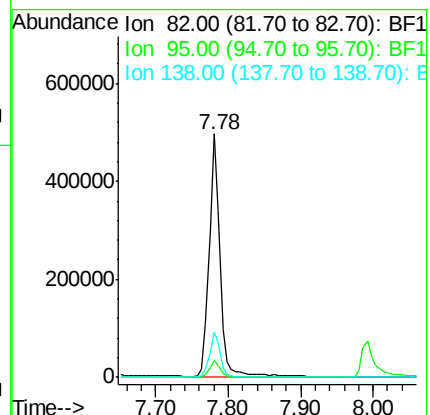
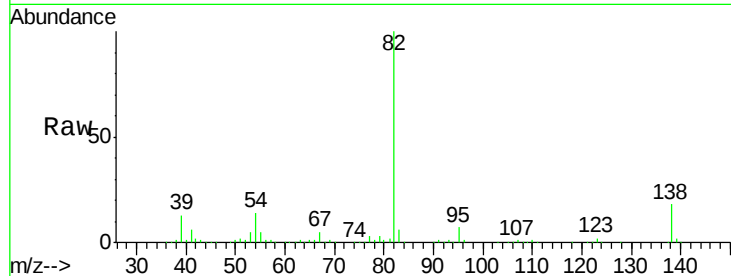
Tot Ion: 82 Resp: 523330

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 30.663 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

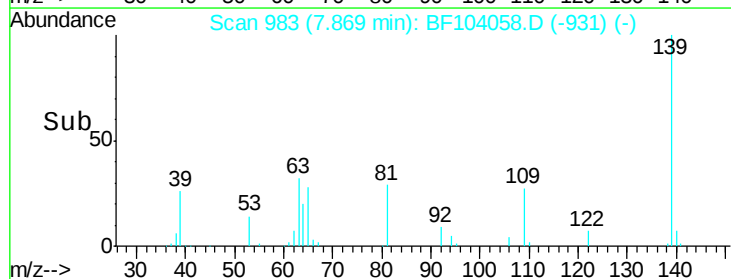
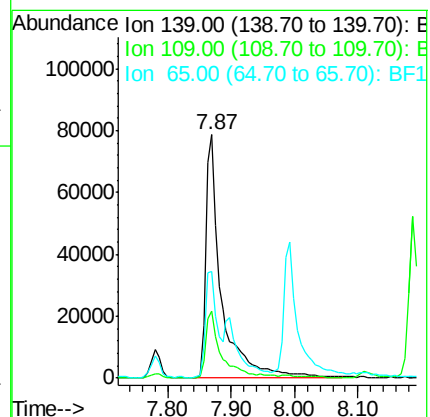
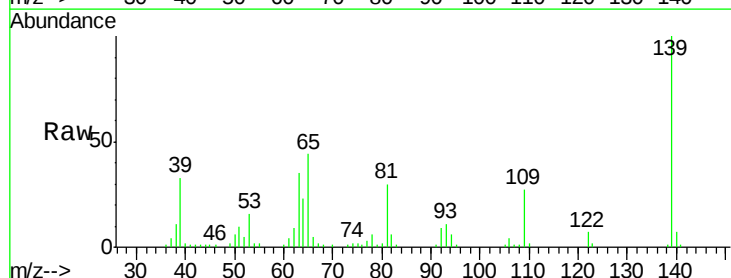
Tgt Ion: 139 Resp: 133632

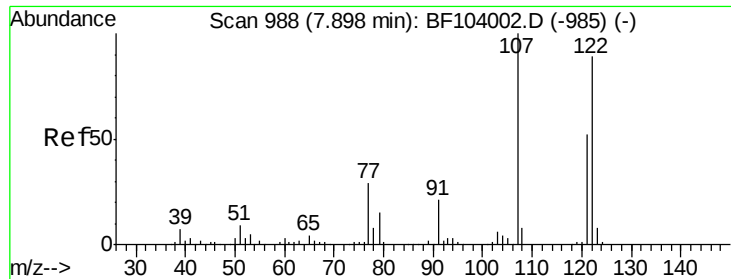
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 44.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.735 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampled :

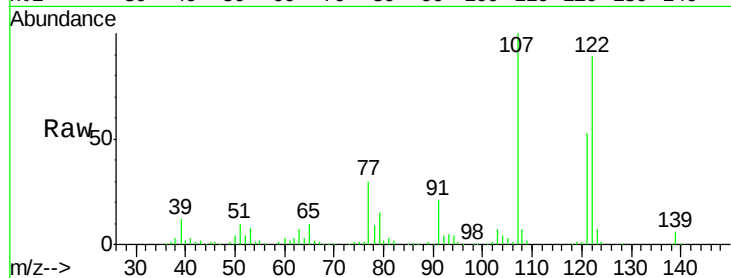
Tot Ion:122 Resp: 237176

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

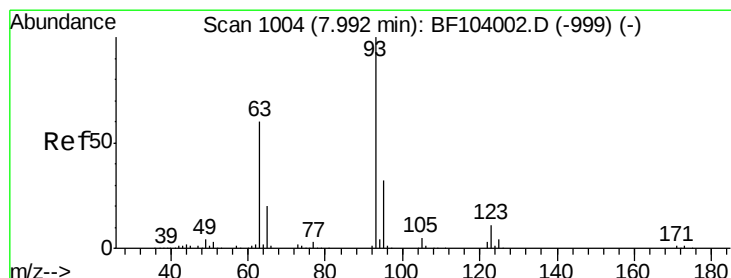
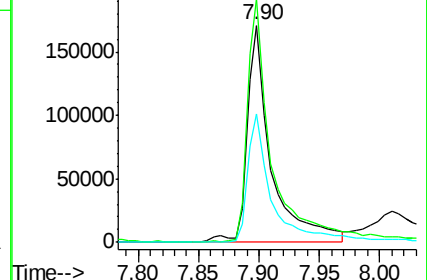
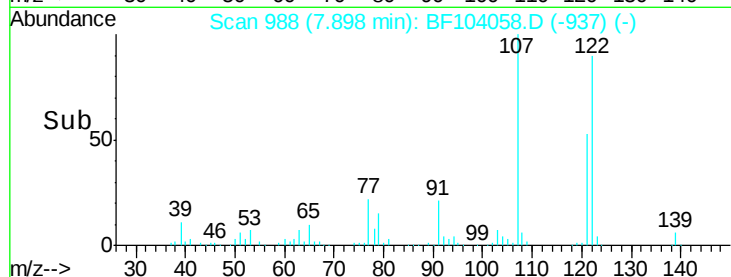
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.978 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

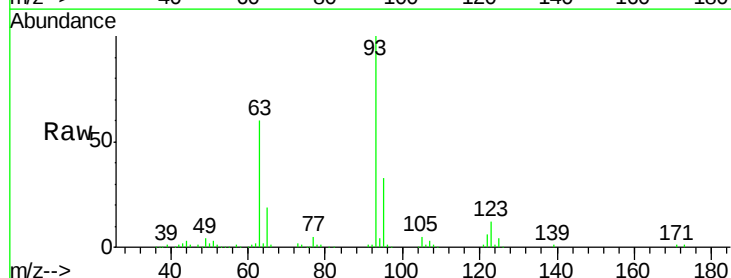
Tgt Ion: 93 Resp: 329744

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

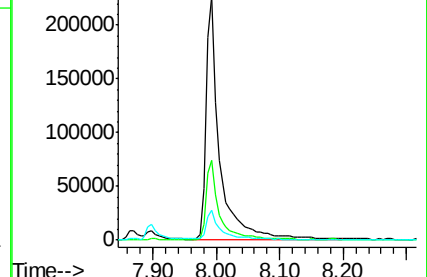
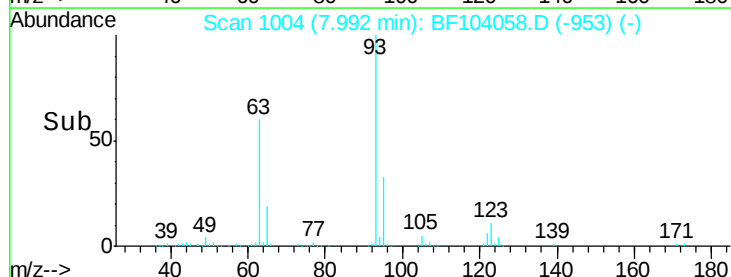
123 12.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

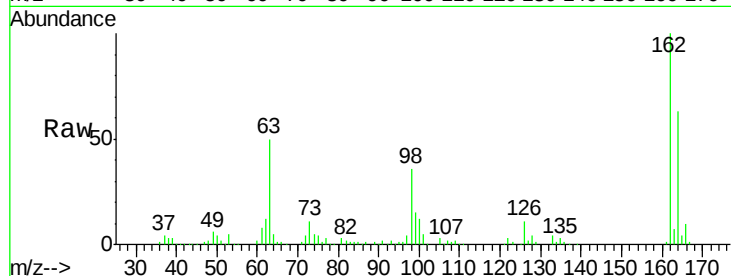




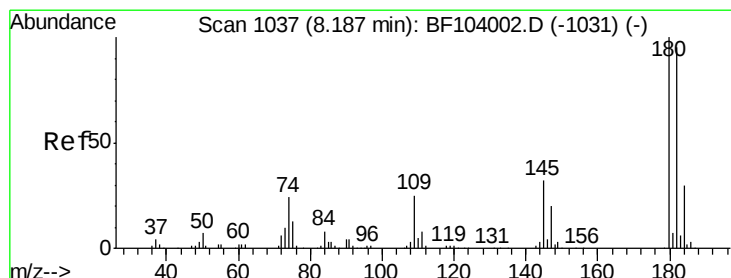
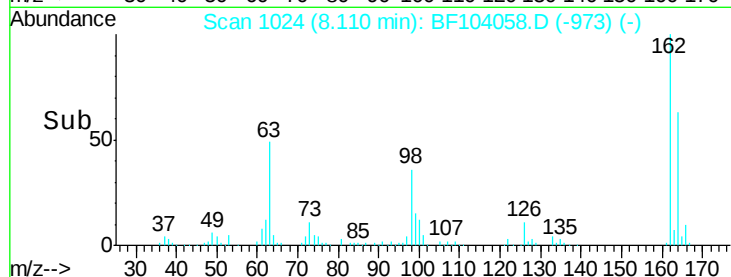
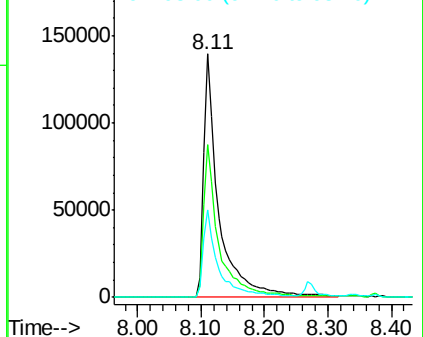
#29
 2,4-Dichlorophenol
 Concen: 35.770 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 234826
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 35.9 18.1 58.1

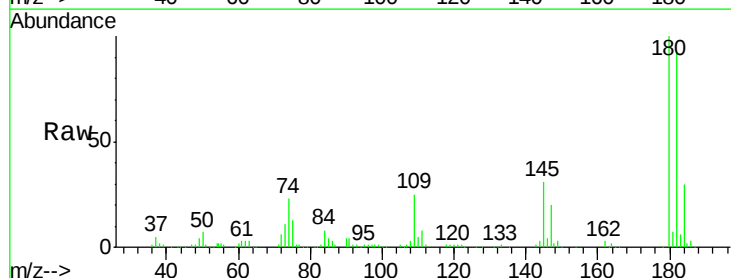


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

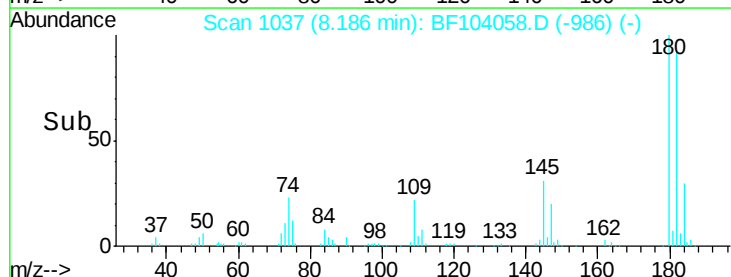
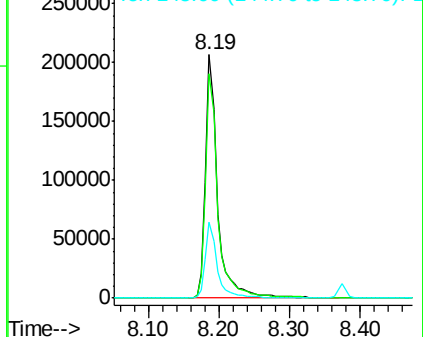


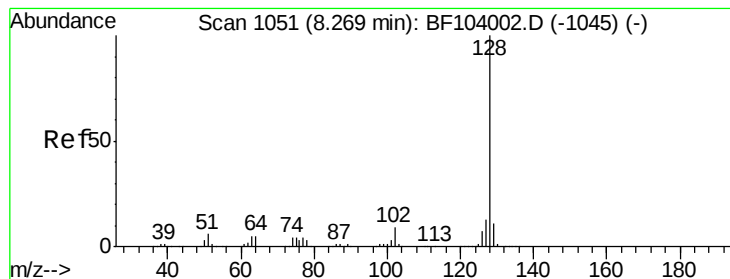
#30
 1,2,4-Trichlorobenzene
 Concen: 33.151 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:180 Resp: 246934
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.8 115.2
 145 31.2 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: 35.527 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

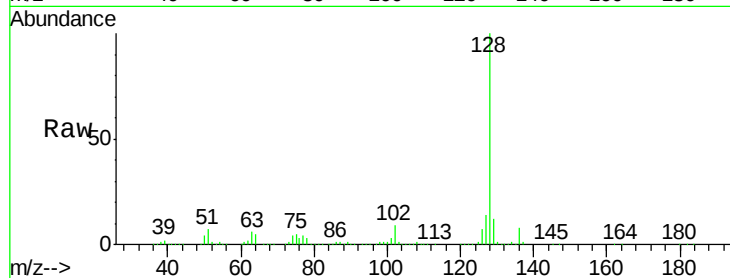
Tot Ion:128 Resp: 842246

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

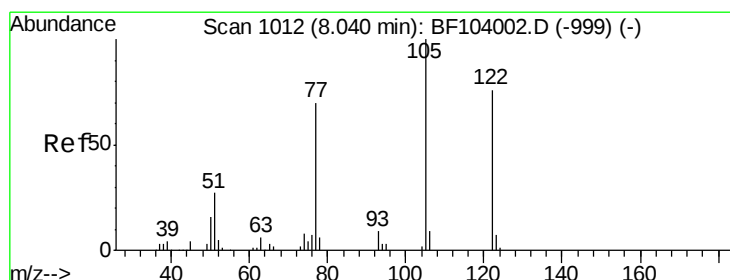
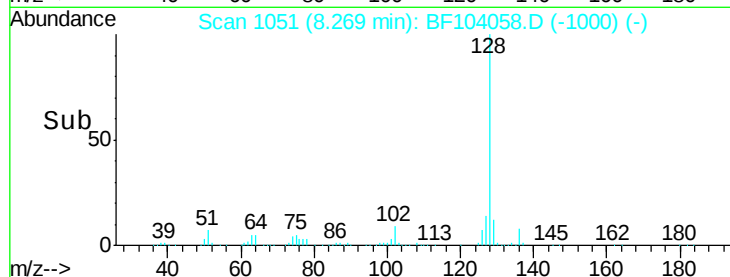
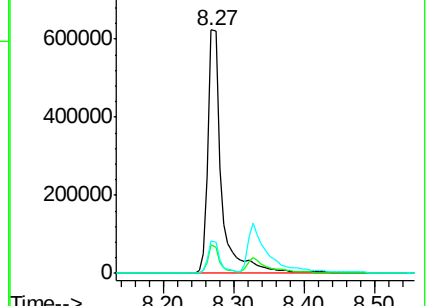
127 13.6 10.9 16.3



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: 18.200 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

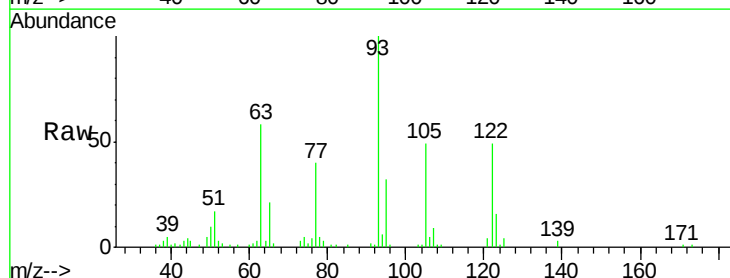
Tgt Ion:122 Resp: 83800

Ion Ratio Lower Upper

122 100

105 98.5 101.1 141.1#

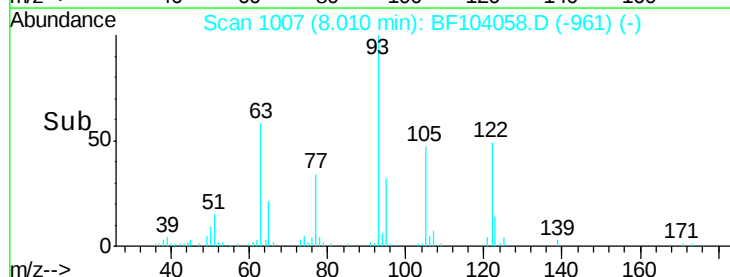
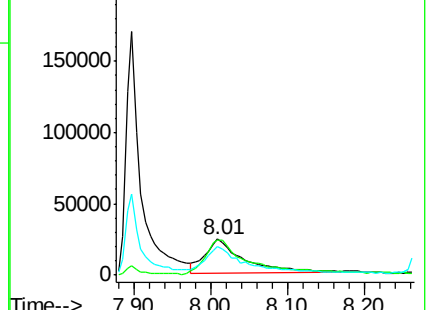
77 81.4 70.7 110.7

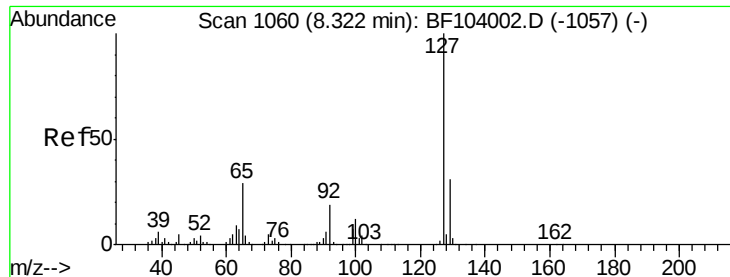


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

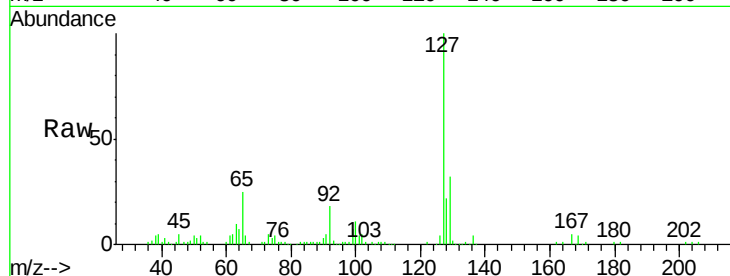




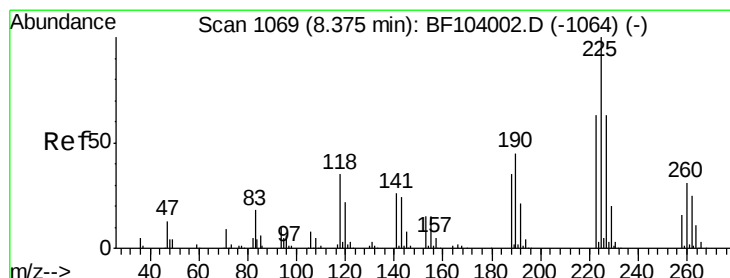
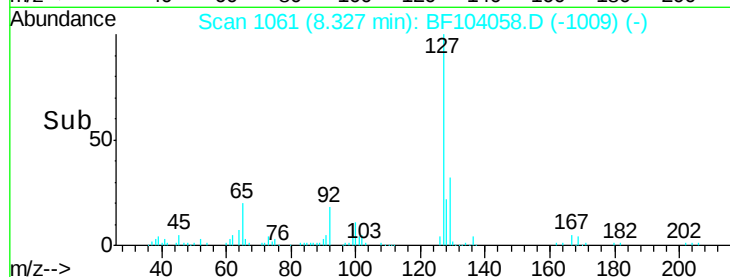
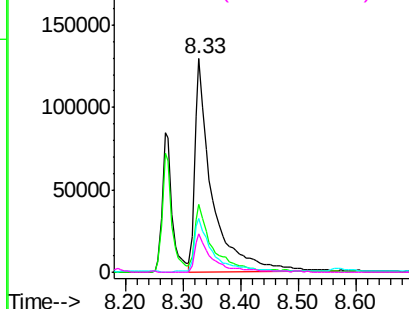
#33
4-Chloroaniline
Concen: 26.712 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	266981
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	25.4	25.0	37.4
92	17.9	15.2	22.8

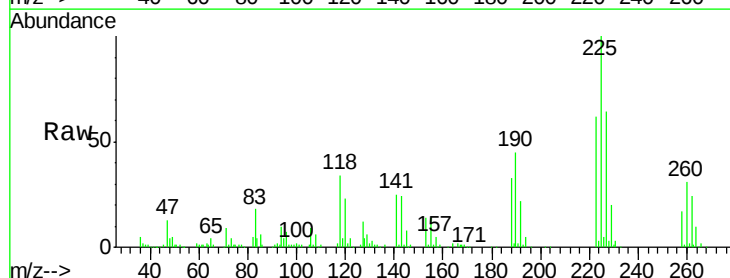


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

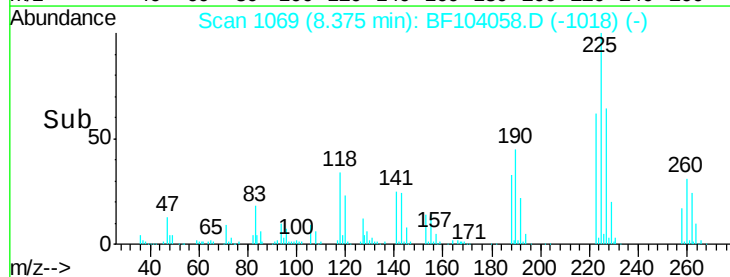
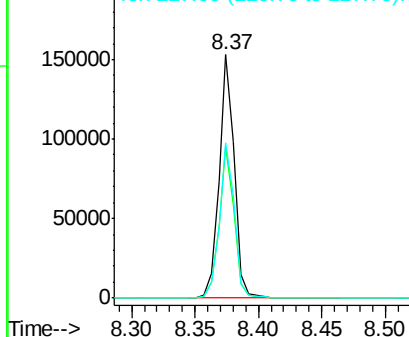


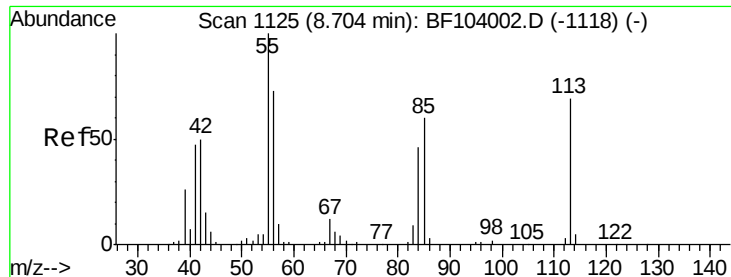
#34
Hexachlorobutadiene
Concen: 31.892 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:	225	Resp:	129270
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.0	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

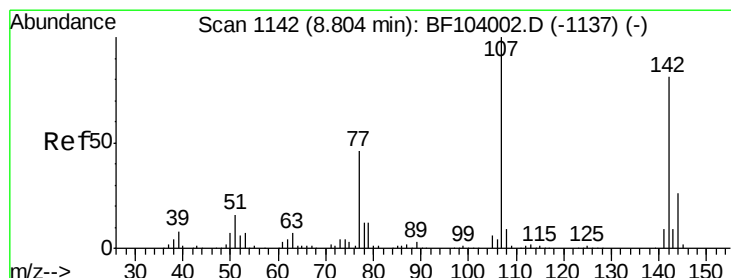
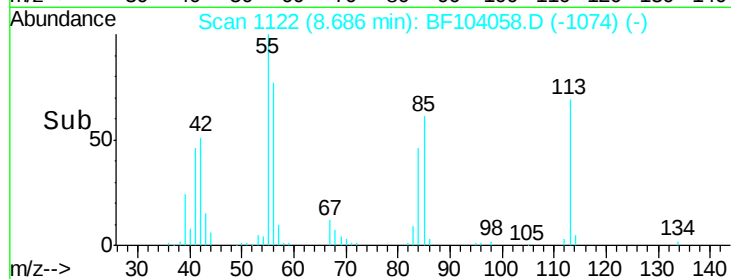
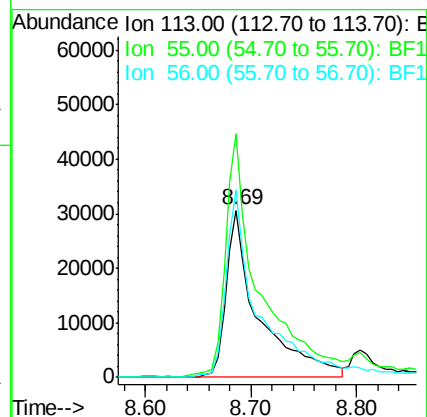
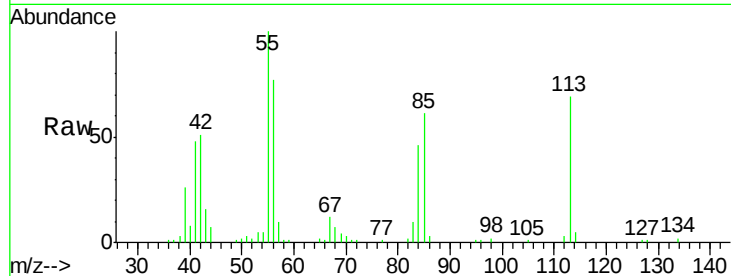




#35
 Caprolactam
 Concen: 31.647 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

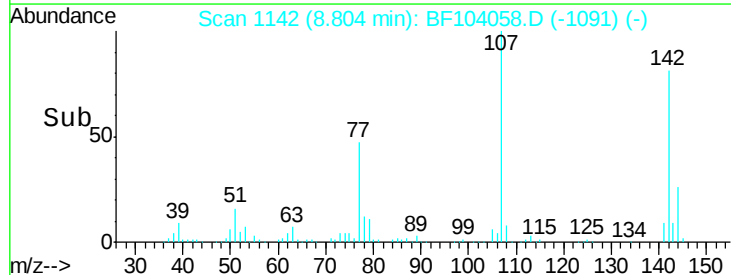
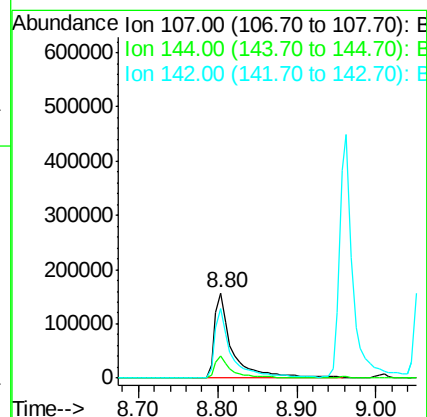
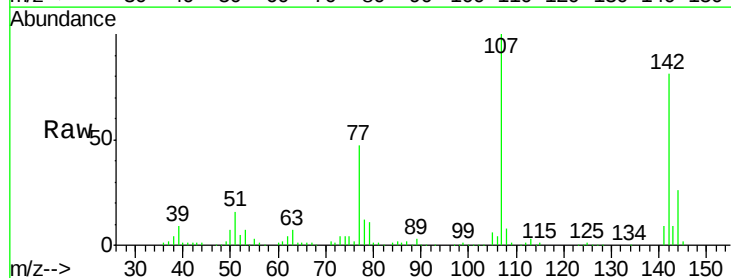
Instrument :
 BNA_F
 ClientSampleId :

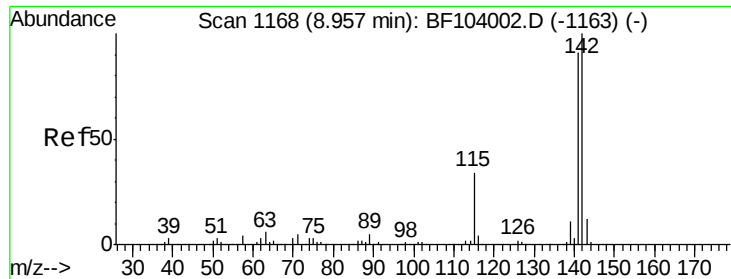
Tot Ion:113 Resp: 65877
 Ion Ratio Lower Upper
 113 100
 55 145.4 163.3 203.3#
 56 111.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.765 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:107 Resp: 241402
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 81.2 62.0 93.0

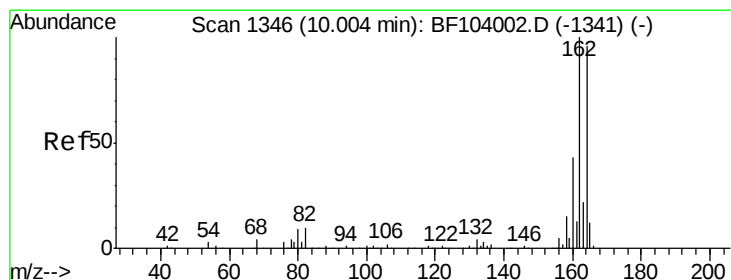
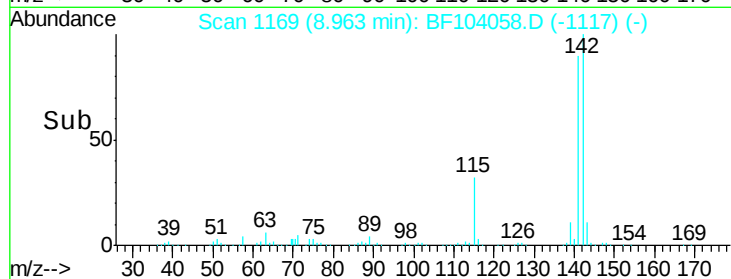
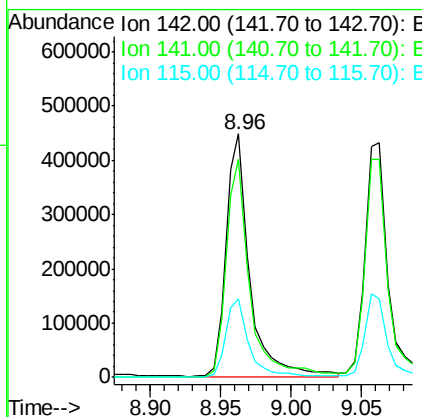
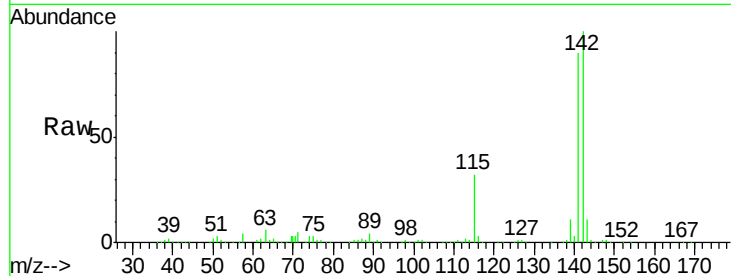




#37
 2-Methylnaphthalene
 Concen: 33.507 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

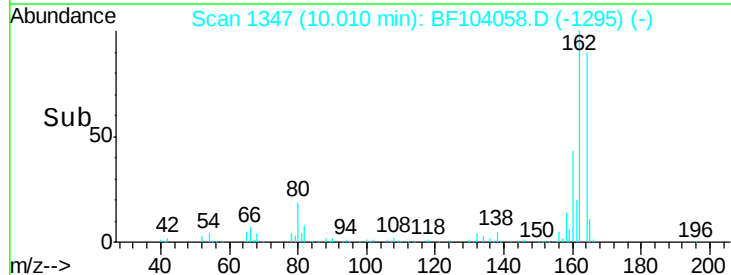
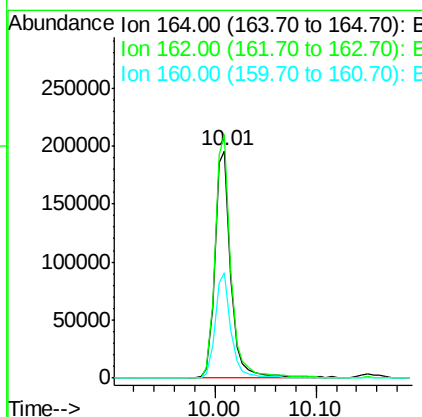
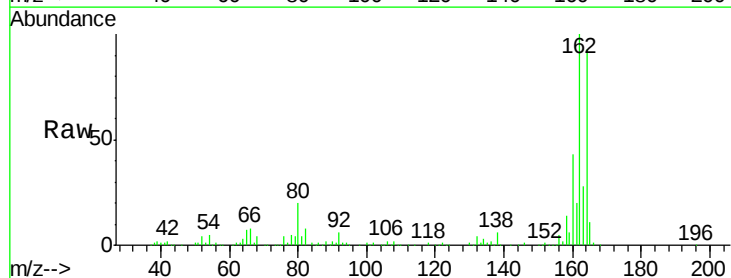
Instrument :
 BNA_F
 ClientSampleId :

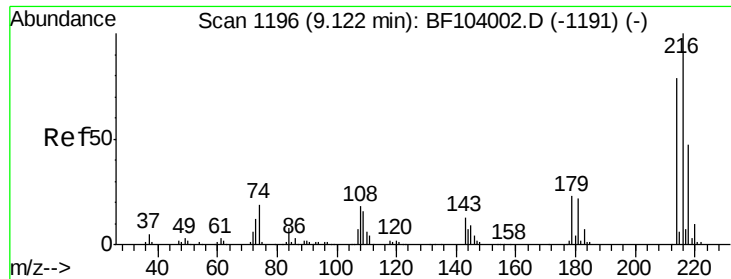
Tot Ion:142 Resp: 523245
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 32.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:164 Resp: 216281
 Ion Ratio Lower Upper
 164 100
 162 107.0 86.1 129.1
 160 46.4 38.3 57.5

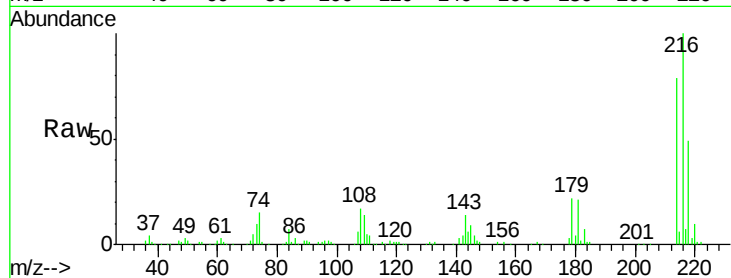




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.873 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.5	18.1	27.1
108	18.8	17.2	25.8

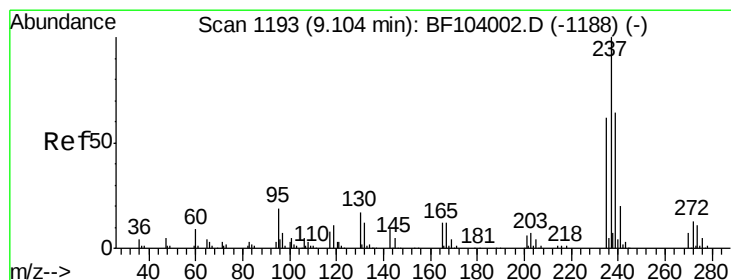
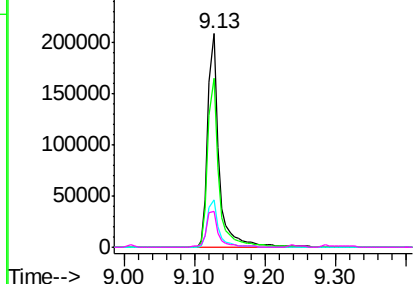
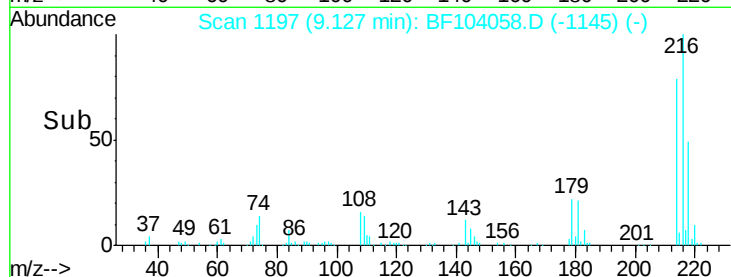


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

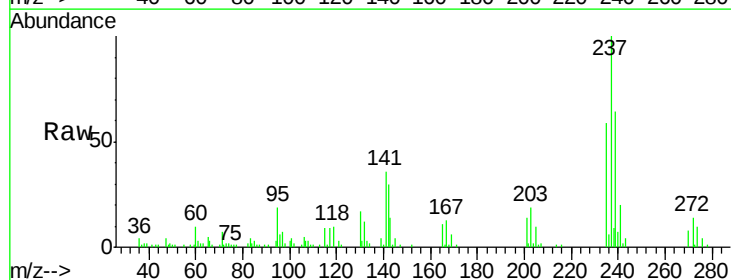
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 16.798 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

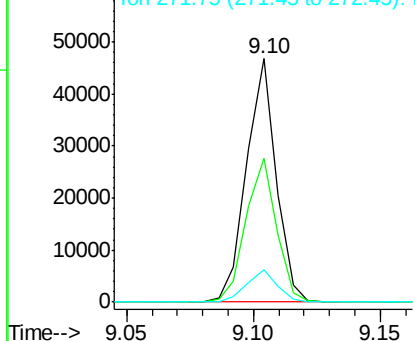
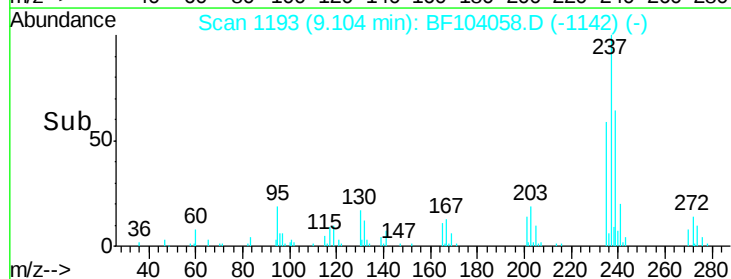
Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.3	44.8	84.8
272	13.5	0.0	33.3

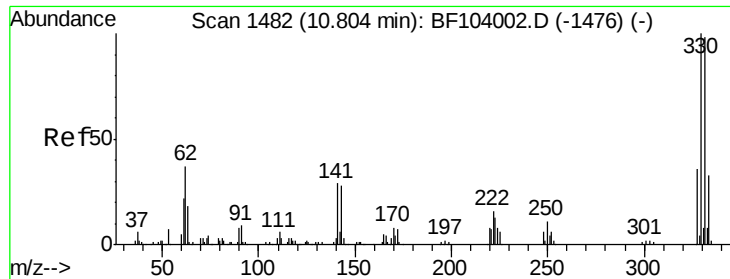


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

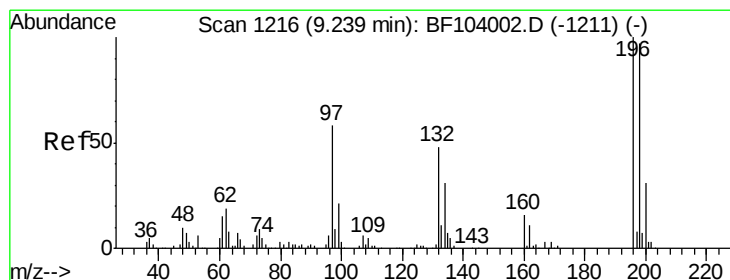
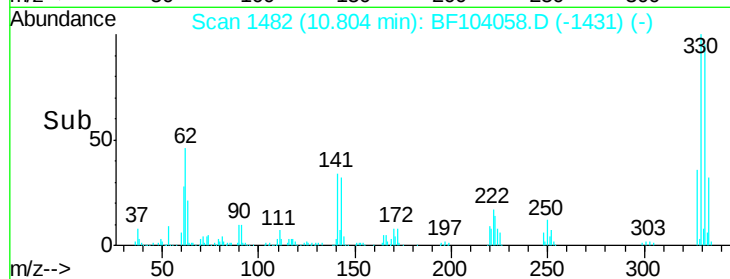
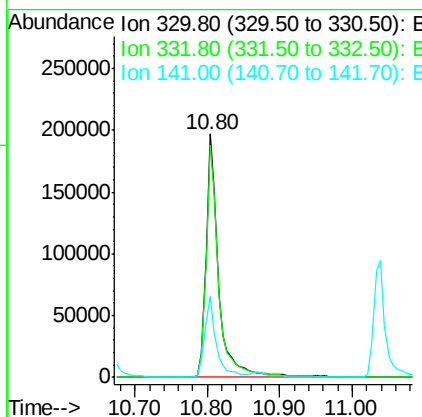
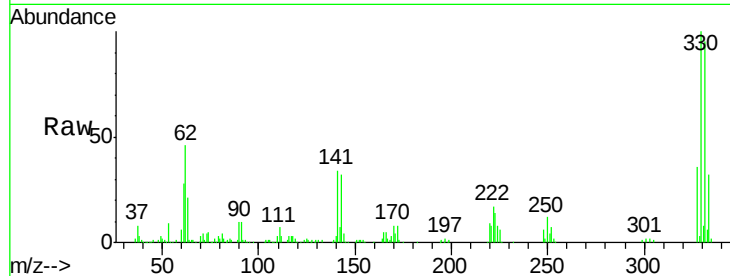




#41
 2,4,6-Tribromophenol
 Concen: 99.202 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

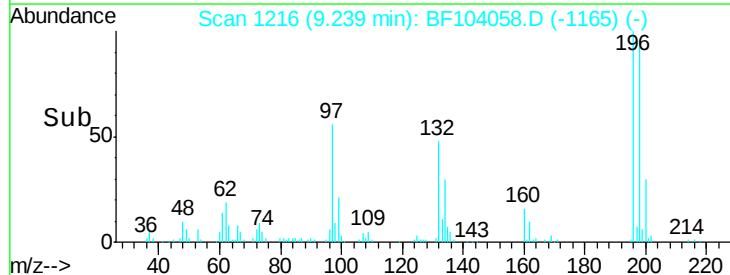
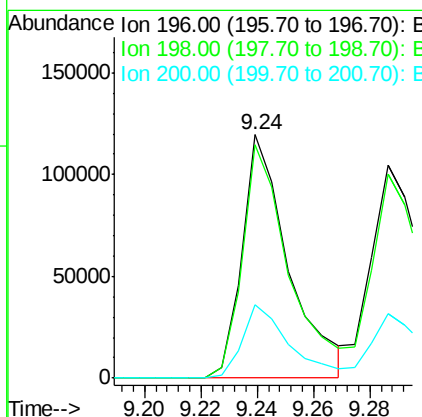
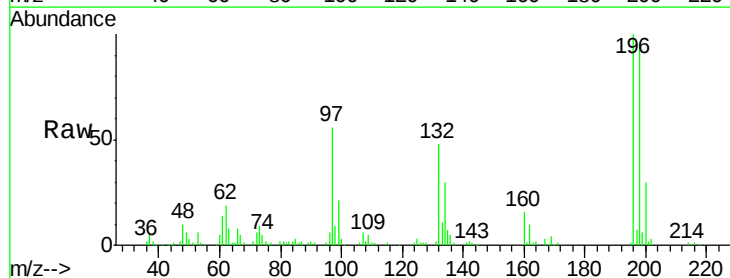
Instrument :
 BNA_F
 ClientSampled :

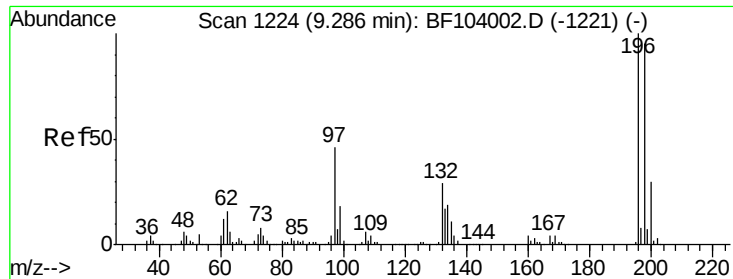
Tot Ion:330 Resp: 238908
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 31.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 32.544 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:196 Resp: 136677
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 30.0 24.5 36.7

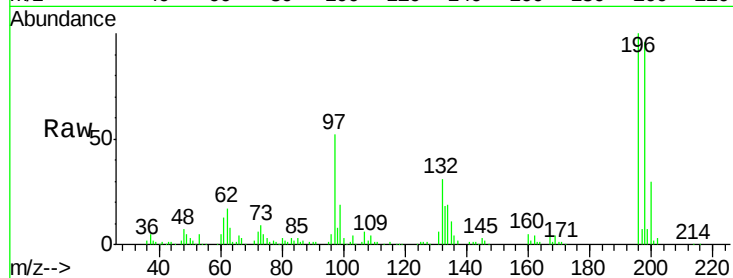




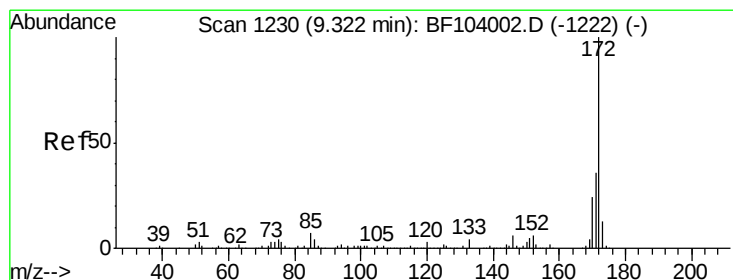
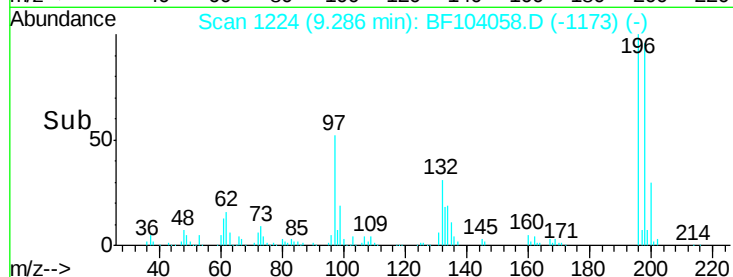
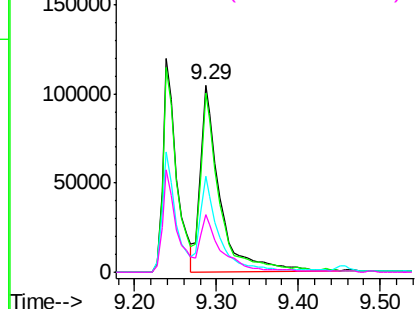
#43
 2,4,5-Trichlorophenol
 Concen: 34.106 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 172946
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 51.6 42.9 64.3
 132 30.8 26.3 39.5

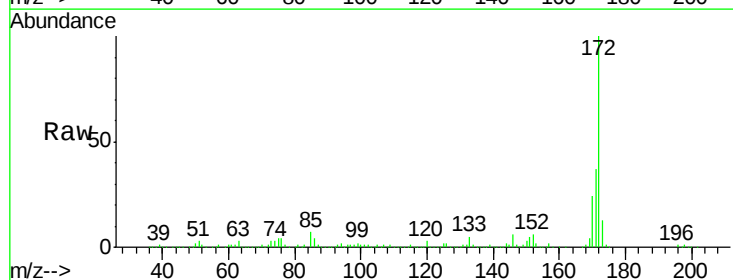


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

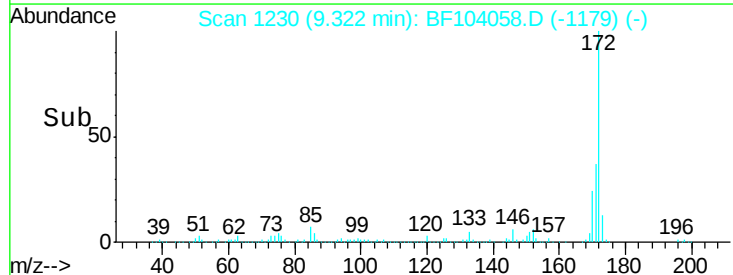
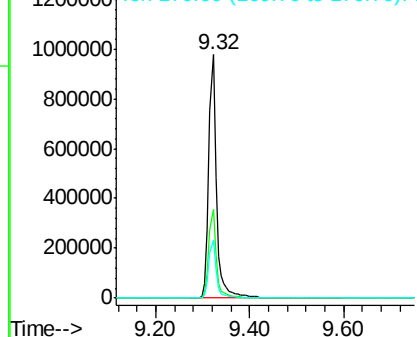


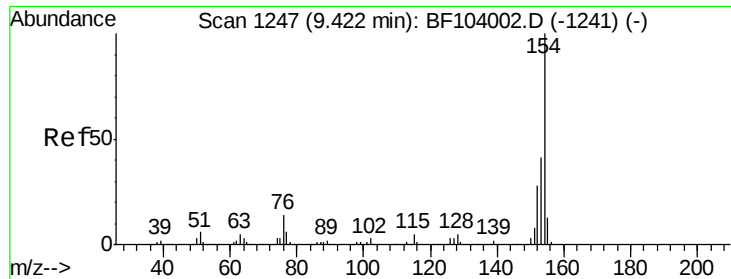
#44
 2-Fluorobiphenyl
 Concen: 80.065 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:172 Resp: 1098121
 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

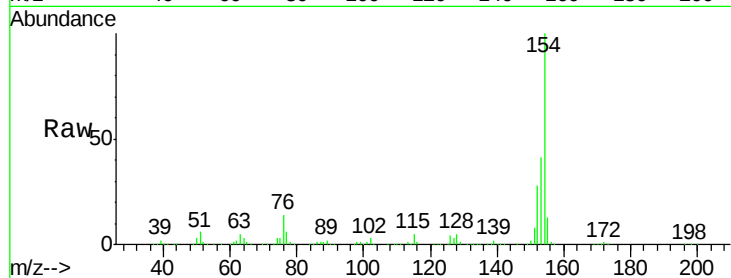




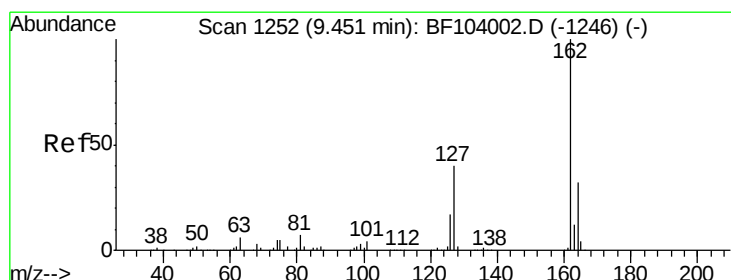
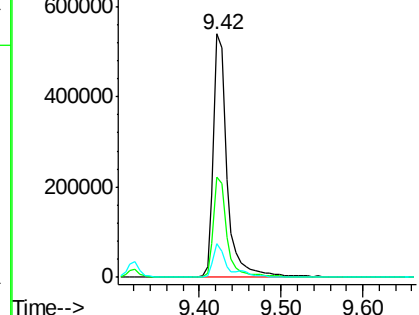
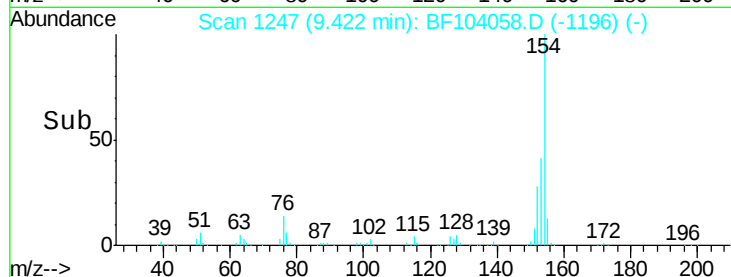
#45
 1,1'-Biphenyl
 Concen: 34.071 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	13.8	0.0	34.0

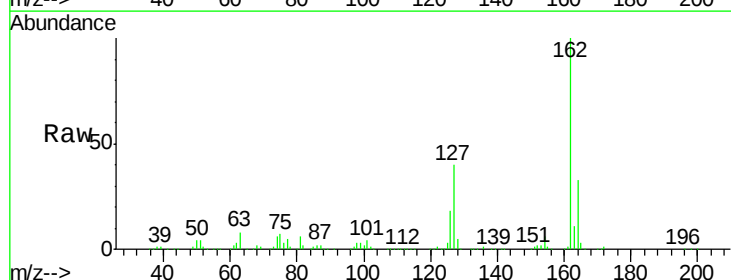


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

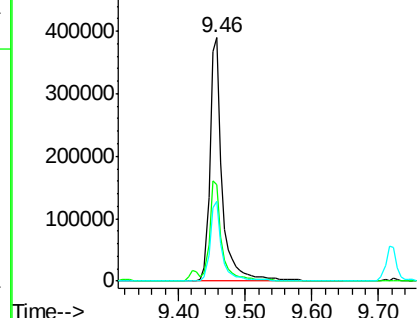
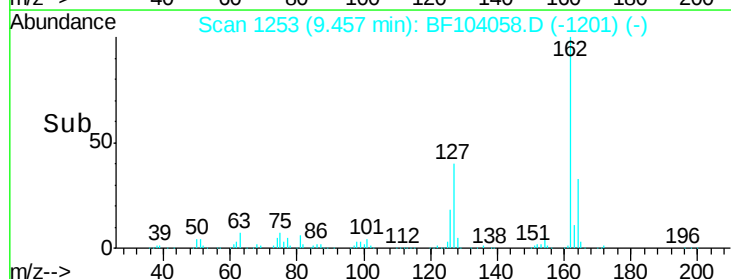


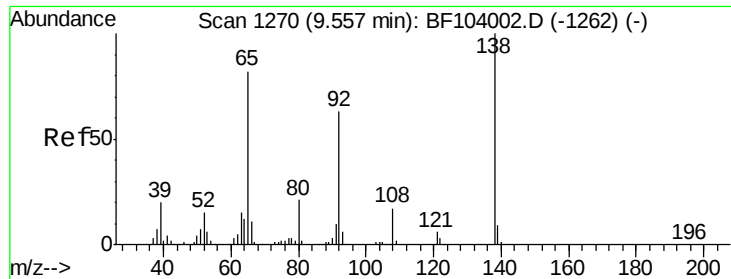
#46
 2-Chloronaphthalene
 Concen: 33.833 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.7	26.5	39.7



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

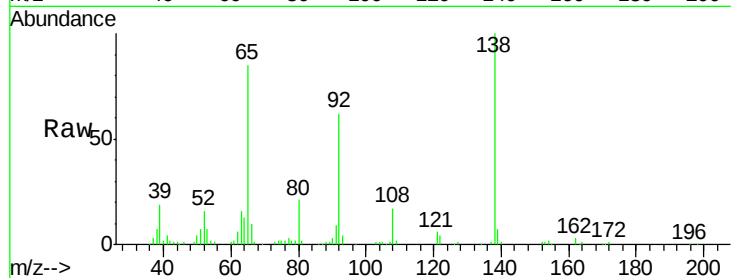




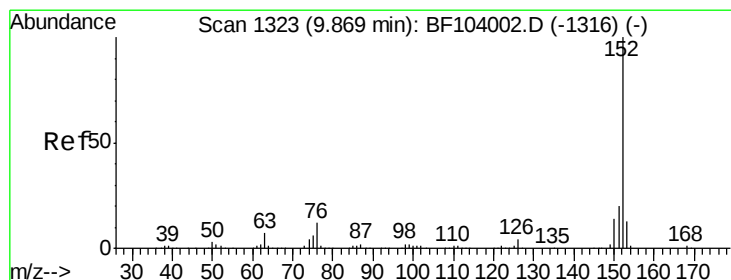
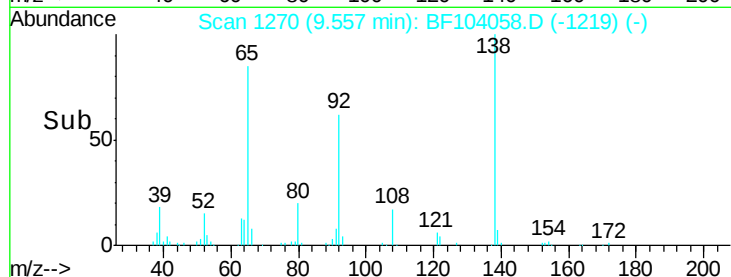
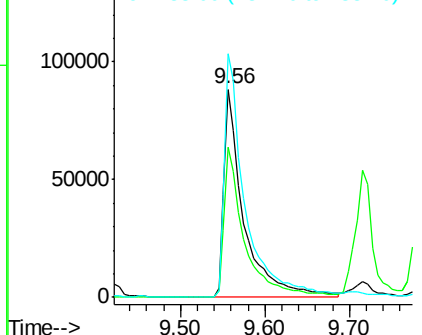
#47
2-Nitroaniline
Concen: 34.881 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 145640
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 117.1 91.2 136.8

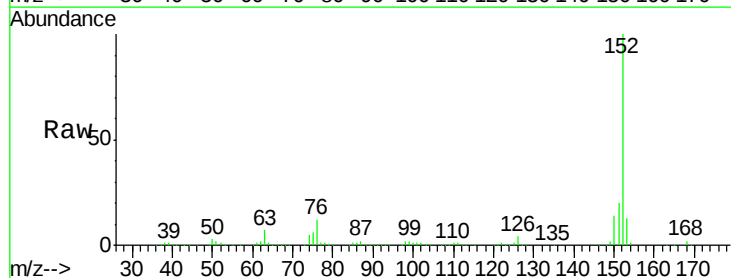


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

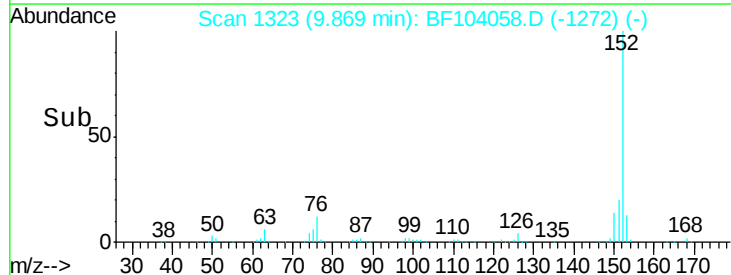
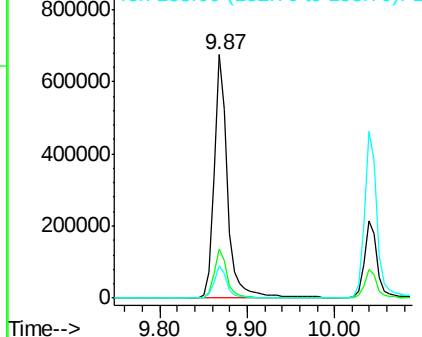


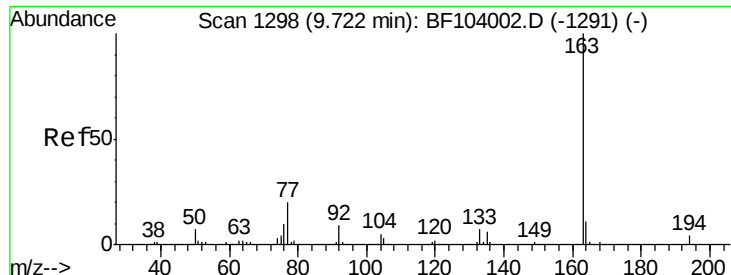
#48
Acenaphthylene
Concen: 32.522 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion: 152 Resp: 721436
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.2 10.7 16.1



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

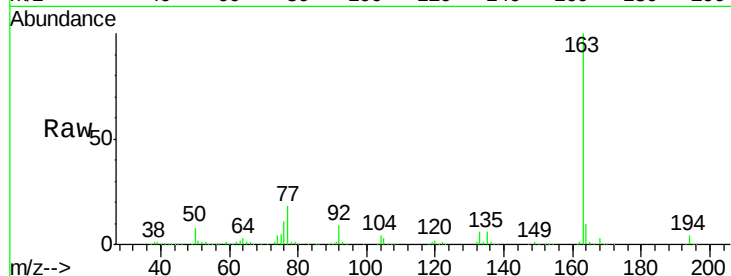




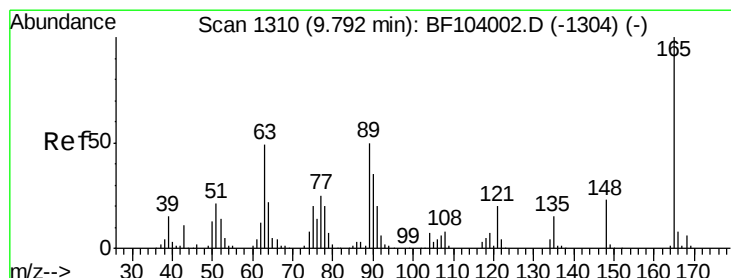
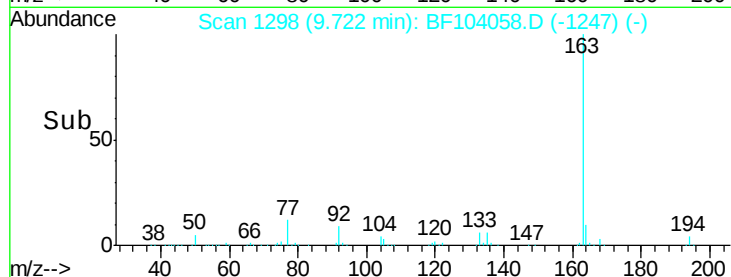
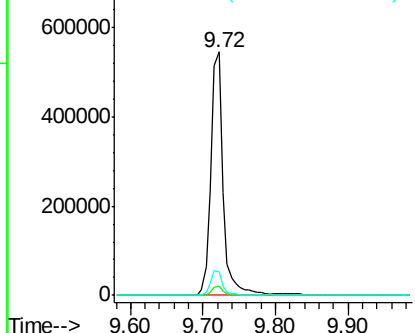
#49
Dimethylphthalate
Concen: 38.455 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 656663
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

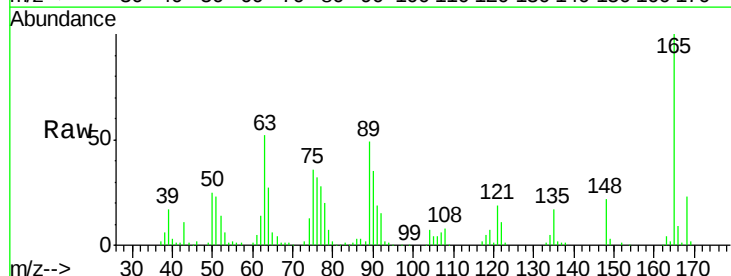


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

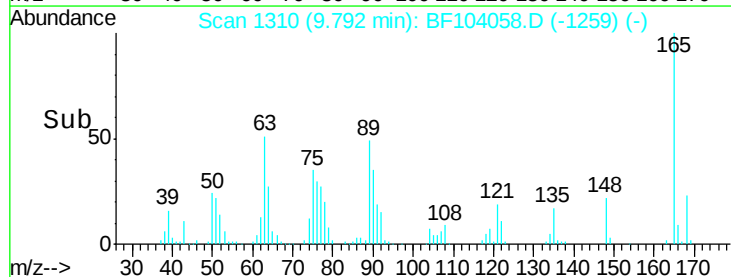
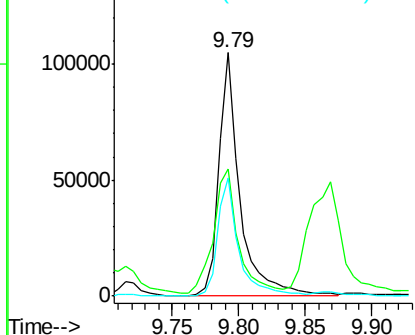


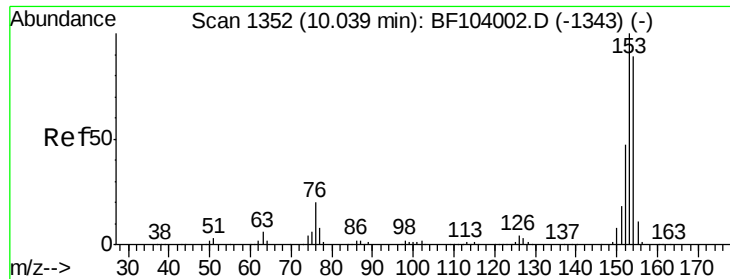
#50
2,6-Dinitrotoluene
Concen: 32.059 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:165 Resp: 117778
Ion Ratio Lower Upper
165 100
63 52.4 44.7 67.1
89 48.7 44.0 66.0



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





#51

Acenaphthene

Concen: 32.753 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

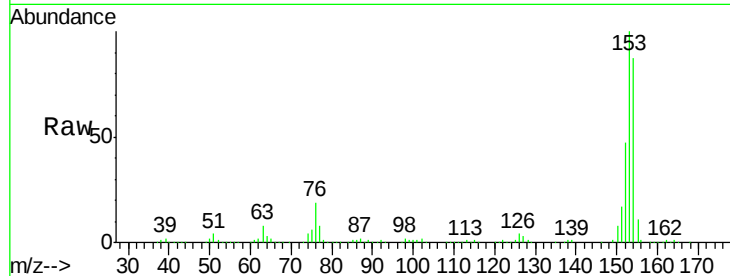
Tot Ion:154 Resp: 420313

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

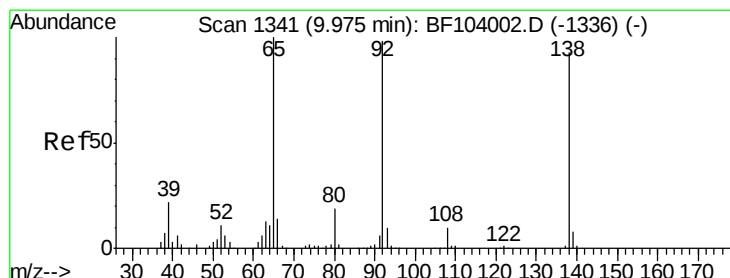
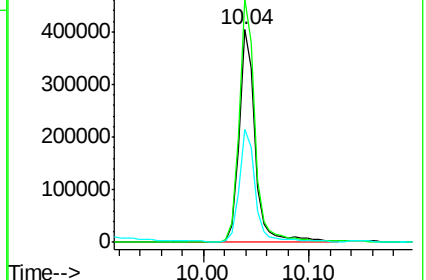
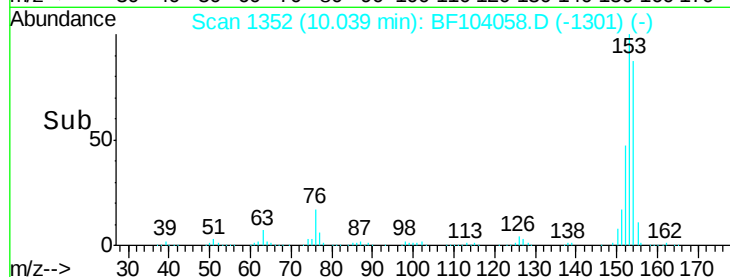
152 53.5 43.8 65.8



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: 29.932 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

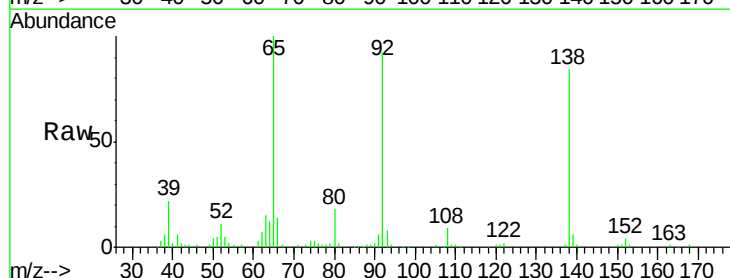
Tgt Ion:138 Resp: 126408

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

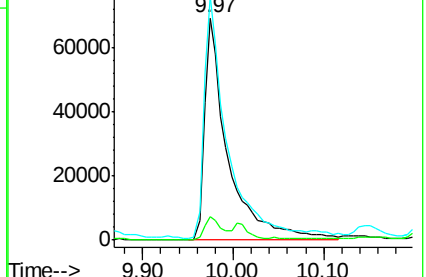
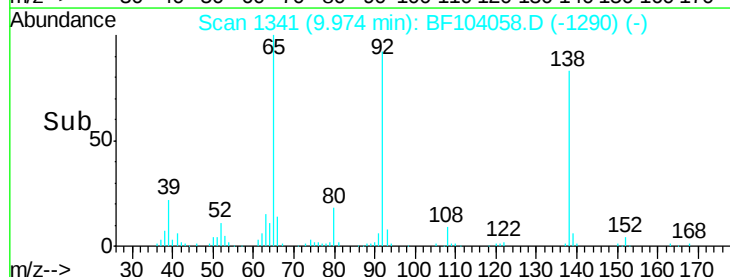
92 109.6 89.4 134.2

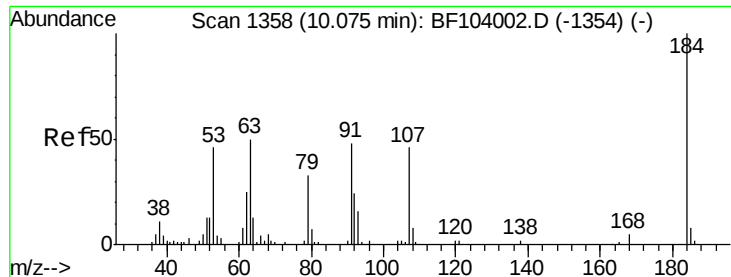


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

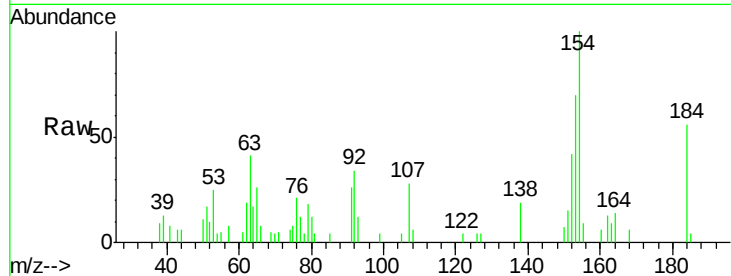




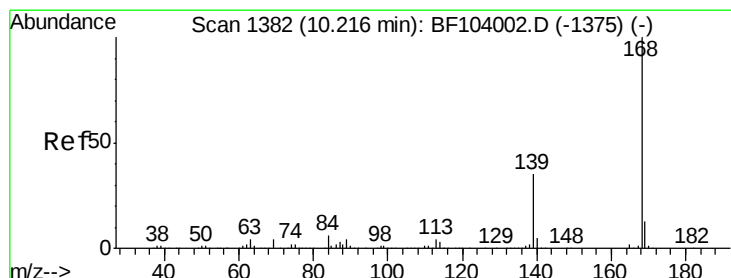
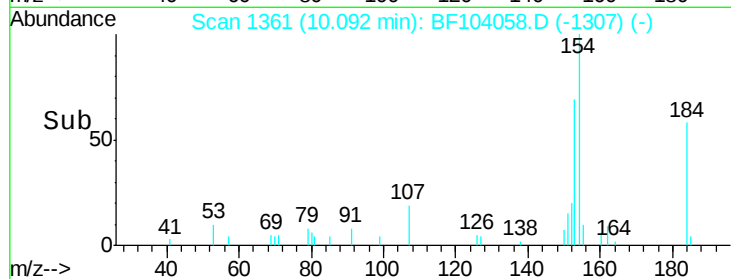
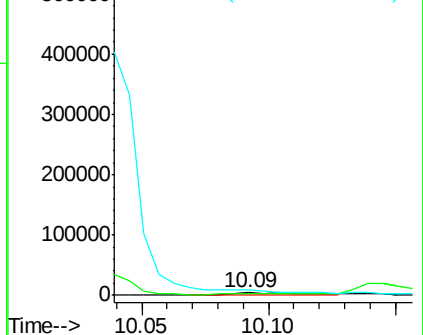
#53
 2,4-Dinitrophenol
 Concen: 11.498 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 10215
 Ion Ratio Lower Upper
 184 100
 63 73.5 54.2 81.2
 154 179.2 184.0 276.0#

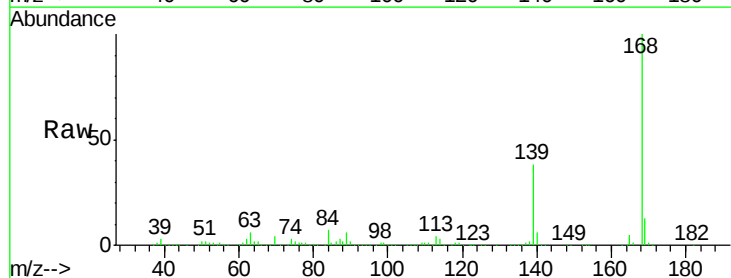


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

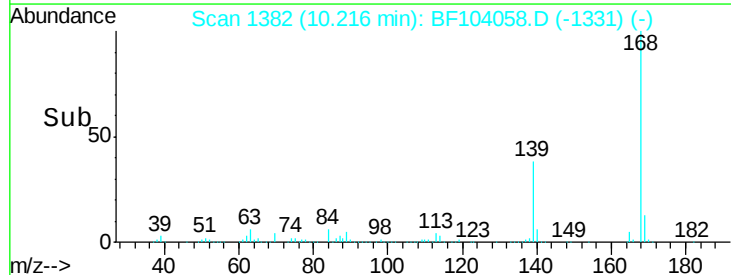
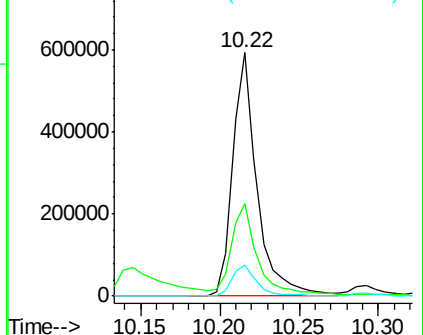


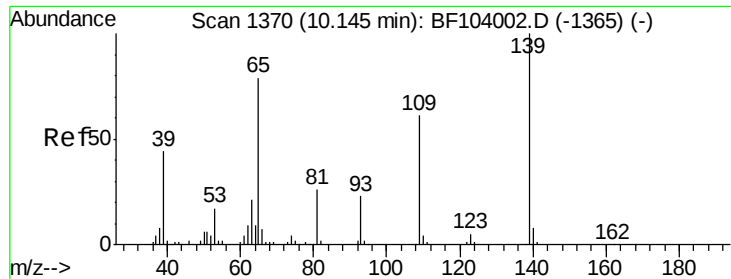
#54
 Dibenzofuran
 Concen: 33.842 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:168 Resp: 634183
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.0 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

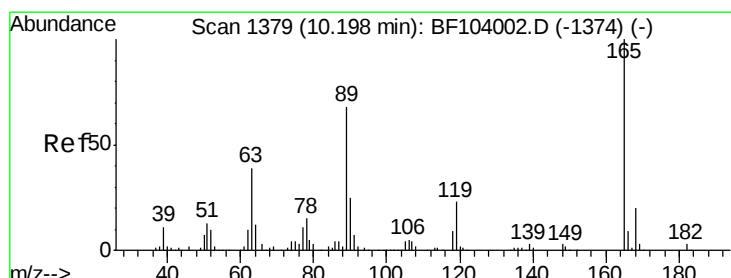
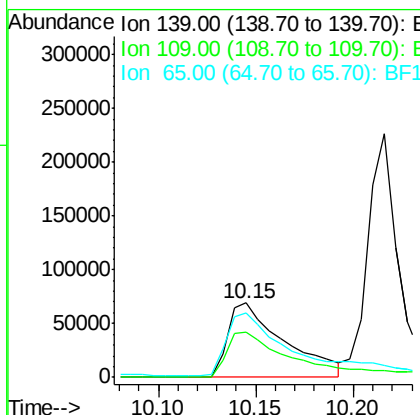
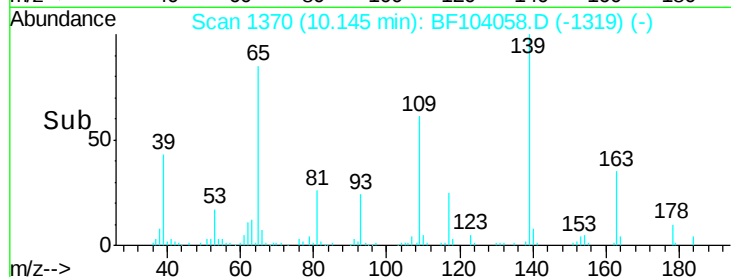
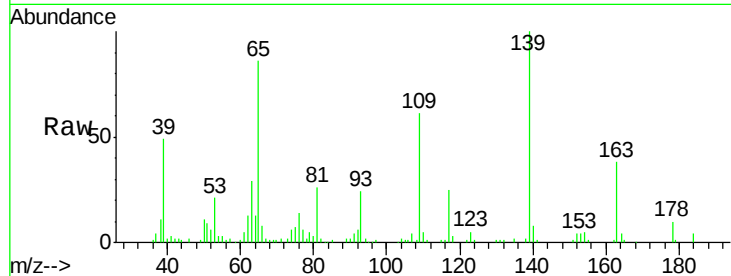




#55
4-Nitrophenol
Concen: 54.566 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

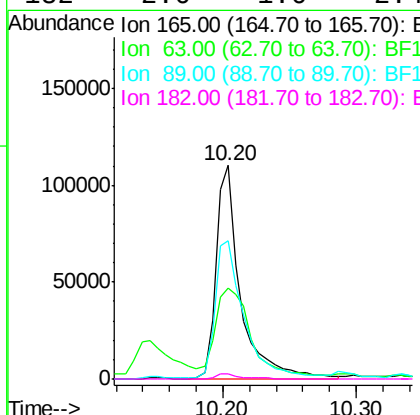
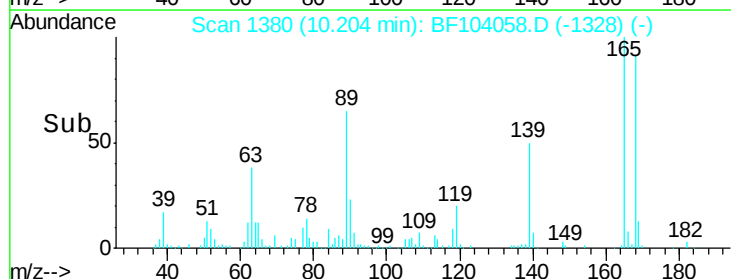
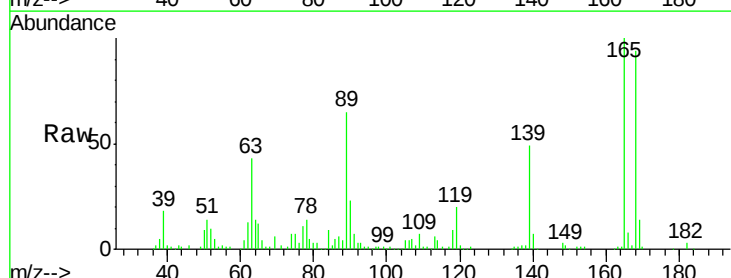
Instrument :
BNA_F
ClientSampled :

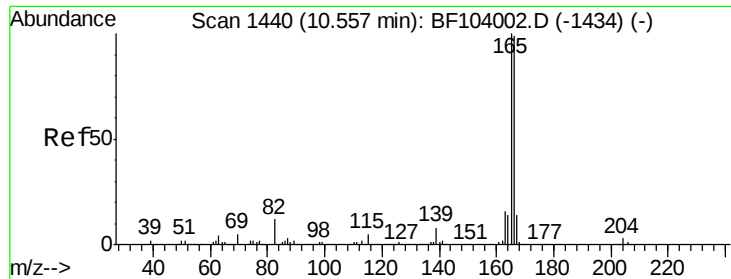
Tot Ion:139 Resp: 138173
Ion Ratio Lower Upper
139 100
109 60.8 48.4 88.4
65 85.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 30.410 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:165 Resp: 142560
Ion Ratio Lower Upper
165 100
63 42.7 36.4 54.6
89 64.7 57.8 86.6
182 2.6 1.6 2.4#

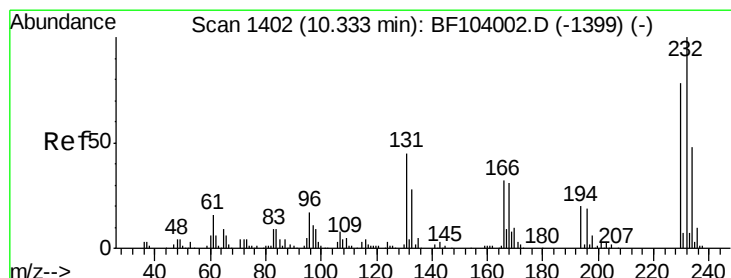
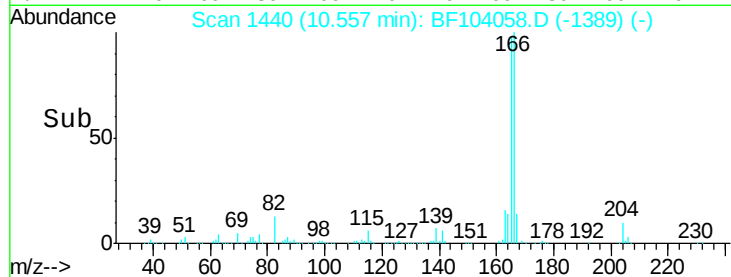
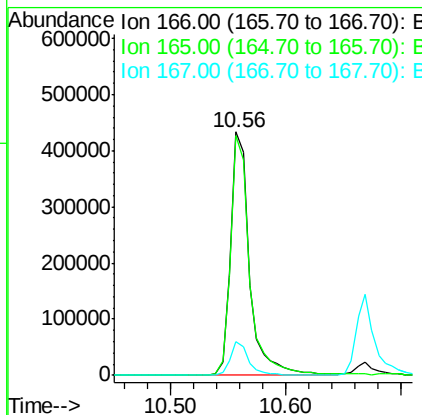
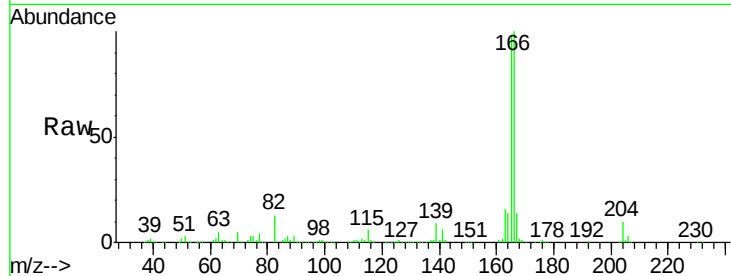




#57
 Fluorene
 Concen: 32.071 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

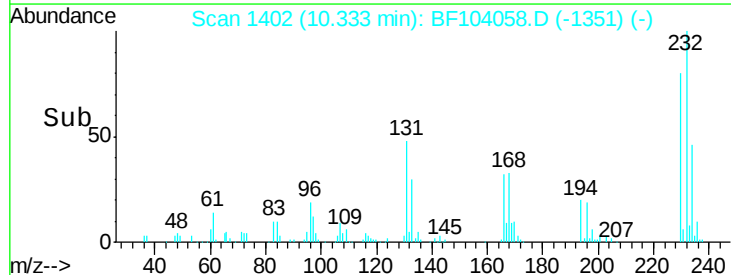
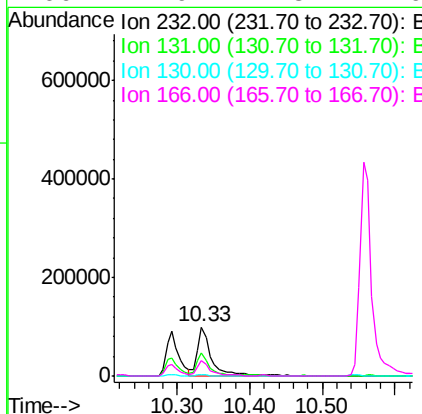
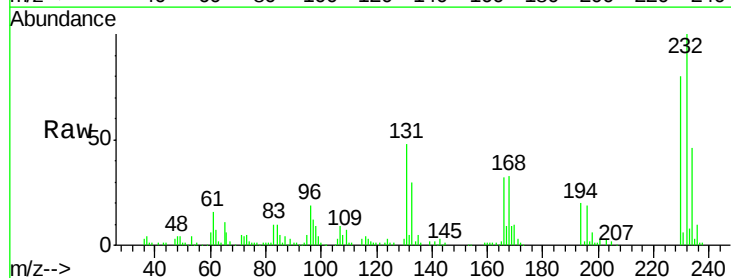
Instrument :
 BNA_F
 ClientSampled :

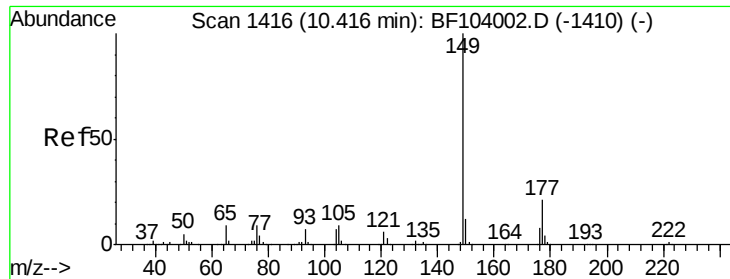
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.214 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.6	43.8	65.8#
130	2.1	2.1	3.1#
166	27.9	27.8	41.6

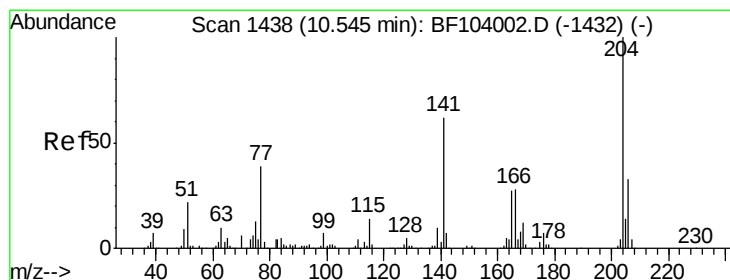
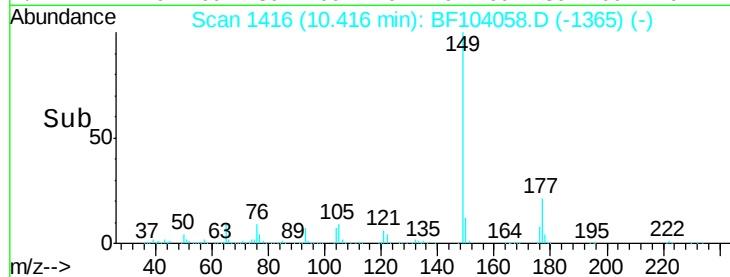
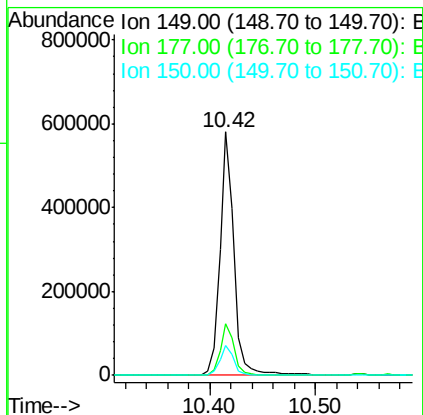
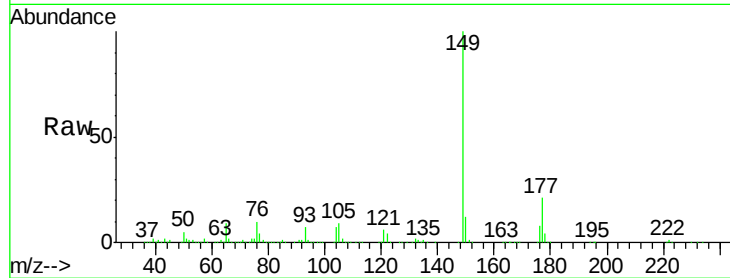




#59
Diethylphthalate
Concen: 33.459 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

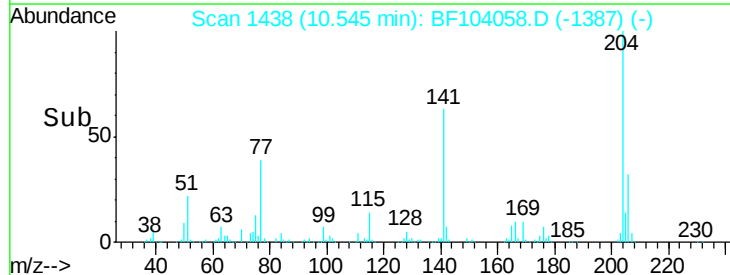
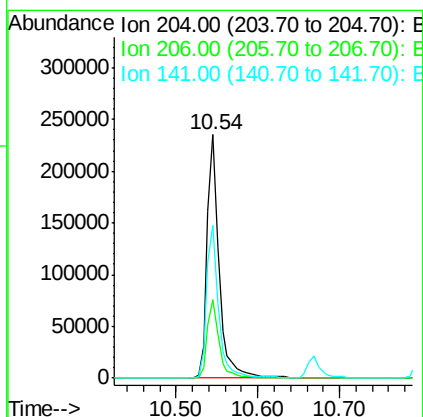
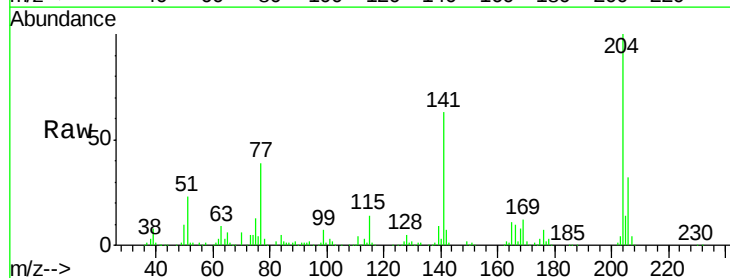
Instrument :
BNA_F
ClientSampleId :

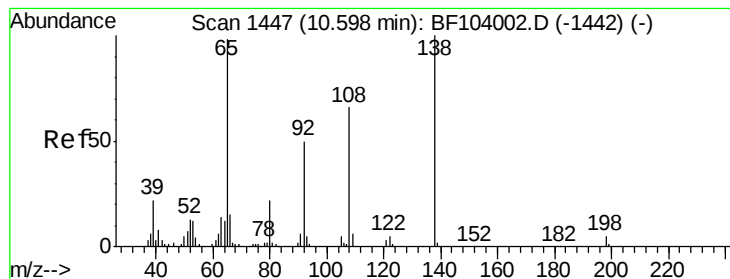
Tot Ion:149 Resp: 547353
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.795 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:204 Resp: 239932
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 62.9 54.6 81.8





#61

4-Nitroaniline

Concen: 31.005 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

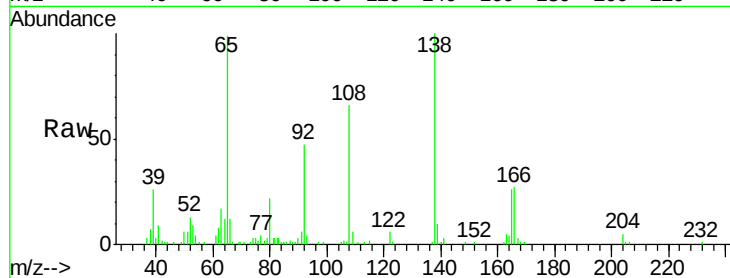
Tot Ion:138 Resp: 122518

Ion Ratio Lower Upper

138 100

92 47.0 30.2 70.2

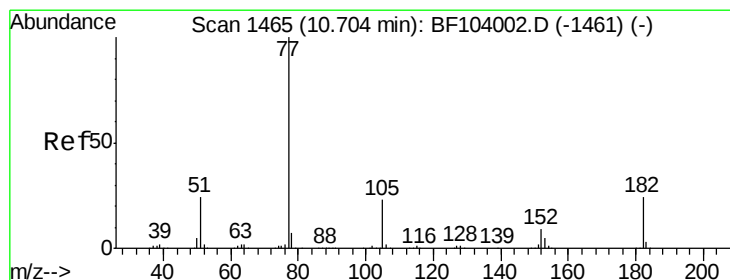
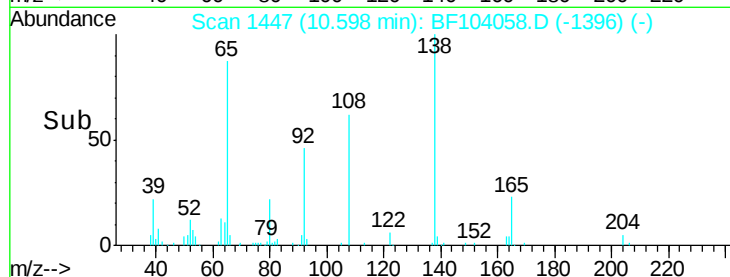
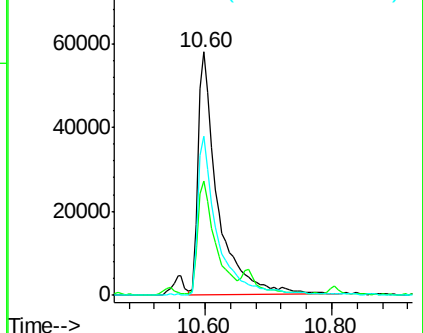
108 65.5 52.5 92.5



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: 32.172 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Tgt Ion: 77 Resp: 475897

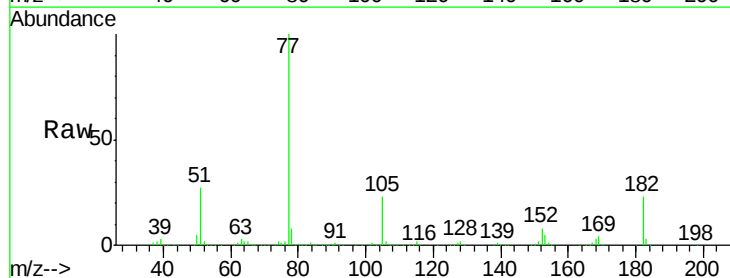
Ion Ratio Lower Upper

77 100

182 23.0 1.7 41.7

105 22.9 3.0 43.0

51 26.7 9.9 49.9

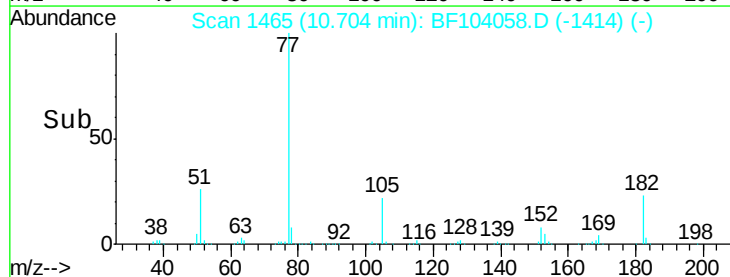
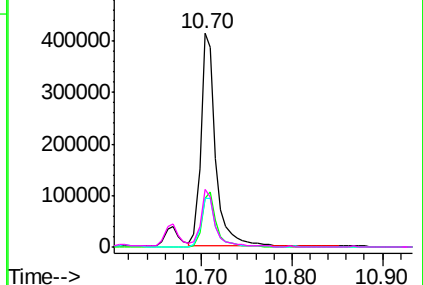


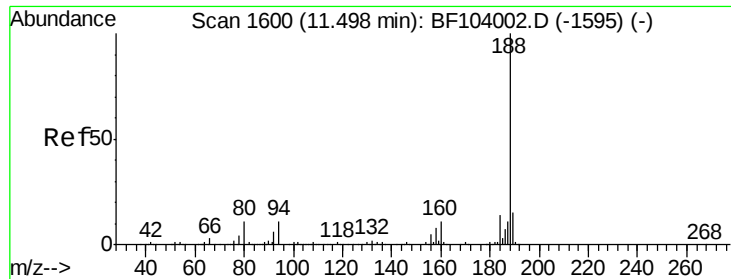
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

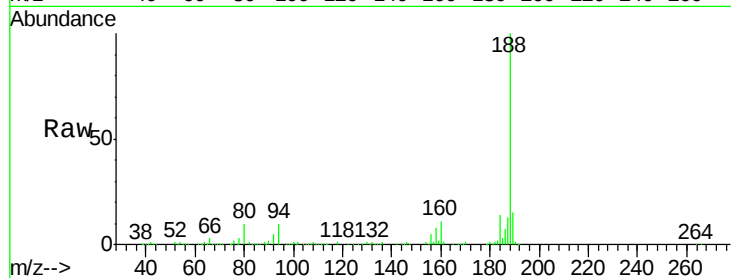




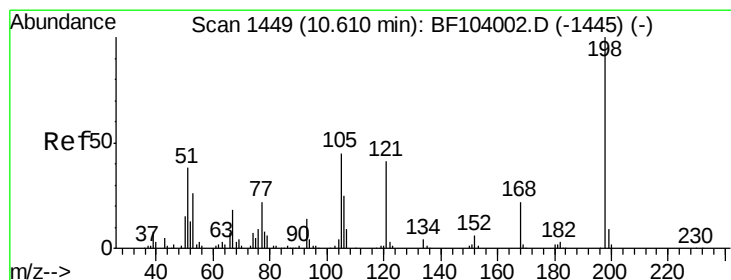
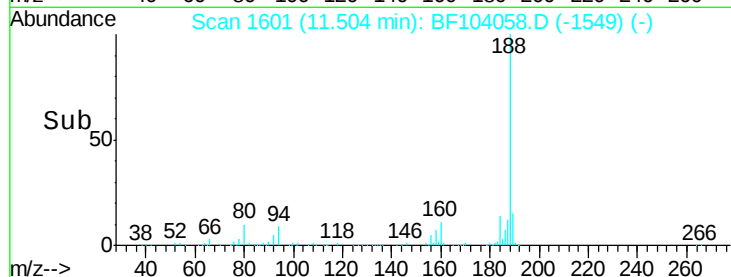
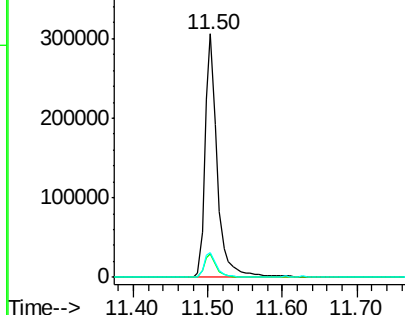
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 350497
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8

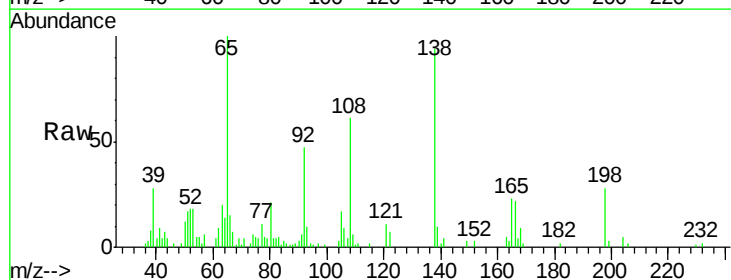


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

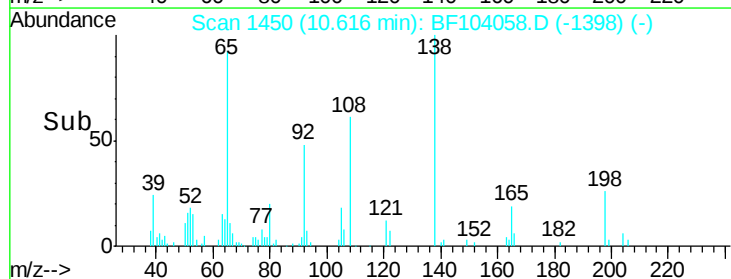
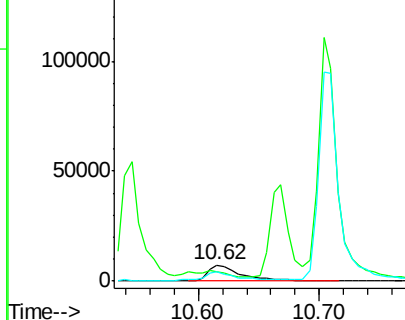


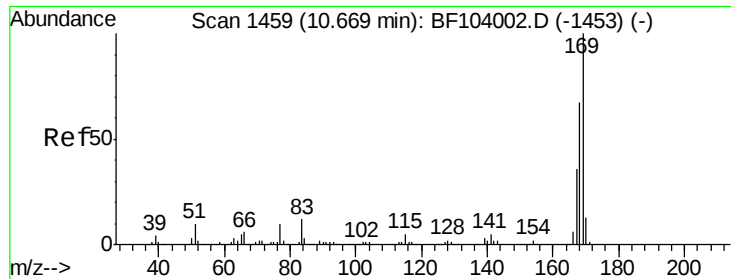
#64
4,6-Dinitro-2-methylphenol
Concen: 6.538 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:198 Resp: 13872
Ion Ratio Lower Upper
198 100
51 59.7 37.7 77.7
105 59.3 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 37.520 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

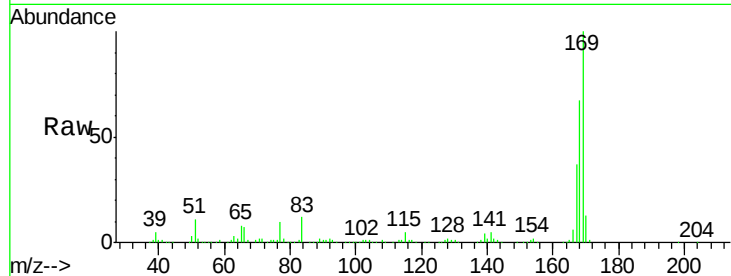
Tot Ion:169 Resp: 445370

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

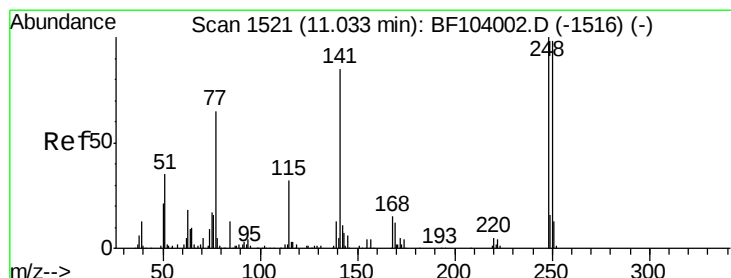
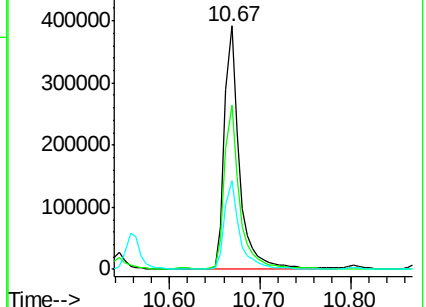
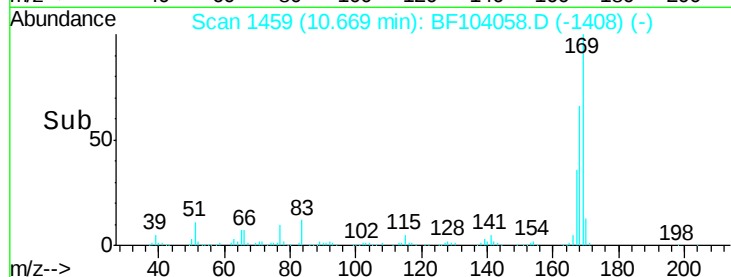
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.055 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

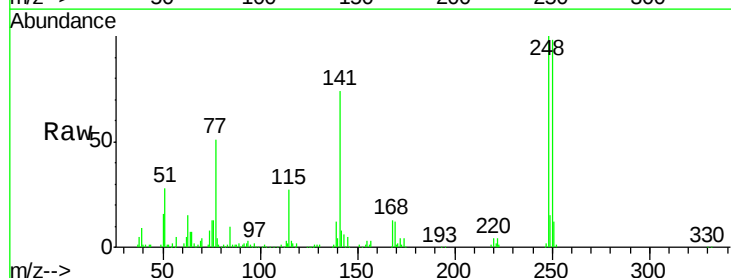
Tgt Ion:248 Resp: 135201

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

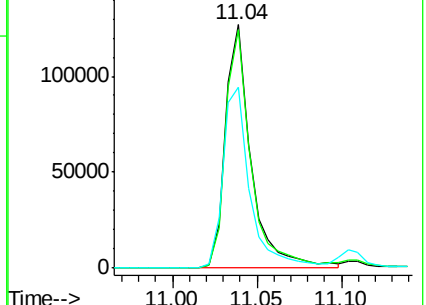
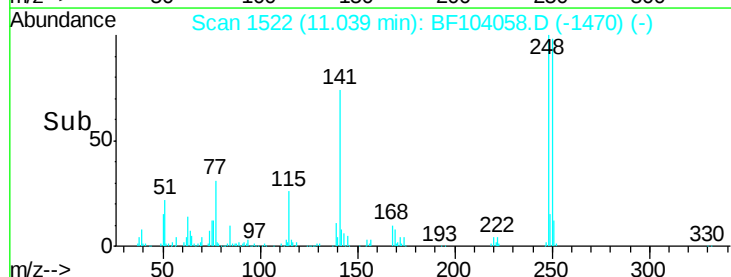
141 74.4 74.4 111.6

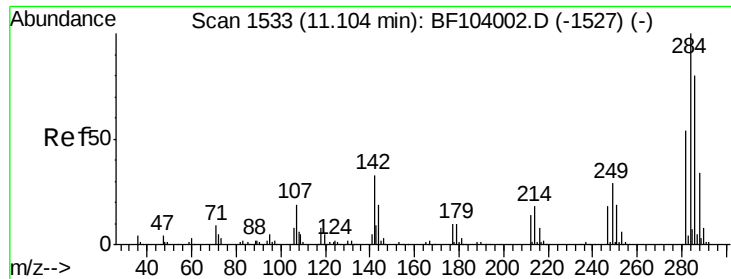


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

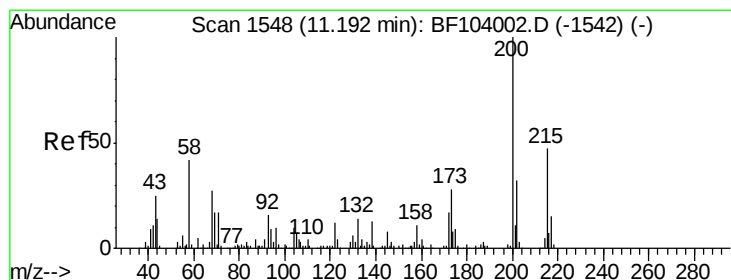
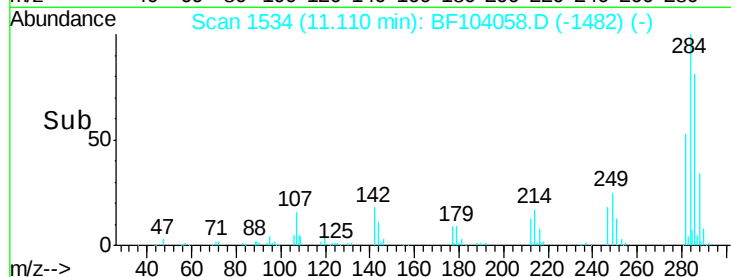
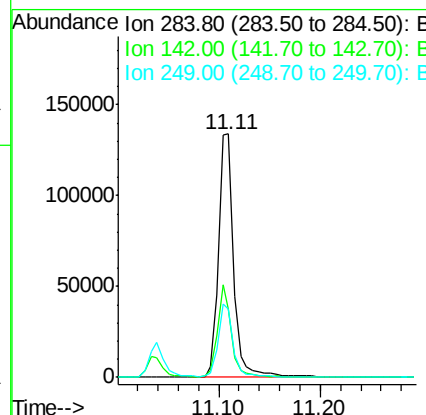
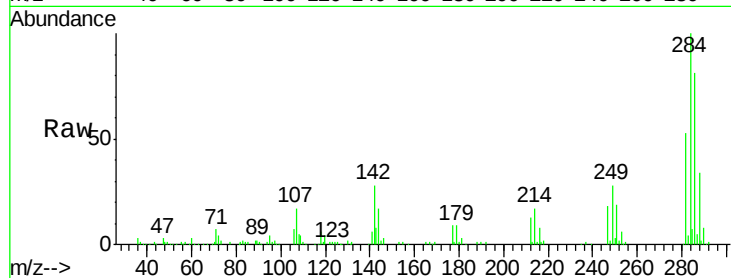




#67
Hexachlorobenzene
Concen: 32.911 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

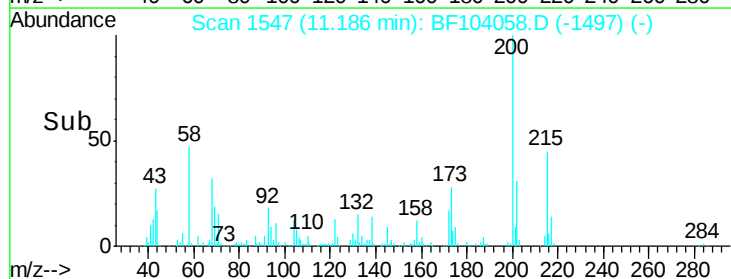
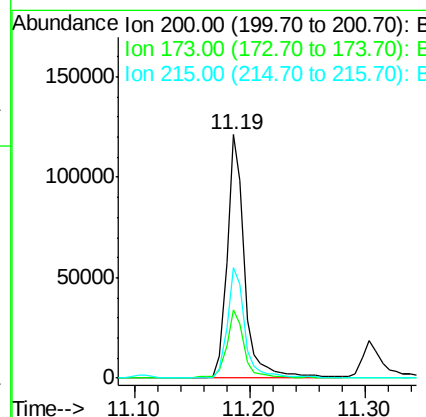
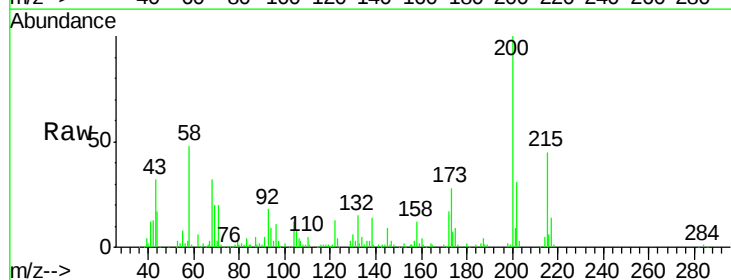
Instrument :
BNA_F
ClientSampleId :

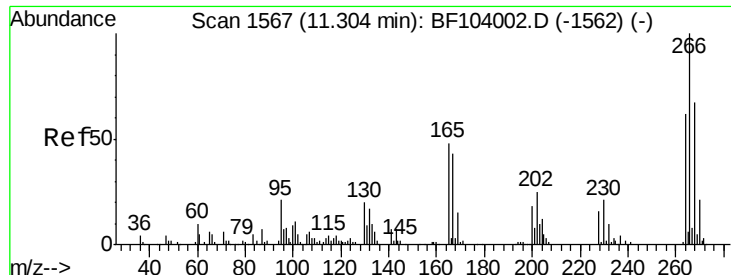
Tot Ion:284 Resp: 141960
Ion Ratio Lower Upper
284 100
142 28.2 34.6 52.0#
249 28.0 24.8 37.2



#68
Atrazine
Concen: 34.991 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:200 Resp: 127244
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.1 25.1 65.1

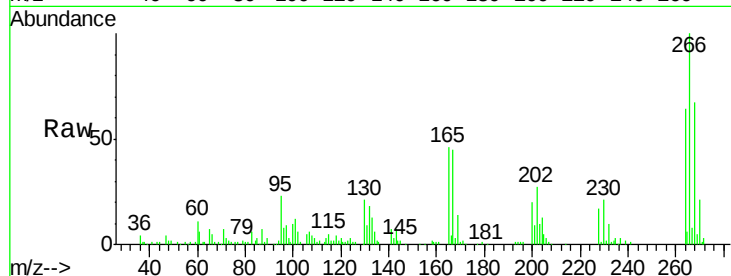




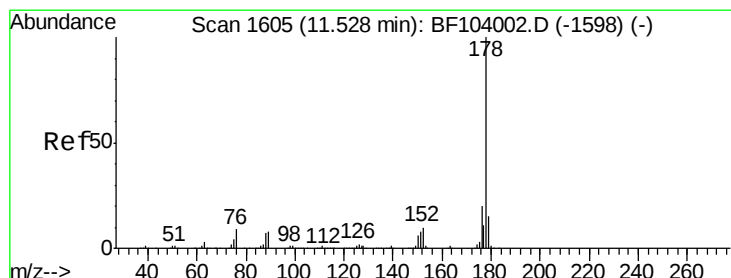
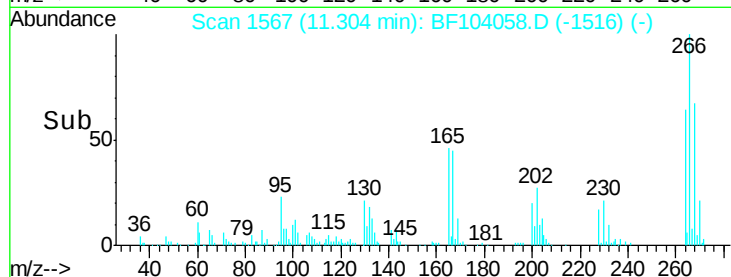
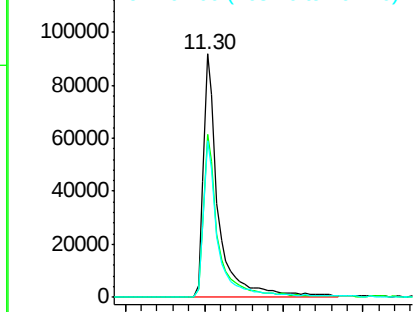
#69
 Pentachlorophenol
 Concen: 52.390 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 124353
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 64.2 49.5 74.3

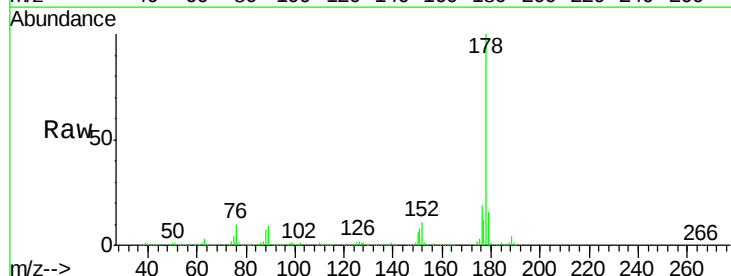


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

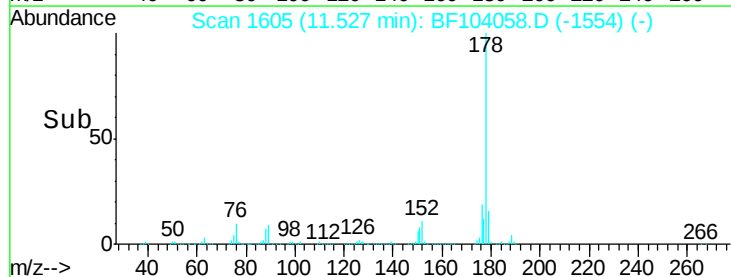
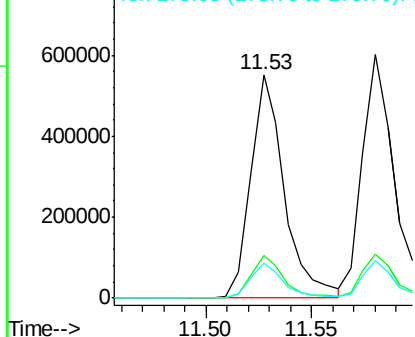


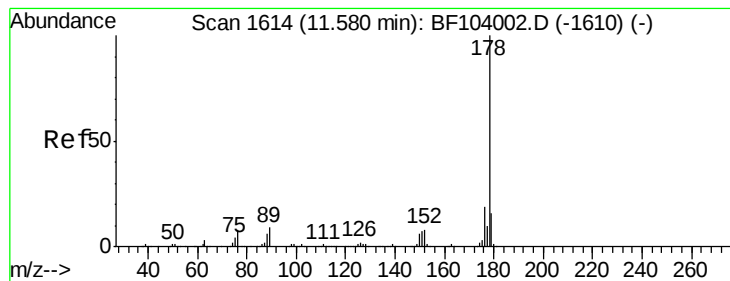
#70
 Phenanthrene
 Concen: 32.339 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:178 Resp: 613681
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.9 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: 35.396 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

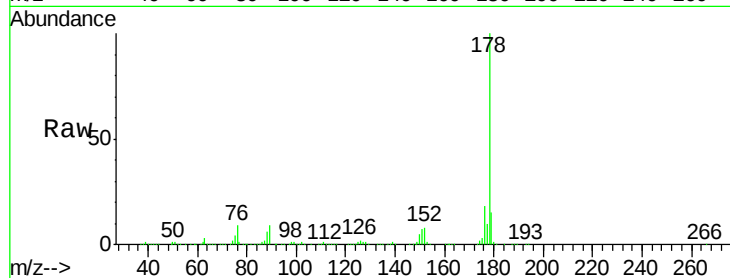
Tot Ion:178 Resp: 701602

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

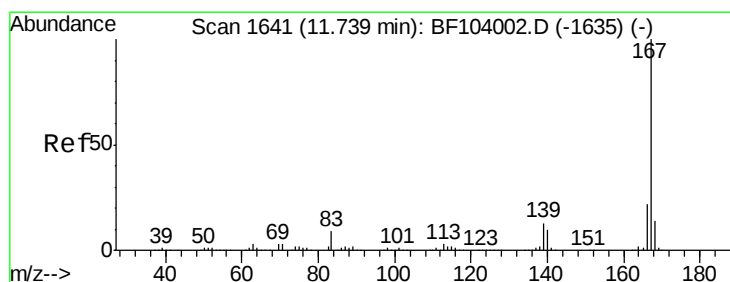
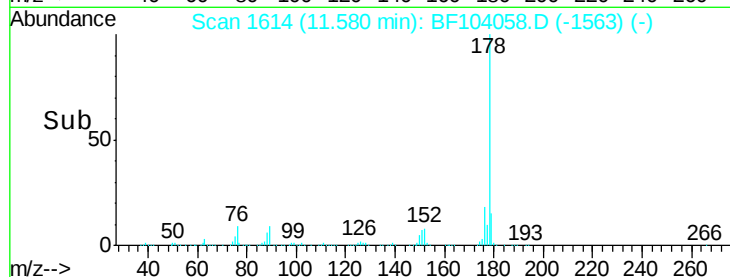
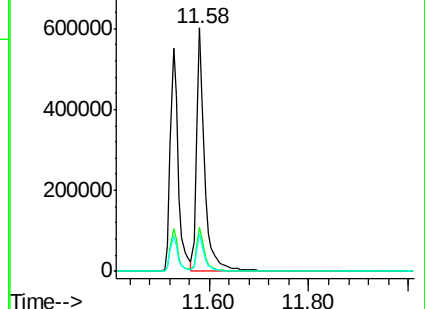
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.082 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

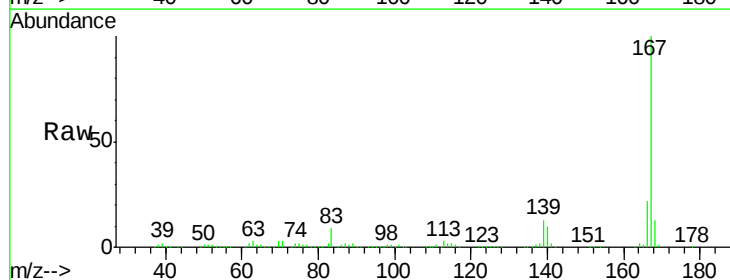
Tgt Ion:167 Resp: 606931

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

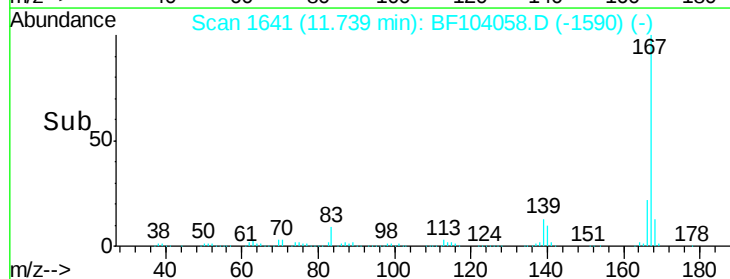
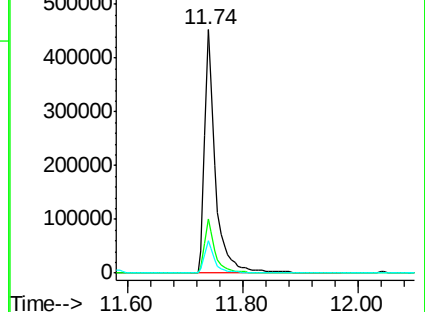
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.036 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

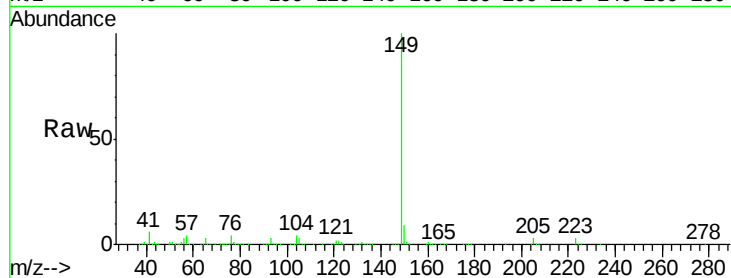
Tot Ion:149 Resp: 789499

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

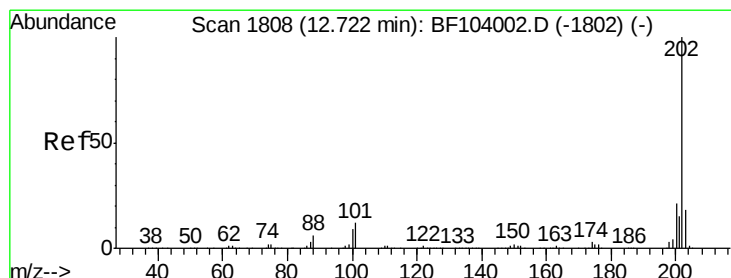
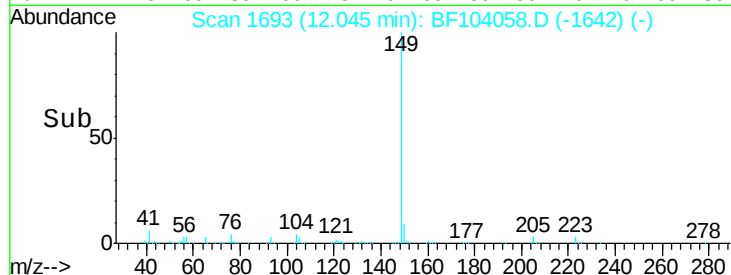
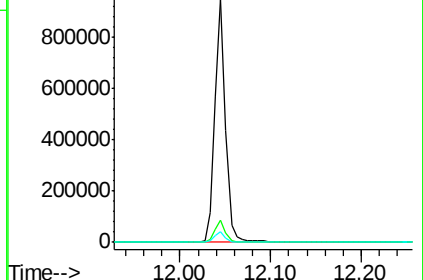
104 4.4 3.8 5.8



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: 29.197 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

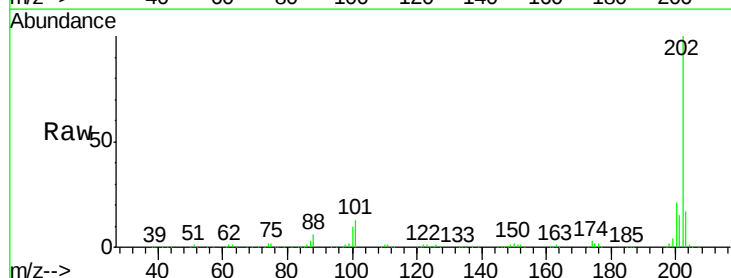
Tgt Ion:202 Resp: 588925

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

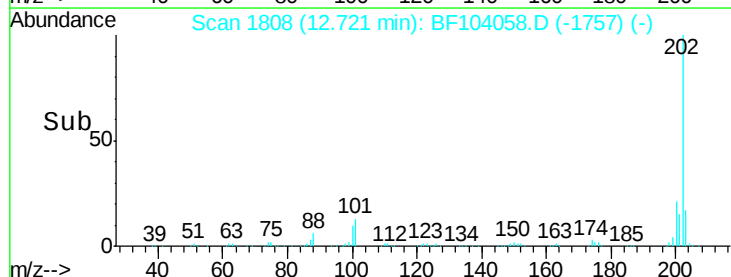
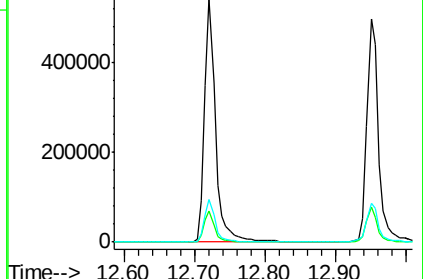
203 17.4 0.0 38.1

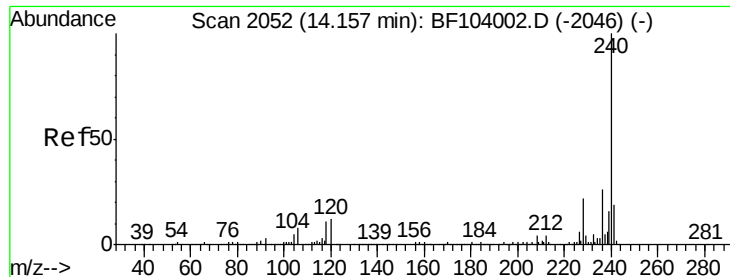


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampled :

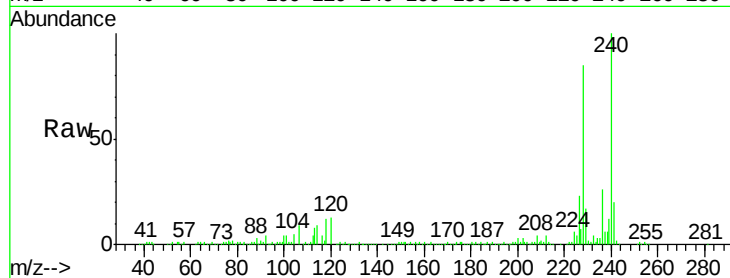
Tot Ion:240 Resp: 237370

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

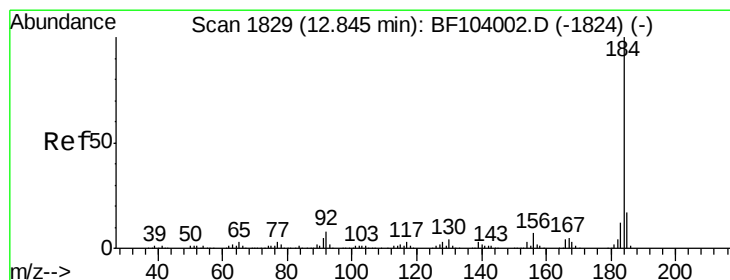
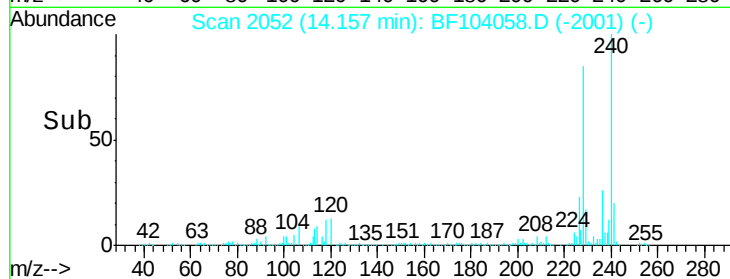
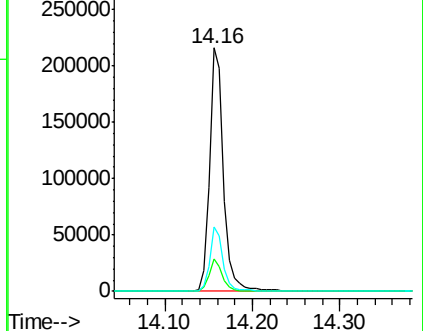
236 26.2 20.7 31.1



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: 48.543 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

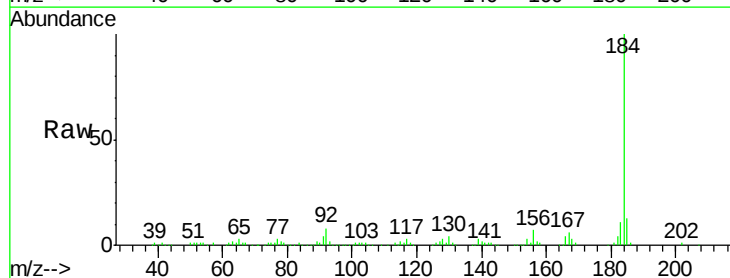
Tgt Ion:184 Resp: 328367

Ion Ratio Lower Upper

184 100

185 13.3 12.6 18.8

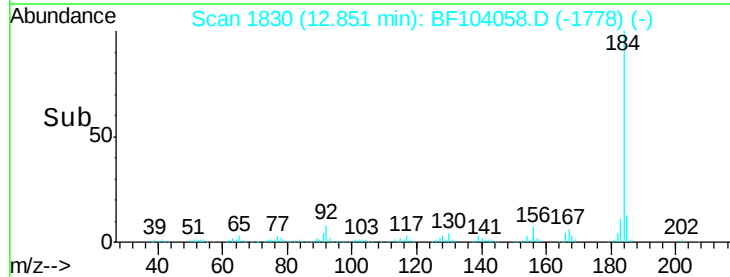
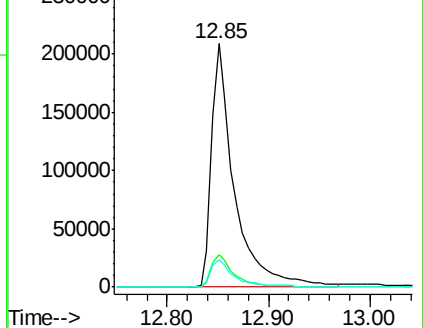
183 11.4 9.3 13.9

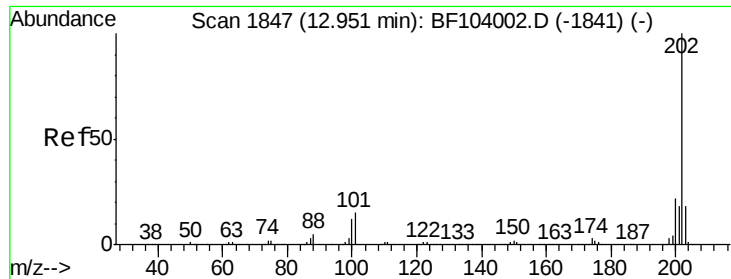


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.288 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

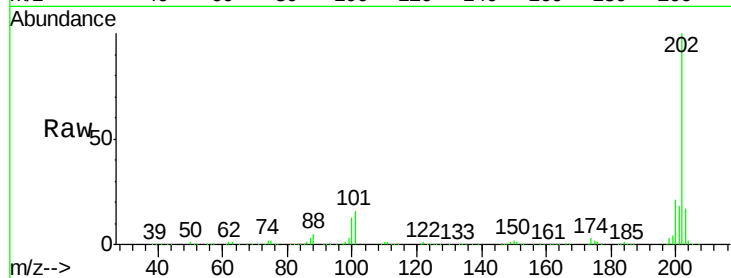
Tot Ion:202 Resp: 568009

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

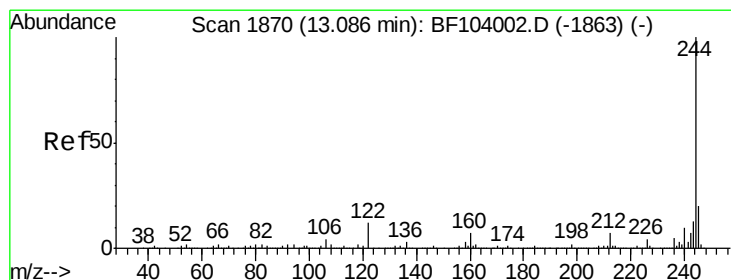
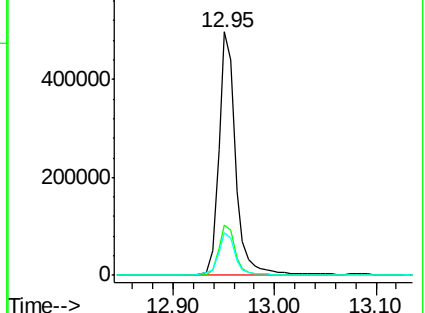
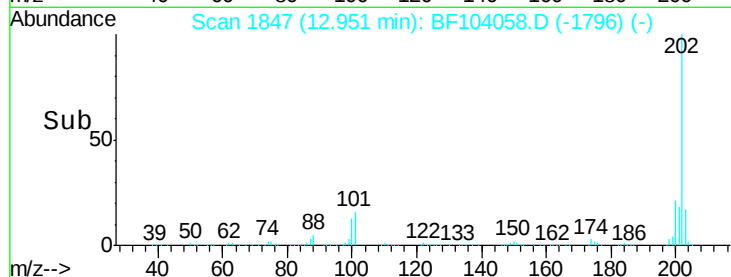
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.151 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

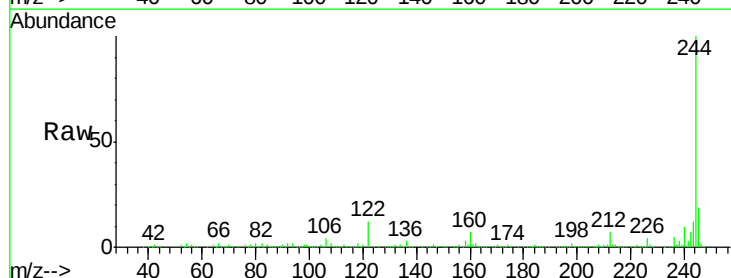
Tgt Ion:244 Resp: 834265

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

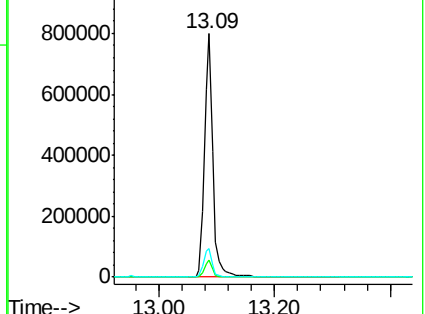
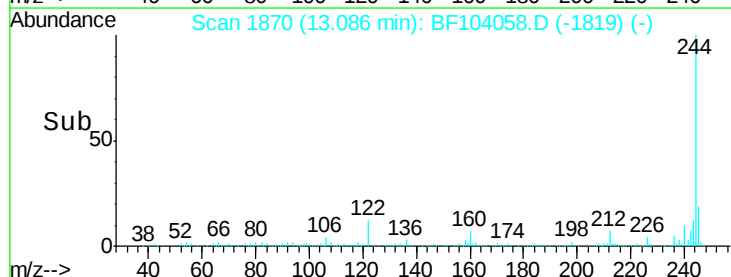
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

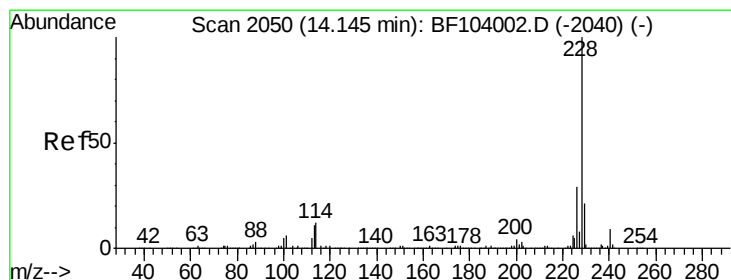
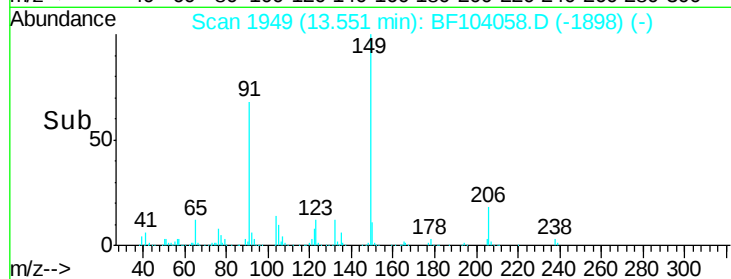
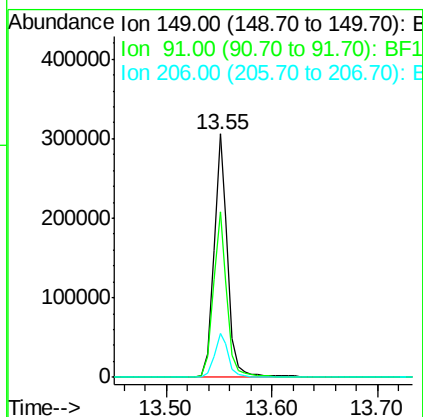
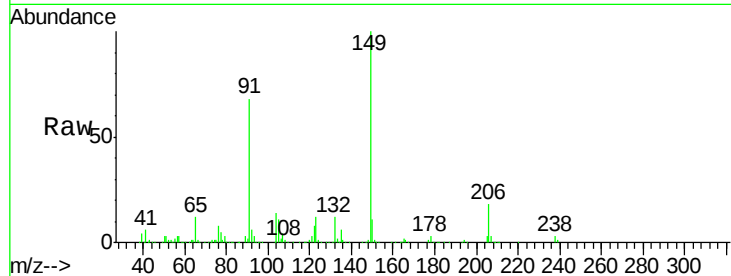




#79
Butylbenzylphthalate
Concen: 34.813 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

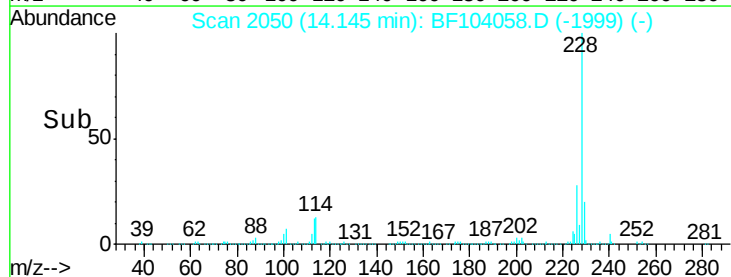
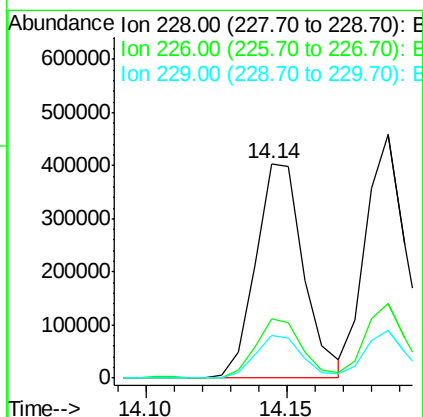
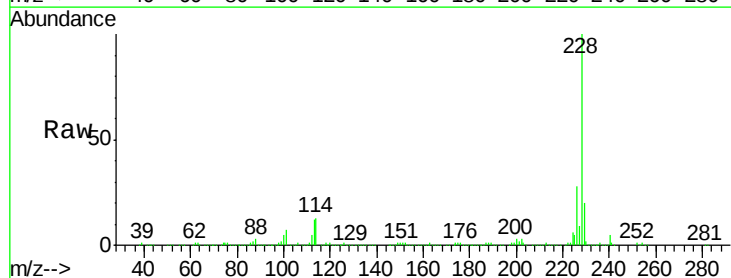
Instrument :
BNA_F
ClientSampleId :

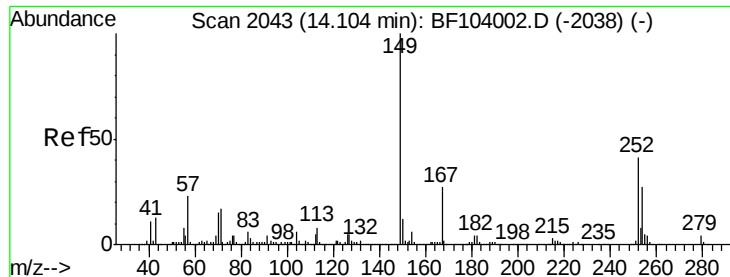
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.967 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

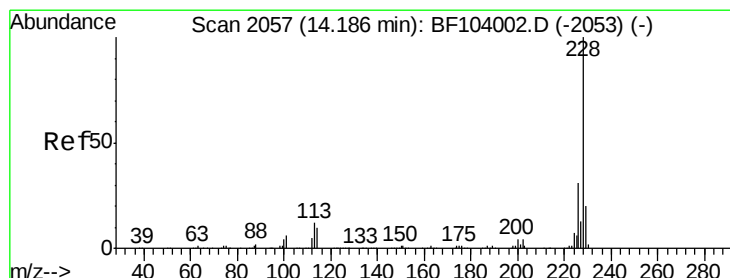
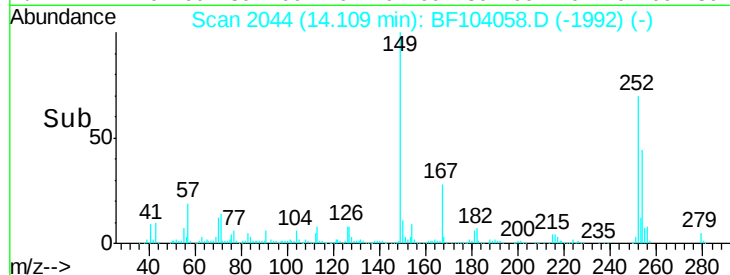
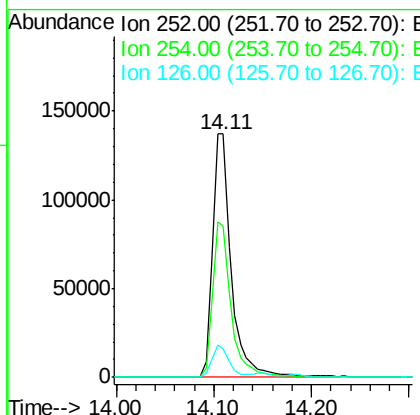
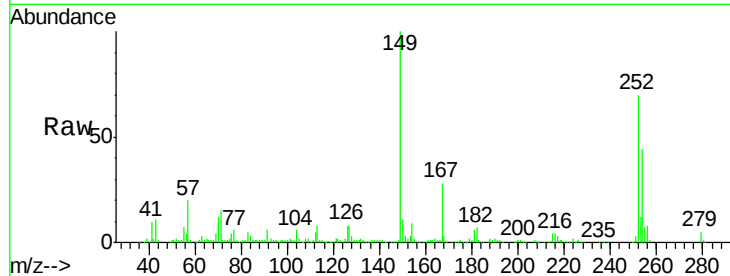




#81
 3,3'-Dichlorobenzidine
 Concen: 37.083 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

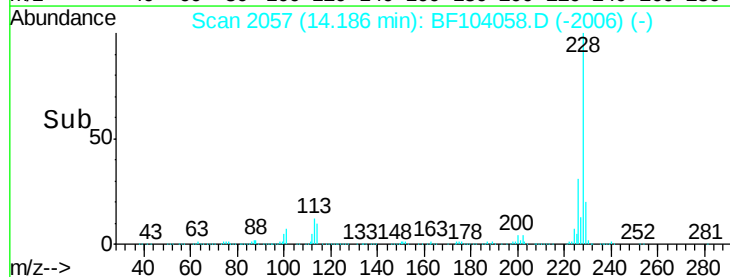
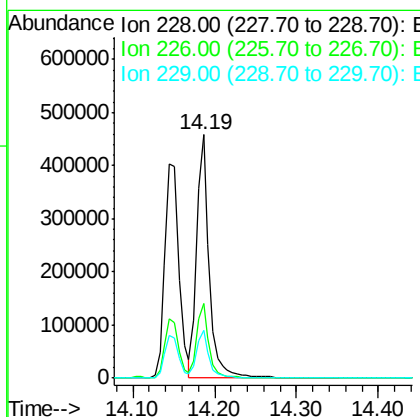
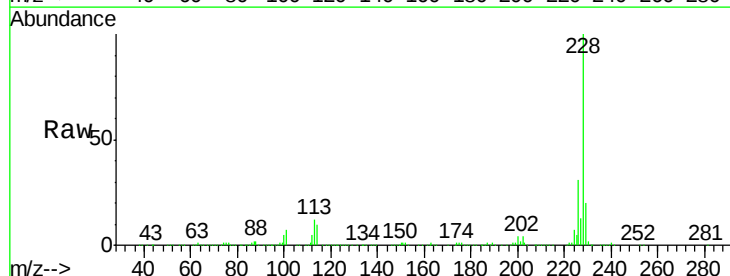
Instrument :
 BNA_F
 ClientSampleId :

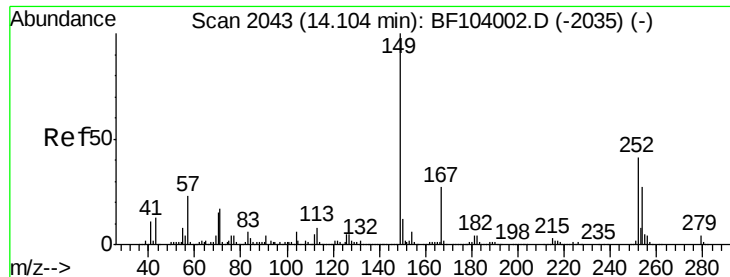
Tot Ion:252 Resp: 182309
 Ion Ratio Lower Upper
 252 100
 254 62.3 50.4 75.6
 126 11.8 11.3 16.9



#82
 Chrysene
 Concen: 33.544 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:228 Resp: 487978
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.8 16.2 24.4

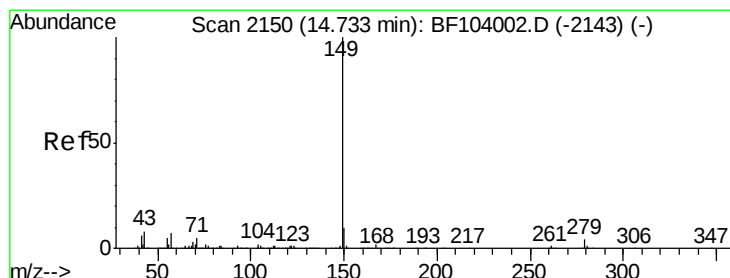
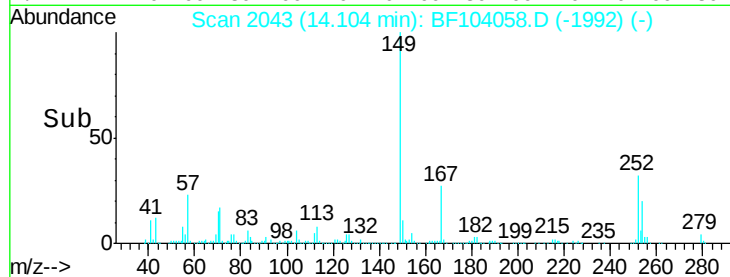
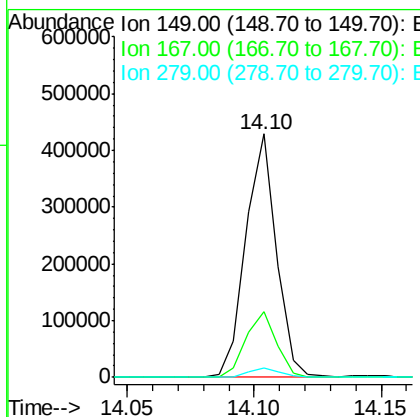
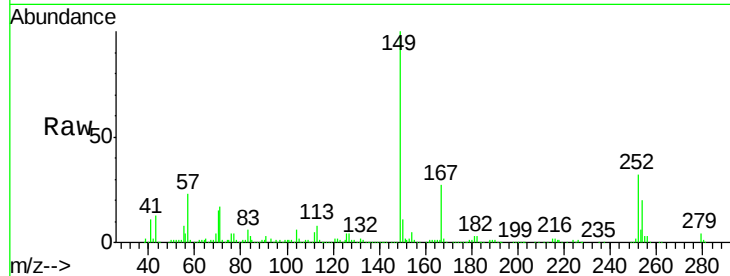




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.801 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

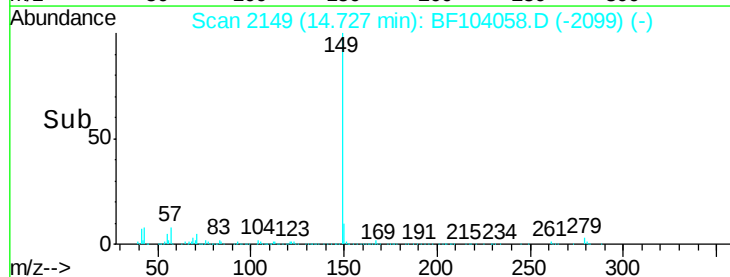
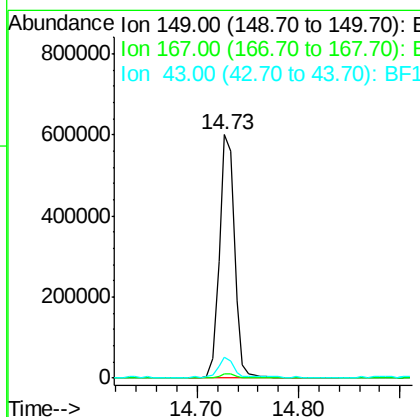
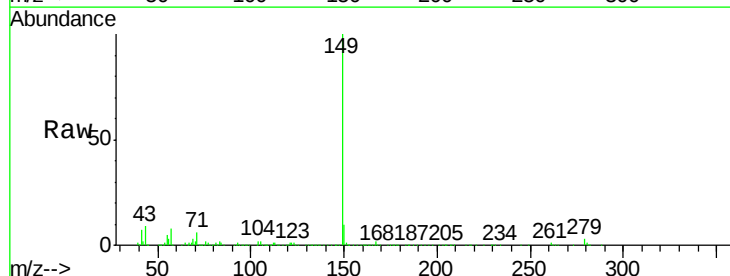
Instrument :
 BNA_F
 ClientSampleId :

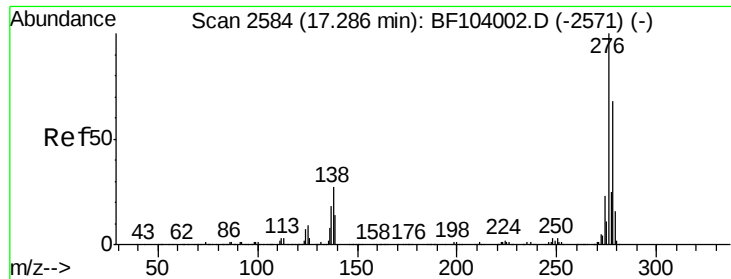
Tot Ion:149 Resp: 361484
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 34.582 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:149 Resp: 617904
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.1 8.4 12.6#

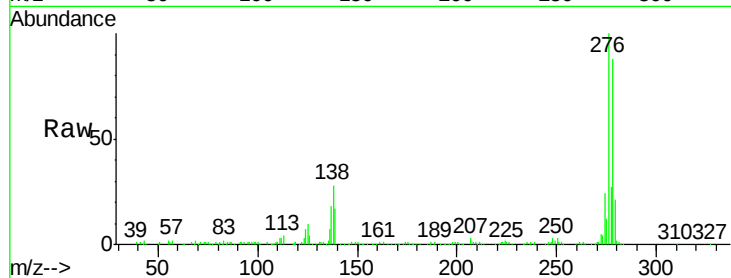




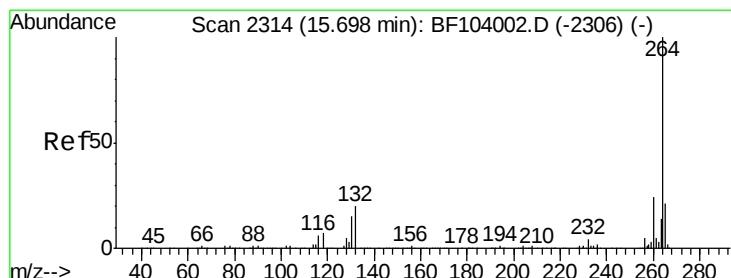
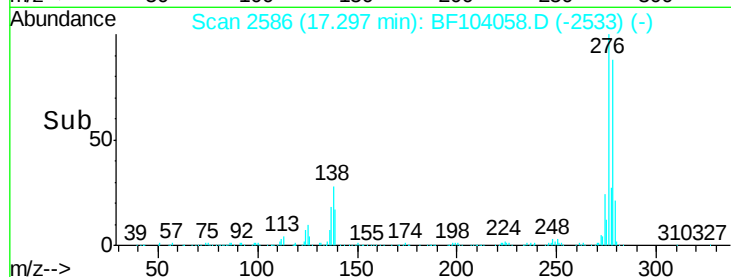
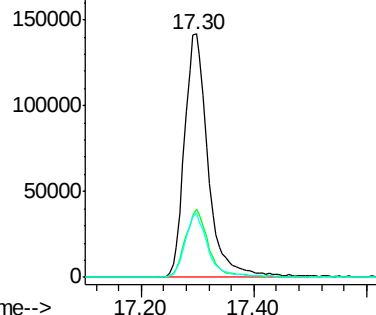
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.428 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.01 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 413468
 Ion Ratio Lower Upper
 276 100
 138 27.4 25.0 37.6
 277 25.8 20.1 30.1

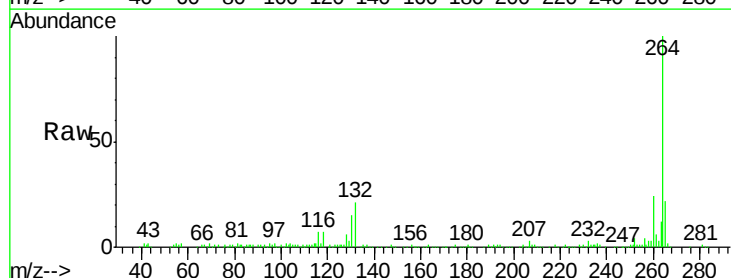


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

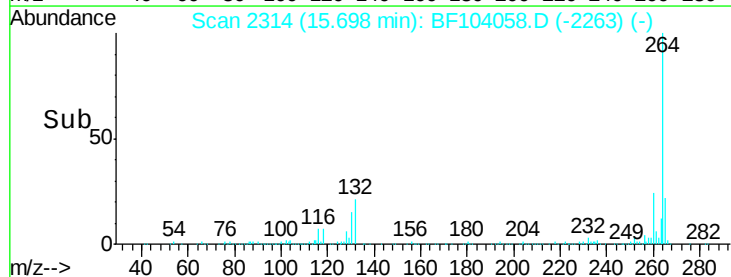
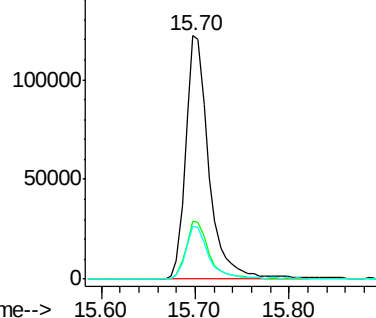


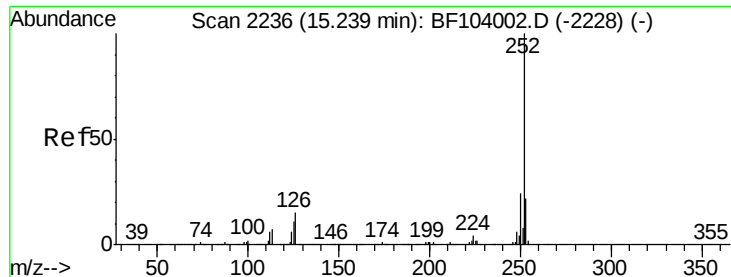
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104058.D
 Acq: 29 Mar 2018 18:28

Tgt Ion:264 Resp: 212427
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.806 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

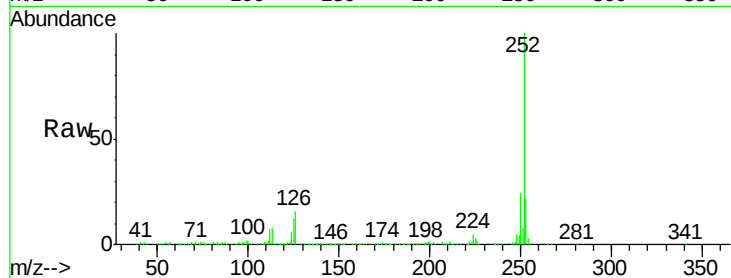
Tot Ion:252 Resp: 424122

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

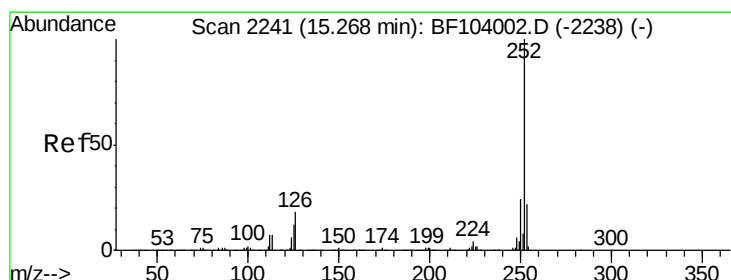
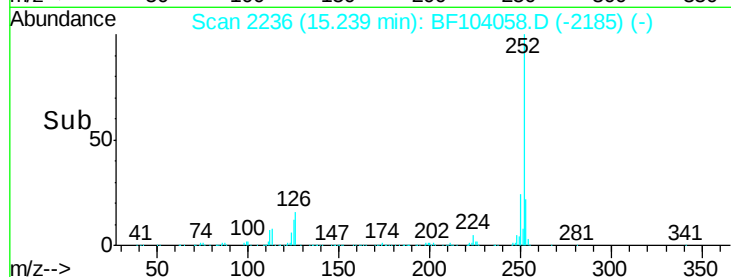
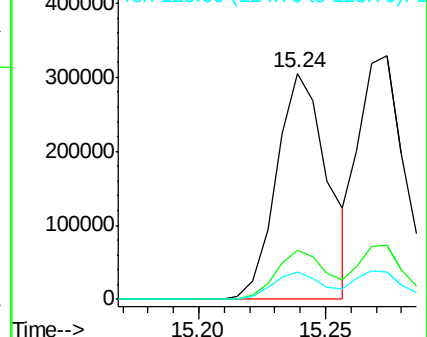
125 11.9 9.0 13.6



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: 37.307 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

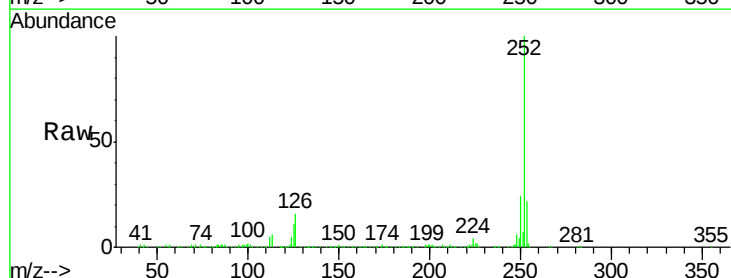
Tgt Ion:252 Resp: 454342

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

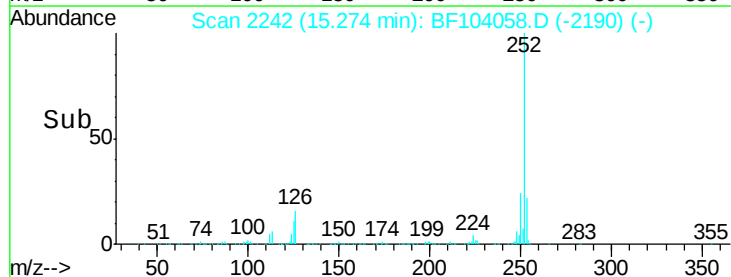
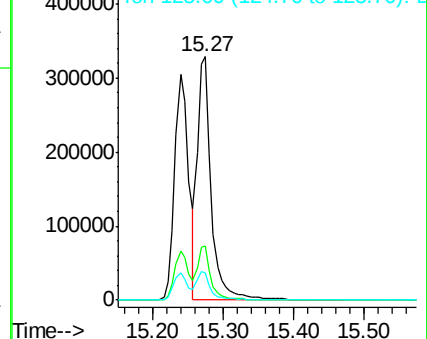
125 11.3 10.2 15.2



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

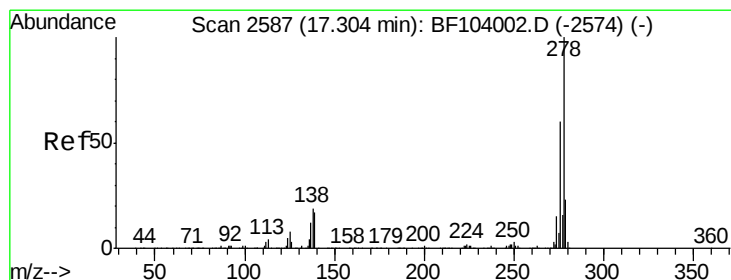
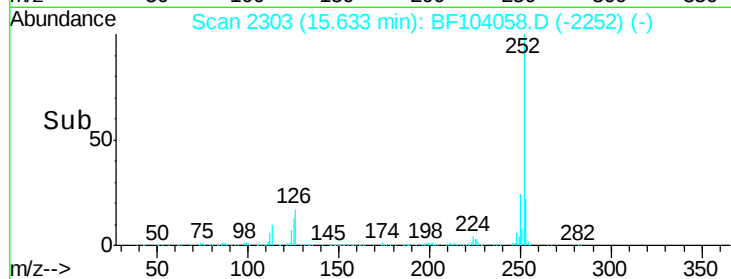
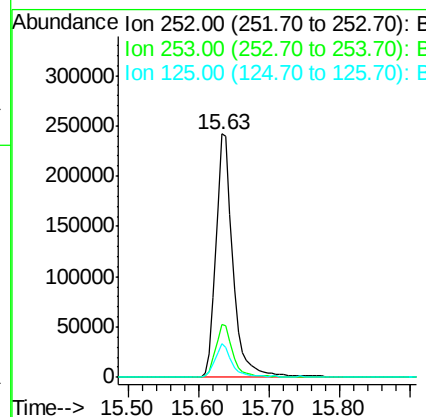
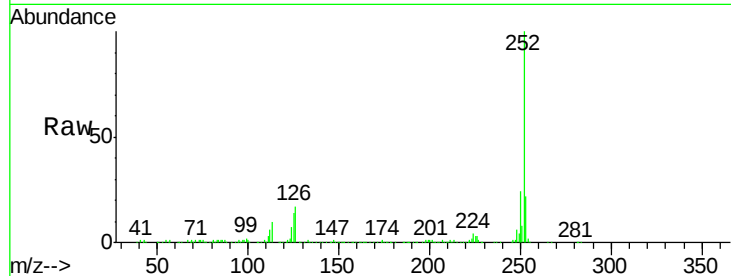




#89
Benzo(a)pyrene
Concen: 34.165 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

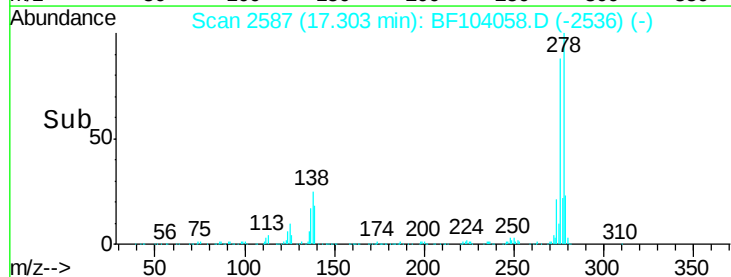
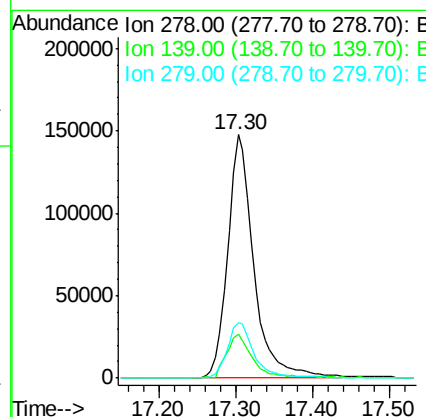
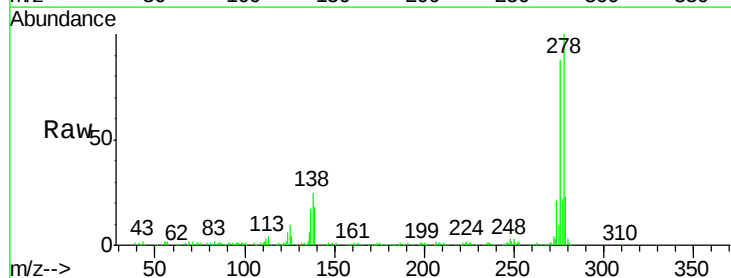
Instrument :
BNA_F
ClientSampleId :

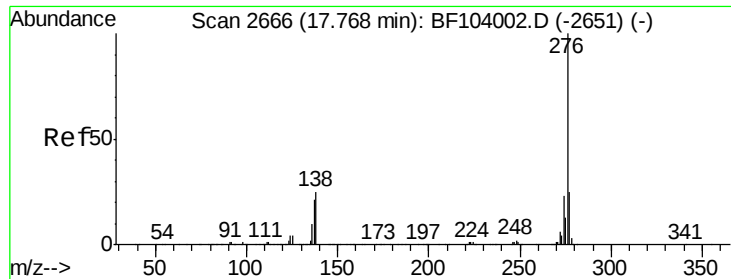
Tot Ion:252 Resp: 409309
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 31.503 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104058.D
Acq: 29 Mar 2018 18:28

Tgt Ion:278 Resp: 348945
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 22.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 30.072 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BF104058.D

Acq: 29 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

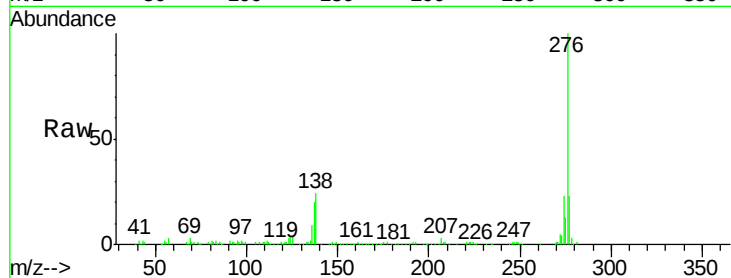
Tot Ion:276 Resp: 333634

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

