

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104703.D
 Acq On : 23 Apr 2018 12:27
 Operator : JU/SJ
 Sample : J2461-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:40:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105617	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	400673	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160740	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	275275	20.00	ng	0.00
75) Chrysene-d12	14.00	240	196625	20.00	ng	0.02
86) Perylene-d12	15.48	264	140068	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	557188	80.67	ng	0.01
7) Phenol-d6	6.46	99	642571	75.71	ng	0.01
23) Nitrobenzene-d5	7.37	82	392355	63.94	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	133432	80.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	675660	66.40	ng	0.00
78) Terphenyl-d14	12.93	244	610856	70.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	80751	25.089	ng	89
3) Pyridine	3.28	79	195705	21.627	ng	# 87
4) n-Nitrosodimethylamine	3.22	42	84531	26.723	ng	# 77
6) Aniline	6.47	93	43111	3.656	ng	# 1
8) 2-Chlorophenol	6.60	128	208921	28.657	ng	95
9) Benzaldehyde	6.36	77	121592	24.964	ng	97
10) Phenol	6.47	94	250835	27.855	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	207475	28.872	ng	97
12) 1,3-Dichlorobenzene	6.75	146	224566	27.189	ng	98
13) 1,4-Dichlorobenzene	6.83	146	226172	27.471	ng	97
14) 1,2-Dichlorobenzene	6.98	146	214168	28.071	ng	98
15) Benzyl Alcohol	6.95	79	162018	25.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	235762	24.430	ng	80
17) 2-Methylphenol	7.07	107	160924	25.393	ng	# 92
18) Hexachloroethane	7.32	117	60079	20.467	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	136237	24.566	ng	91
20) 3+4-Methylphenols	7.23	107	203083	25.838	ng	94
22) Acetophenone	7.22	105	282974	28.687	ng	96
24) Nitrobenzene	7.39	77	200584	29.608	ng	98
25) Isophorone	7.63	82	357260	27.533	ng	97
26) 2-Nitrophenol	7.71	139	85775	31.101	ng	94
27) 2,4-Dimethylphenol	7.75	122	169954	29.678	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	235737	29.714	ng	99
29) 2,4-Dichlorophenol	7.96	162	152854	27.975	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	166241	27.723	ng	99
31) Naphthalene	8.12	128	559104	28.023	ng	100
32) Benzoic acid	7.75	122	169954	37.196	ng	# 14
33) 4-Chloroaniline	8.17	127	42427	4.964	ng	98
34) Hexachlorobutadiene	8.22	225	91173	27.759	ng	99
35) Caprolactam	8.52	113	34135	17.908	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	151494	25.857	ng	99
37) 2-Methylnaphthalene	8.80	142	352293	27.298	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	148536	32.281	ng	99
40) Hexachlorocyclopentadiene	8.95	237	8469	3.288	ng	97

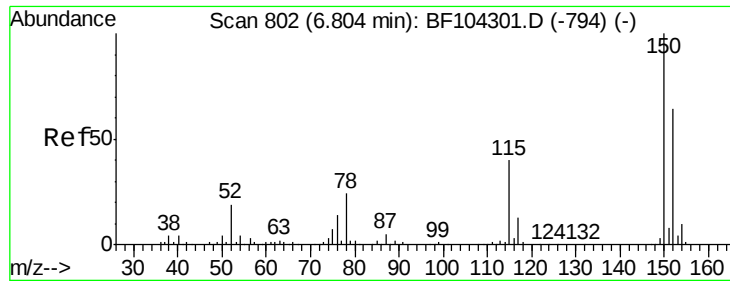
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	94447	29.569	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	98614	27.589	nq	98
45) 1,1'-Biphenyl	9.27	154	411645	30.485	nq	98
46) 2-Chloronaphthalene	9.30	162	314466	29.483	nq	97
47) 2-Nitroaniline	9.39	65	98110	37.196	nq	96
48) Acenaphthylene	9.71	152	438520	26.205	nq	100
49) Dimethylphthalate	9.56	163	418982	33.054	nq	100
50) 2,6-Dinitrotoluene	9.63	165	63853	27.224	nq	94
51) Acenaphthene	9.88	154	267675	26.216	nq	99
52) 3-Nitroaniline	9.80	138	37984	13.833	nq	97
53) 2,4-Dinitrophenol	9.92	184	897	6.520	nq	# 47
54) Dibenzofuran	10.06	168	402915	28.316	nq	100
55) 4-Nitrophenol	9.98	139	103219	47.854	nq	97
56) 2,4-Dinitrotoluene	10.04	165	73466	23.879	nq	98
57) Fluorene	10.40	166	314497	30.366	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	74337	27.877	nq	93
59) Diethylphthalate	10.26	149	351937	27.878	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	145994	31.652	nq	99
61) 4-Nitroaniline	10.42	138	45959	17.118	nq	96
62) Azobenzene	10.55	77	305256	25.310	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	2005	8.614	nq	80
65) n-Nitrosodiphenylamine	10.51	169	273329	28.637	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	84852	28.979	nq	# 89
67) Hexachlorobenzene	10.95	284	93575	28.402	nq	97
68) Atrazine	11.04	200	81585	28.319	nq	98
69) Pentachlorophenol	11.15	266	74347	36.476	nq	99
70) Phenanthrene	11.36	178	437885	28.564	nq	99
71) Anthracene	11.42	178	440735	28.283	nq	100
72) Carbazole	11.57	167	399083	26.208	nq	99
73) Di-n-butylphthalate	11.89	149	597360	32.114	nq	99
74) Fluoranthene	12.56	202	462583	28.881	nq	96
76) Benzidine	12.73	184	384	Below Cal	#	1
77) Pyrene	12.79	202	463135	31.777	nq	99
79) Butylbenzylphthalate	13.41	149	272910	39.746	nq	94
80) Benzo(a)anthracene	13.99	228	347450	29.579	nq	99
82) Chrysene	14.03	228	330182	27.366	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	417570	47.281	nq	100
84) Di-n-octyl phthalate	14.60	149	479564	32.497	nq	95
85) Indeno(1,2,3-cd)pyrene	16.95	276	244167	23.822	nq	95
87) Benzo(b)fluoranthene	15.05	252	266796	30.159	nq	# 96
88) Benzo(k)fluoranthene	15.08	252	242505	29.036	nq	98
89) Benzo(a)pyrene	15.42	252	223293	28.210	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	208453	32.065	nq	99
91) Benzo(g,h,i)perylene	17.40	276	205152	32.573	nq	96

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

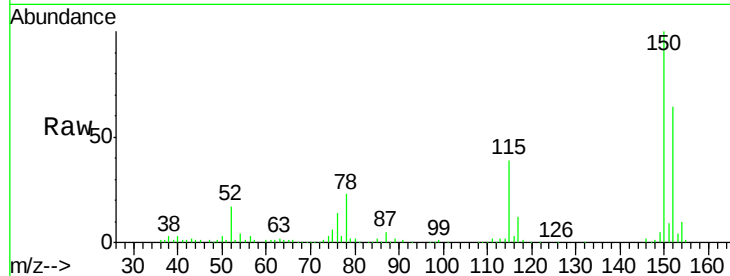


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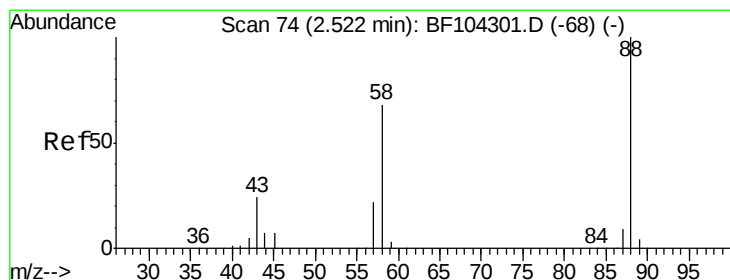
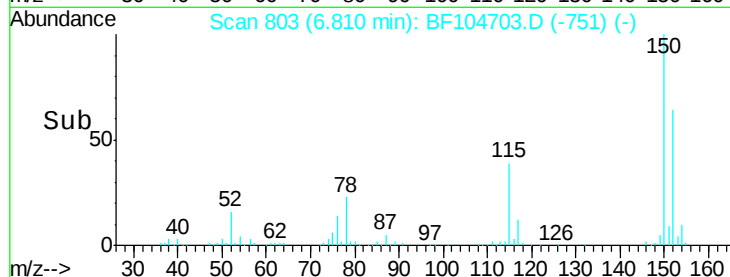
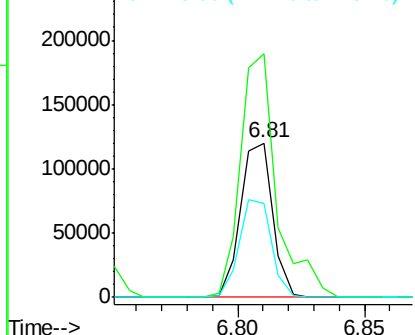
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105617
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.1 50.1 75.1



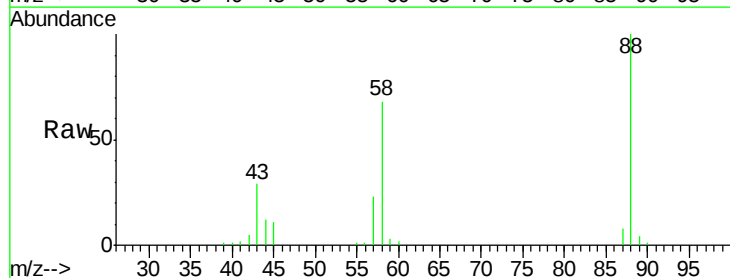
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



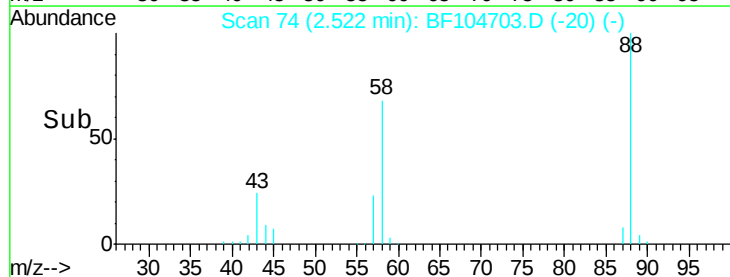
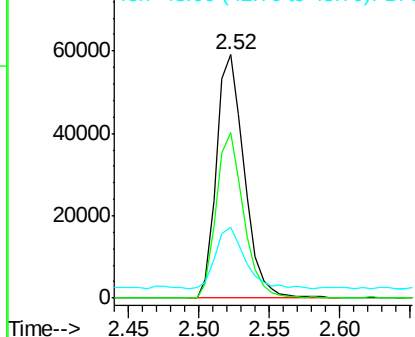
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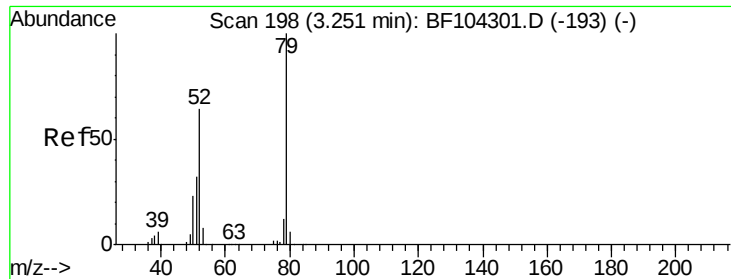
1,4-Dioxane
Concen: 25.089 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion: 88 Resp: 80751
Ion Ratio Lower Upper
88 100
58 66.7 62.6 93.8
43 26.9 24.6 37.0



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





#3

Pvridine

Concen: 21.627 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.04 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

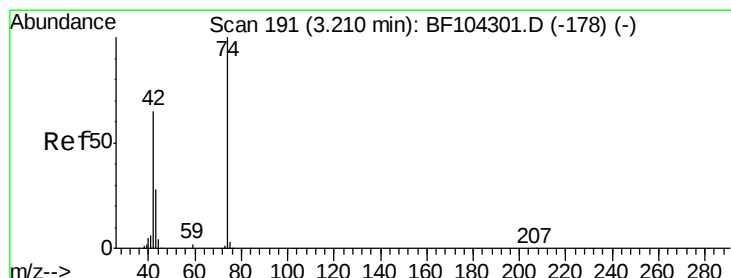
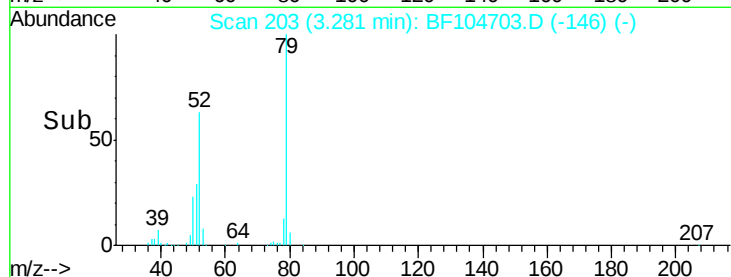
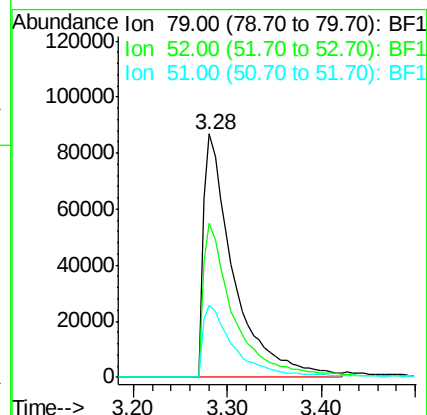
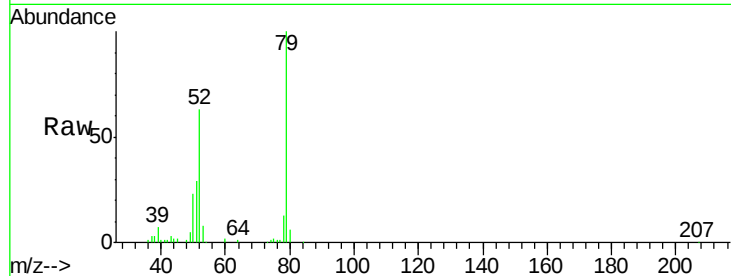
Tot Ion: 79 Resp: 195705

Ion Ratio Lower Upper

79 100

52 63.4 59.8 89.6

51 29.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 26.723 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

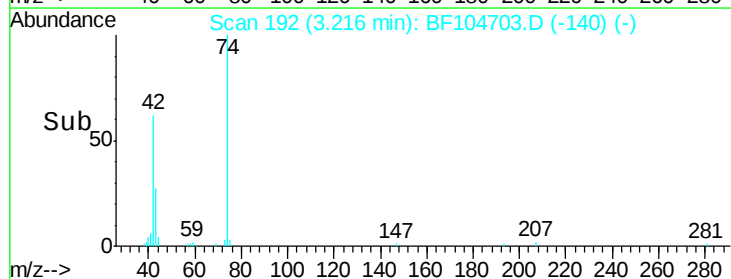
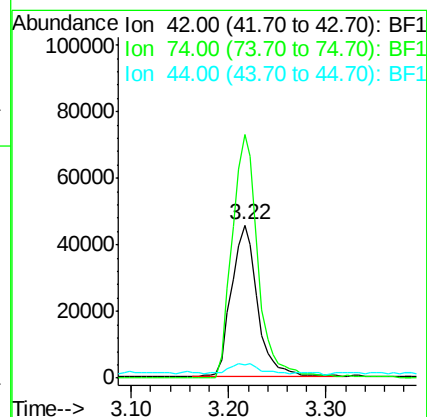
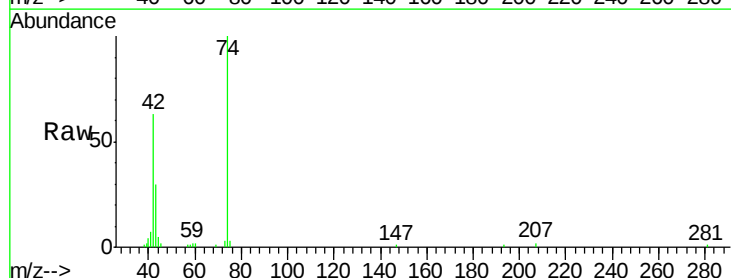
Tgt Ion: 42 Resp: 84531

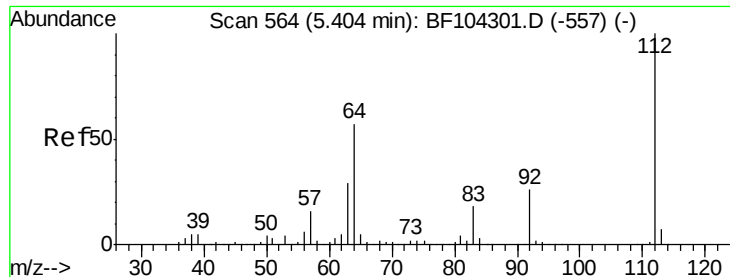
Ion Ratio Lower Upper

42 100

74 159.4 104.9 157.3#

44 8.8 6.9 10.3

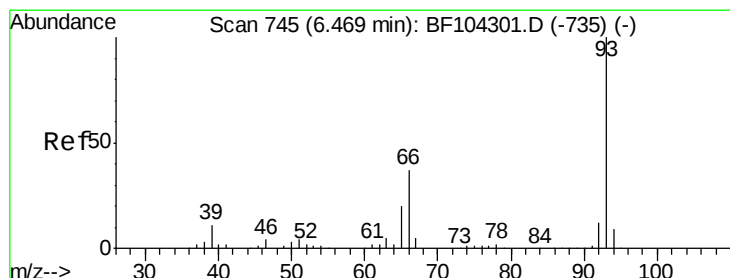
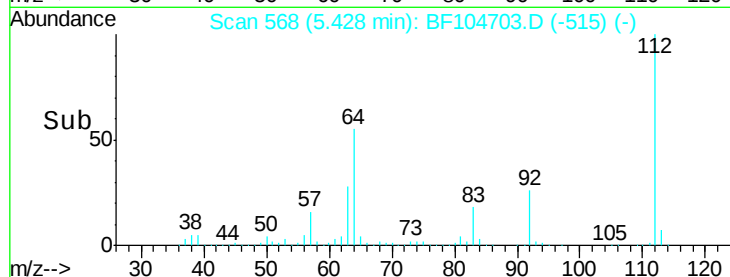
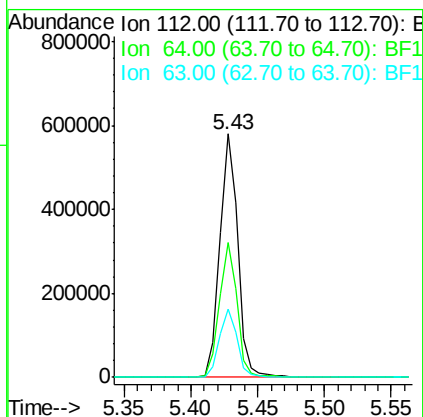
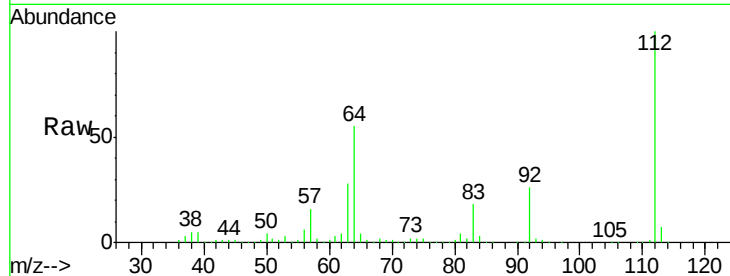




#5
 2-Fluorophenol
 Concen: 80.666 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

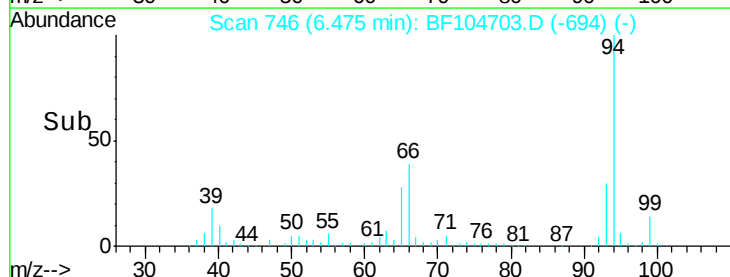
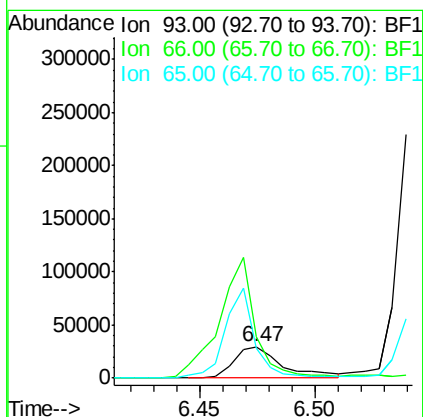
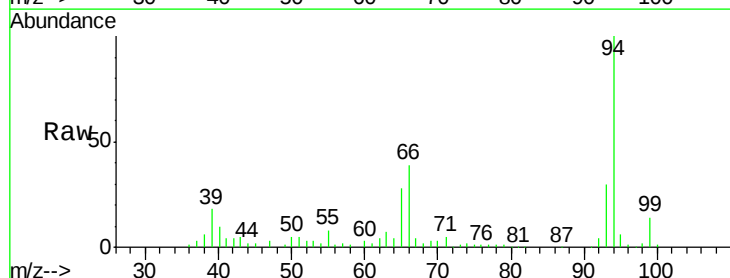
Instrument :
 BNA_F
 ClientSampled :

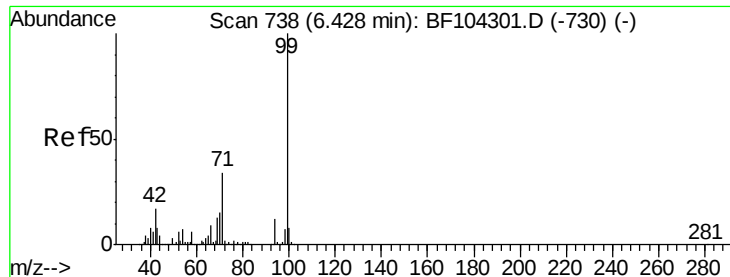
Tot Ion: 112 Resp: 557188
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.9 23.7 35.5



#6
 Aniline
 Concen: 3.656 ng
 RT: 6.47 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion: 93 Resp: 43111
 Ion Ratio Lower Upper
 93 100
 66 132.7 32.2 48.2#
 65 94.3 16.4 24.6#





#7

Phenol-d6

Concen: 75.714 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

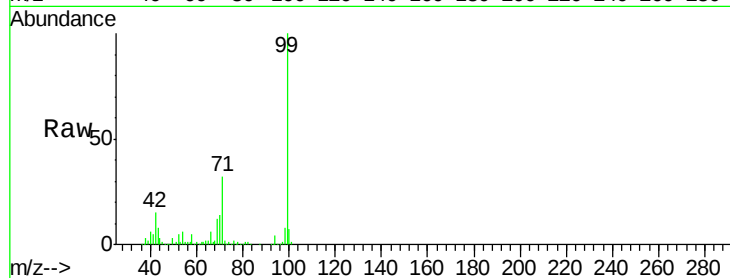
Tot Ion: 99 Resp: 642571

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 31.9 25.4 38.0



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

6.46

800000

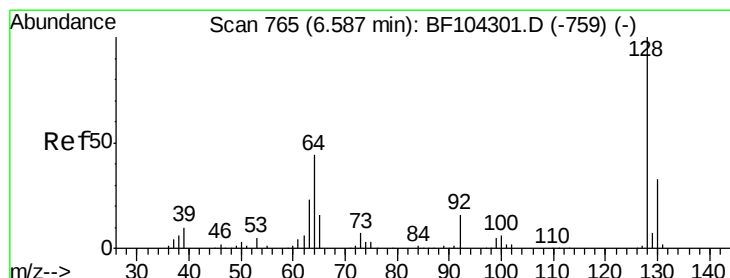
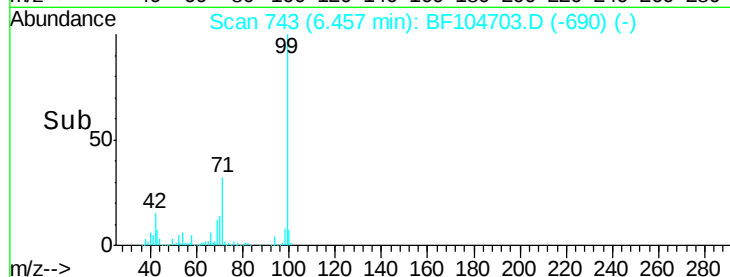
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 28.657 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

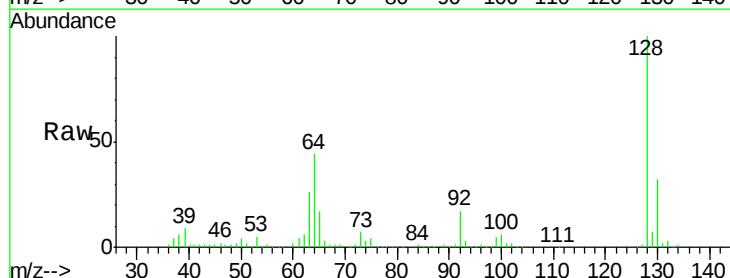
Tgt Ion: 128 Resp: 208921

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 44.0 29.4 69.4



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

6.60

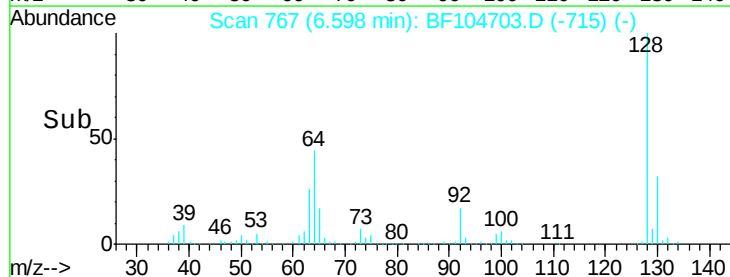
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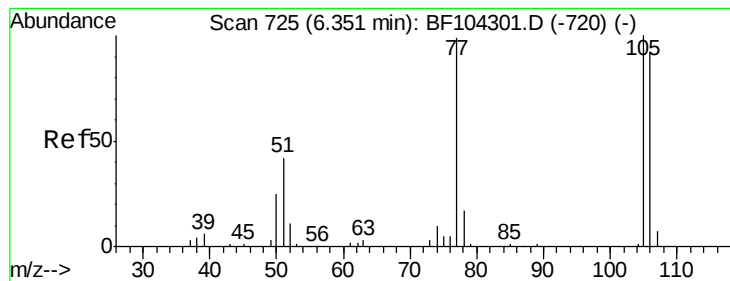
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 24.964 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

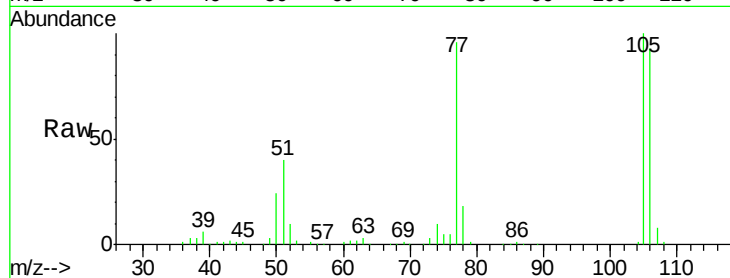
Tot Ion: 77 Resp: 121592

Ion Ratio Lower Upper

77 100

105 104.0 81.1 121.1

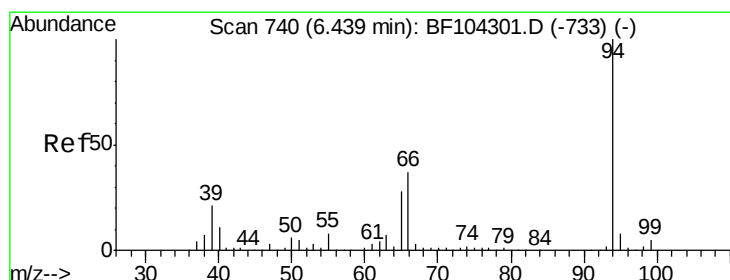
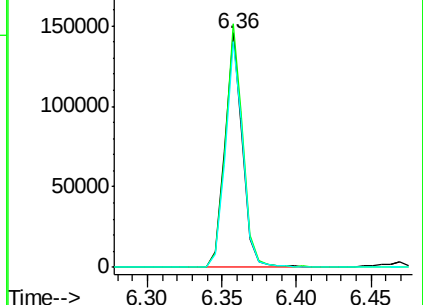
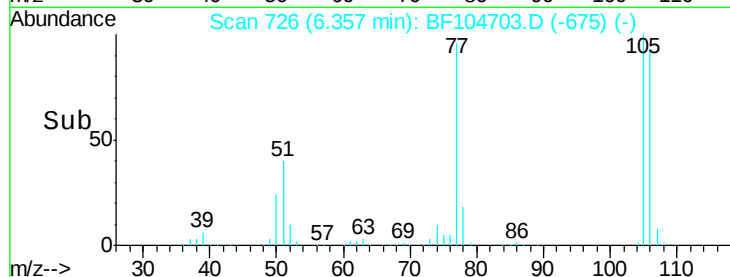
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.855 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

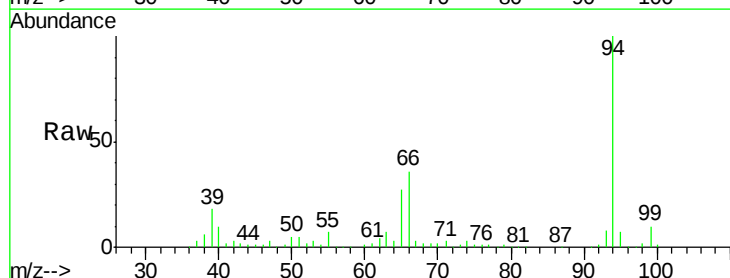
Tgt Ion: 94 Resp: 250835

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

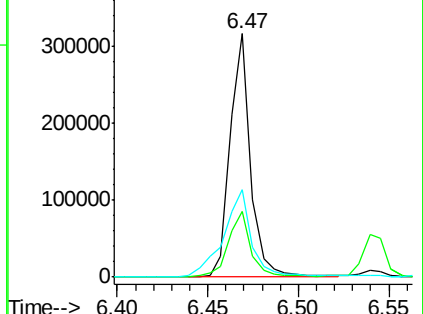
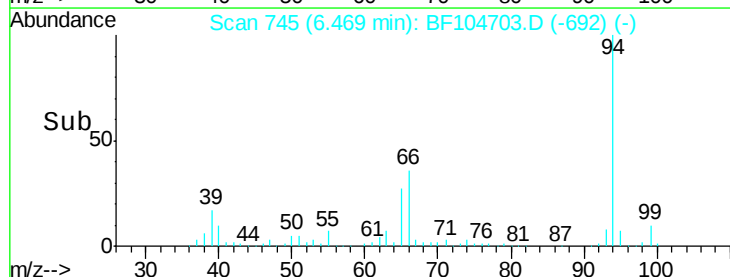
66 36.0 16.2 56.2

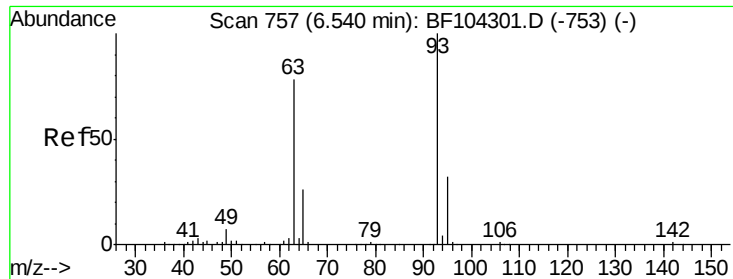


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 28.872 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

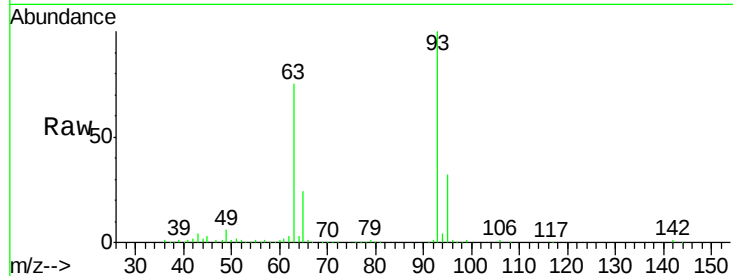
Tot Ion: 93 Resp: 207475

Ion Ratio Lower Upper

93 100

63 75.2 58.6 98.6

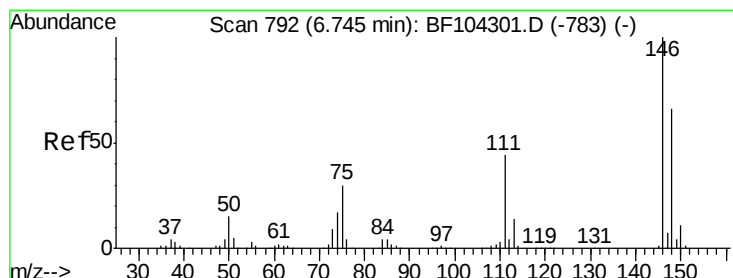
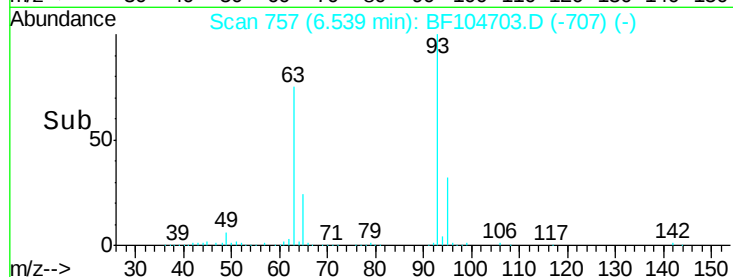
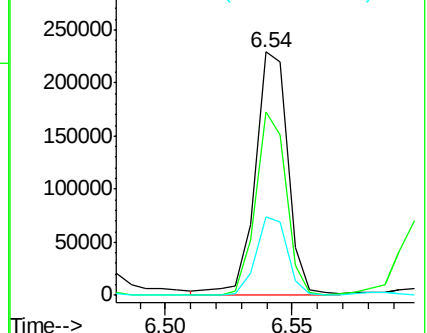
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.189 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

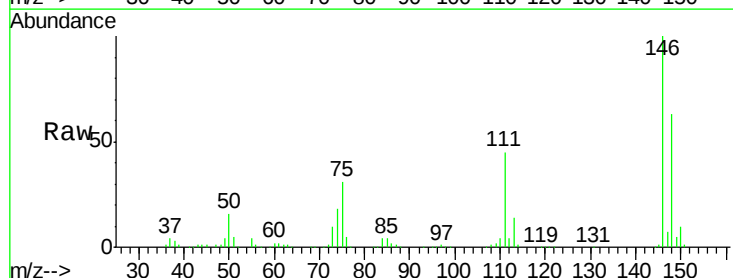
Tgt Ion: 146 Resp: 224566

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

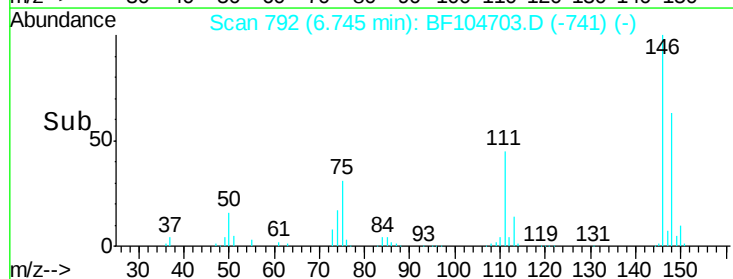
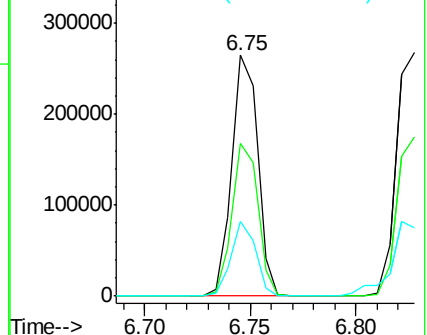
75 31.1 24.2 36.4

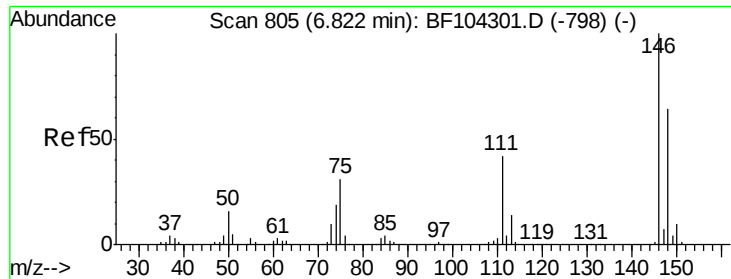


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

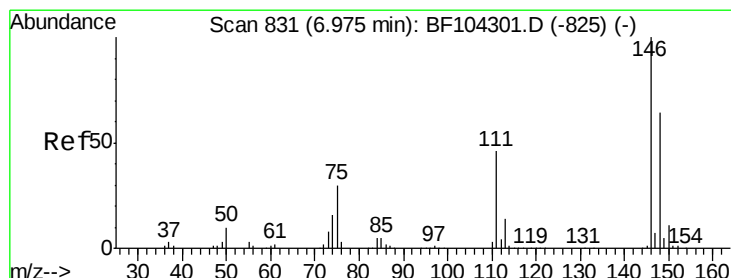
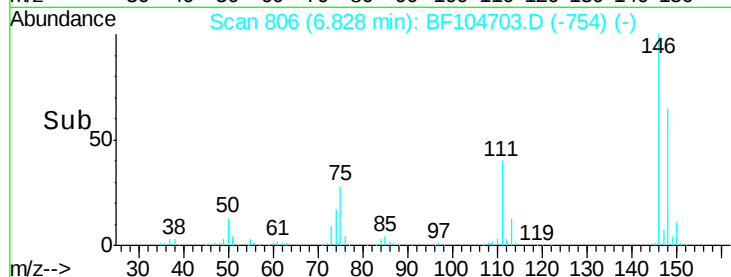
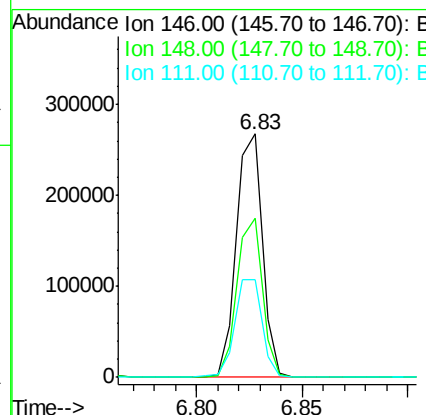
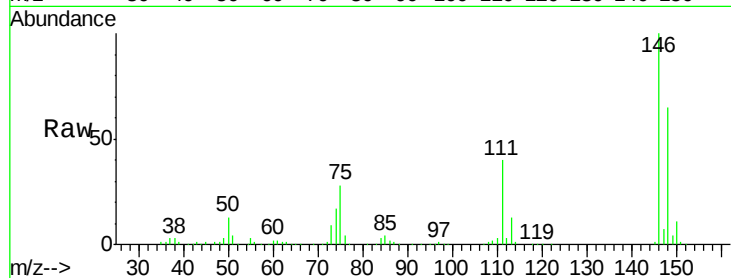




#13
 1,4-Dichlorobenzene
 Concen: 27.471 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

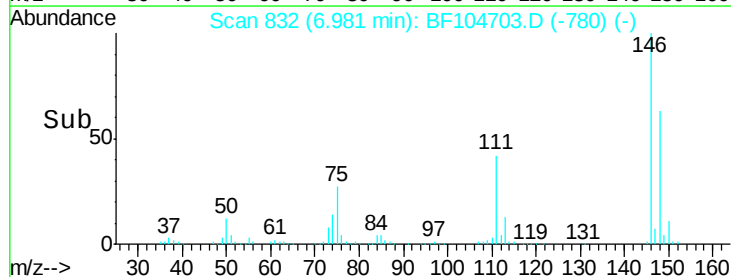
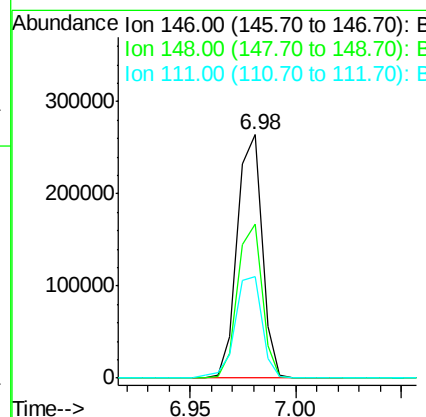
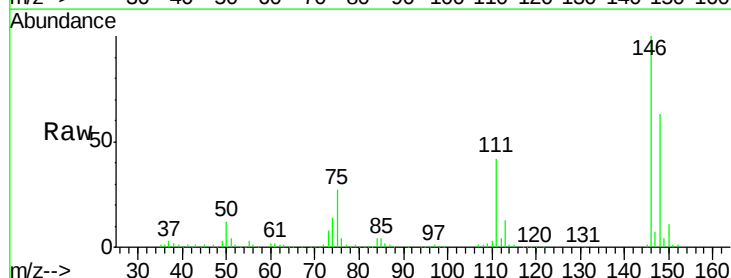
Instrument :
 BNA_F
 ClientSampleId :

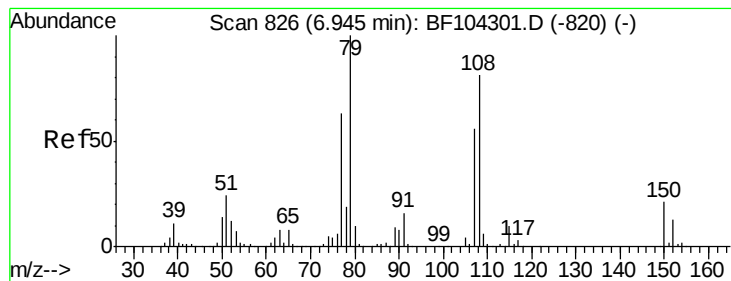
Tot Ion:146 Resp: 226172
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 28.071 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:146 Resp: 214168
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 25.135 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampled :

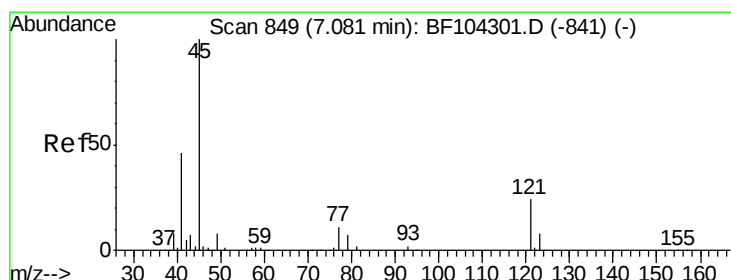
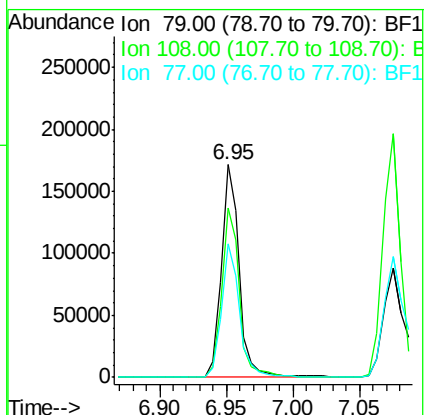
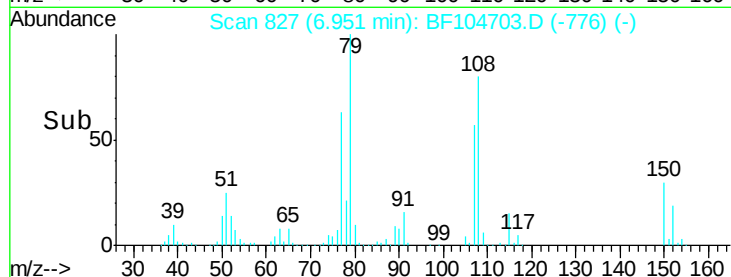
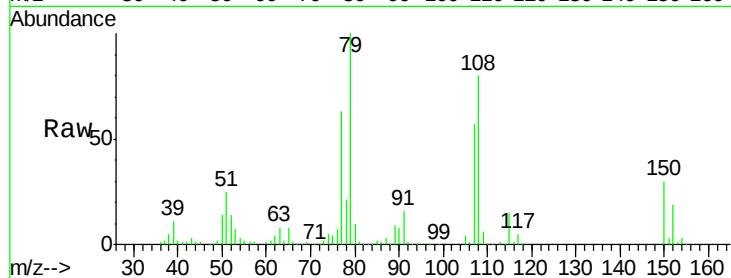
Tot Ion: 79 Resp: 162018

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.430 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

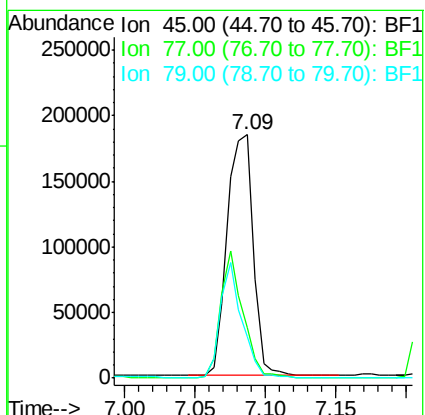
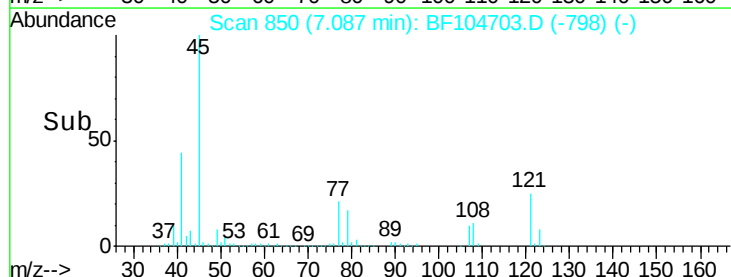
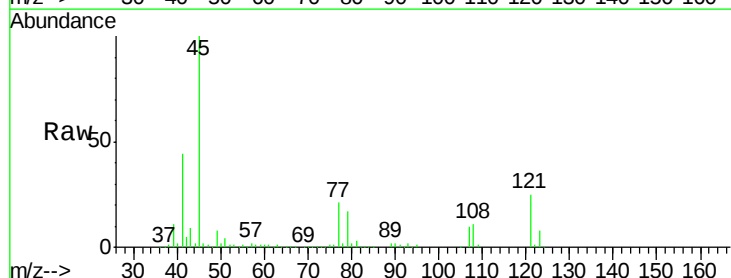
Tgt Ion: 45 Resp: 235762

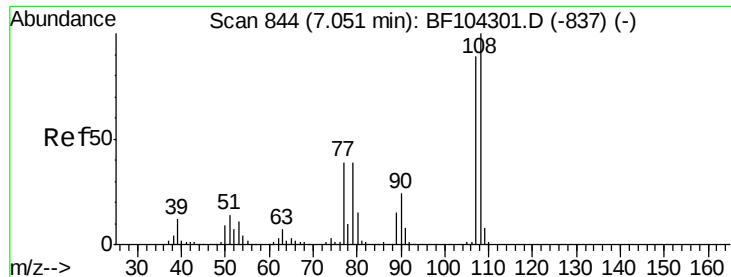
Ion Ratio Lower Upper

45 100

77 20.7 0.0 32.9

79 17.2 0.0 29.6

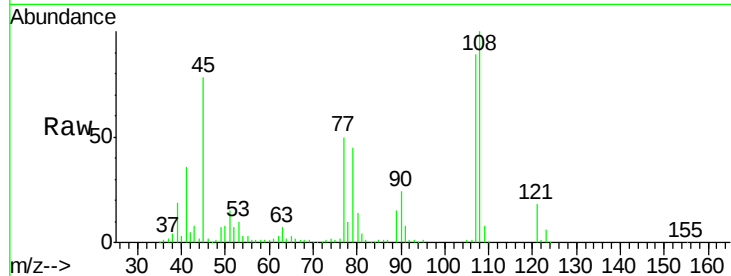




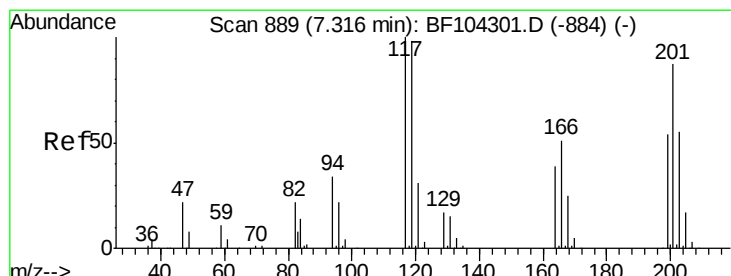
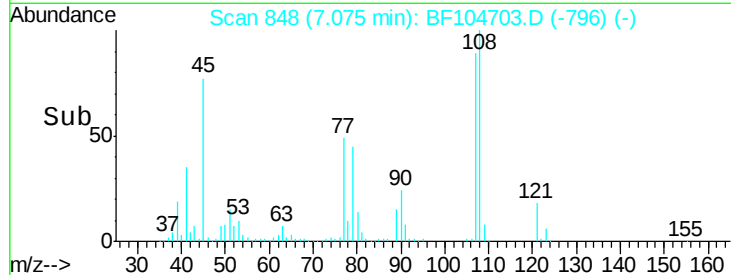
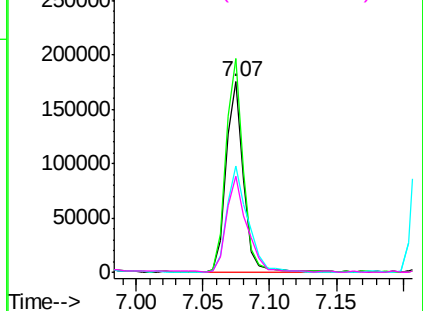
#17
2-Methylphenol
Concen: 25.393 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 160924
Ion Ratio Lower Upper
107 100
108 112.2 91.7 137.5
77 55.6 33.8 50.8#
79 50.5 33.8 50.8

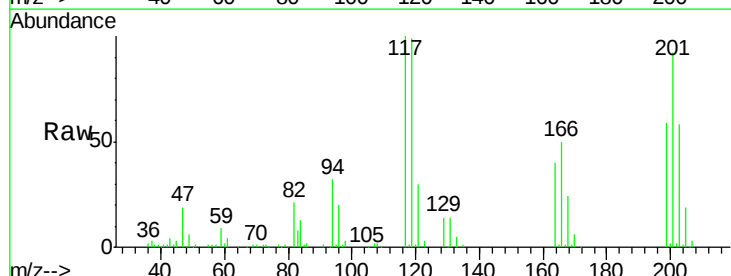


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

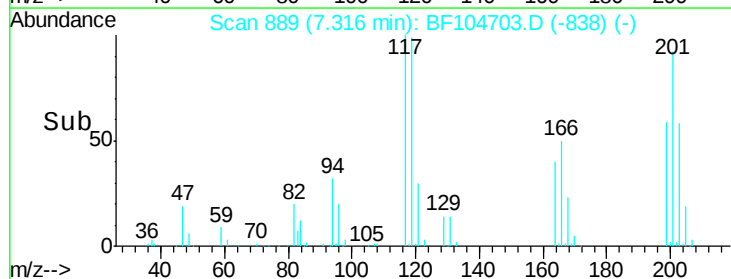
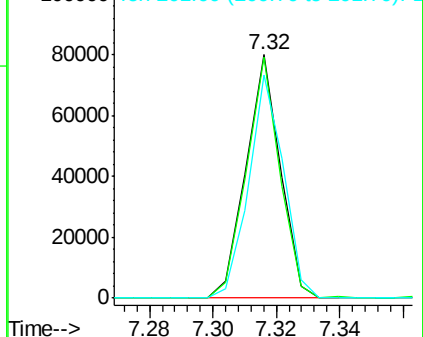


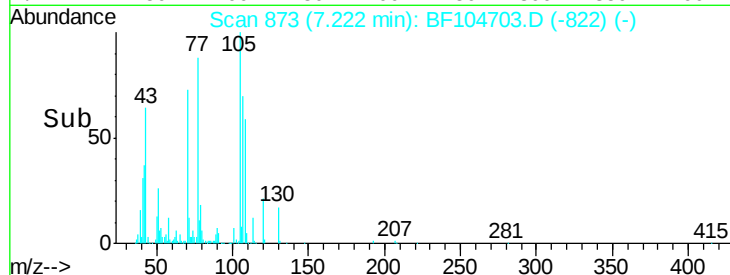
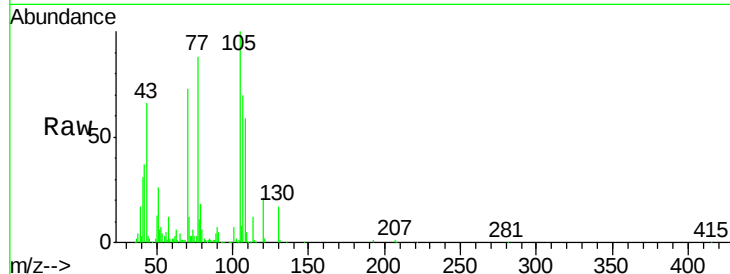
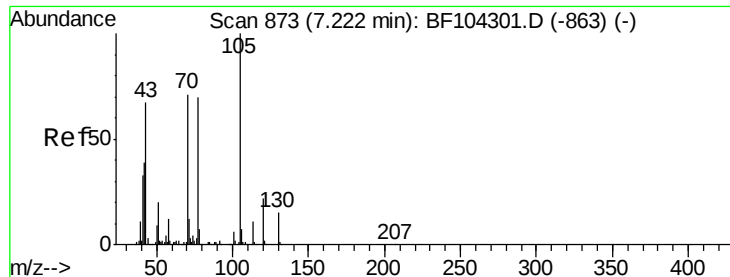
#18
Hexachloroethane
Concen: 20.467 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:117 Resp: 60079
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8
201 91.6 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

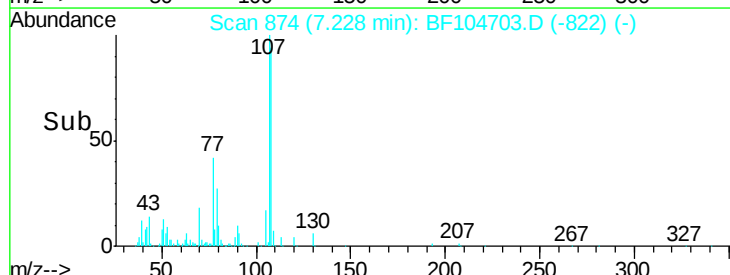
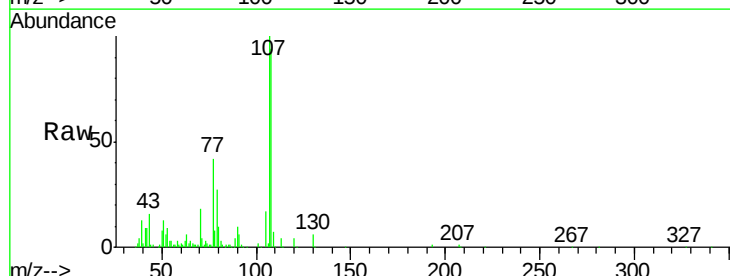
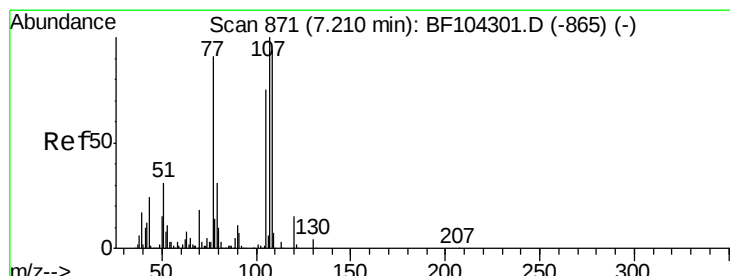
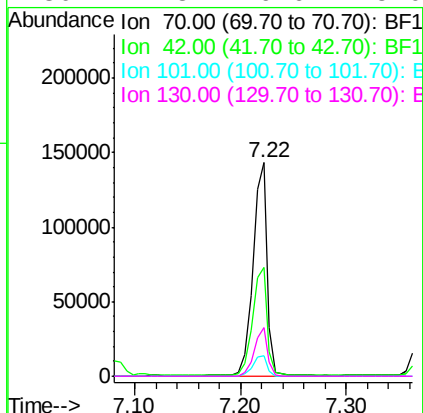




#19
n-Nitroso-di-n-propylamine
Concen: 24.566 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

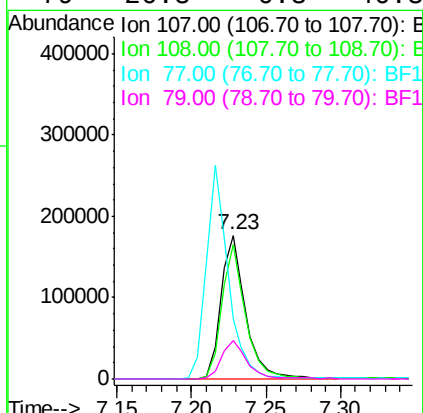
Instrument :
BNA_F
ClientSampleId :

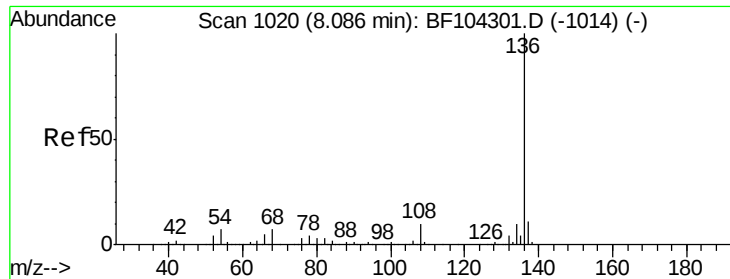
Tot Ion: 70 Resp: 136237
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 9.8 7.4 11.2
130 22.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 25.838 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:107 Resp: 203083
Ion Ratio Lower Upper
107 100
108 93.8 68.2 108.2
77 41.6 26.7 66.7
79 26.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 400673

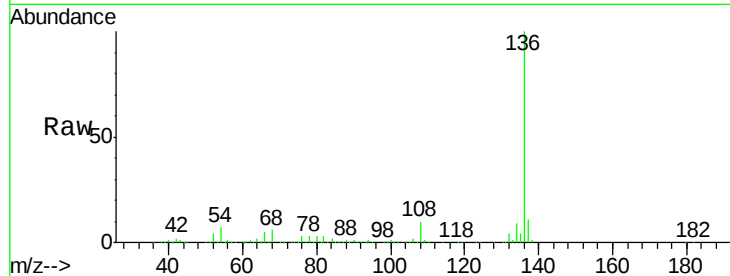
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 6.1 5.0 7.4

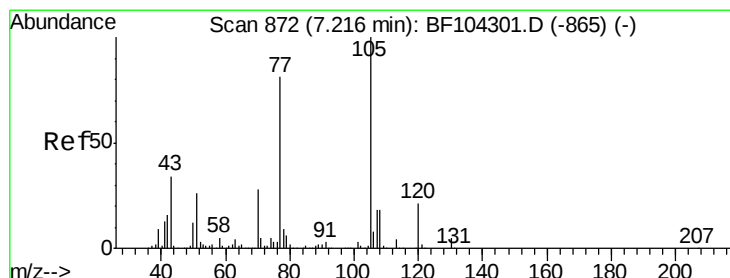
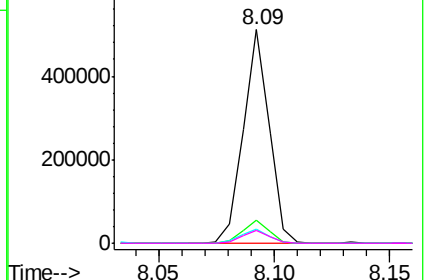
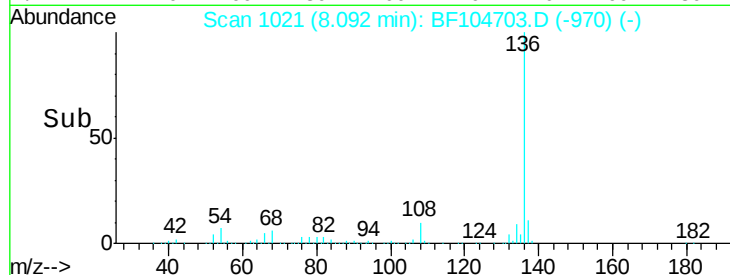


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.687 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Tgt Ion:105 Resp: 282974

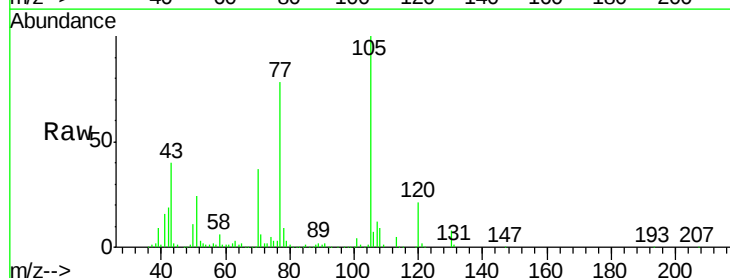
Ion Ratio Lower Upper

105 100

71 6.1 4.4 6.6

51 24.2 22.3 33.5

120 21.2 16.9 25.3

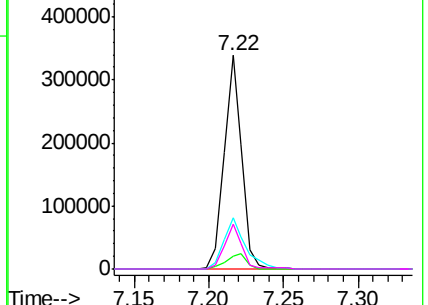
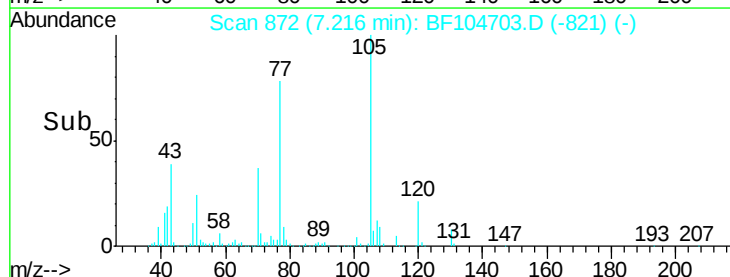


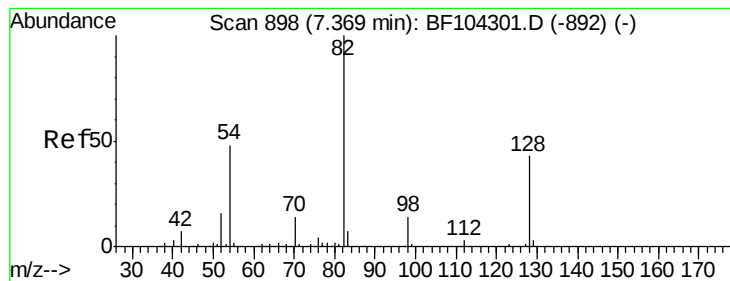
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 63.942 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampled :

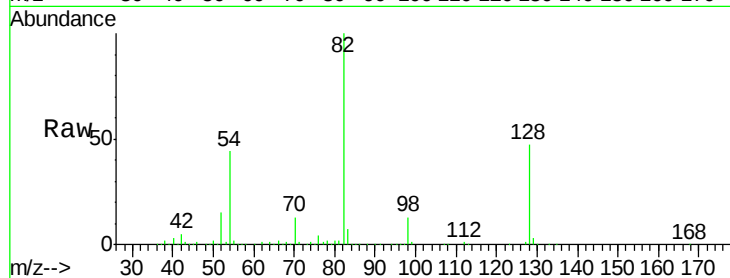
Tot Ion: 82 Resp: 392355

Ion Ratio Lower Upper

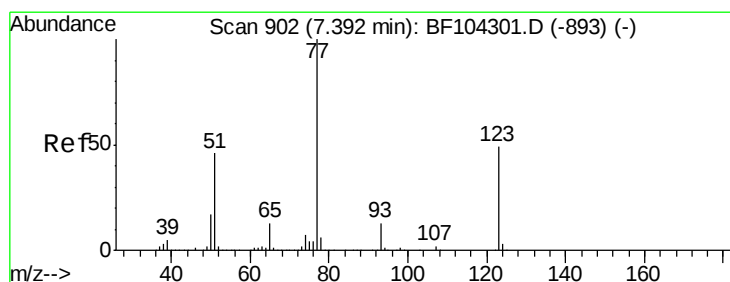
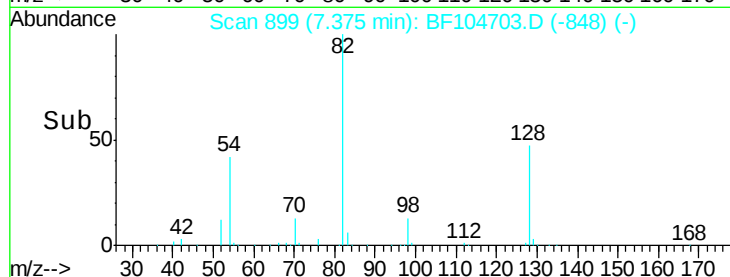
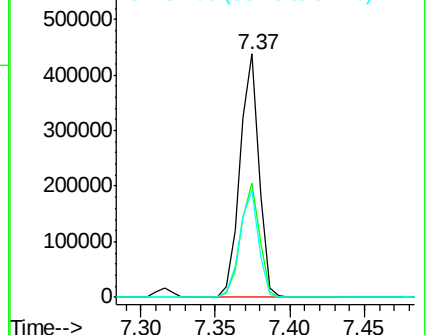
82 100

128 46.9 36.1 54.1

54 43.8 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: 29.608 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

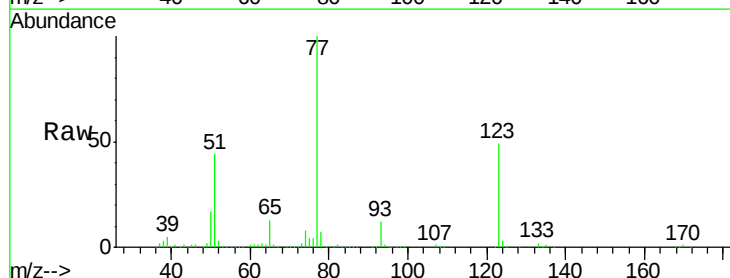
Tgt Ion: 77 Resp: 200584

Ion Ratio Lower Upper

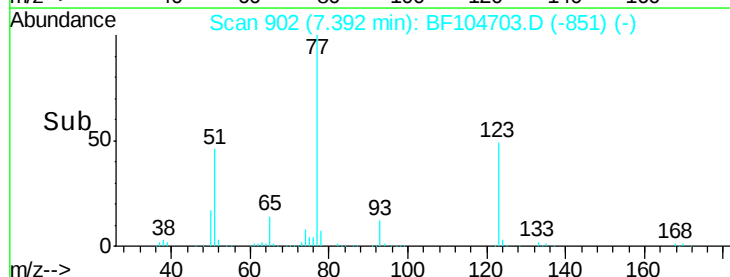
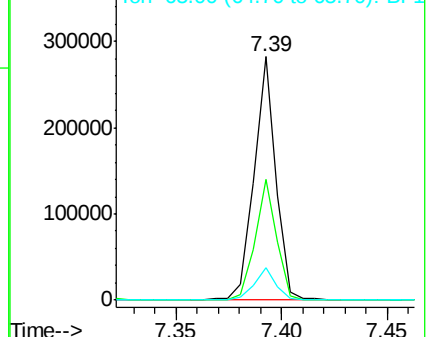
77 100

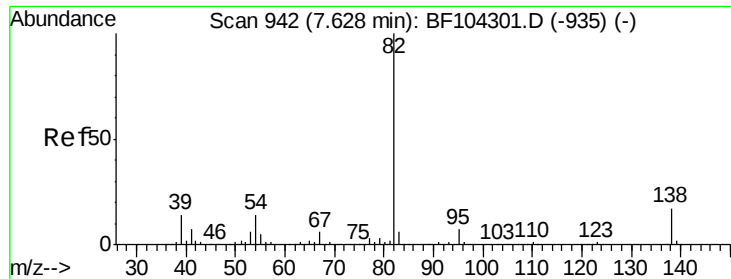
123 49.4 37.9 56.9

65 13.5 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: 27.533 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

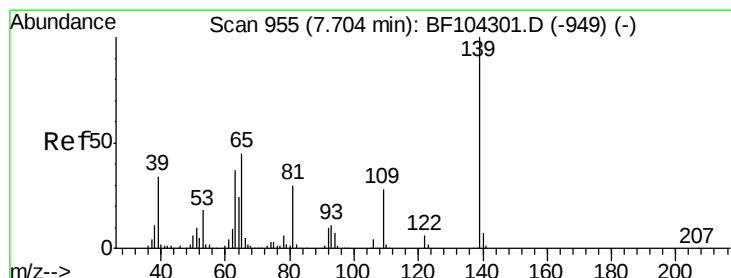
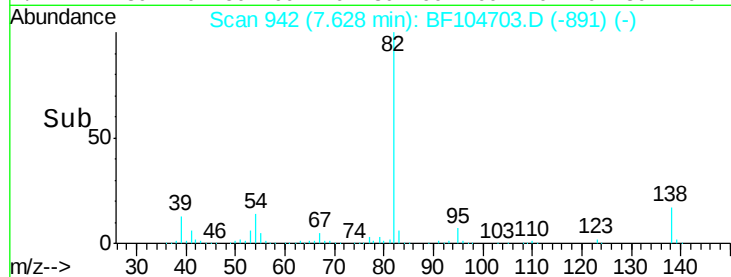
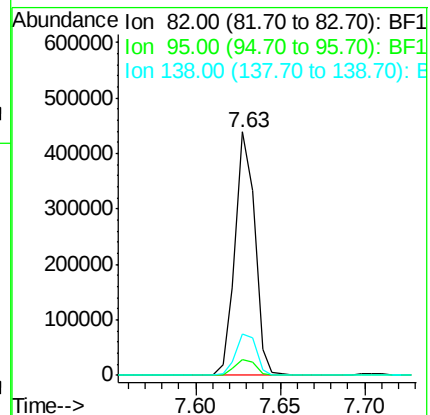
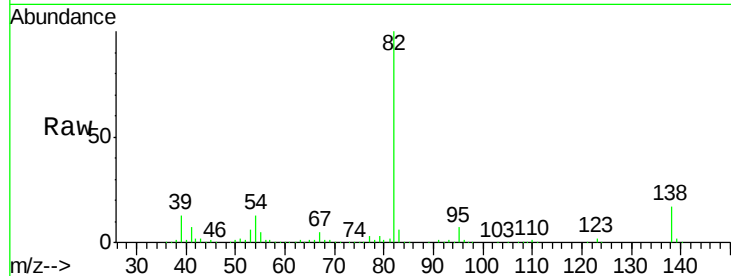
Tot Ion: 82 Resp: 357260

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 31.101 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

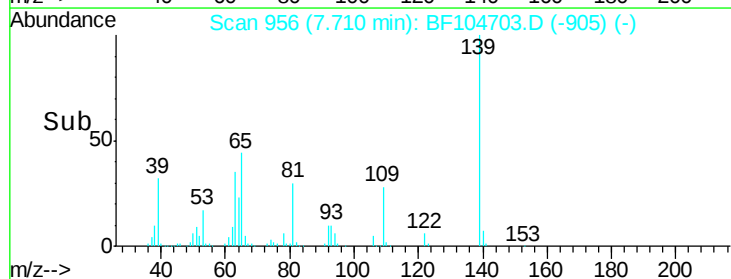
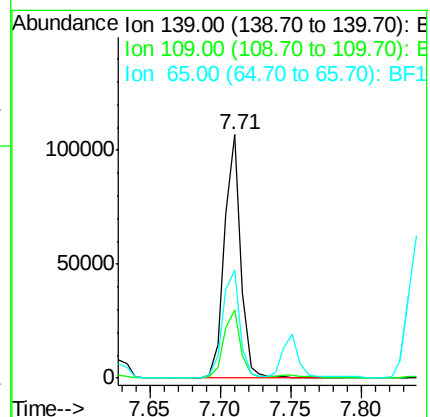
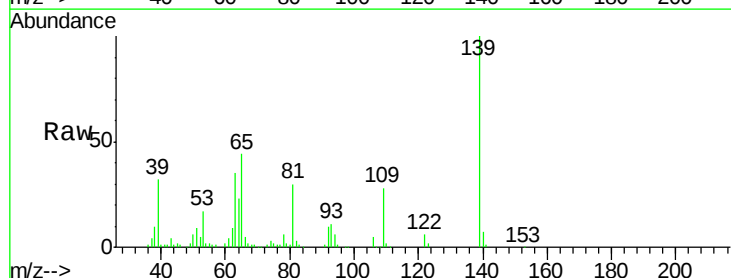
Tgt Ion: 139 Resp: 85775

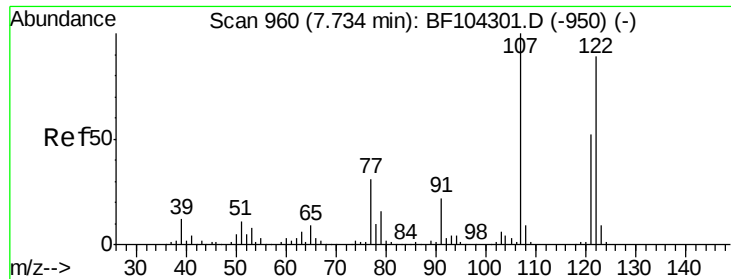
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 44.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 29.678 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

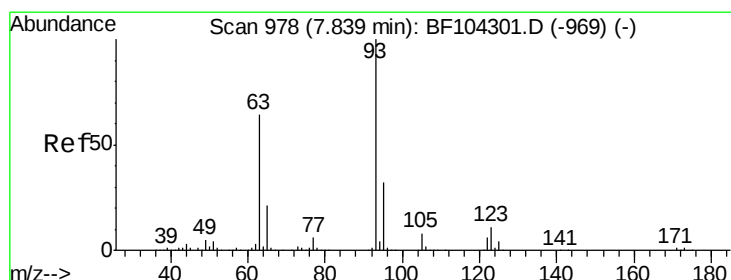
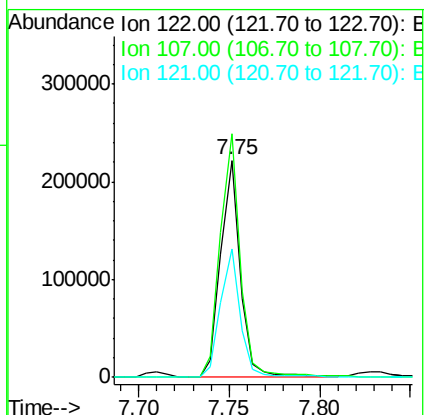
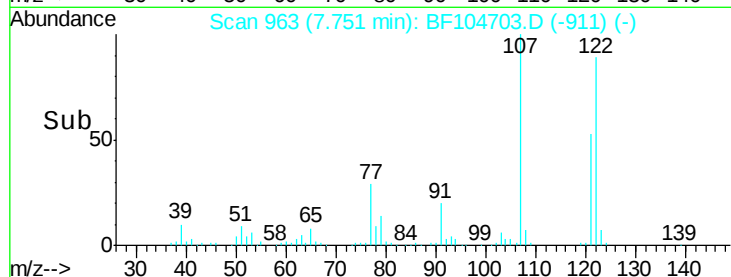
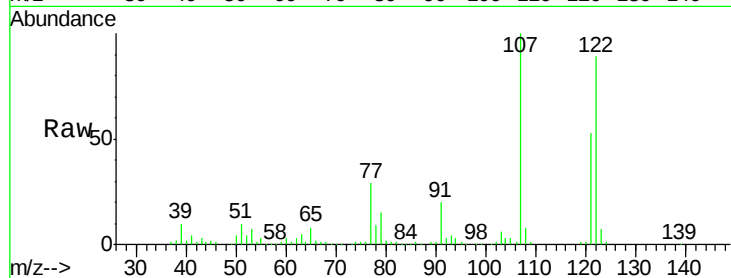
Tot Ion:122 Resp: 169954

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

121 59.1 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 29.714 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

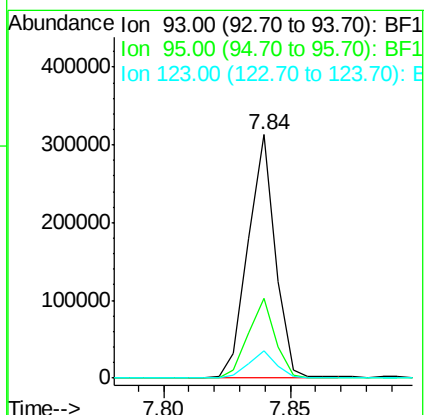
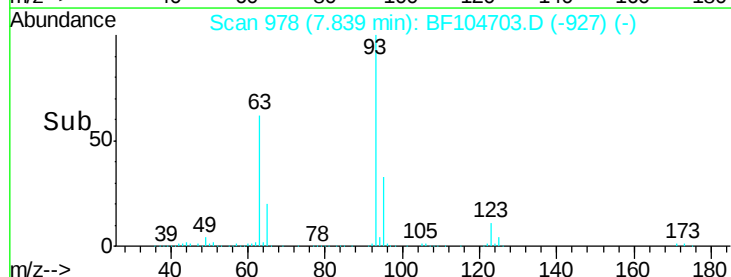
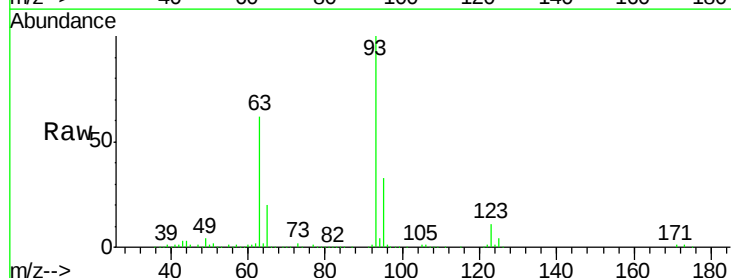
Tgt Ion: 93 Resp: 235737

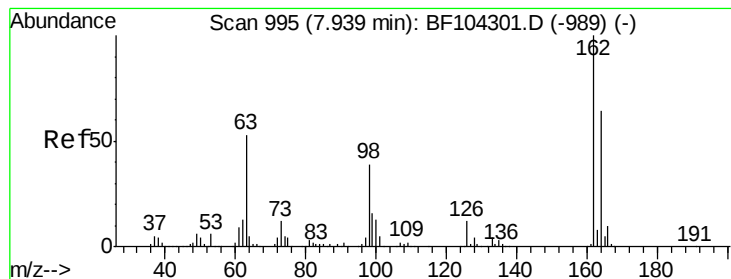
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 27.975 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

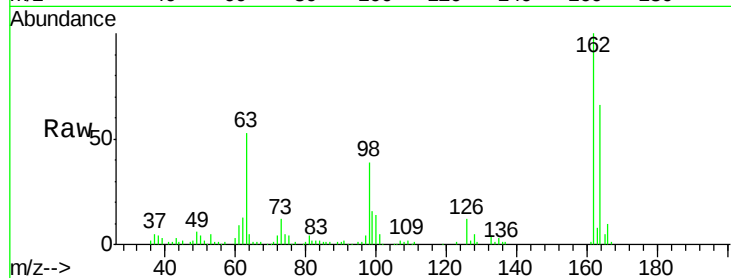
Tot Ion:162 Resp: 152854

Ion Ratio Lower Upper

162 100

164 65.7 42.7 82.7

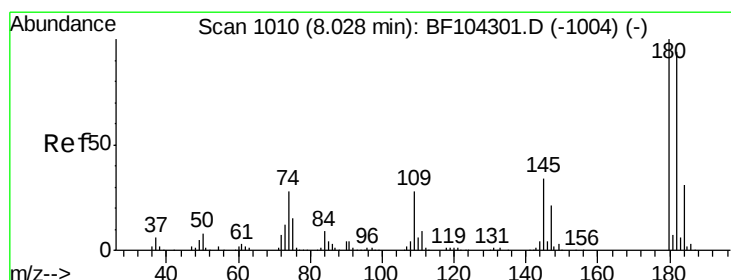
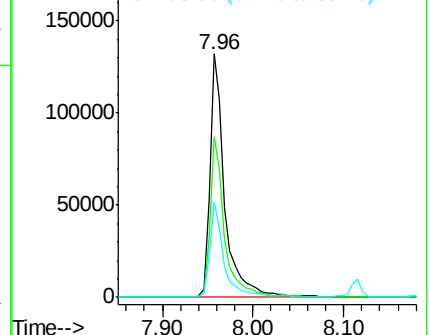
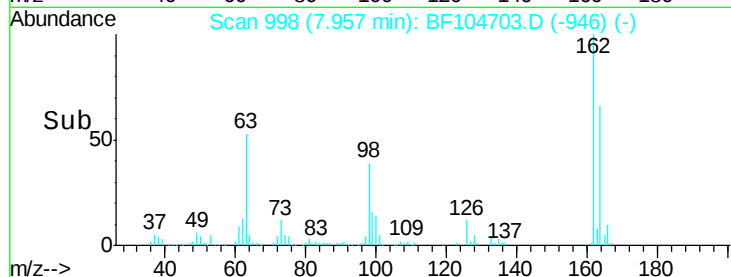
98 38.9 18.1 58.1



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: 27.723 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

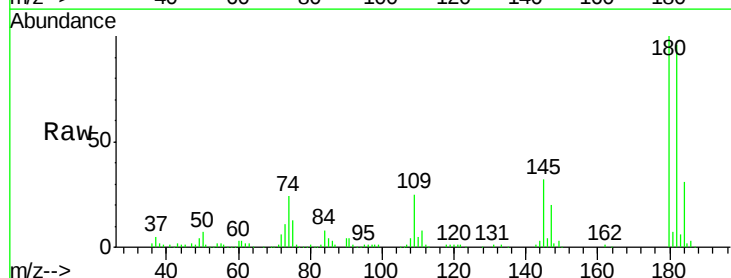
Tgt Ion:180 Resp: 166241

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

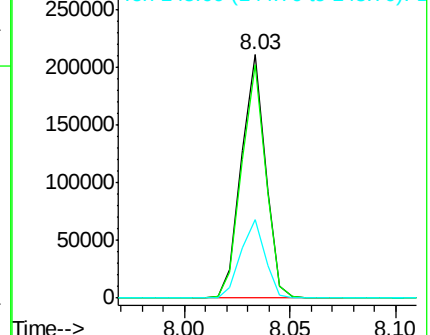
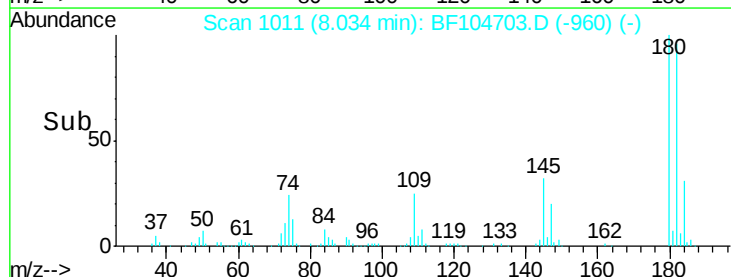
145 32.2 26.5 39.7

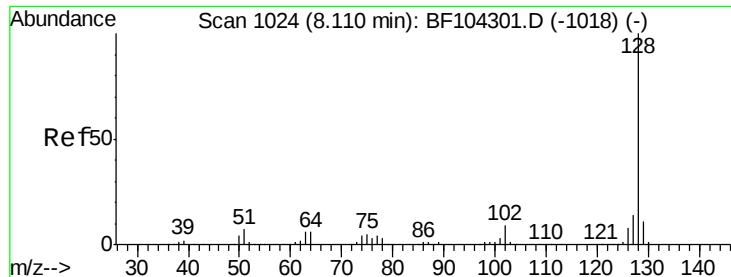


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.023 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampled :

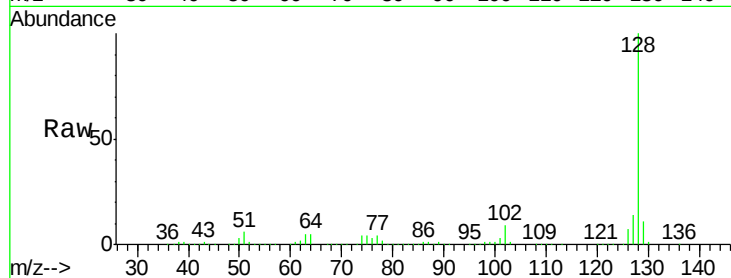
Tot Ion:128 Resp: 559104

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

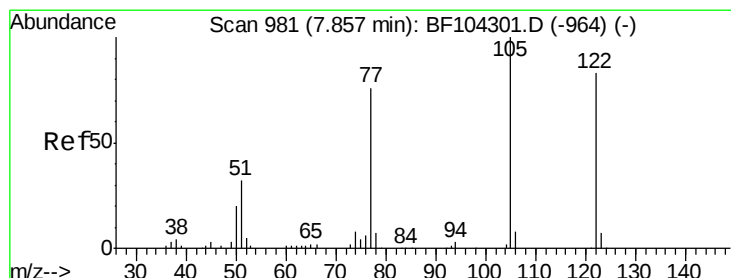
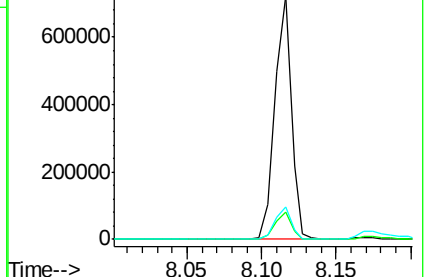
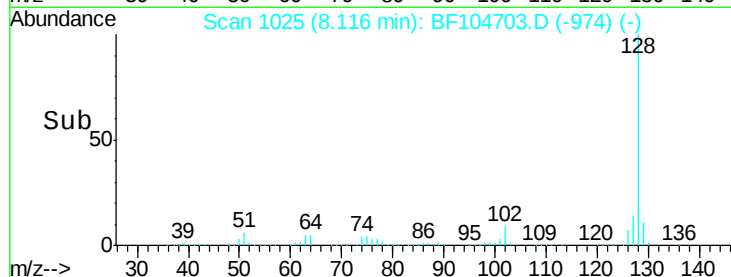
127 13.5 10.9 16.3



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: 37.196 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.12 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

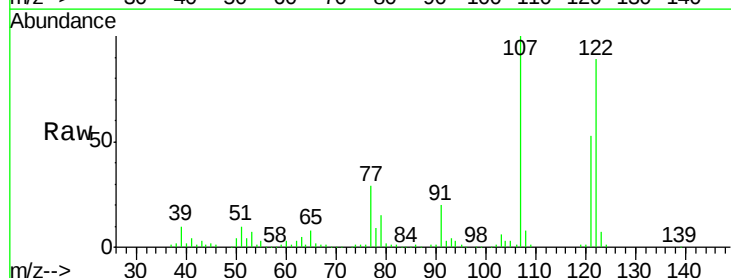
Tgt Ion:122 Resp: 169954

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

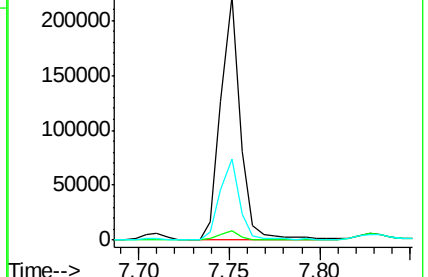
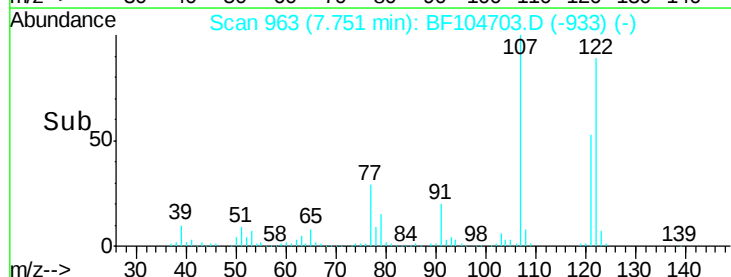
77 33.1 70.7 110.7#

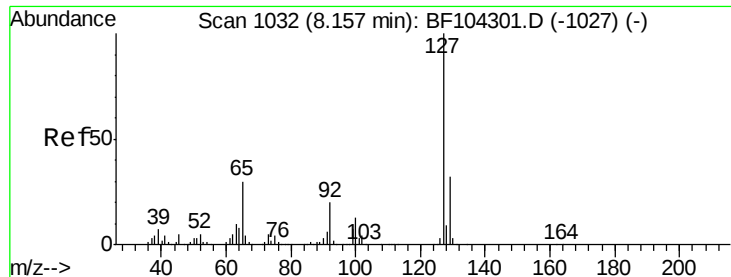


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

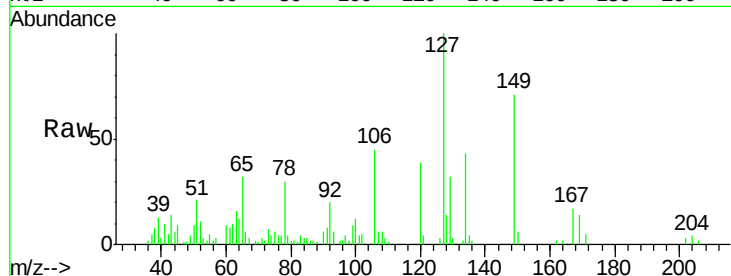




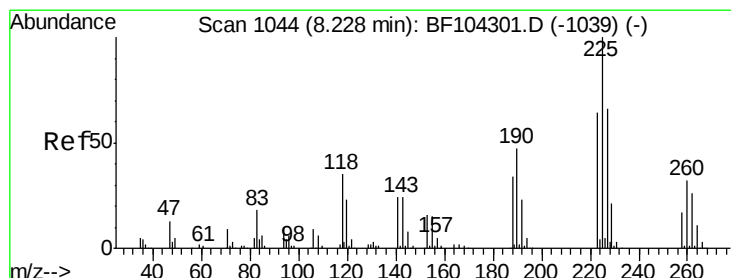
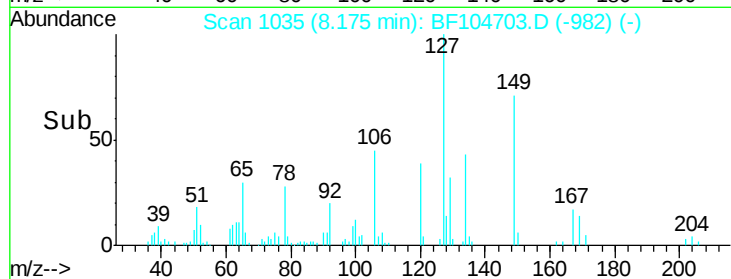
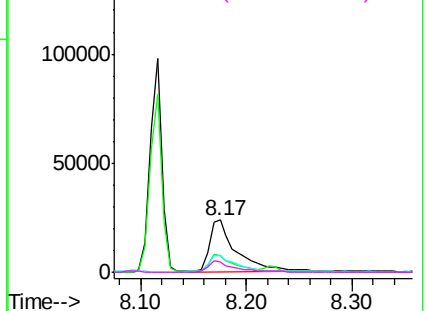
#33
4-Chloroaniline
Concen: 4.964 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	42427
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.4	25.0	37.4
92	20.4	15.2	22.8

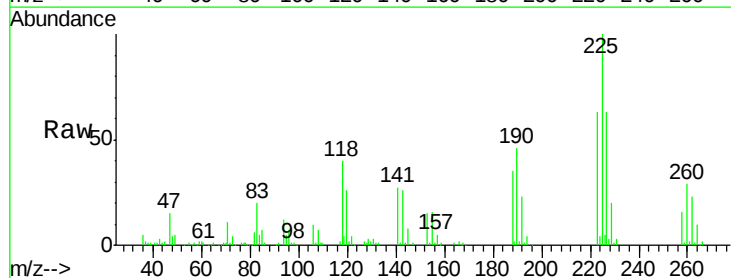


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

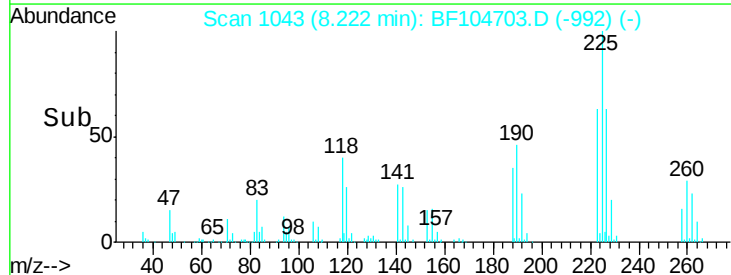
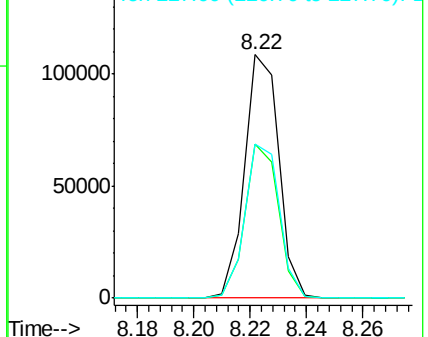


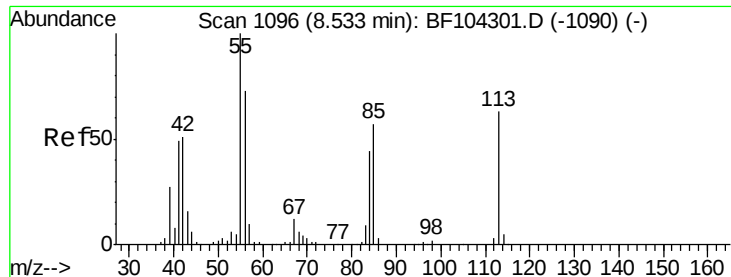
#34
Hexachlorobutadiene
Concen: 27.759 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:	225	Resp:	91173
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.1	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

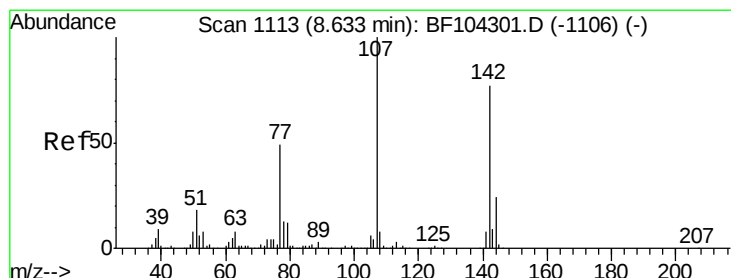
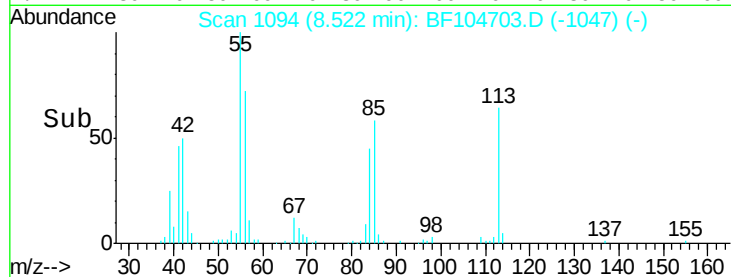
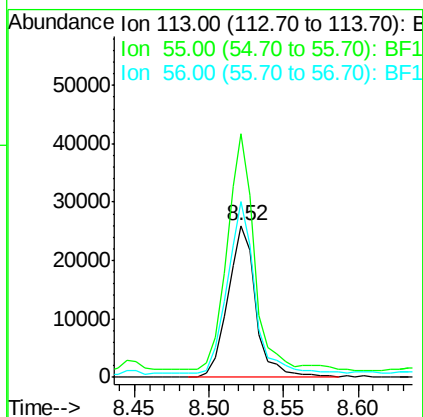
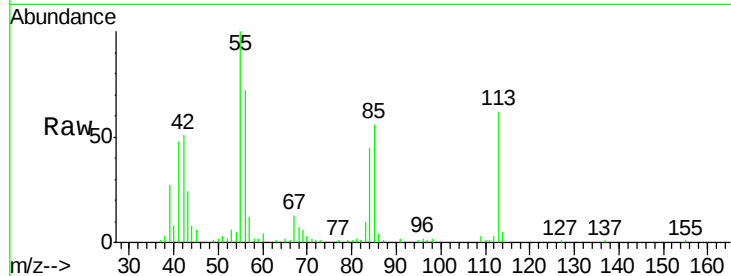




#35
 Caprolactam
 Concen: 17.908 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

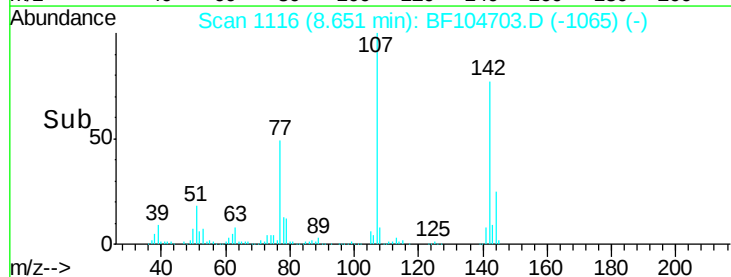
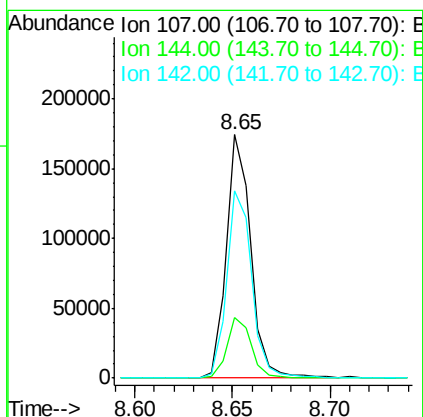
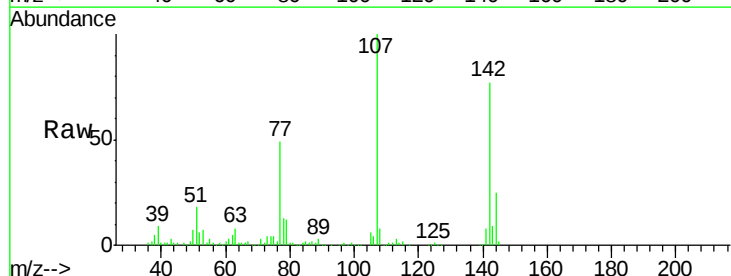
Instrument :
 BNA_F
 ClientSampled :

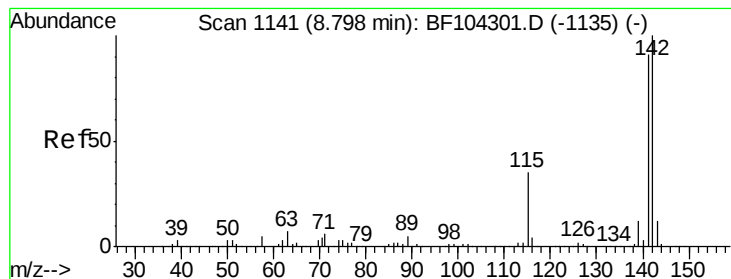
Tot Ion:113 Resp: 34135
 Ion Ratio Lower Upper
 113 100
 55 160.3 163.3 203.3#
 56 115.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 25.857 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:107 Resp: 151494
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 77.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 27.298 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

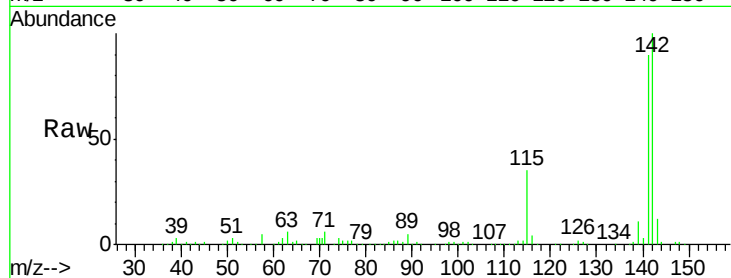
Tot Ion:142 Resp: 352293

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

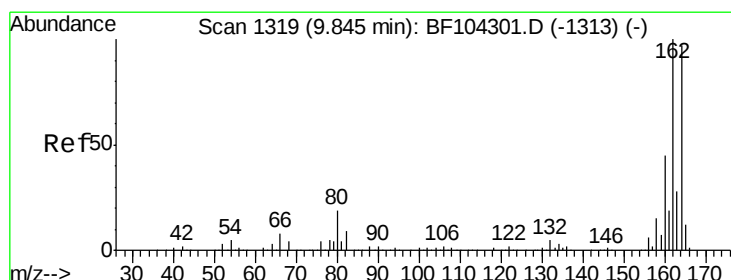
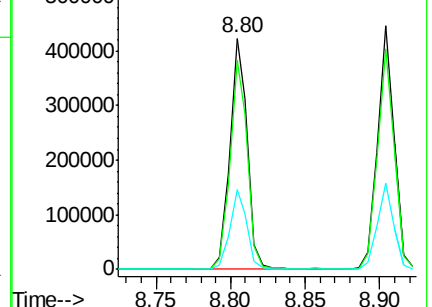
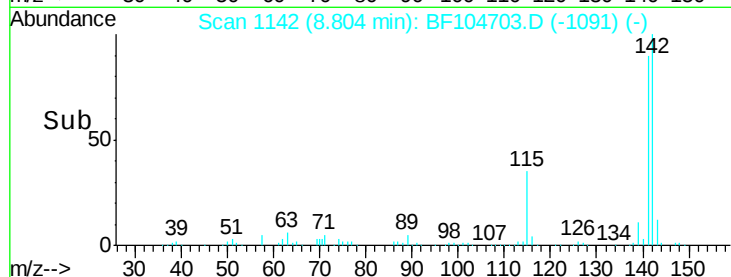
115 34.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

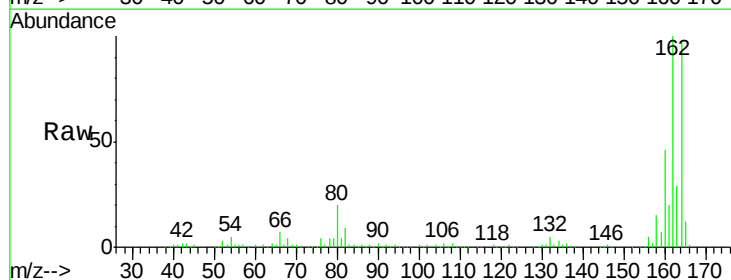
Tgt Ion:164 Resp: 160740

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

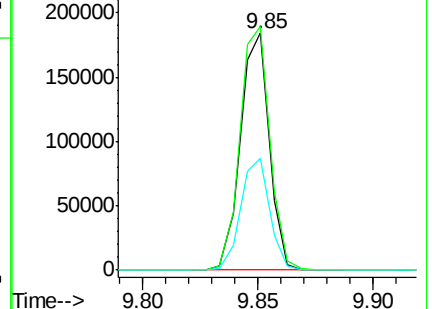
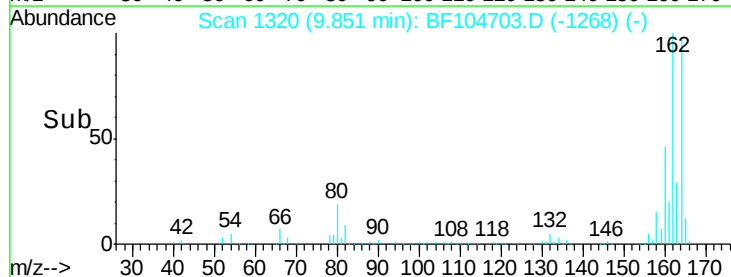
160 47.1 38.3 57.5

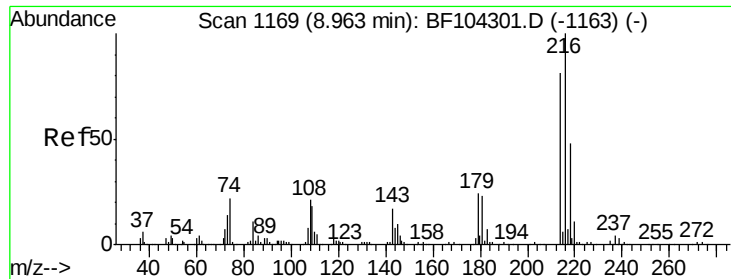


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

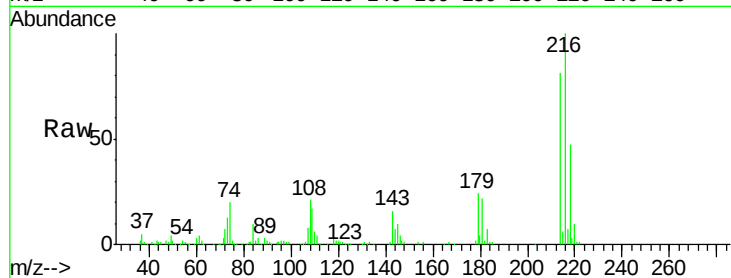




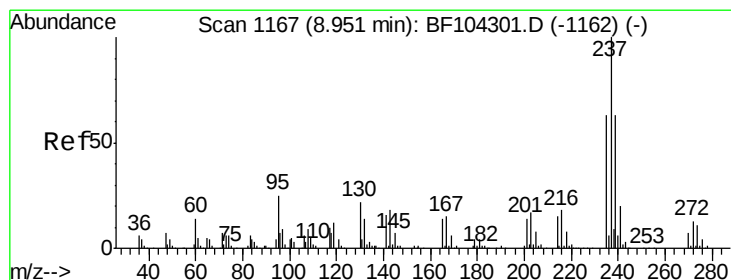
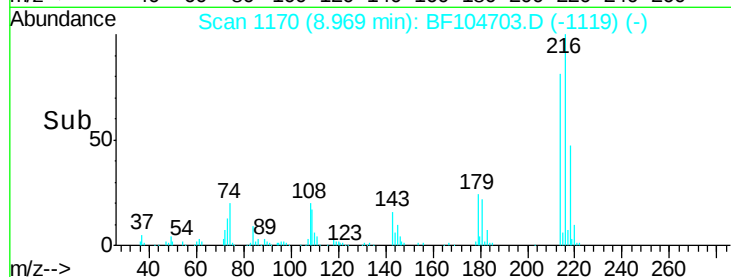
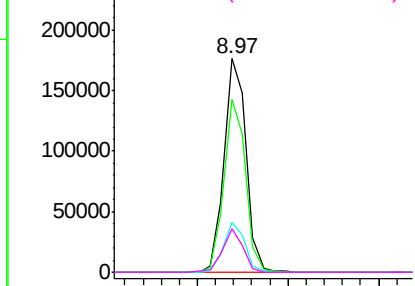
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.281 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	148536
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.5	18.1	27.1
108	19.1	17.2	25.8

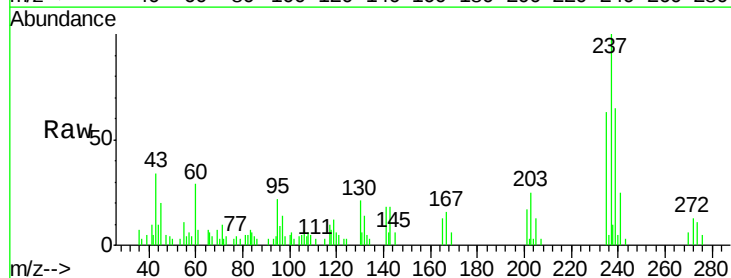


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

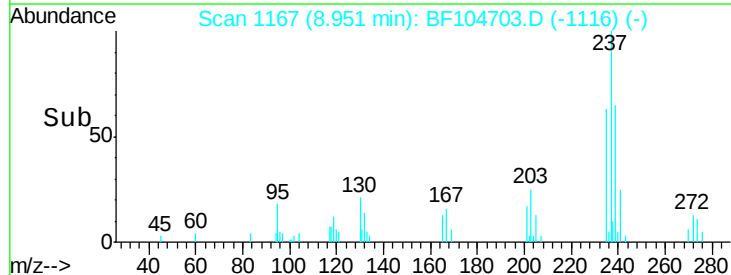
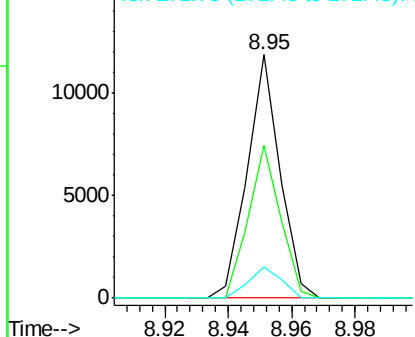


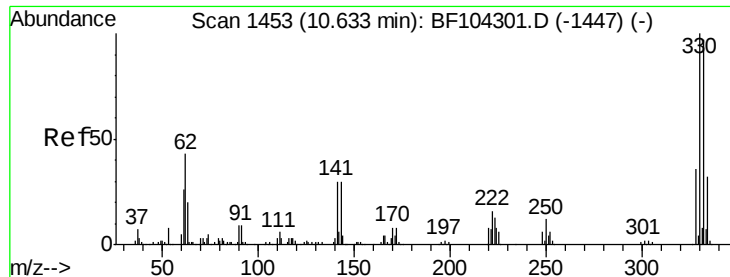
#40
 Hexachlorocyclopentadiene
 Concen: 3.288 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:	237	Resp:	8469
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	12.8	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: 80.024 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104703.D

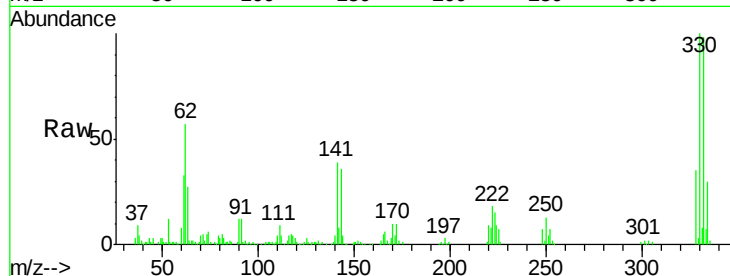
Acq: 23 Apr 2018 12:27

Instrument :

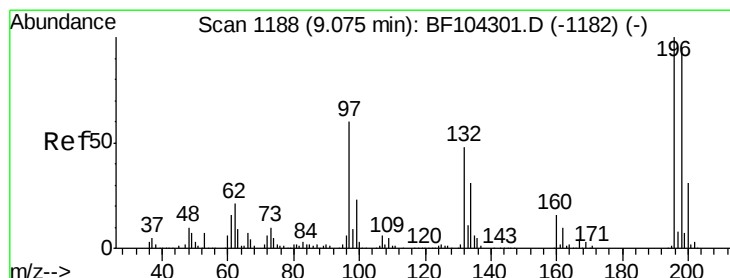
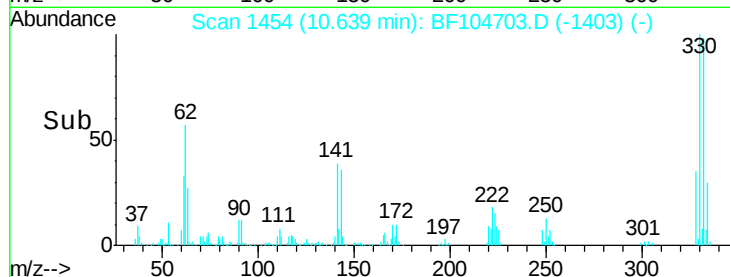
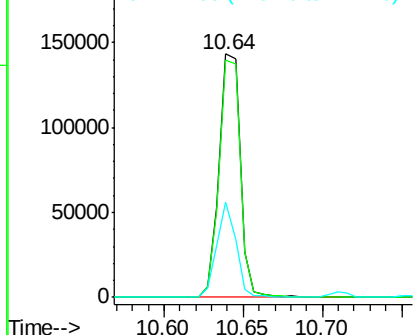
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	133432
Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	35.8	29.9	44.9



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



#42

2,4,6-Trichlorophenol

Concen: 29.569 ng

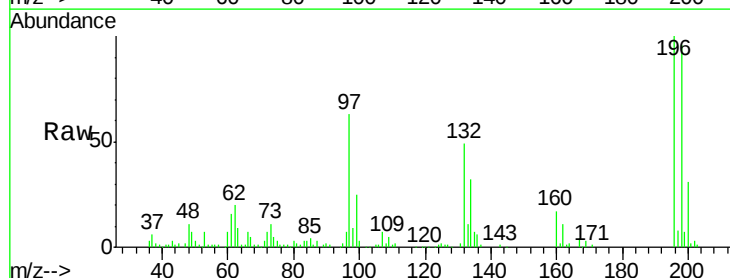
RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

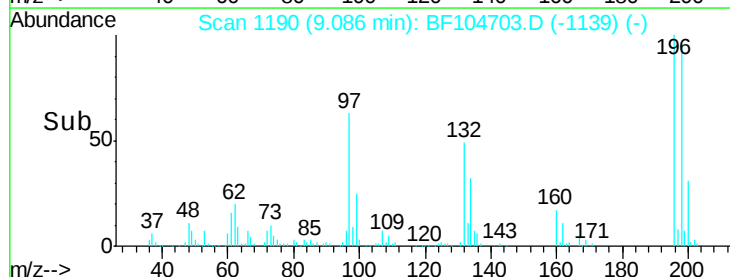
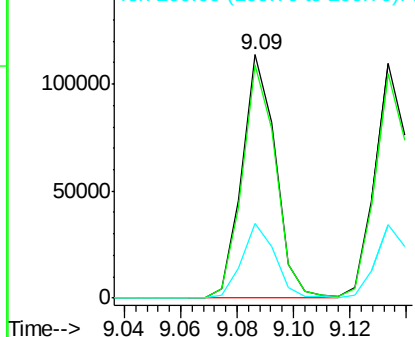
Lab File: BF104703.D

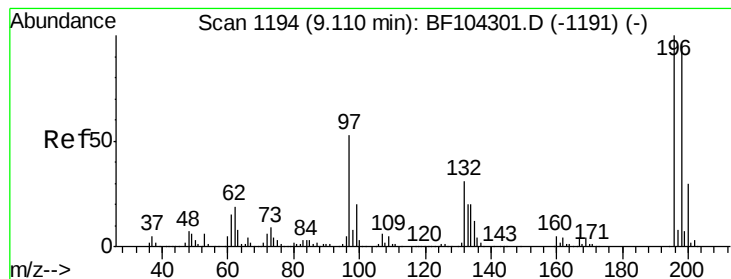
Acq: 23 Apr 2018 12:27

Tgt Ion:	196	Resp:	94447
Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.8	24.5	36.7



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





#43

2,4,5-Trichlorophenol

Concen: 27.589 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 98614

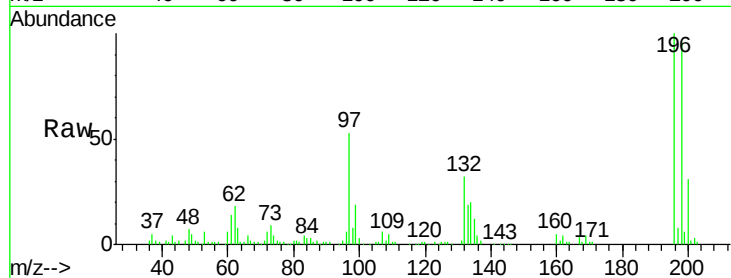
Ion Ratio Lower Upper

196 100

198 95.8 74.6 112.0

97 52.9 42.9 64.3

132 31.8 26.3 39.5

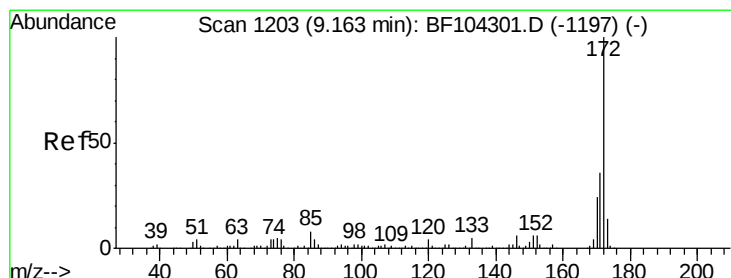
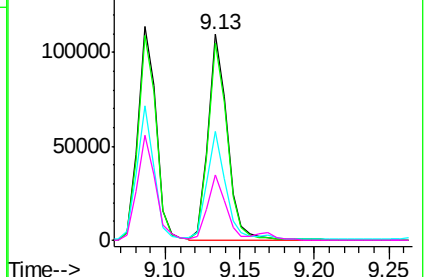
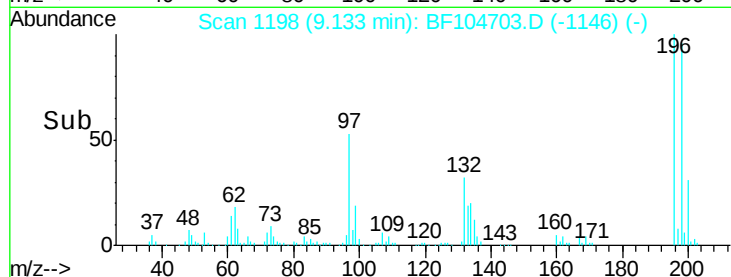


Abundance Ion 196.00 (195.70 to 196.70): E

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: 66.404 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

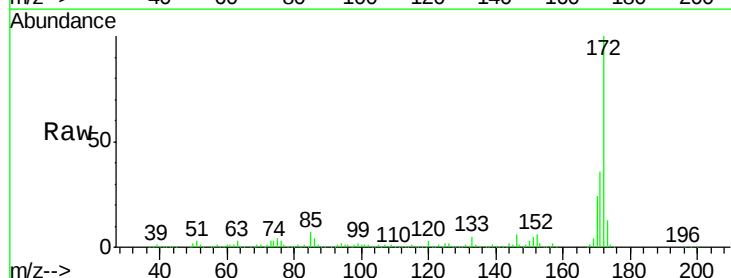
Tgt Ion:172 Resp: 675660

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

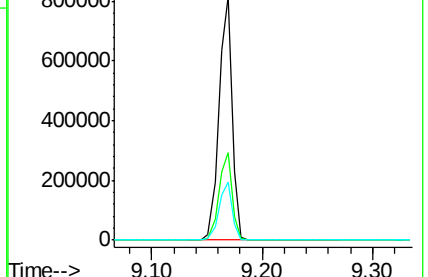
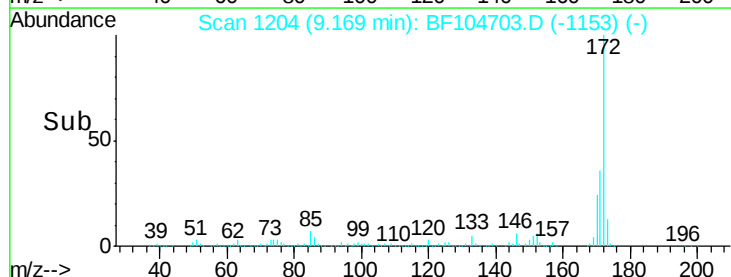
170 24.0 19.6 29.4

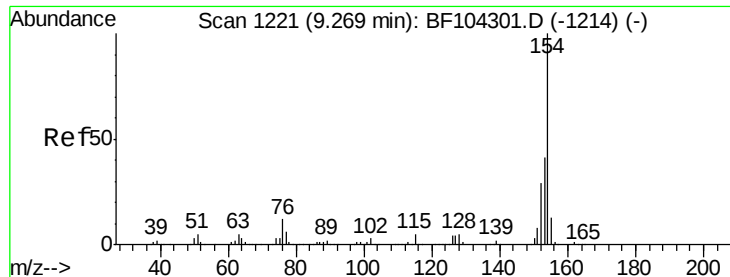


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

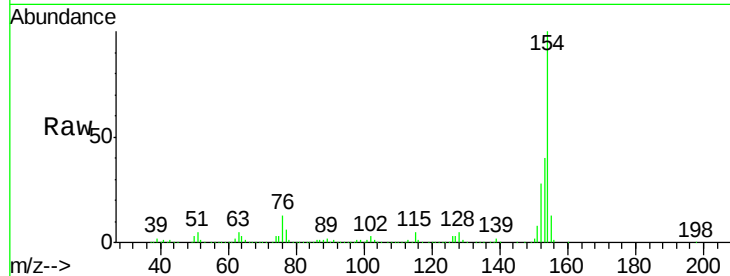




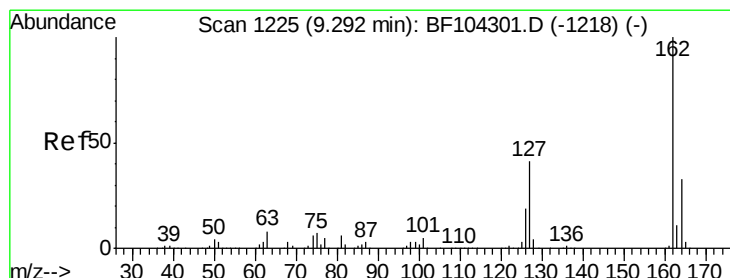
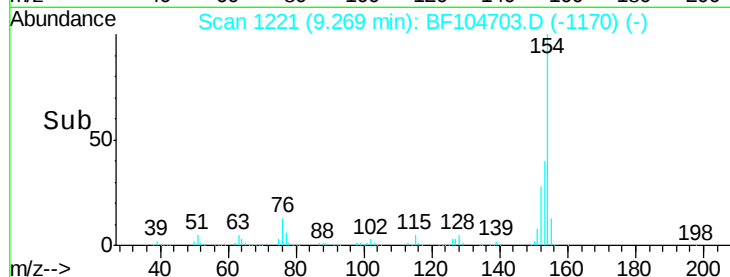
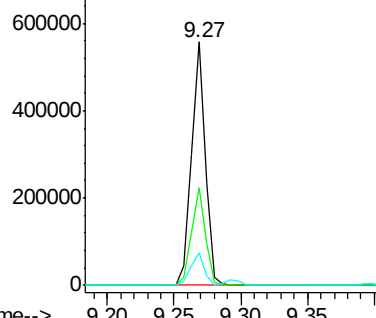
#45
 1,1'-Biphenyl
 Concen: 30.485 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	13.2	0.0	34.0

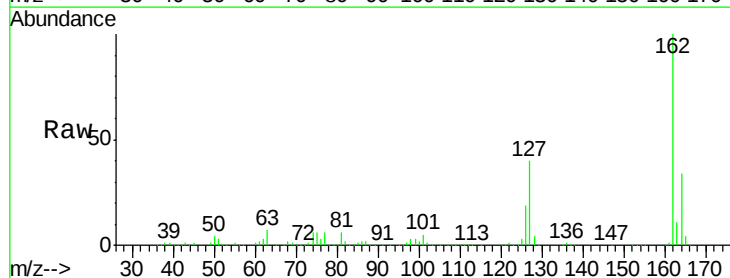


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

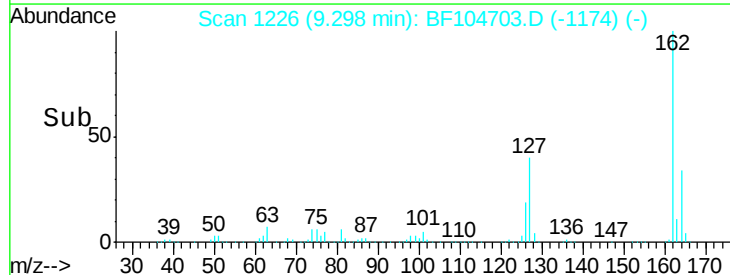
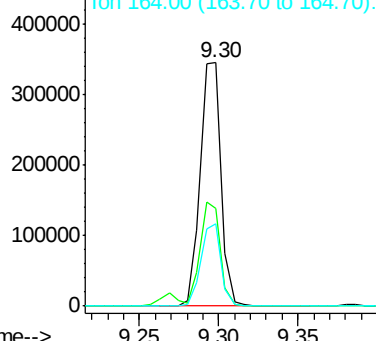


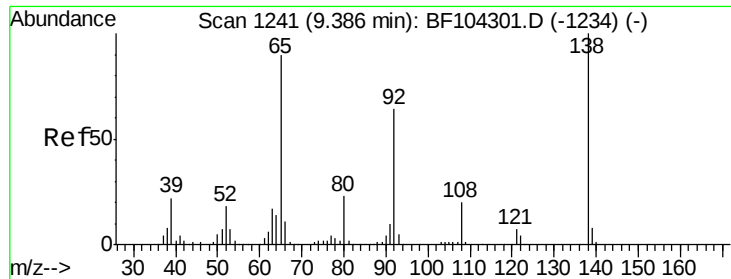
#46
 2-Chloronaphthalene
 Concen: 29.483 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	34.0	26.5	39.7



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





#47

2-Nitroaniline

Concen: 37.196 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

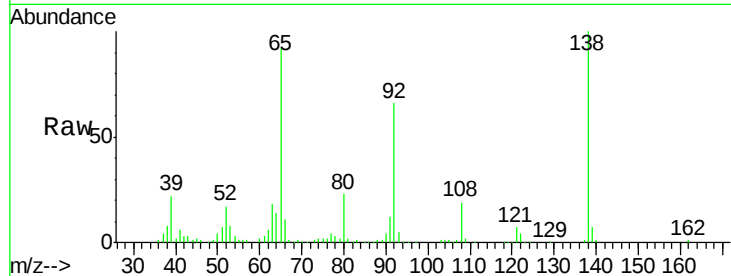
Tot Ion: 65 Resp: 98110

Ion Ratio Lower Upper

65 100

92 72.1 55.8 83.6

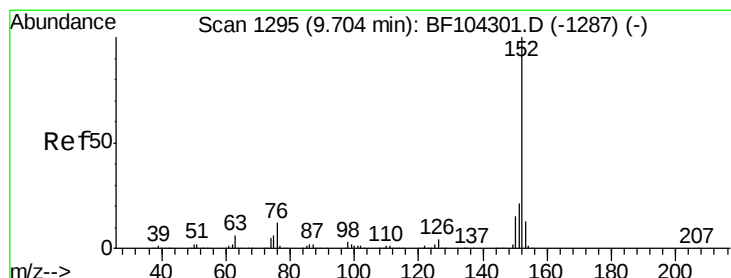
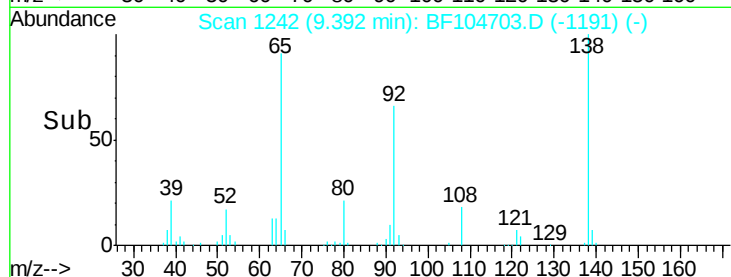
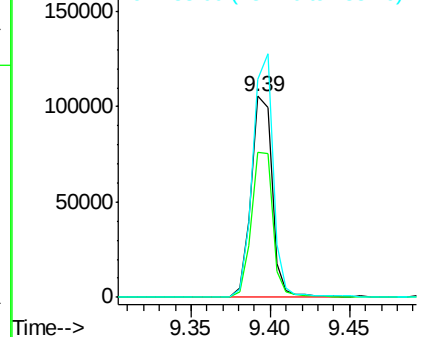
138 108.4 91.2 136.8



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: 26.205 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

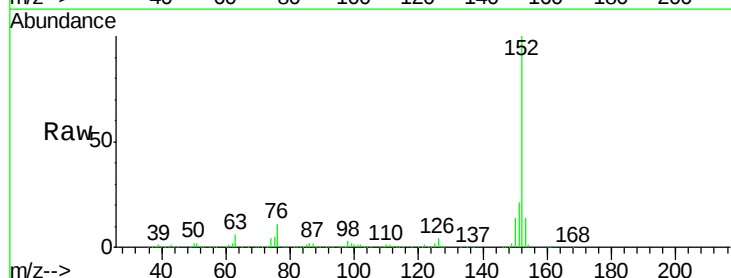
Tgt Ion:152 Resp: 438520

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

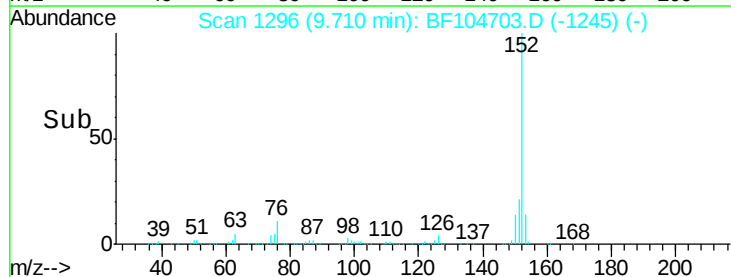
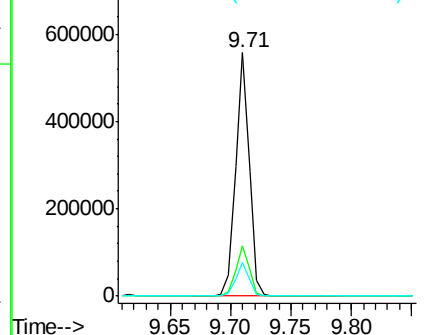
153 13.6 10.7 16.1

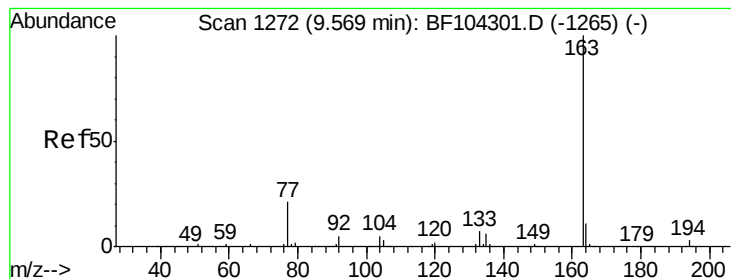


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.054 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

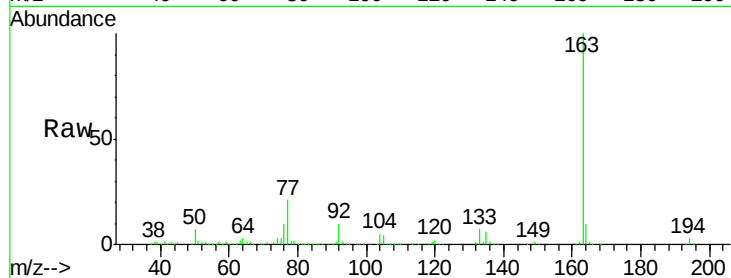
Tot Ion:163 Resp: 418982

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

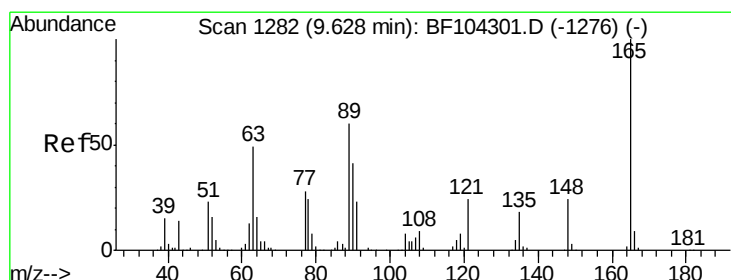
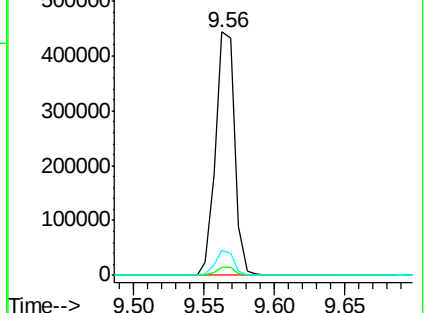
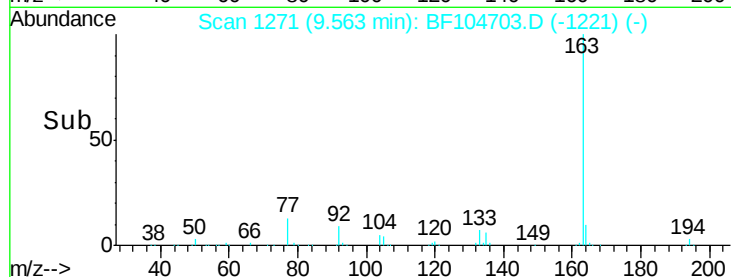
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 27.224 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

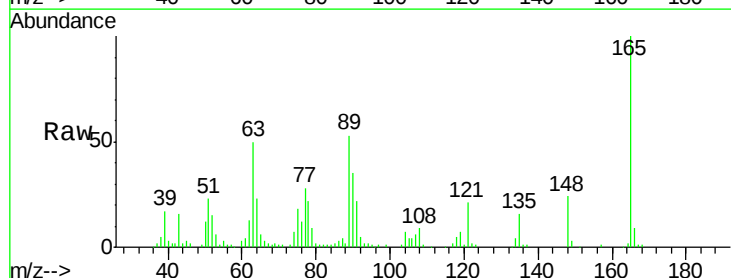
Tgt Ion:165 Resp: 63853

Ion Ratio Lower Upper

165 100

63 49.9 44.7 67.1

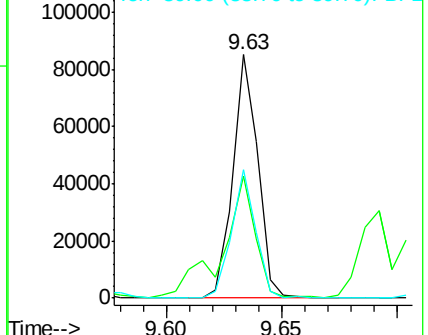
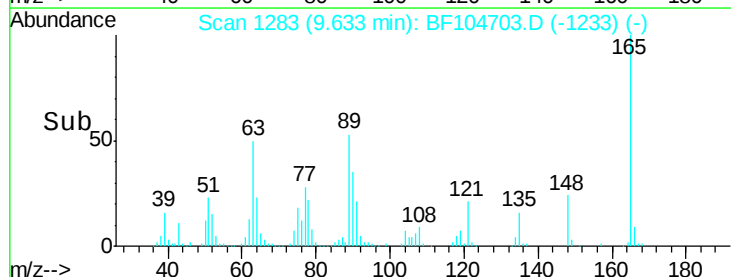
89 52.7 44.0 66.0

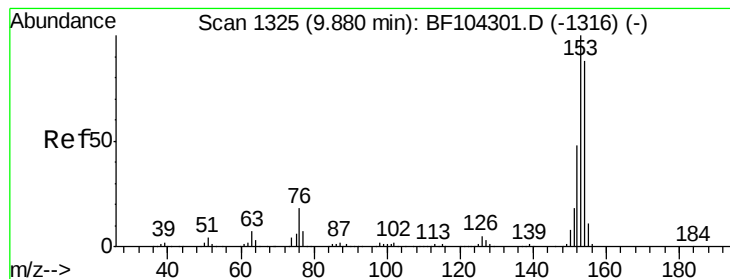


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 26.216 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampled :

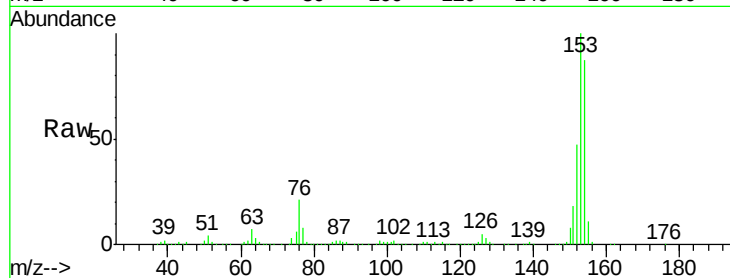
Tot Ion:154 Resp: 267675

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

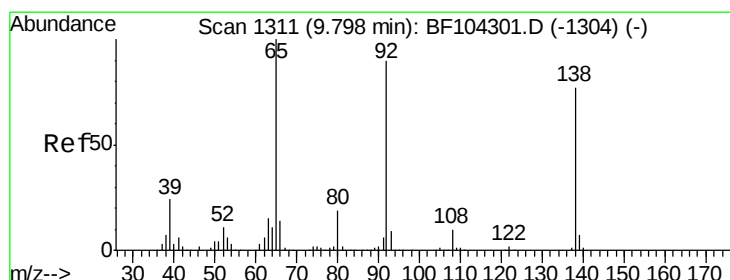
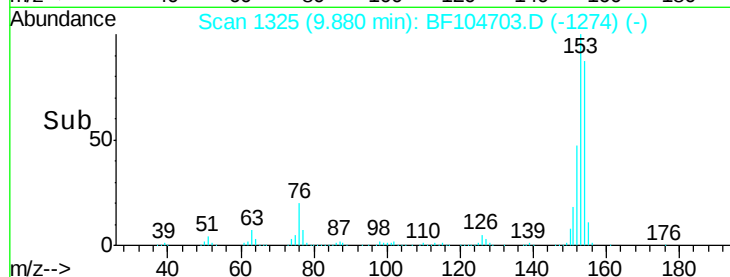
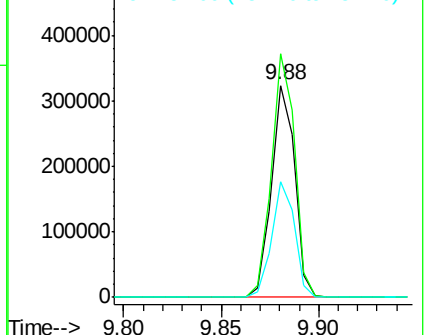
152 54.4 43.8 65.8



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: 13.833 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

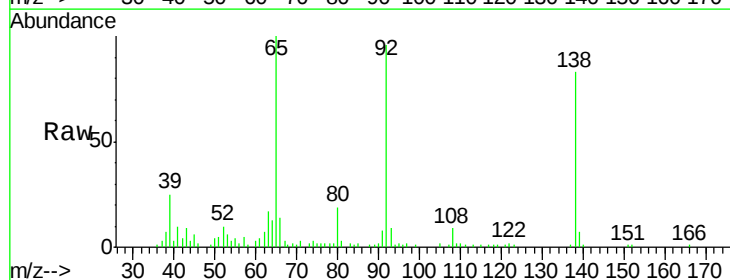
Tgt Ion:138 Resp: 37984

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

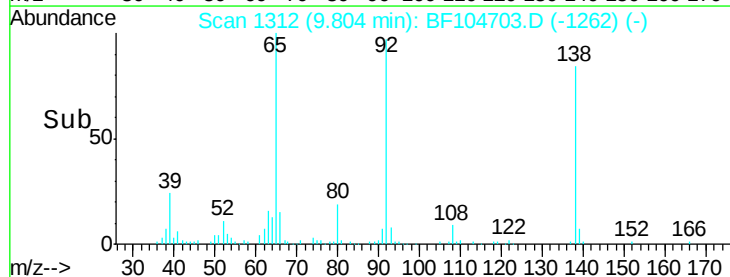
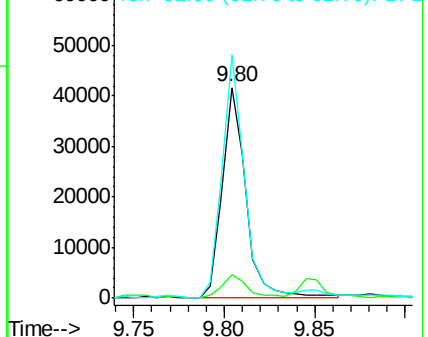
92 115.7 89.4 134.2

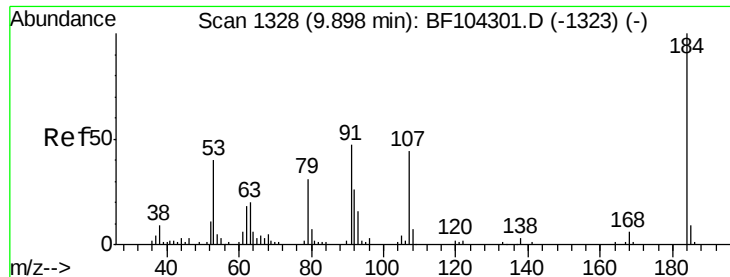


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

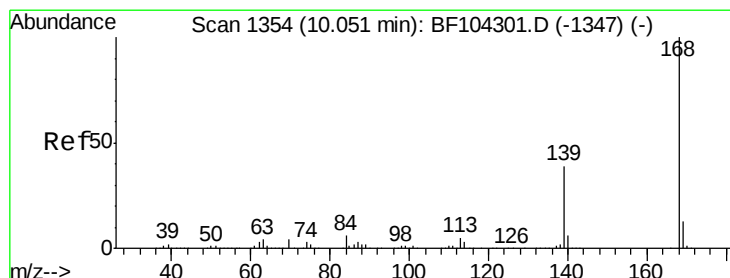
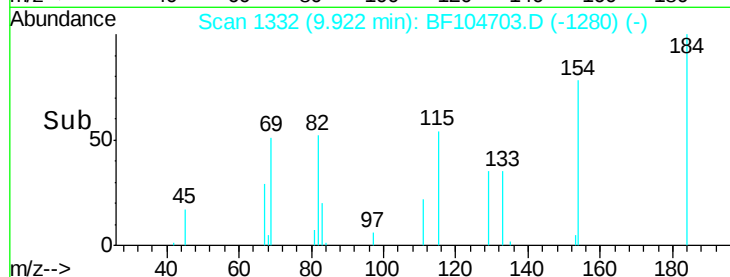
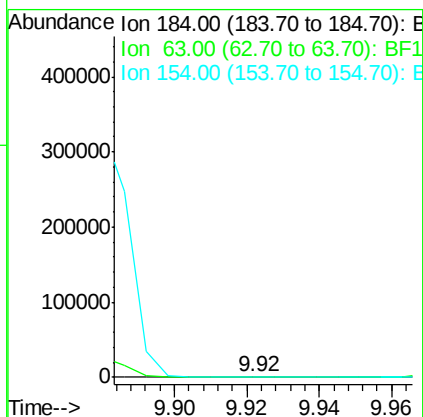
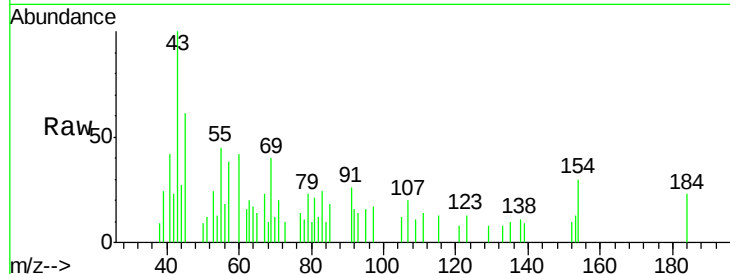




#53
 2,4-Dinitrophenol
 Concen: 6.520 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

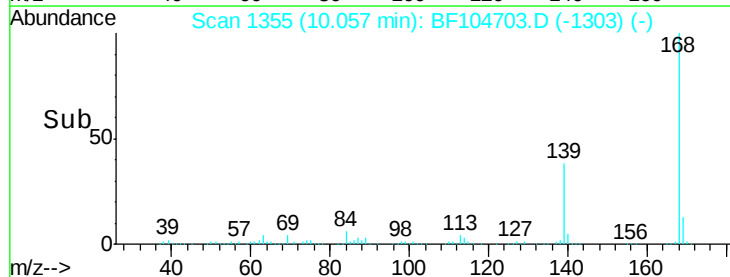
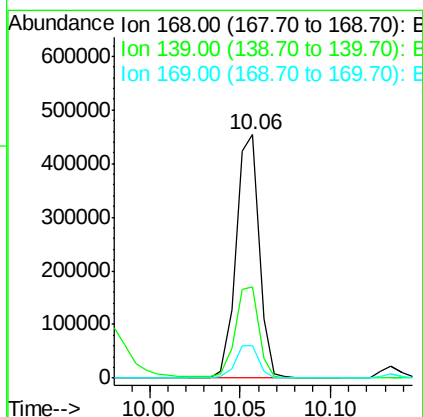
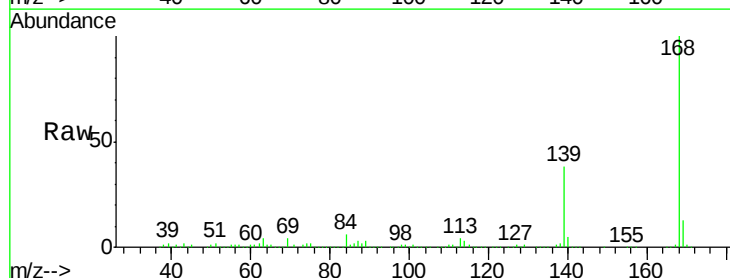
Instrument :
 BNA_F
 ClientSampled :

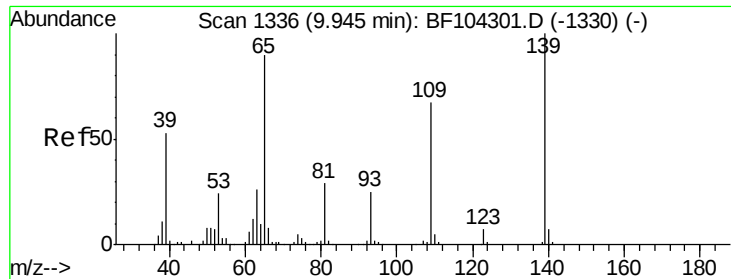
Tot Ion:184 Resp: 897
 Ion Ratio Lower Upper
 184 100
 63 86.0 54.2 81.2#
 154 127.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 28.316 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:168 Resp: 402915
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 13.2 10.9 16.3

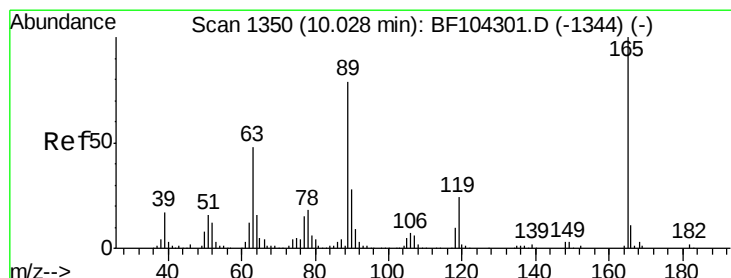
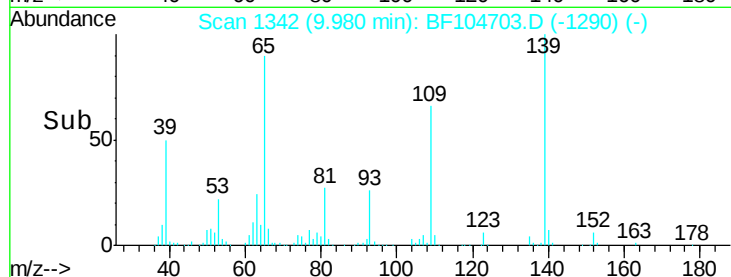
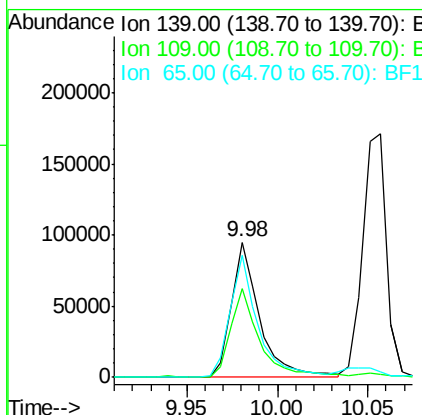
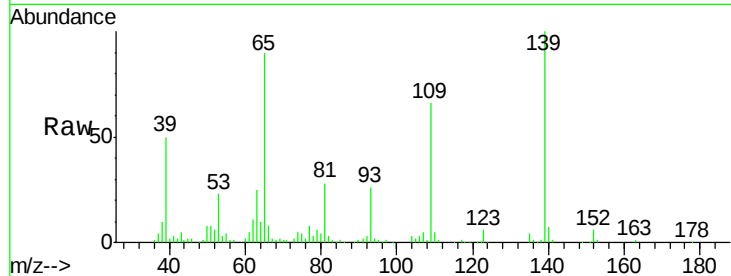




#55
4-Nitrophenol
Concen: 47.854 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

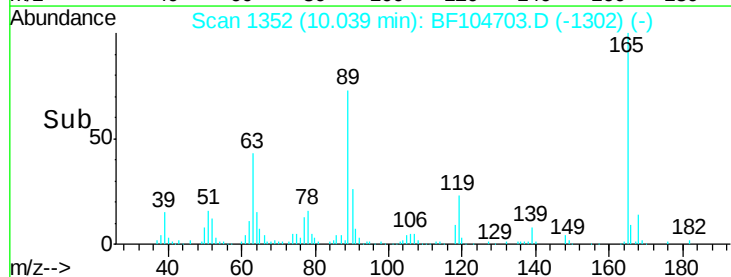
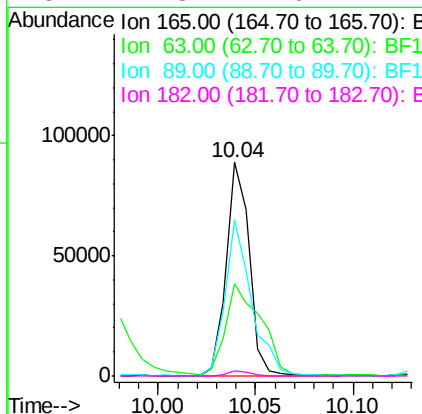
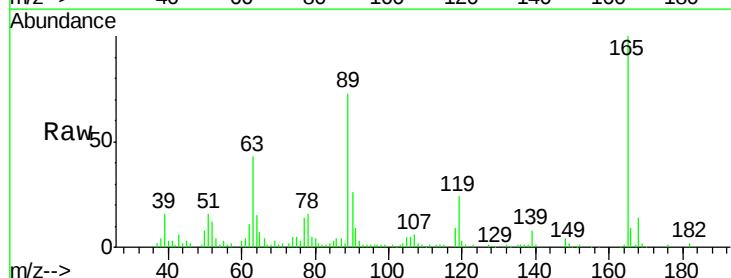
Instrument :
BNA_F
ClientSampleId :

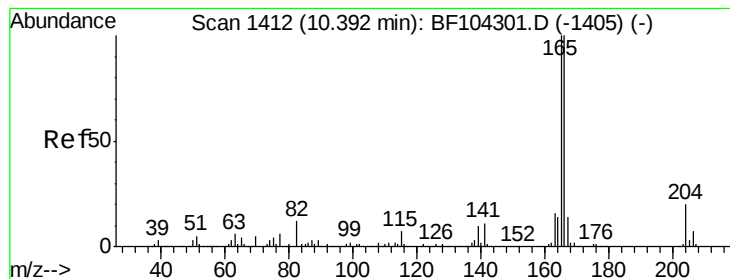
Tot Ion:139 Resp: 103219
Ion Ratio Lower Upper
139 100
109 66.1 48.4 88.4
65 90.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 23.879 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:165 Resp: 73466
Ion Ratio Lower Upper
165 100
63 43.2 36.4 54.6
89 72.9 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 30.366 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

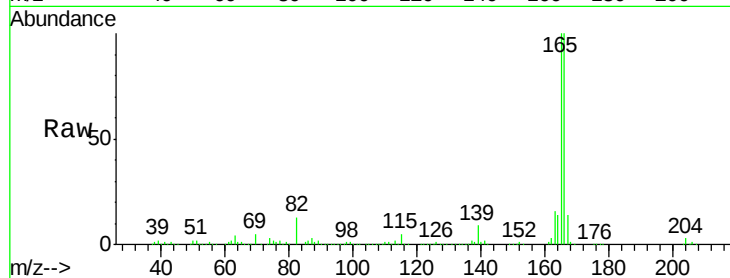
Tot Ion:166 Resp: 314497

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

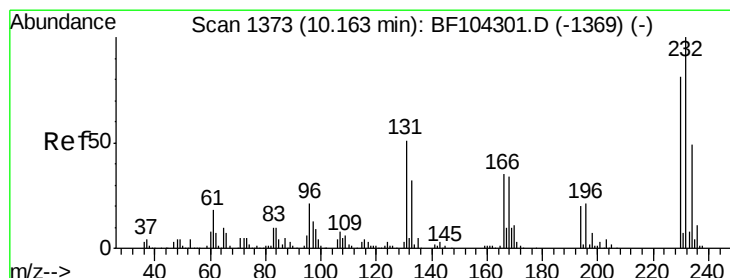
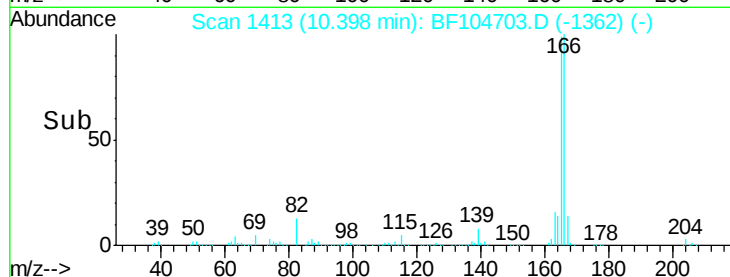
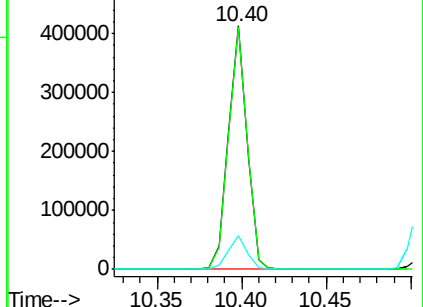
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.877 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Tgt Ion:232 Resp: 74337

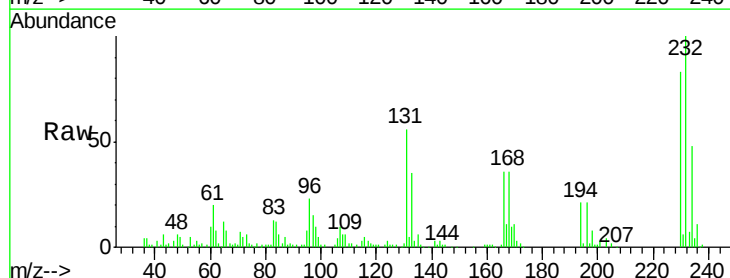
Ion Ratio Lower Upper

232 100

131 47.7 43.8 65.8

130 2.2 2.1 3.1

166 33.1 27.8 41.6

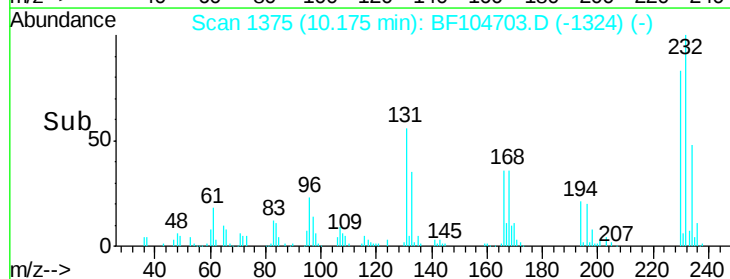
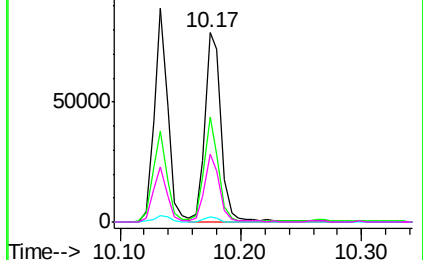


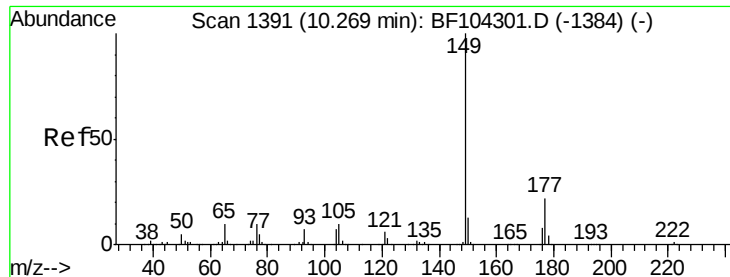
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

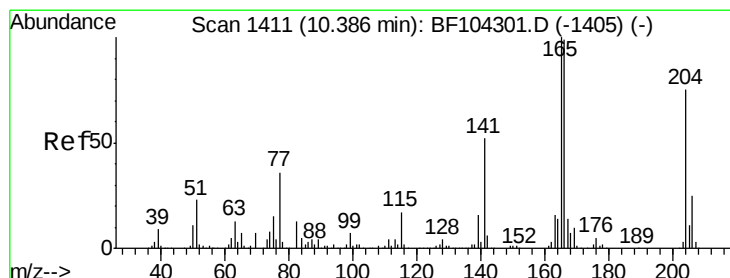
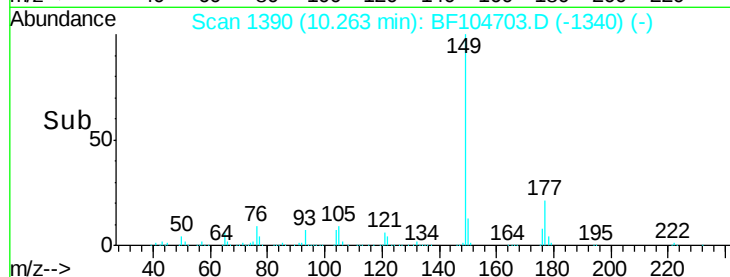
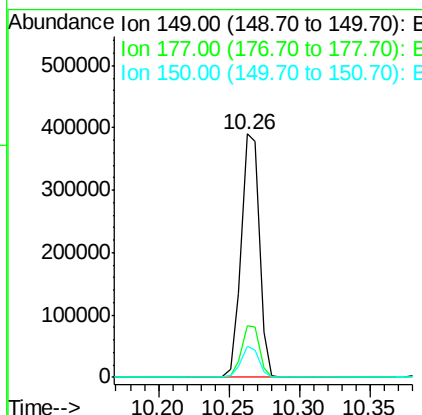
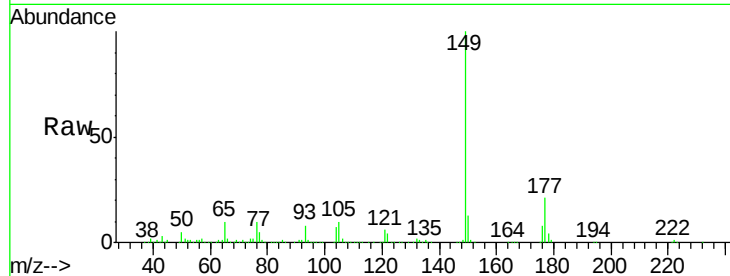




#59
Diethylphthalate
Concen: 27.878 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

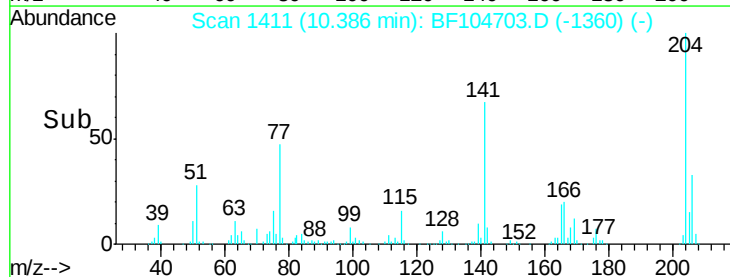
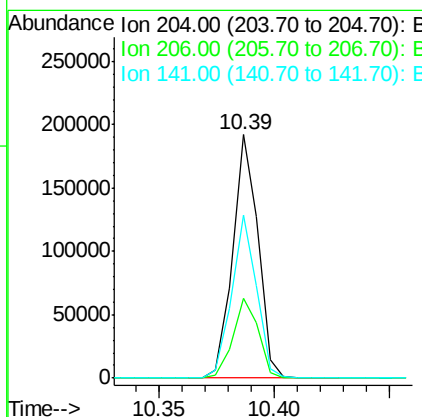
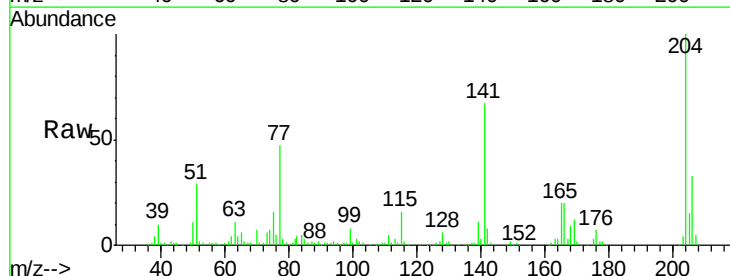
Instrument :
BNA_F
ClientSampleId :

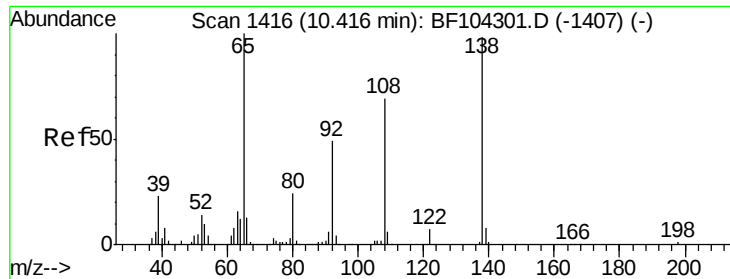
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 31.652 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.7	54.6	81.8

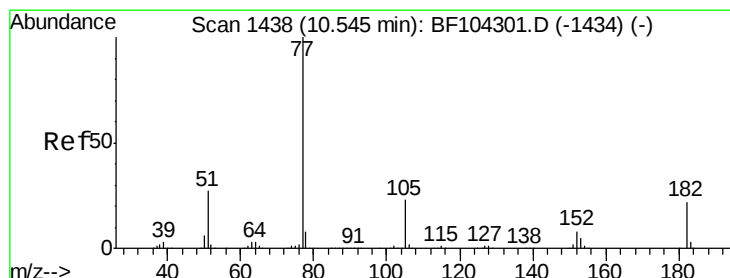
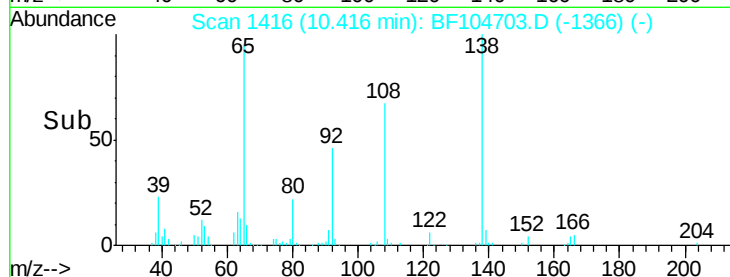
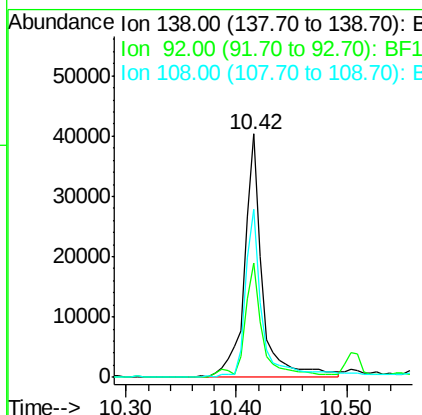
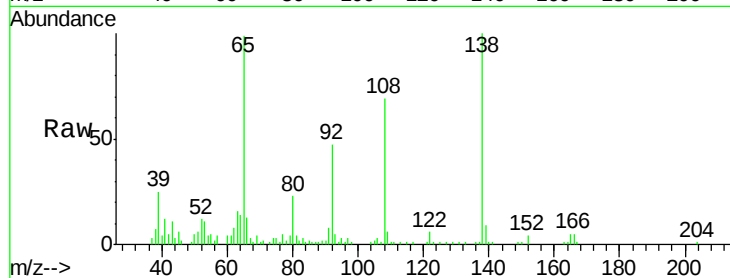




#61
4-Nitroaniline
Concen: 17.118 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

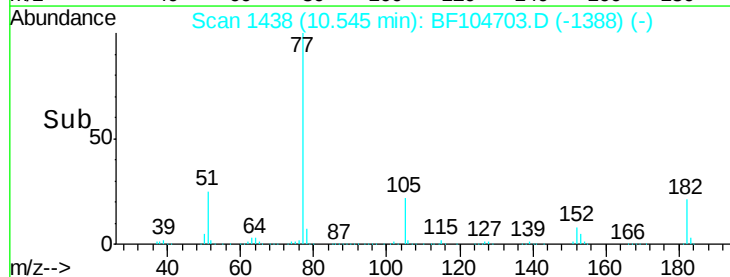
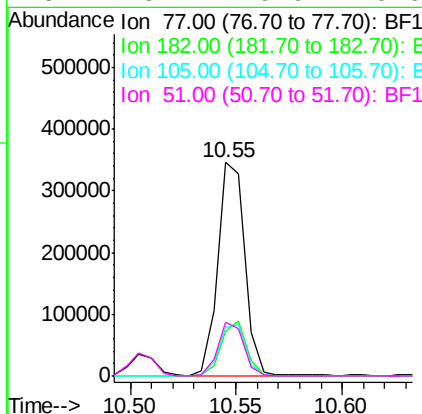
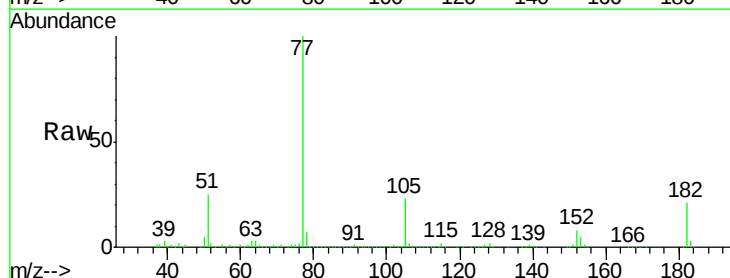
Instrument :
BNA_F
ClientSampled :

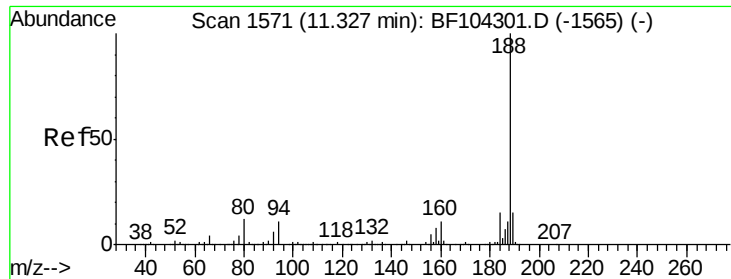
Tot Ion:138 Resp: 45959
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 68.9 52.5 92.5



#62
Azobenzene
Concen: 25.310 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion: 77 Resp: 305256
Ion Ratio Lower Upper
77 100
182 21.2 1.7 41.7
105 22.8 3.0 43.0
51 25.4 9.9 49.9

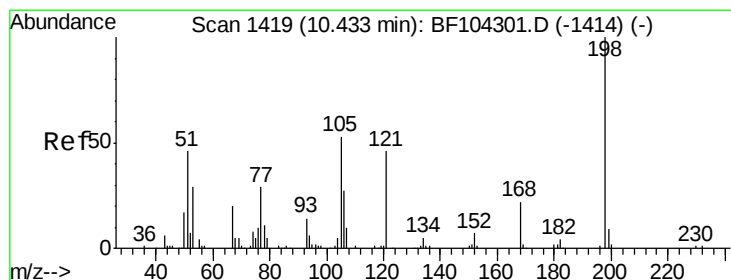
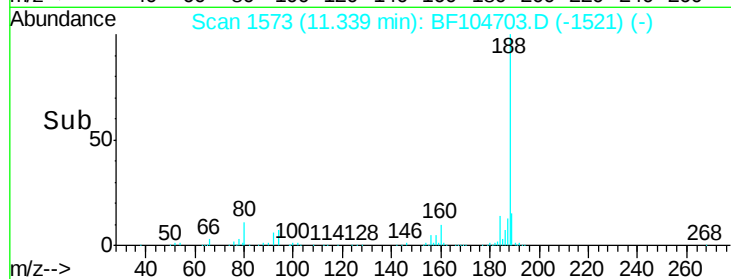
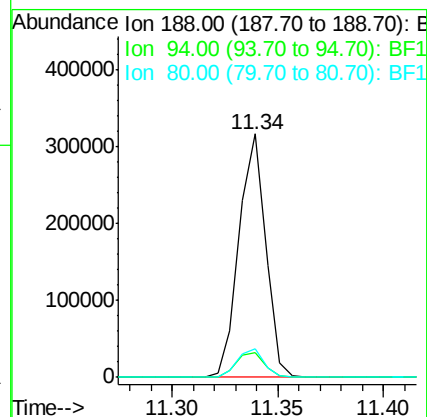
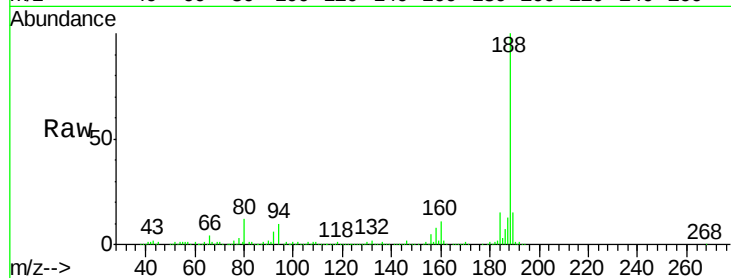




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

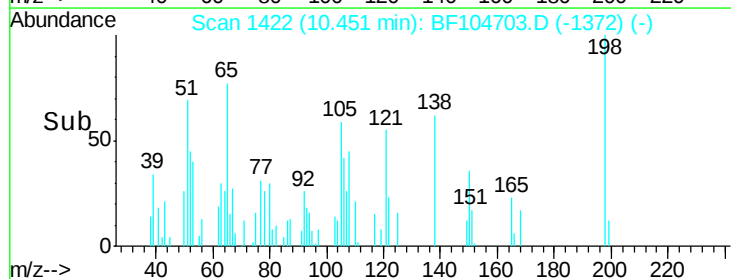
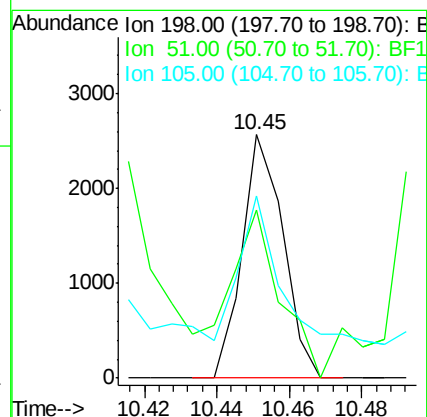
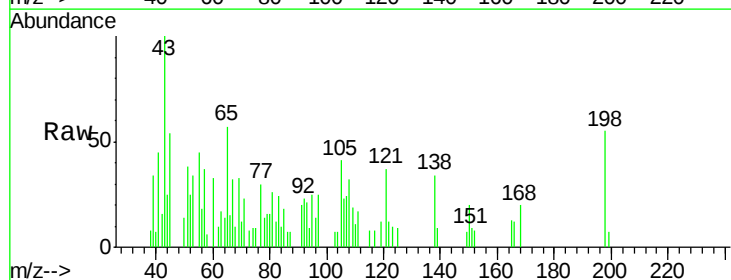
Instrument :
BNA_F
ClientSampleId :

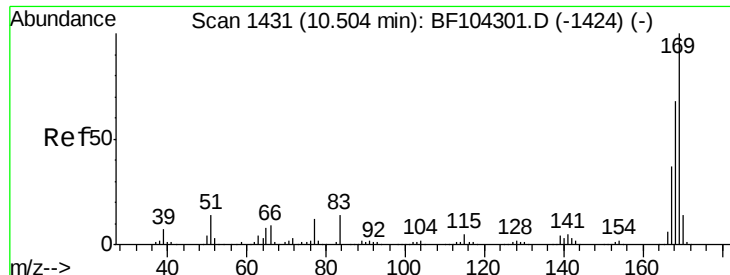
Tot Ion:188 Resp: 275275
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.614 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:198 Resp: 2005
Ion Ratio Lower Upper
198 100
51 68.8 37.7 77.7
105 74.7 36.3 76.3

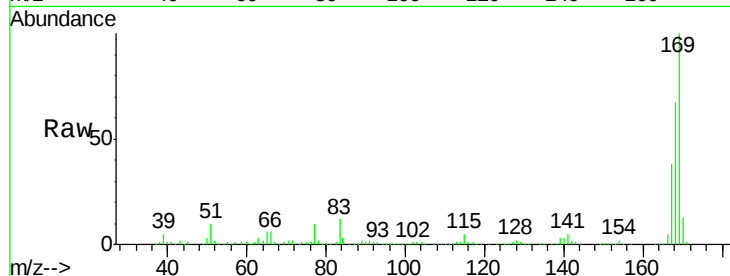




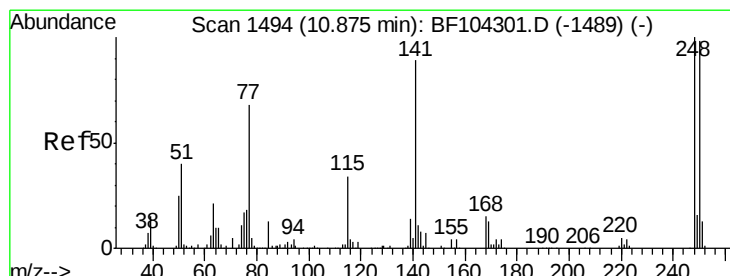
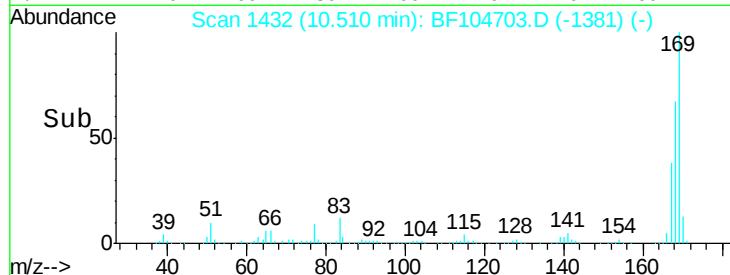
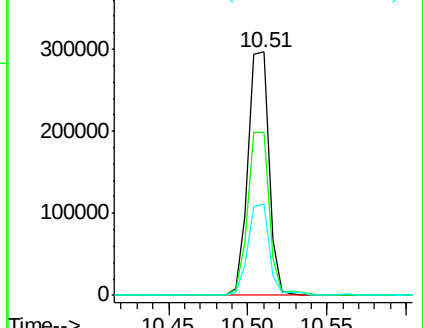
#65
n-Nitrosodiphenylamine
Concen: 28.637 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 273329
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.6 29.8 44.6

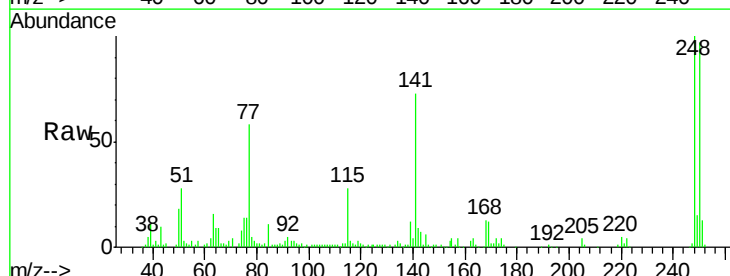


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

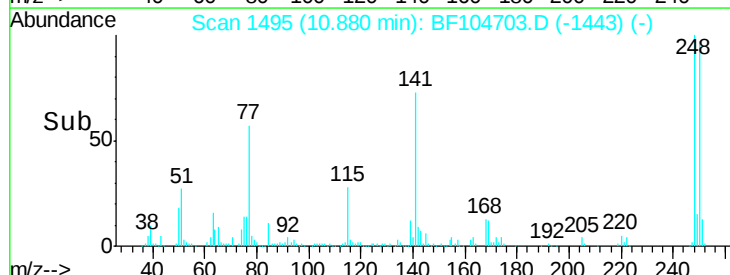
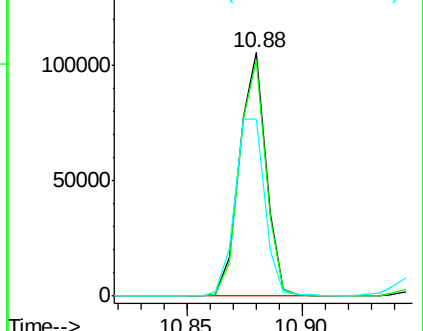


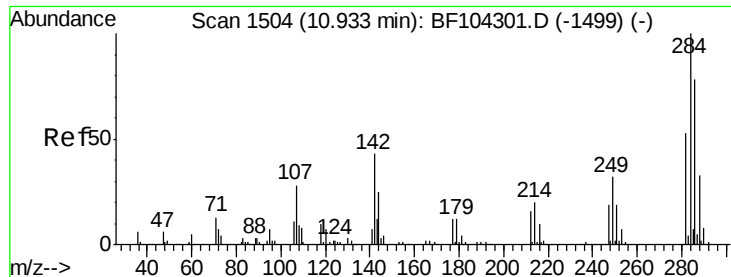
#66
4-Bromophenyl-phenylether
Concen: 28.979 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:248 Resp: 84852
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 72.9 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

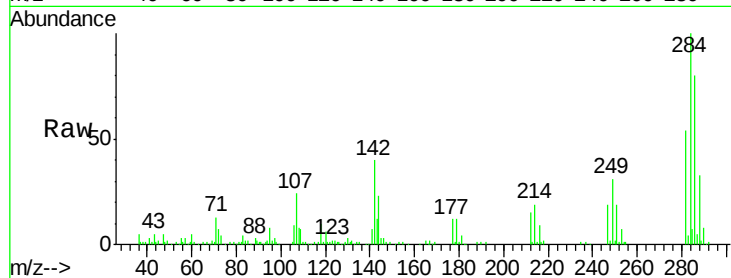




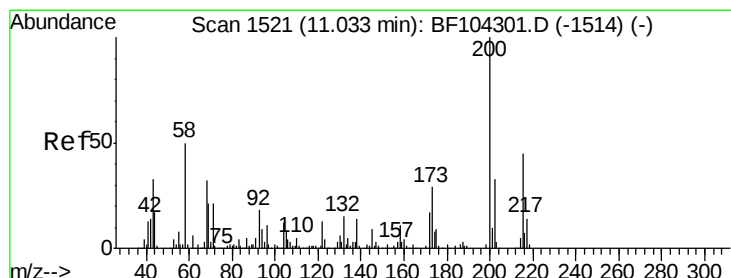
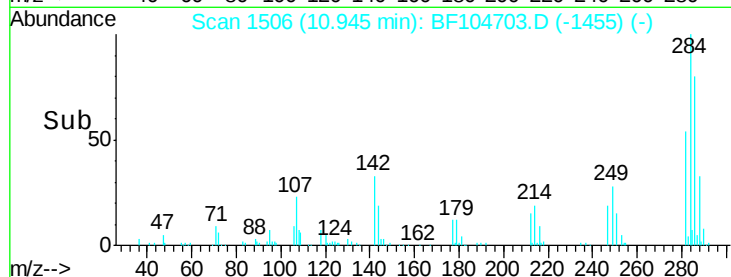
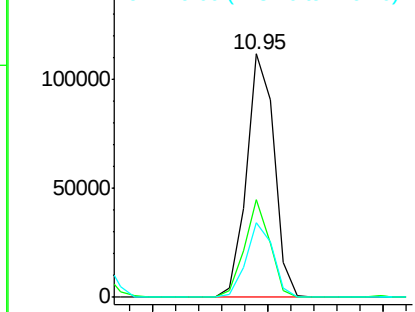
#67
Hexachlorobenzene
Concen: 28.402 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 93575
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 30.7 24.8 37.2

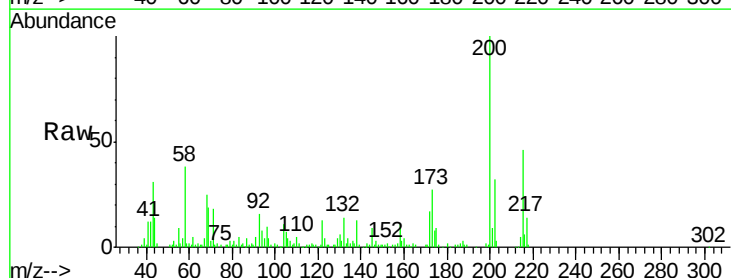


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

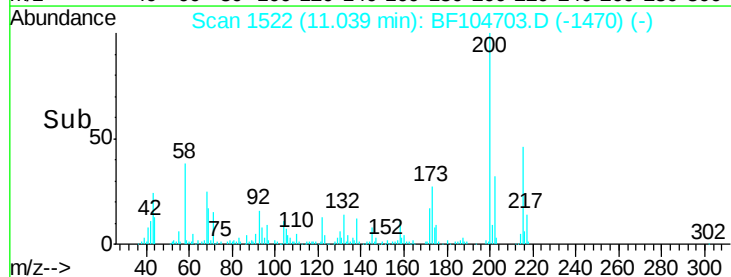
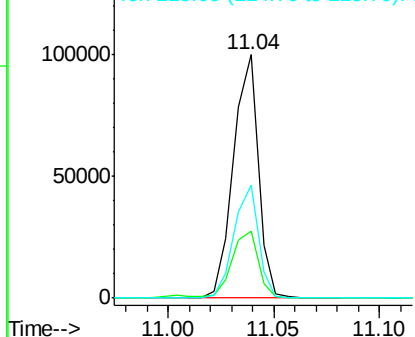


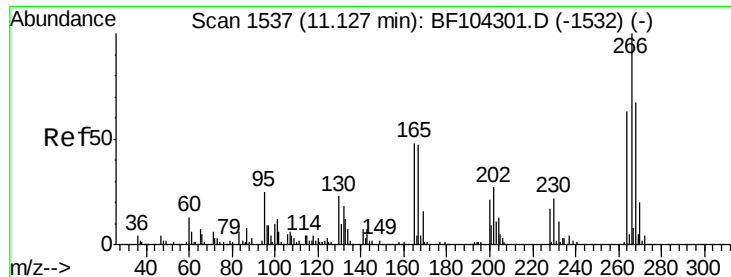
#68
Atrazine
Concen: 28.319 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:200 Resp: 81585
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 46.4 25.1 65.1



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

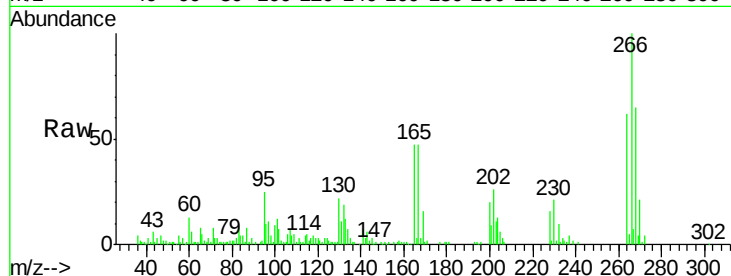




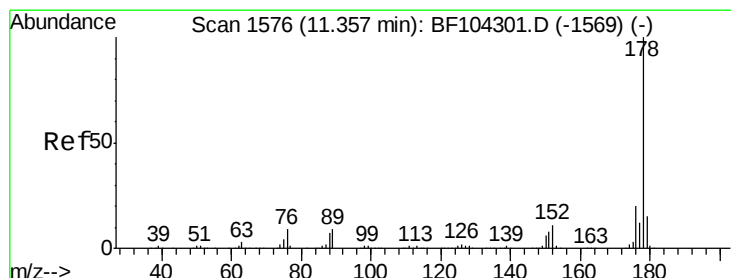
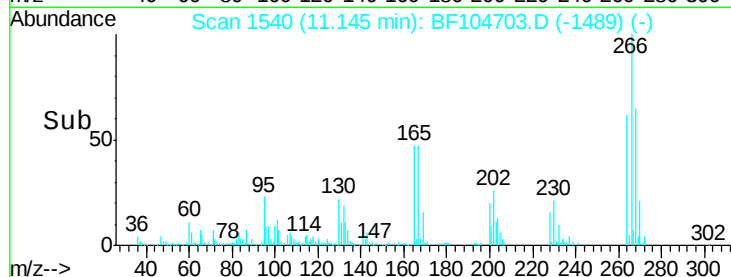
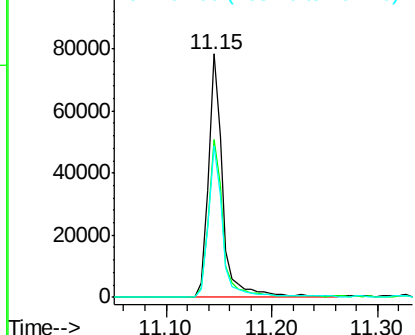
#69
 Pentachlorophenol
 Concen: 36.476 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 74347
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 62.2 49.5 74.3

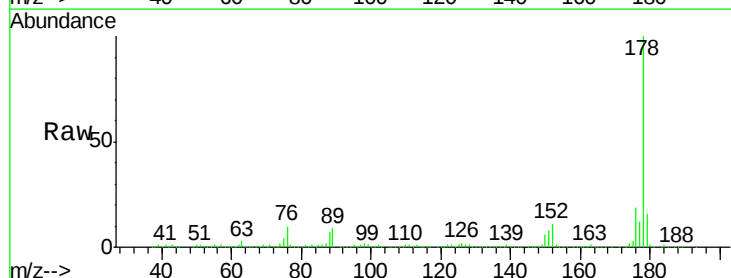


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

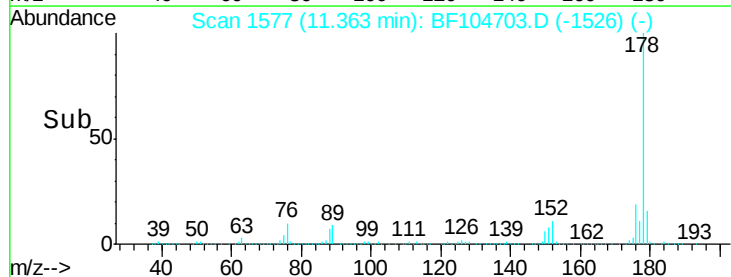
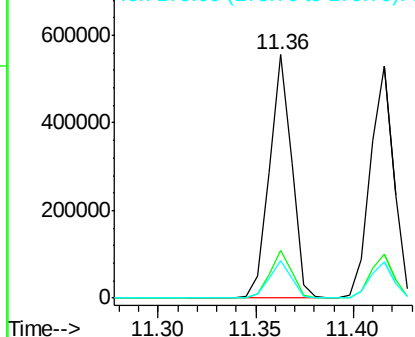


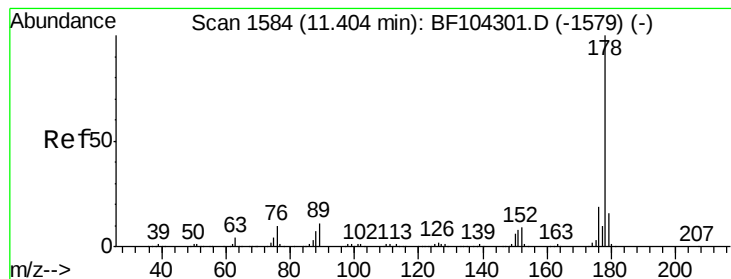
#70
 Phenanthrene
 Concen: 28.564 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:178 Resp: 437885
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 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

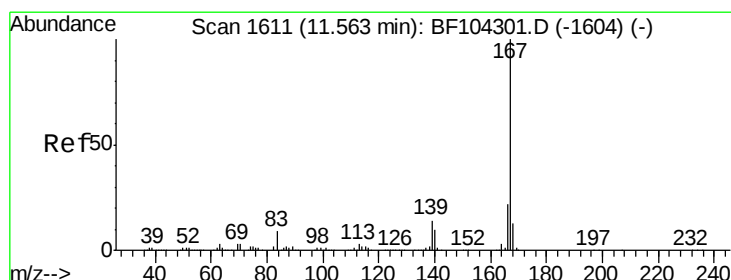
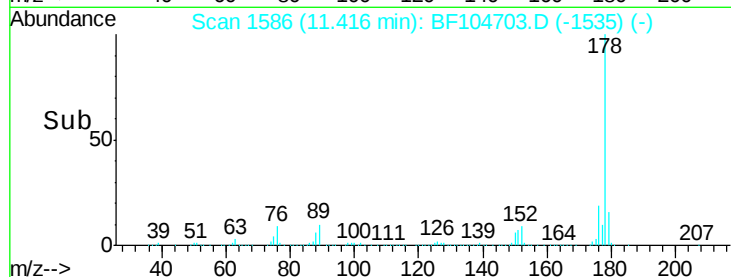
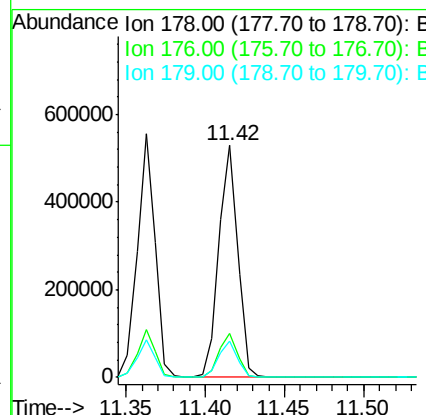
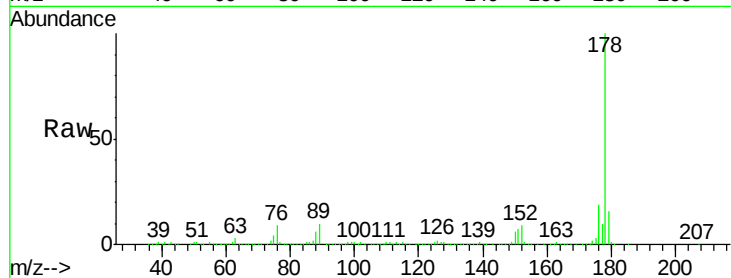




#71
 Anthracene
 Concen: 28.283 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

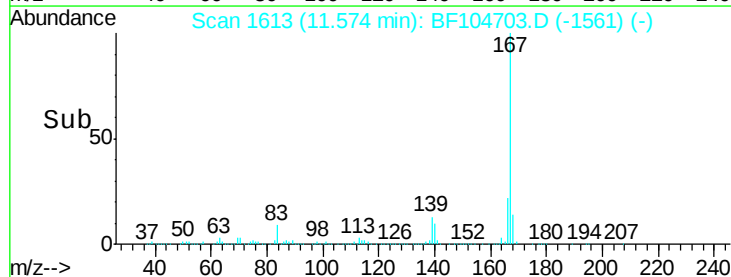
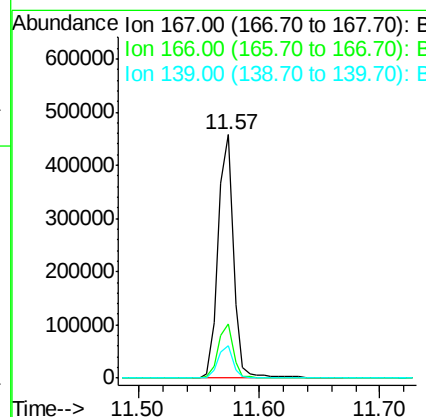
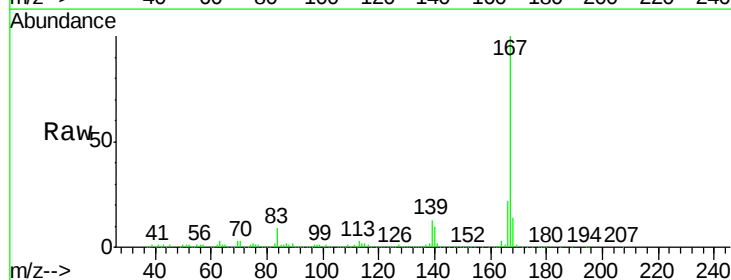
Instrument :
 BNA_F
 ClientSampleId :

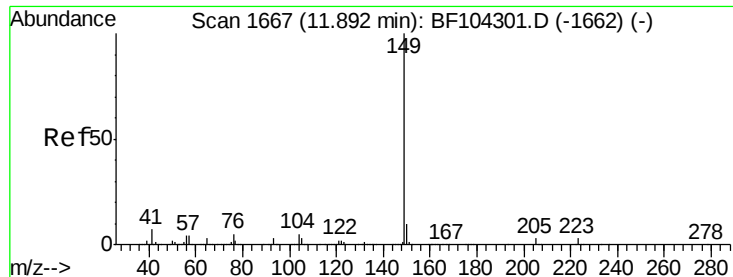
Tot Ion:178 Resp: 440735
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 26.208 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:167 Resp: 399083
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.114 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

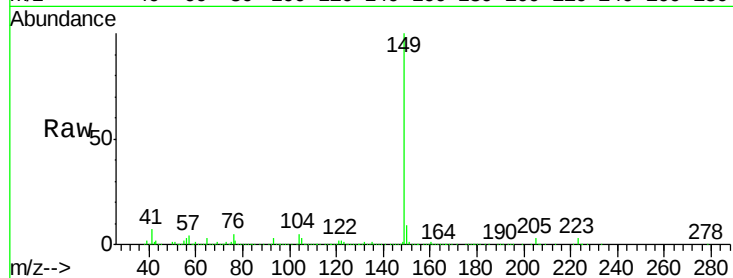
Tot Ion:149 Resp: 597360

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

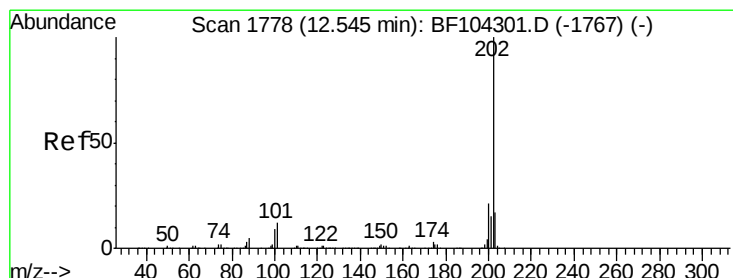
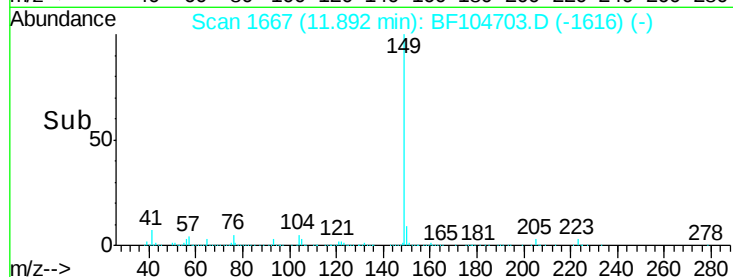
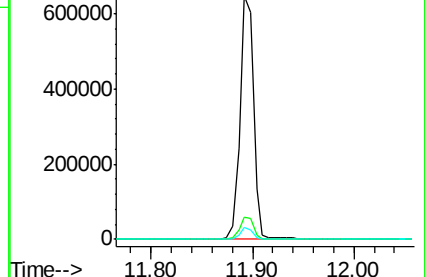
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.881 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

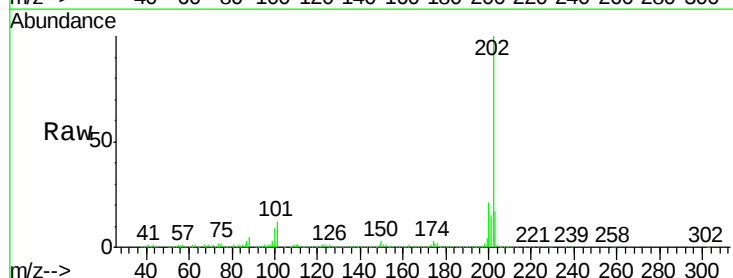
Tgt Ion:202 Resp: 462583

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

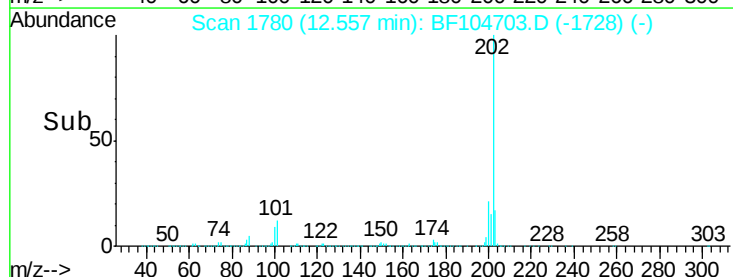
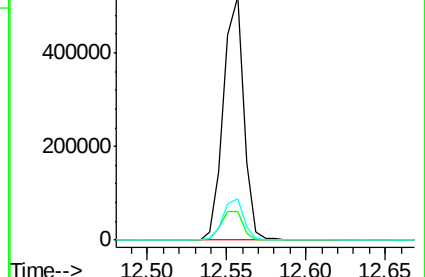
203 17.2 0.0 38.1

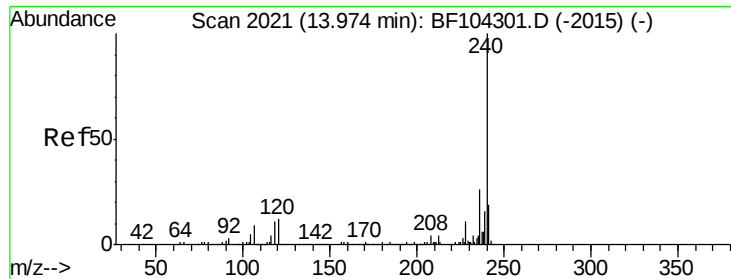


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

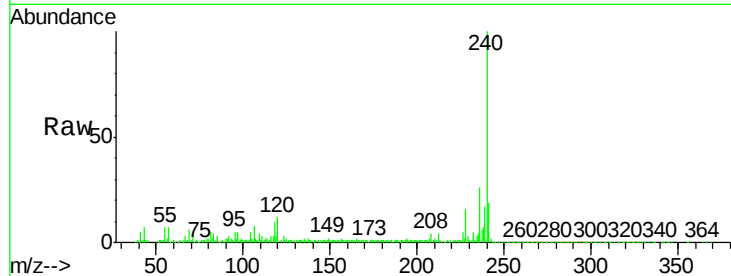
Tot Ion:240 Resp: 196625

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

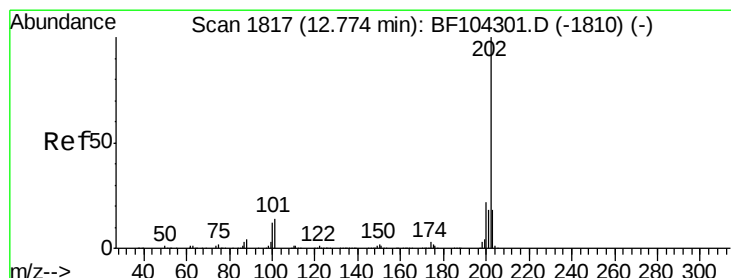
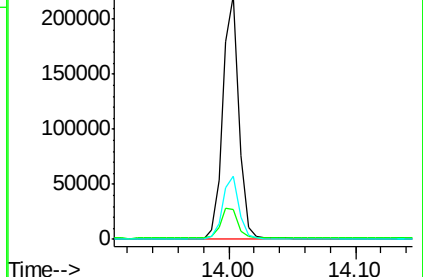
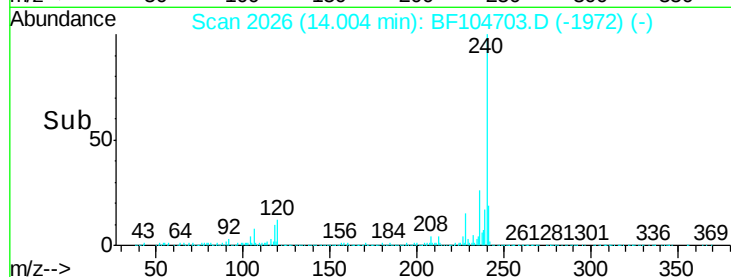
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 31.777 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

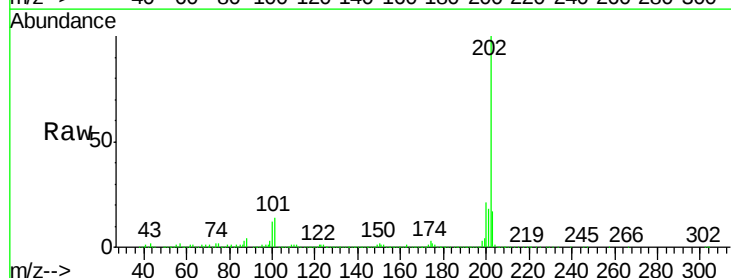
Tgt Ion:202 Resp: 463135

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

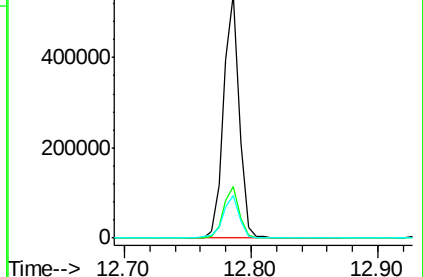
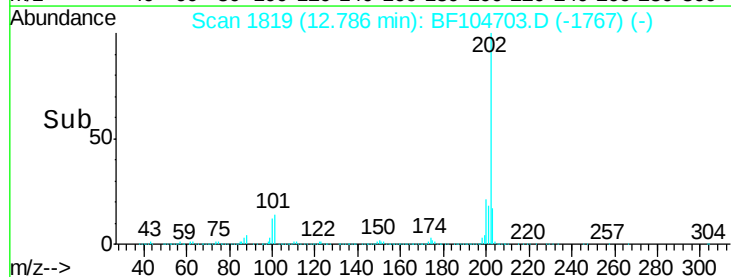
203 17.4 14.3 21.5

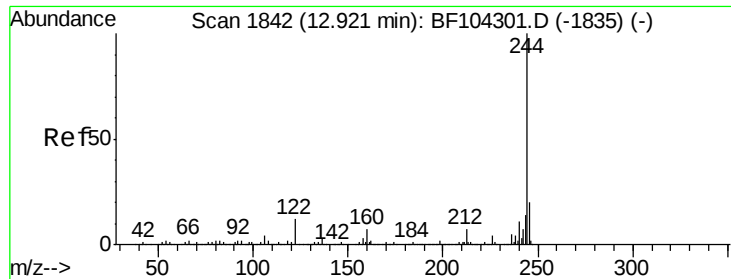


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.828 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

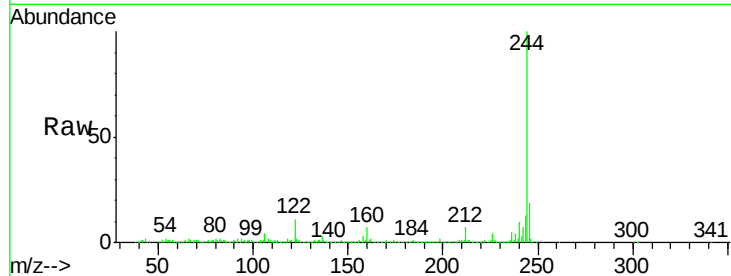
Tot Ion:244 Resp: 610856

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

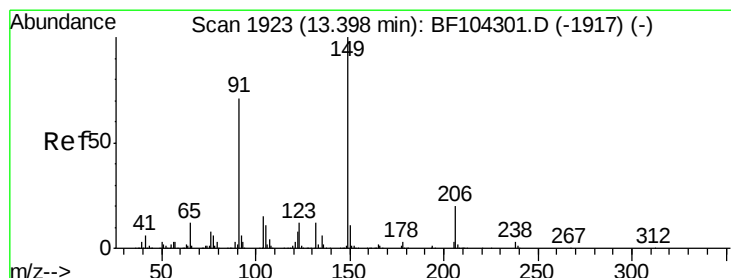
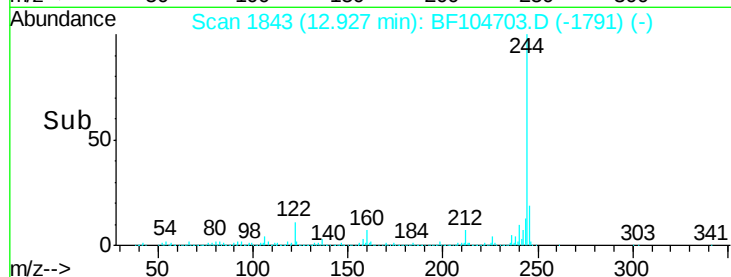
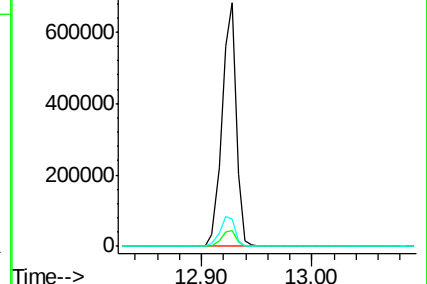
122 11.1 11.0 16.4



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: 39.746 ng

RT: 13.41 min Scan# 1925

Delta R.T. 0.02 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

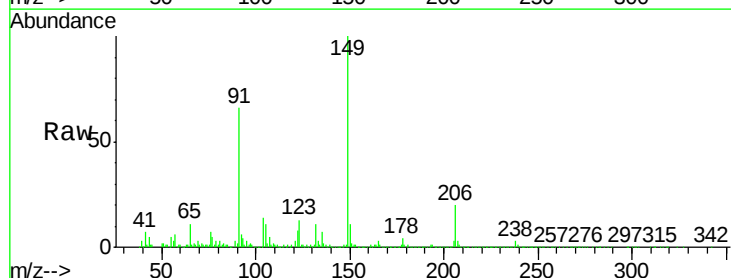
Tgt Ion:149 Resp: 272910

Ion Ratio Lower Upper

149 100

91 65.7 56.8 85.2

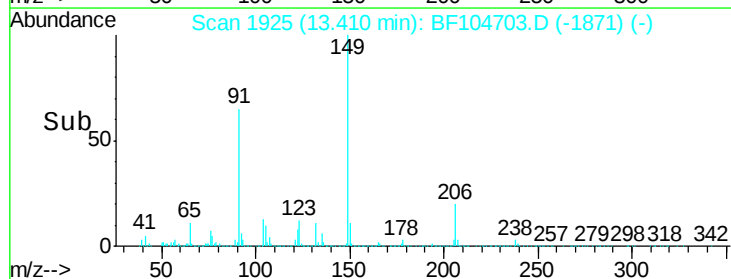
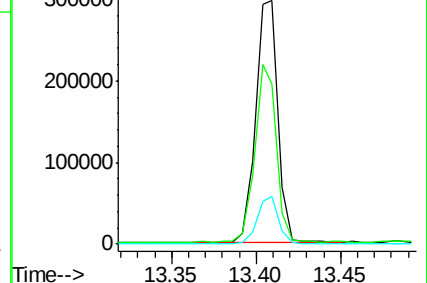
206 19.6 14.1 21.1

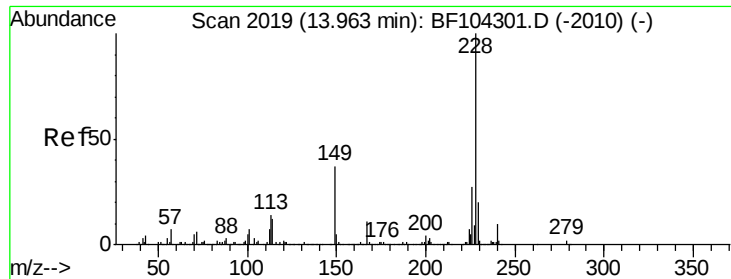


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

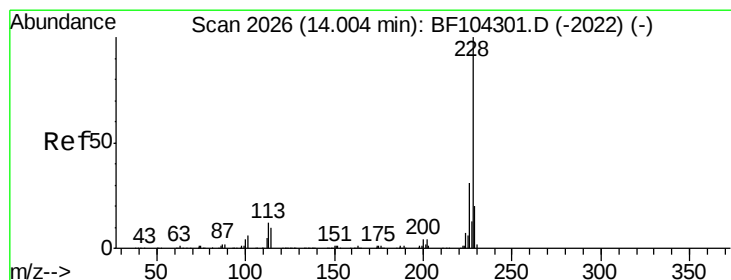
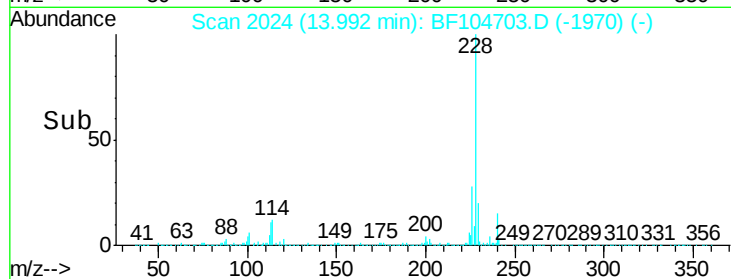
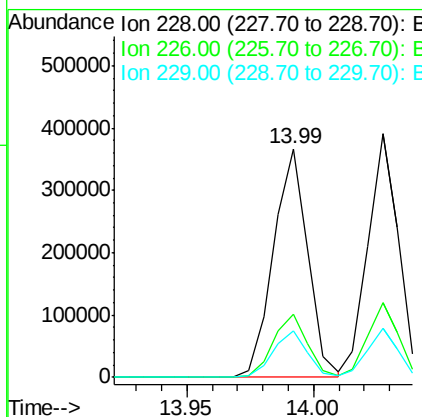
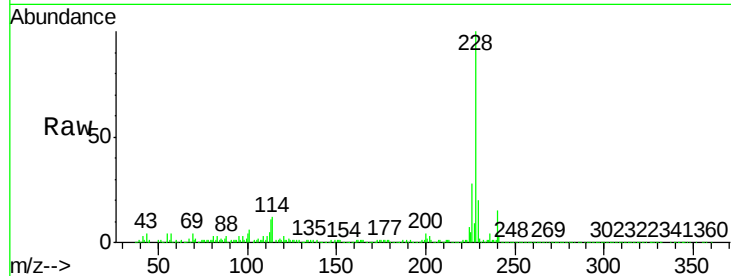




#80
Benzo(a)anthracene
Concen: 29.579 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

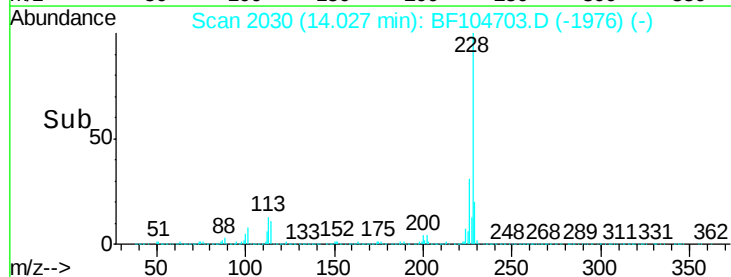
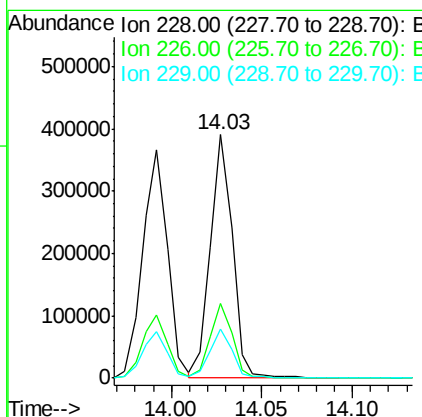
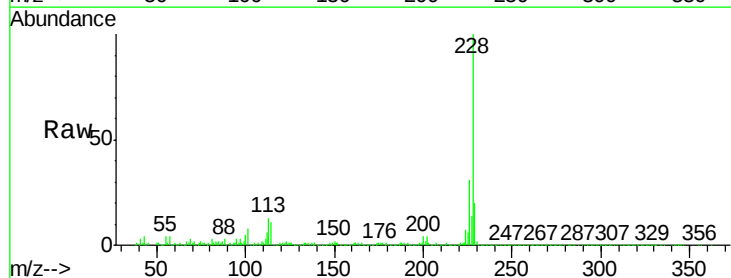
Instrument :
BNA_F
ClientSampleId :

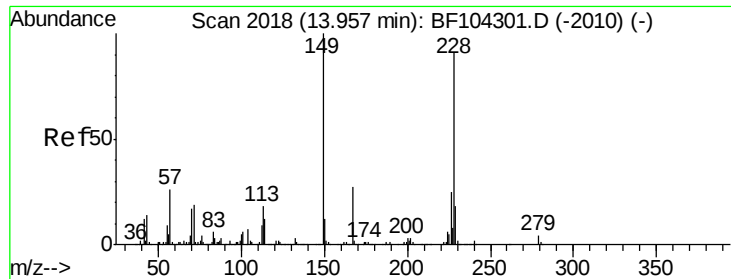
Tot Ion:228 Resp: 347450
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.2 15.8 23.6



#82
Chrysene
Concen: 27.366 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:228 Resp: 330182
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.2 16.2 24.4

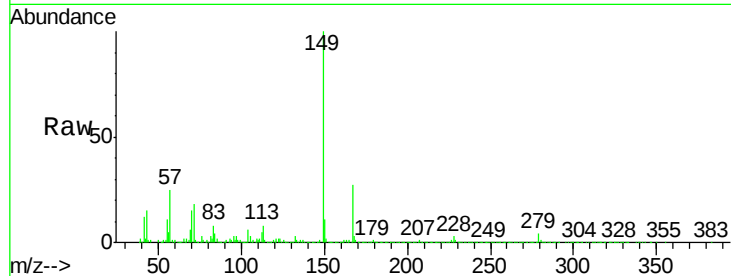




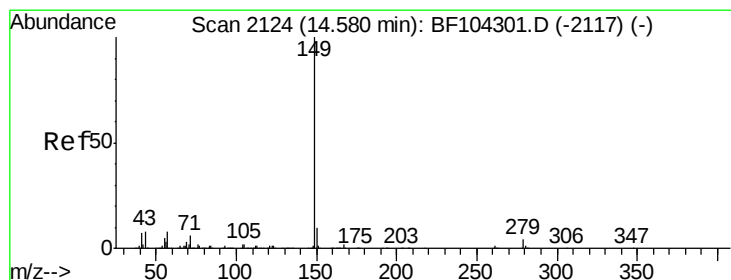
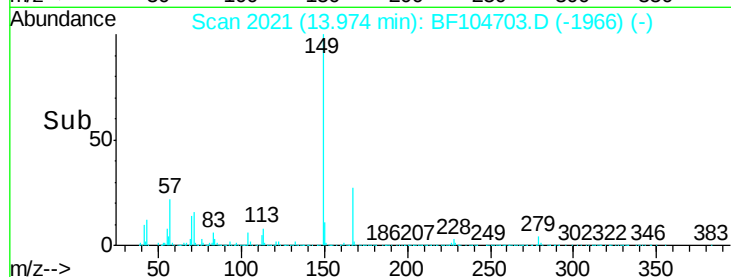
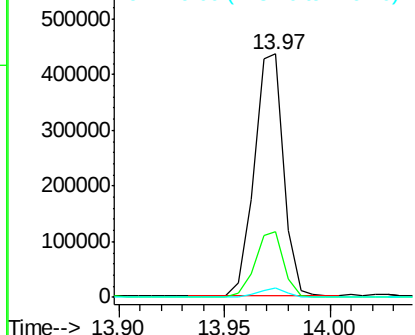
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.281 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.02 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 417570
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.8 3.0 4.4

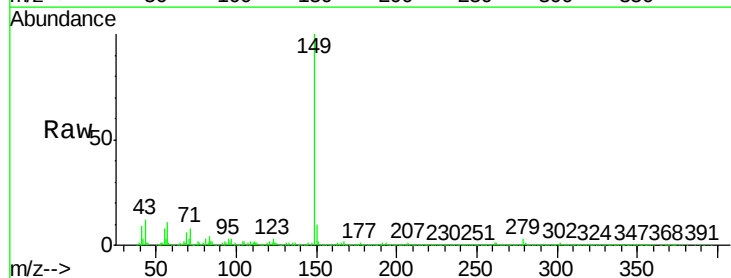


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

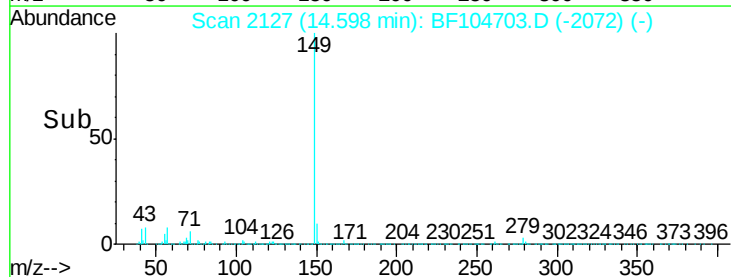
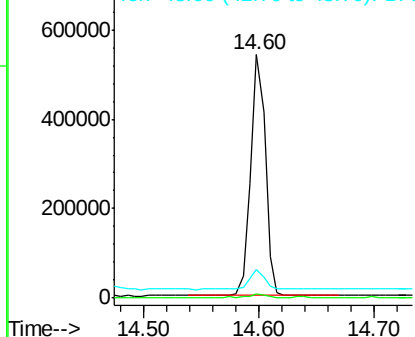


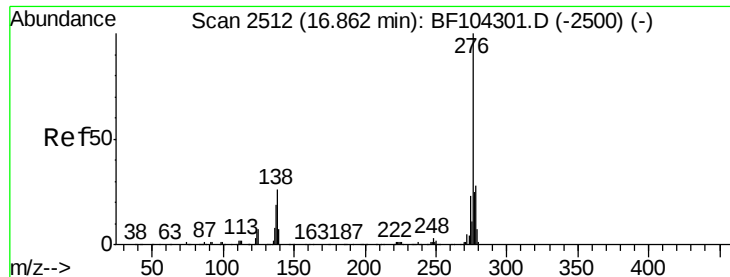
#84
 Di-n-octyl phthalate
 Concen: 32.497 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.02 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion:149 Resp: 479564
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

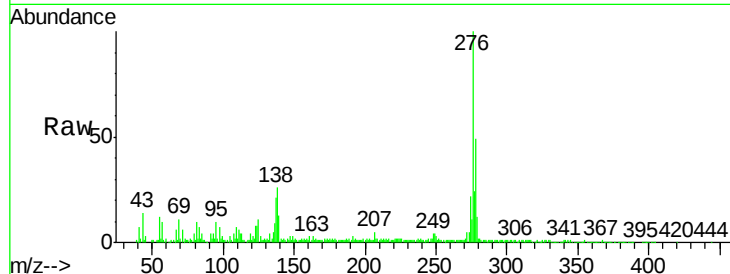




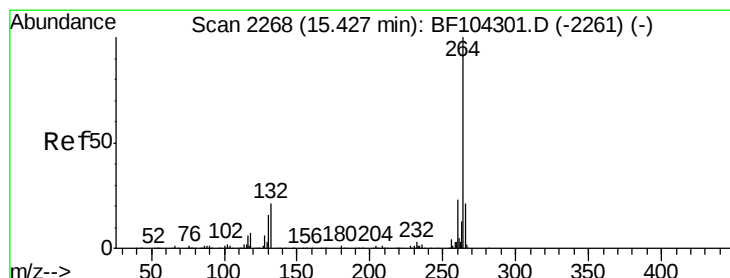
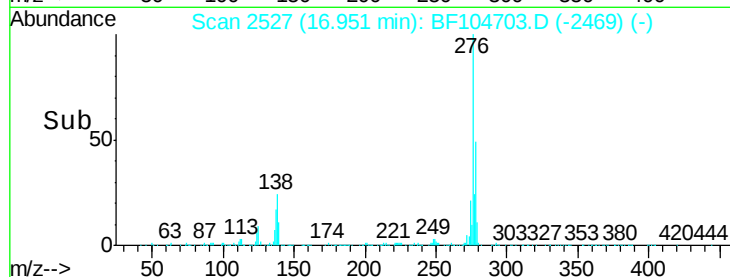
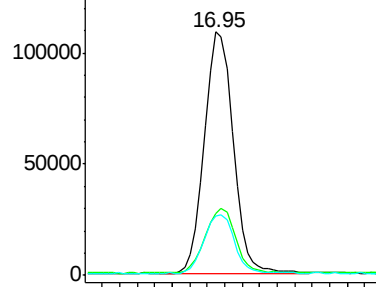
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.822 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.04 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	26.4	20.1	30.1

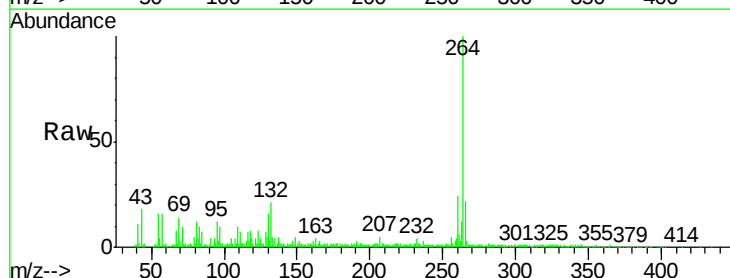


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

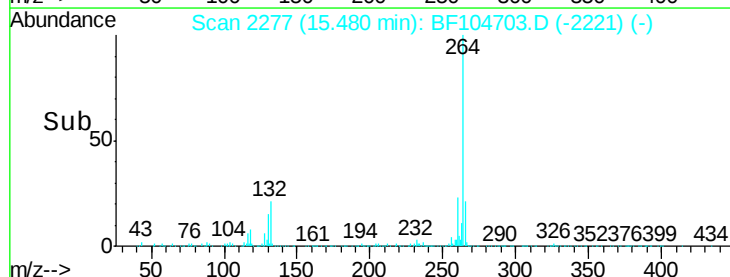
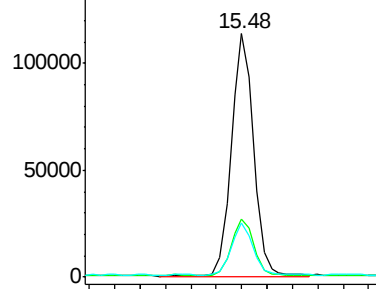


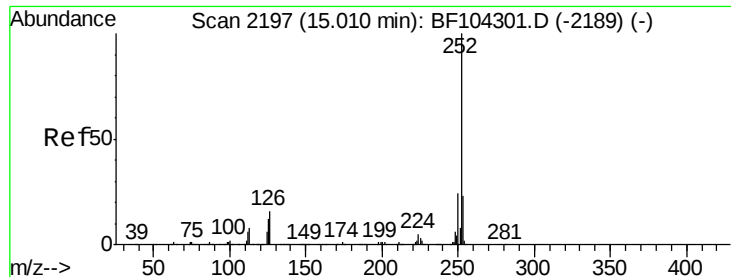
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.03 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

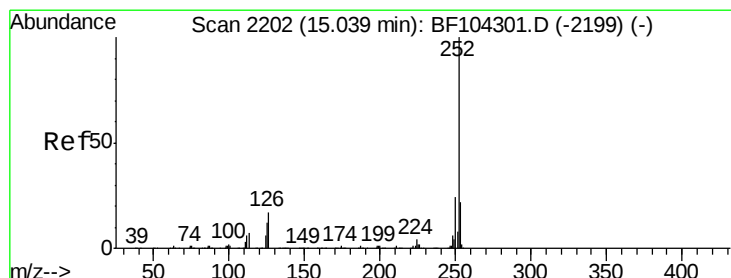
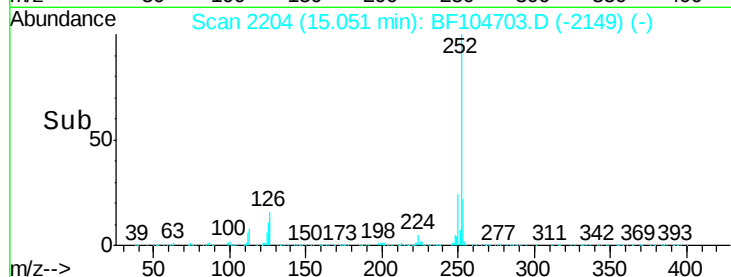
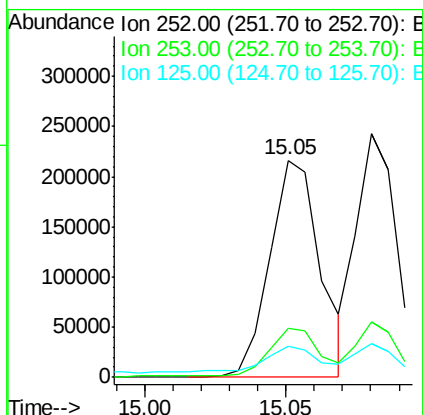
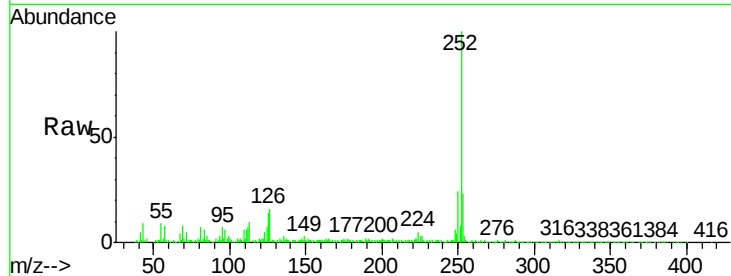




#87
Benzo(b)fluoranthene
Concen: 30.159 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

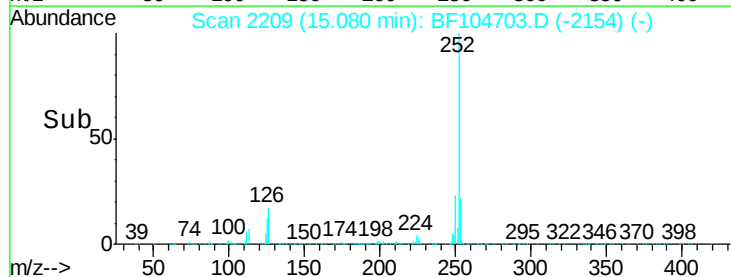
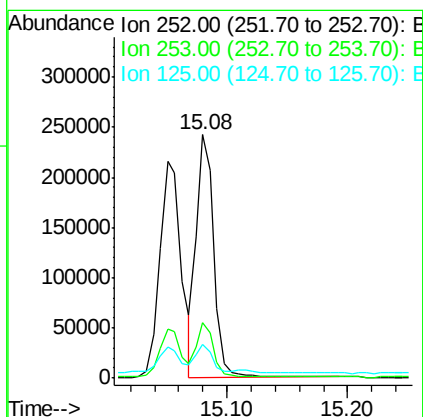
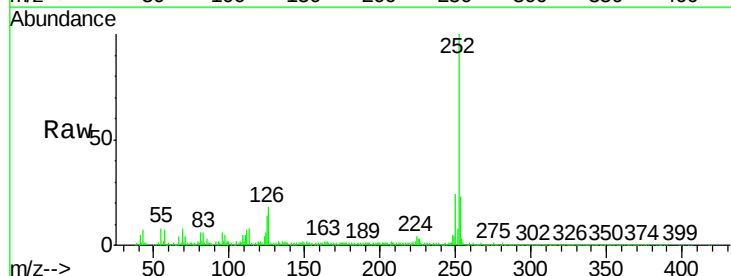
Instrument :
BNA_F
ClientSampleId :

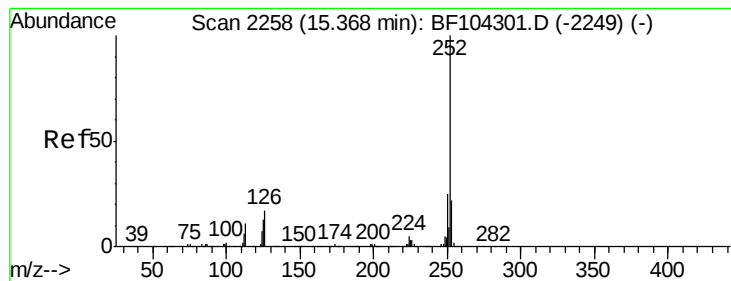
Tot Ion:252 Resp: 266796
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 14.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 29.036 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BF104703.D
Acq: 23 Apr 2018 12:27

Tgt Ion:252 Resp: 242505
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 28.210 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.03 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

Instrument :

BNA_F

ClientSampleId :

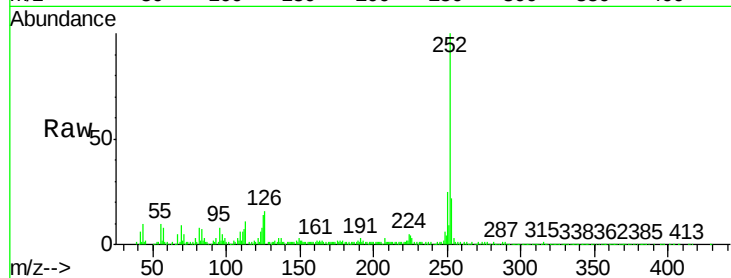
Tot Ion:252 Resp: 223293

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

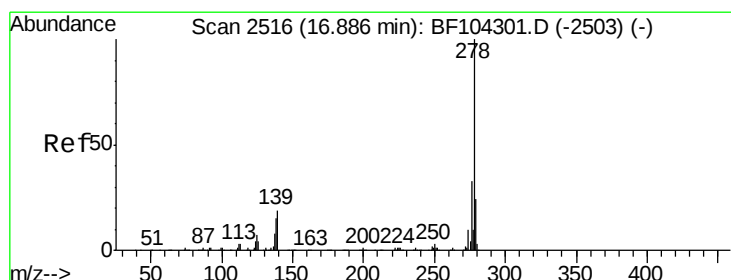
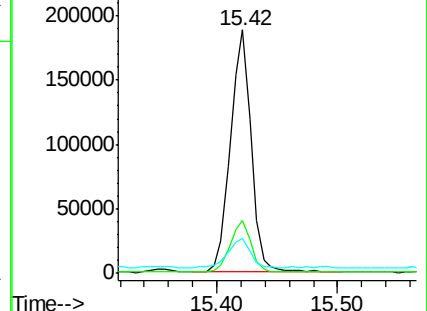
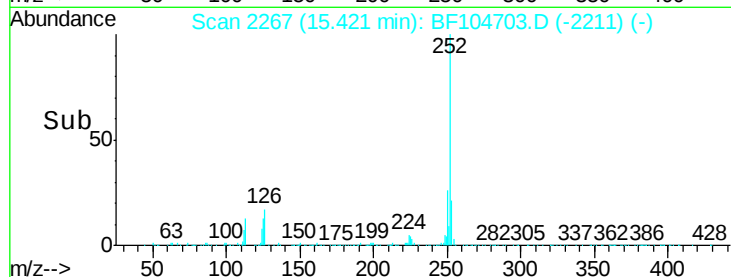
125 14.3 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 32.065 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.04 min

Lab File: BF104703.D

Acq: 23 Apr 2018 12:27

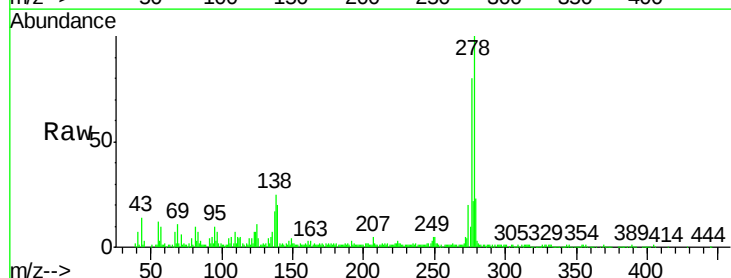
Tgt Ion:278 Resp: 208453

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

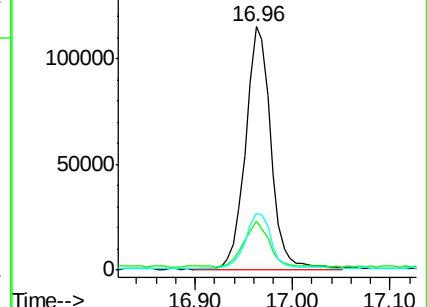
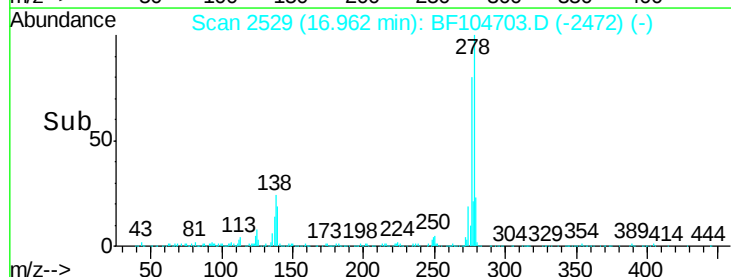
279 23.4 19.0 28.4

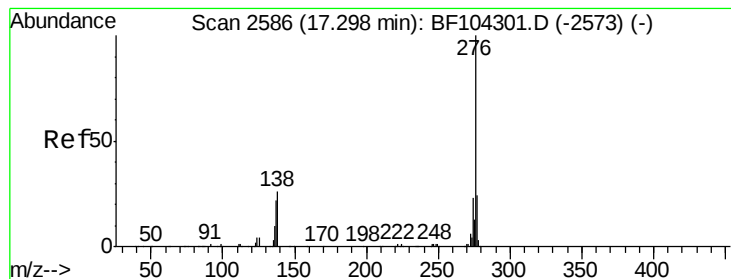


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

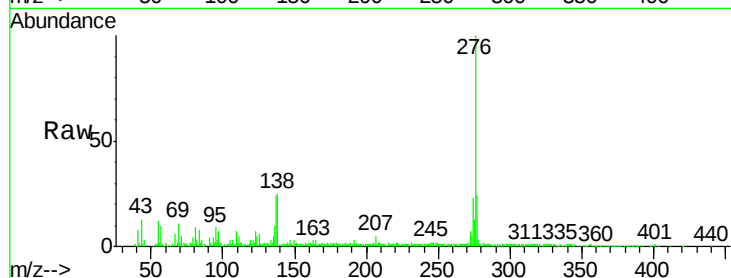




#91
 Benzo(a,h,i)perylene
 Concen: 32.573 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.05 min
 Lab File: BF104703.D
 Acq: 23 Apr 2018 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.7	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

