

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104580.D
 Acq On : 17 Apr 2018 23:42
 Operator : JU/SJ
 Sample : J2408-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 00:54:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140902	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	551644	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223854	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	338150	20.00	ng	0.00
75) Chrysene-d12	13.98	240	277629	20.00	ng	0.00
86) Perylene-d12	15.44	264	209099	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	563734	61.18	ng	0.00
7) Phenol-d6	6.44	99	689726	60.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	419138	49.61	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	133576	57.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	731034	51.59	ng	0.00
78) Terphenyl-d14	12.92	244	558135	45.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	80262	18.693	ng	89
3) Pyridine	3.30	79	193721	16.047	ng	# 86
4) n-Nitrosodimethylamine	3.24	42	85515	20.264	ng	# 80
6) Aniline	6.47	93	222012	14.114	ng	95
8) 2-Chlorophenol	6.59	128	213605	21.962	ng	93
9) Benzaldehyde	6.35	77	129785	18.859	ng	98
10) Phenol	6.46	94	276032	22.977	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	202204	21.092	ng	96
12) 1,3-Dichlorobenzene	6.75	146	224764	20.399	ng	98
13) 1,4-Dichlorobenzene	6.82	146	228787	20.830	ng	100
14) 1,2-Dichlorobenzene	6.97	146	214849	21.108	ng	98
15) Benzyl Alcohol	6.95	79	175946	20.460	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	257324	19.987	ng	91
17) 2-Methylphenol	7.06	107	173165	20.482	ng	97
18) Hexachloroethane	7.32	117	63226	16.145	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	136468	18.445	ng	92
20) 3+4-Methylphenols	7.22	107	211594	20.180	ng	# 67
22) Acetophenone	7.21	105	280637	20.664	ng	# 96
24) Nitrobenzene	7.39	77	214234	22.969	ng	99
25) Isophorone	7.62	82	374254	20.949	ng	96
26) 2-Nitrophenol	7.70	139	99967	26.327	ng	97
27) 2,4-Dimethylphenol	7.74	122	174316	22.109	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	249164	22.812	ng	98
29) 2,4-Dichlorophenol	7.95	162	165559	22.008	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	171314	20.750	ng	99
31) Naphthalene	8.11	128	582259	21.197	ng	99
33) 4-Chloroaniline	8.16	127	161312	13.708	ng	96
34) Hexachlorobutadiene	8.22	225	91923	20.328	ng	99
35) Caprolactam	8.50	113	43394	16.535	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	165935	20.571	ng	99
37) 2-Methylnaphthalene	8.80	142	375199	21.116	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	156258	24.385	ng	99
42) 2,4,6-Trichlorophenol	9.08	196	101636	22.848	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	105373	21.168	ng	96

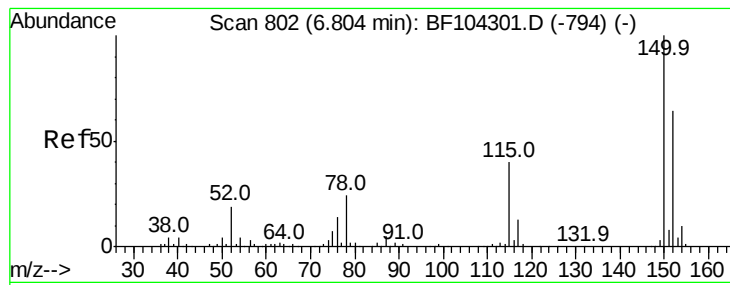
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.26	154	428849	22.805	nq	99
46) 2-Chloronaphthalene	9.29	162	327576	22.053	nq	98
47) 2-Nitroaniline	9.39	65	95266	25.934	nq	97
48) Acenaphthylene	9.70	152	484378	20.784	nq	99
49) Dimethylphthalate	9.56	163	442675	25.077	nq	100
50) 2,6-Dinitrotoluene	9.63	165	78937	24.166	nq	97
51) Acenaphthene	9.87	154	279357	19.646	nq	99
52) 3-Nitroaniline	9.80	138	70663	18.479	nq	97
53) 2,4-Dinitrophenol	9.90	184	7712	13.286	nq	# 23
54) Dibenzofuran	10.05	168	421714	21.281	nq	98
55) 4-Nitrophenol	9.96	139	117889	39.246	nq	93
56) 2,4-Dinitrotoluene	10.03	165	93923	21.921	nq	# 89
57) Fluorene	10.39	166	315741	21.891	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73615	19.823	nq	93
59) Diethylphthalate	10.26	149	353190	20.089	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	149390	23.257	nq	92
61) 4-Nitroaniline	10.41	138	72219	19.315	nq	92
62) Azobenzene	10.54	77	311725	18.559	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	11523	13.273	nq	81
65) n-Nitrosodiphenylamine	10.50	169	278473	23.751	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	83182	23.126	nq	91
67) Hexachlorobenzene	10.94	284	90349	22.324	nq	92
68) Atrazine	11.03	200	83025	23.460	nq	99
69) Pentachlorophenol	11.13	266	73461	29.340	nq	99
70) Phenanthrene	11.36	178	406988	21.612	nq	99
71) Anthracene	11.41	178	420844	21.985	nq	99
72) Carbazole	11.56	167	381571	20.399	nq	99
73) Di-n-butylphthalate	11.89	149	495291	21.676	nq	98
74) Fluoranthene	12.54	202	404988	20.584	nq	99
76) Benzidine	12.67	184	278838	26.674	nq	97
77) Pyrene	12.77	202	414170	20.126	nq	100
79) Butylbenzylphthalate	13.39	149	198041	20.427	nq	98
80) Benzo(a)anthracene	13.97	228	369323	22.267	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	140547	22.727	nq	99
82) Chrysene	14.00	228	354472	20.807	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	282029	22.616	nq	100
84) Di-n-octyl phthalate	14.57	149	475029	22.798	nq	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	246004	16.999	nq	98
87) Benzo(b)fluoranthene	15.01	252	305595	23.140	nq	98
88) Benzo(k)fluoranthene	15.04	252	278273	22.319	nq	99
89) Benzo(a)pyrene	15.37	252	258821	21.904	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	207708	21.403	nq	98
91) Benzo(g,h,i)perylene	17.32	276	201329	21.413	nq	96

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

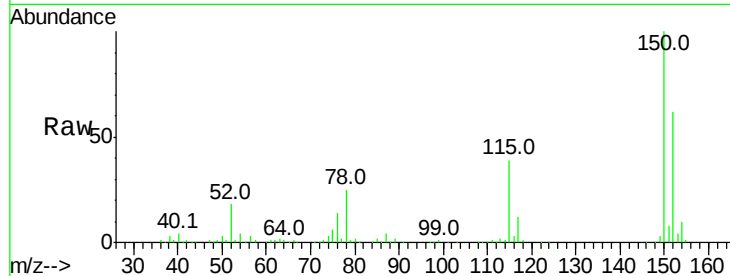


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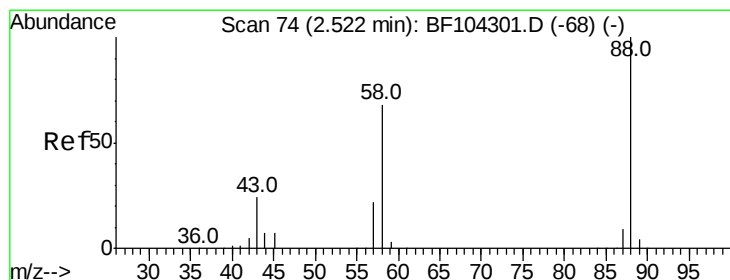
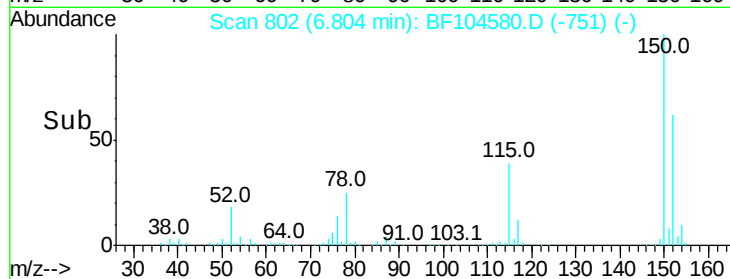
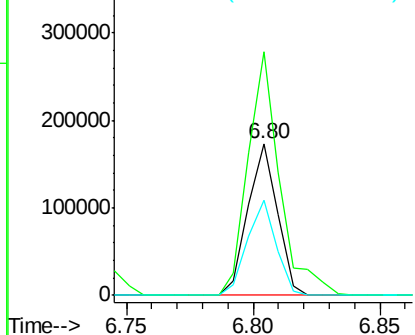
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.9	50.1	75.1



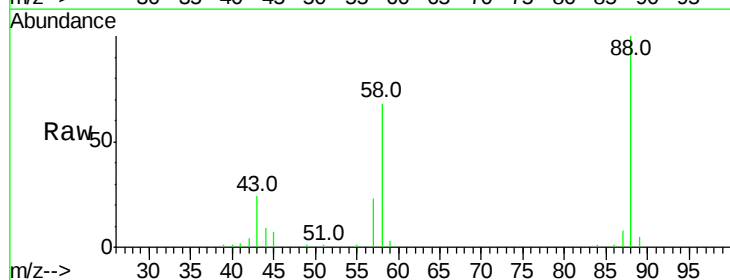
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



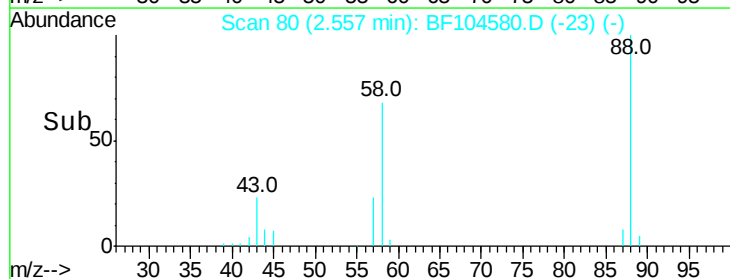
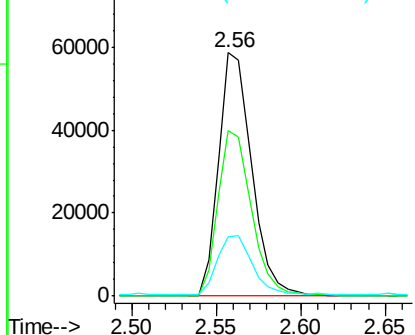
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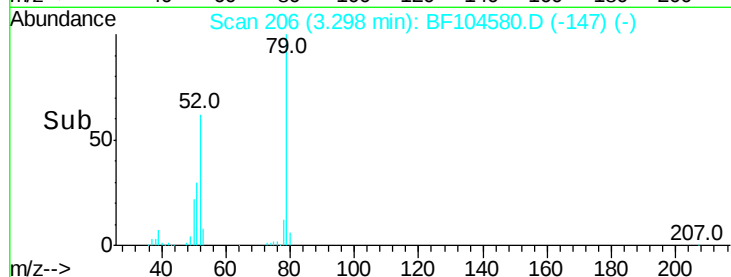
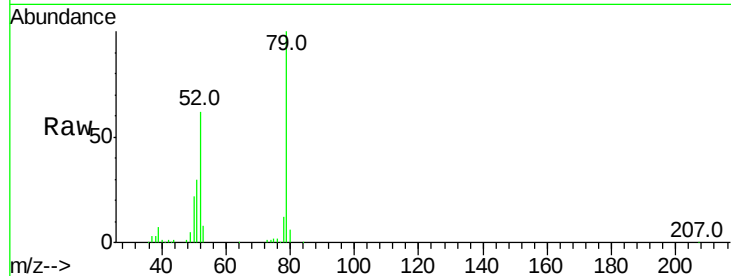
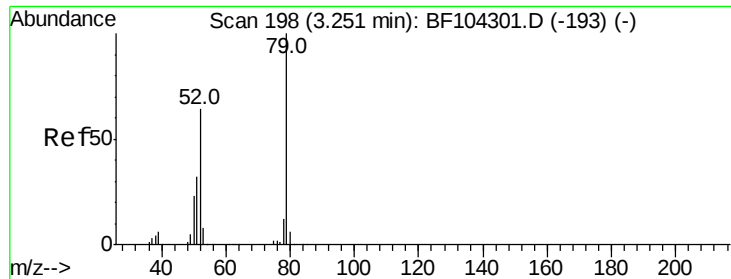
1,4-Dioxane
Concen: 18.693 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	62.6	93.8
43	25.4	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: 16.047 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

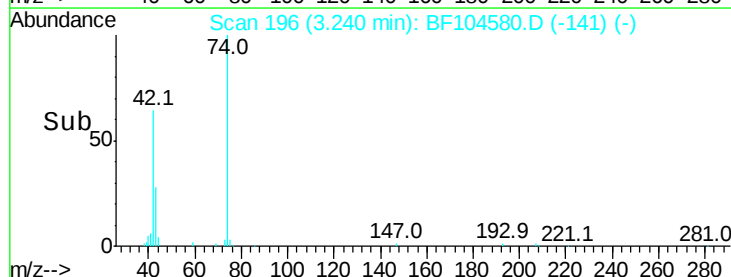
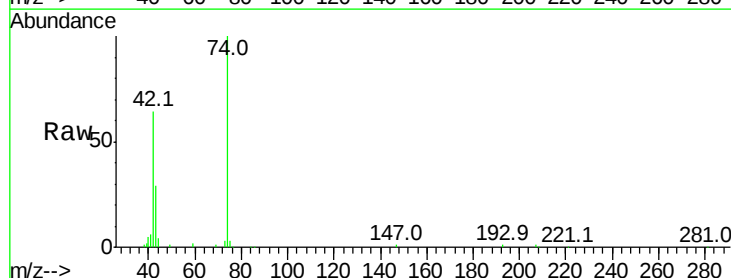
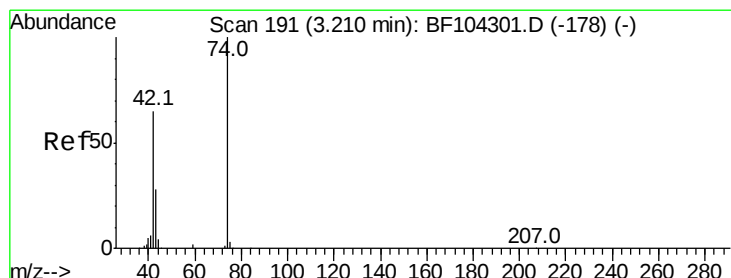
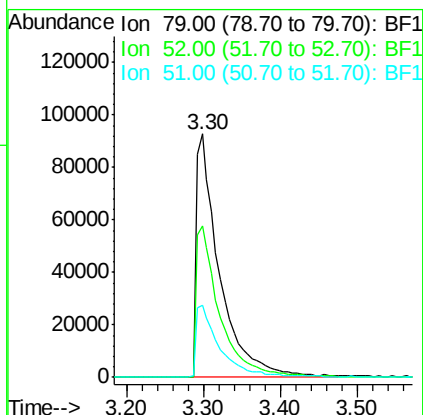
Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 193721

Ion	Ratio	Lower	Upper
79	100		
52	62.4	59.8	89.6
51	29.5	29.8	44.8#



#4

n-Nitrosodimethylamine

Concen: 20.264 ng

RT: 3.24 min Scan# 196

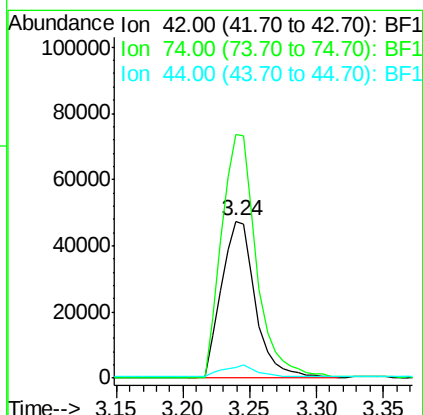
Delta R.T. 0.02 min

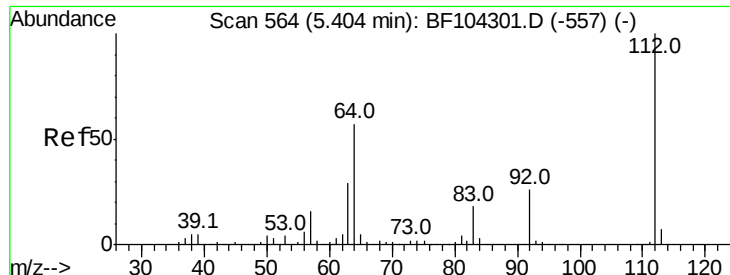
Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Tgt Ion: 42 Resp: 85515

Ion	Ratio	Lower	Upper
42	100		
74	155.1	104.9	157.3
44	6.8	6.9	10.3#

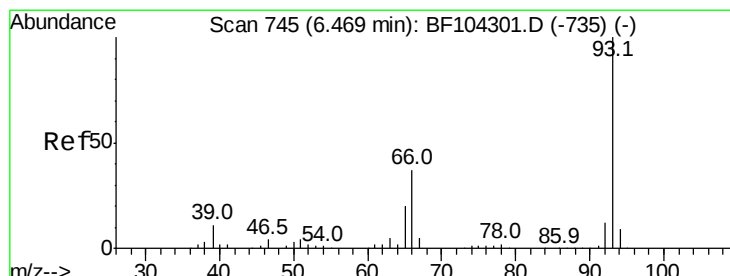
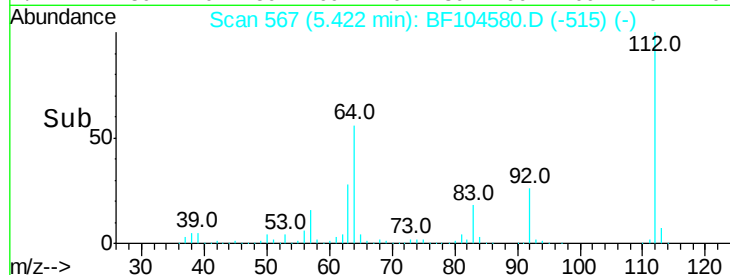
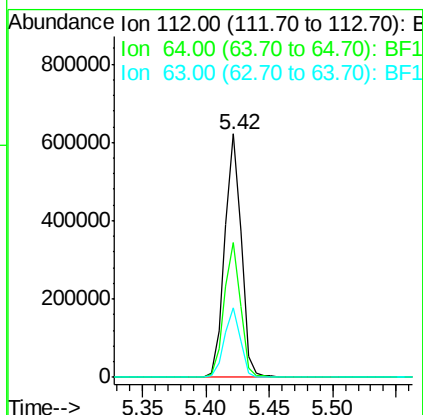
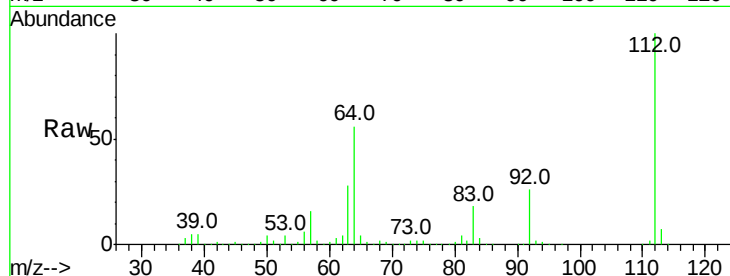




#5
 2-Fluorophenol
 Concen: 61.176 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

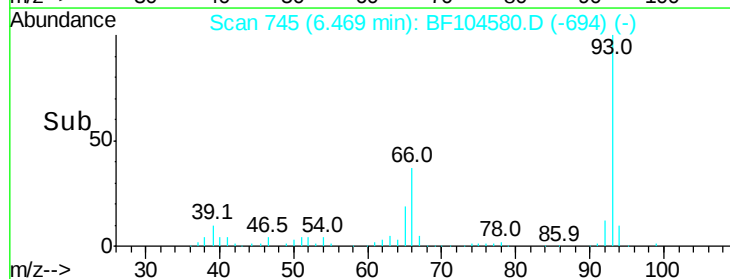
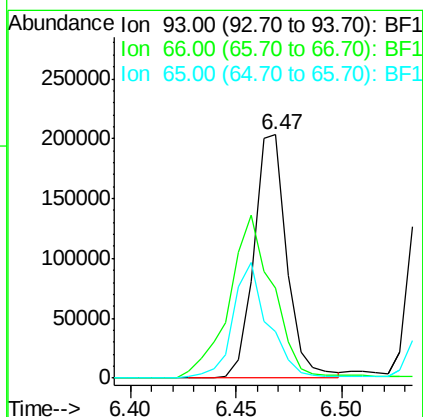
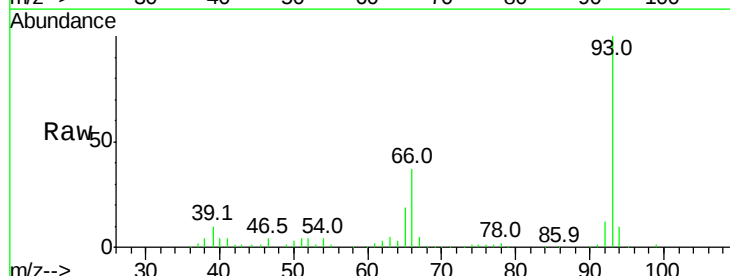
Instrument :
 BNA_F
 ClientSampleId :

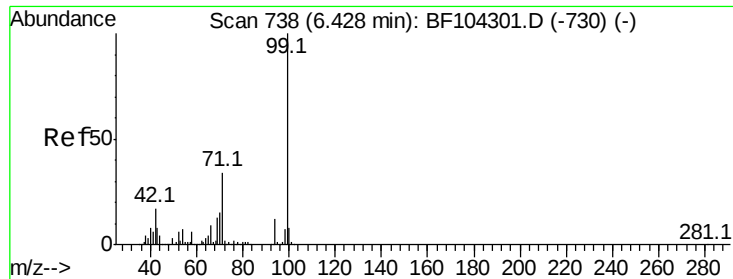
Tot Ion:112 Resp: 563734
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 28.5 23.7 35.5



#6
 Aniline
 Concen: 14.114 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion: 93 Resp: 222012
 Ion Ratio Lower Upper
 93 100
 66 37.0 32.2 48.2
 65 18.9 16.4 24.6





#7

Phenol-d6

Concen: 60.918 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

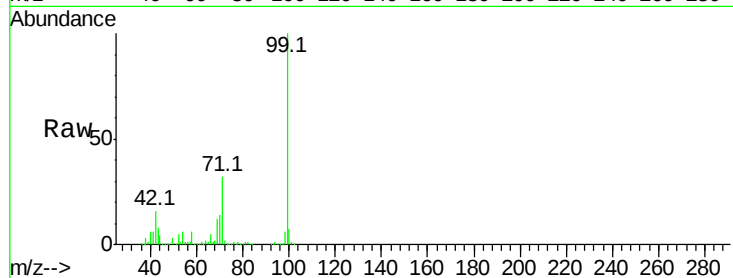
Tot Ion: 99 Resp: 689726

Ion Ratio Lower Upper

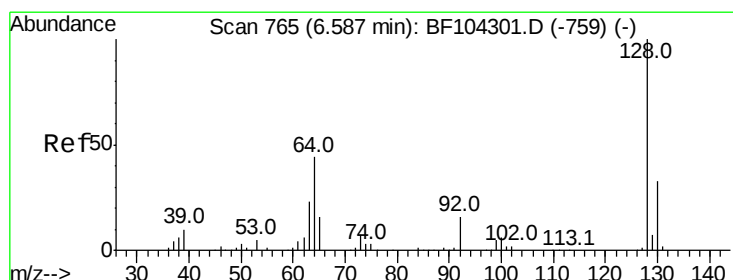
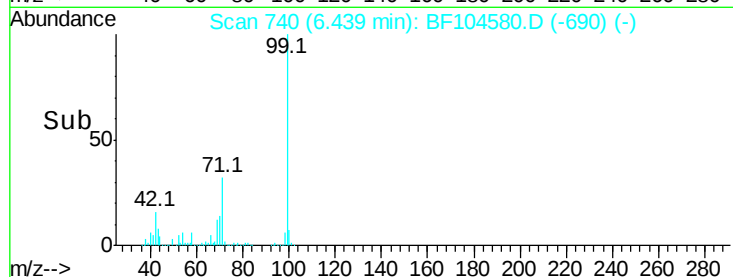
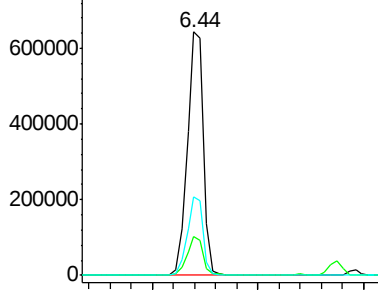
99 100

42 16.1 14.5 21.7

71 32.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 21.962 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

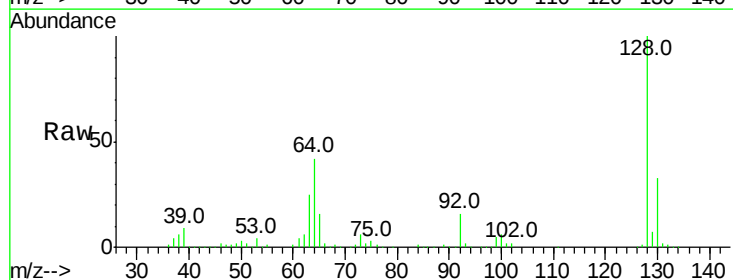
Tgt Ion: 128 Resp: 213605

Ion Ratio Lower Upper

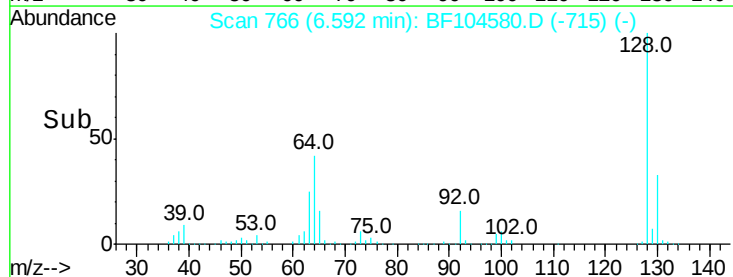
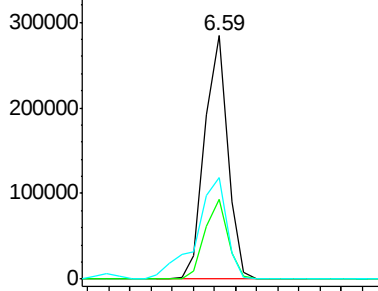
128 100

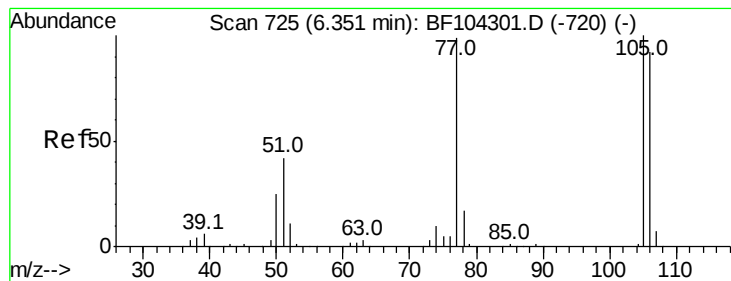
130 32.6 13.0 53.0

64 41.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.859 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

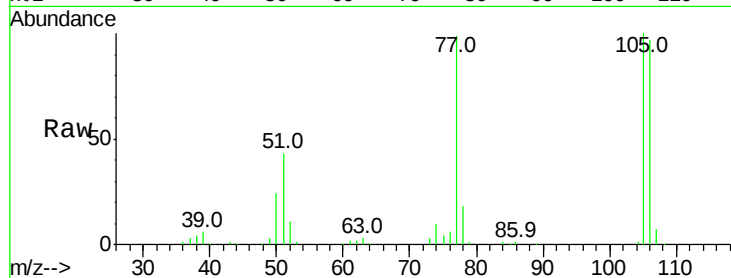
Tot Ion: 77 Resp: 129785

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

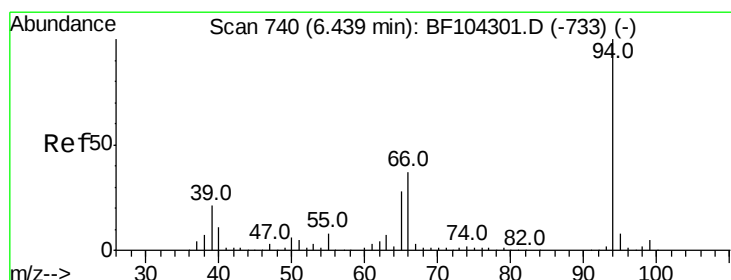
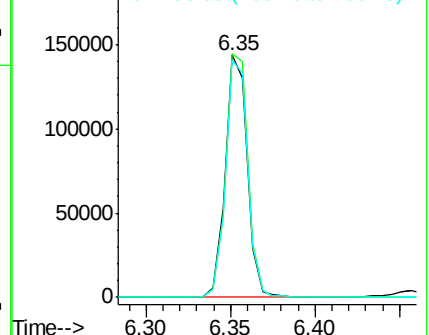
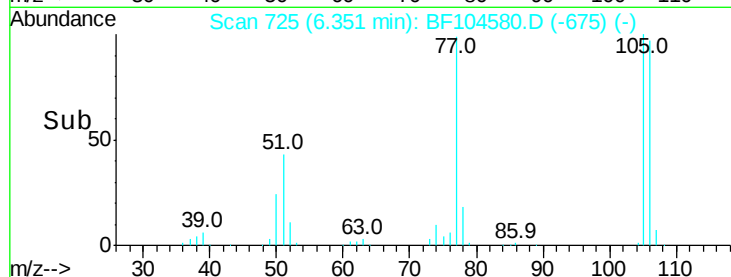
106 97.7 74.5 114.5



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: 22.977 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

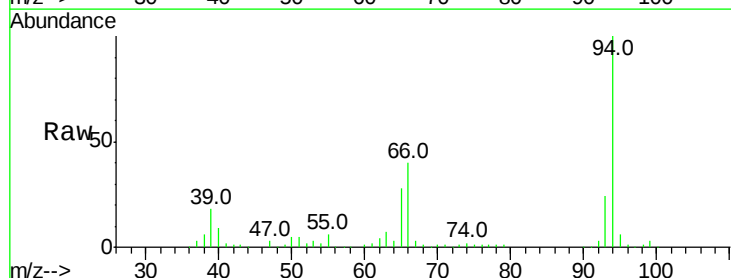
Tgt Ion: 94 Resp: 276032

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

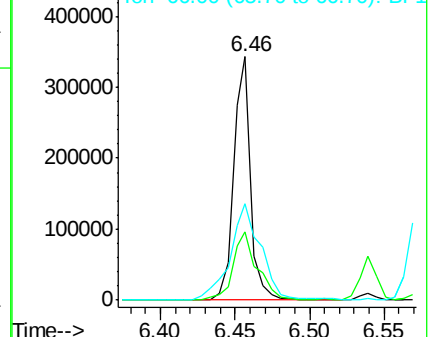
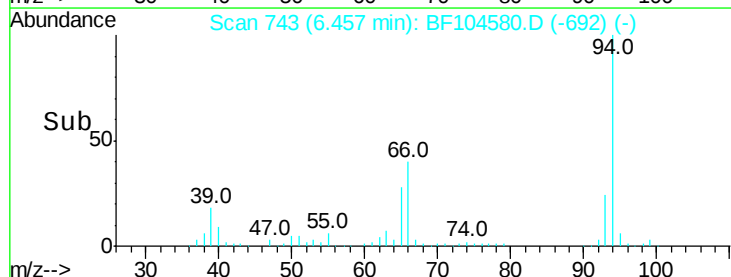
66 39.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

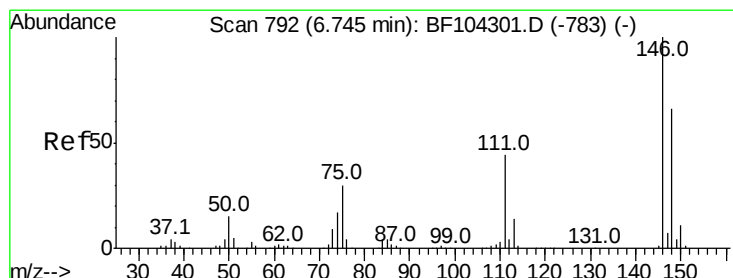
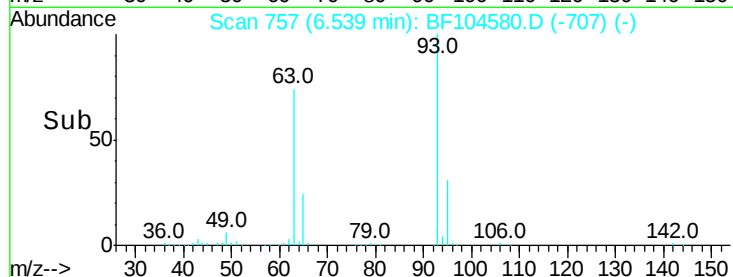
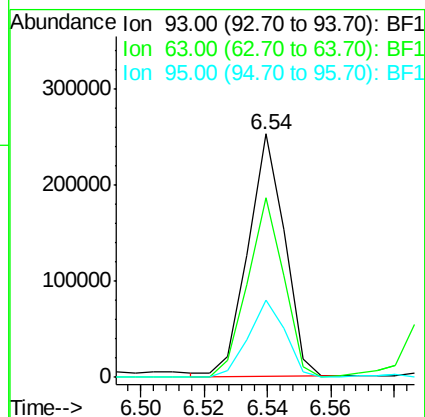
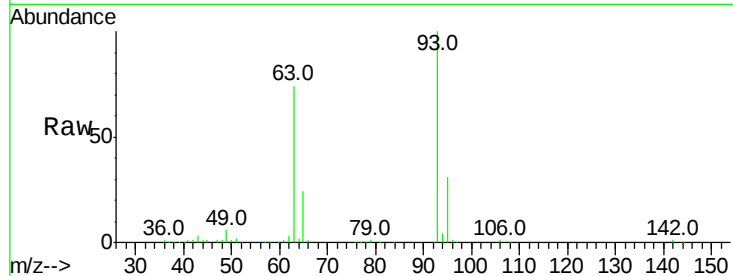




#11
bis(2-Chloroethyl)ether
Concen: 21.092 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

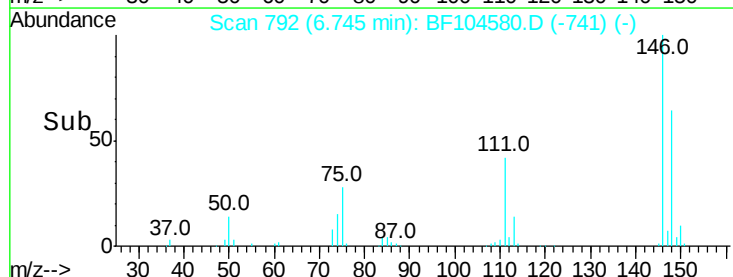
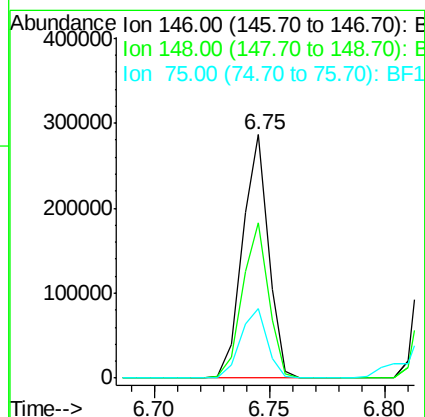
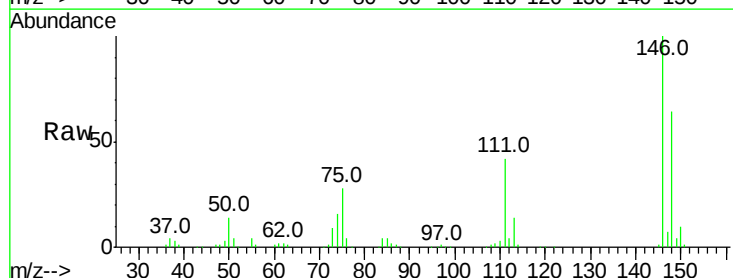
Instrument :
BNA_F
ClientSampleId :

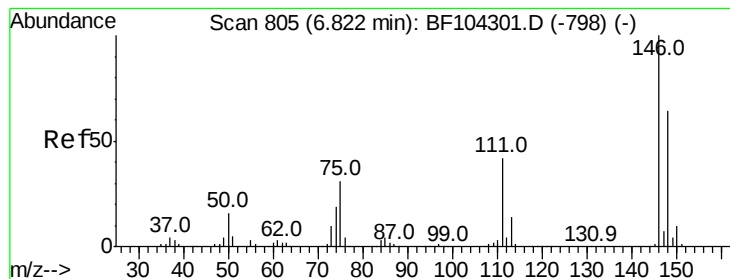
Tot Ion: 93 Resp: 202204
Ion Ratio Lower Upper
93 100
63 74.0 58.6 98.6
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 20.399 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion: 146 Resp: 224764
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 28.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 20.830 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

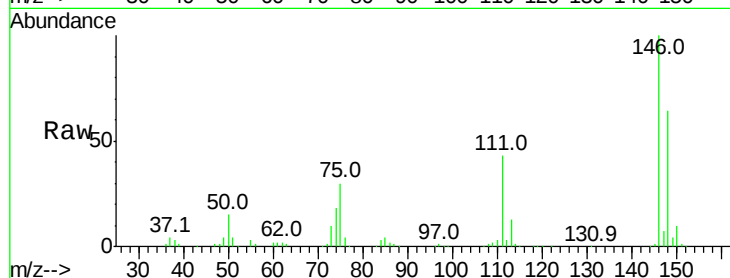
Tot Ion:146 Resp: 228787

Ion Ratio Lower Upper

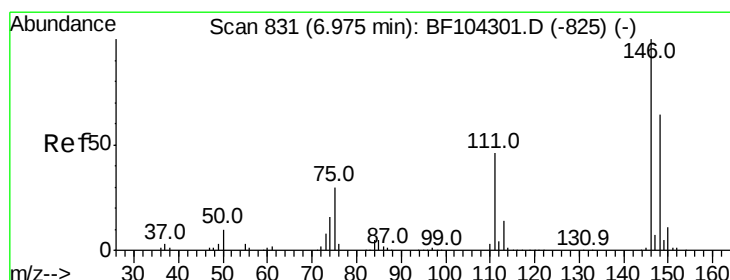
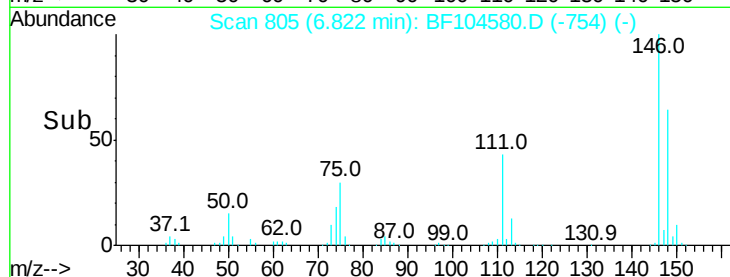
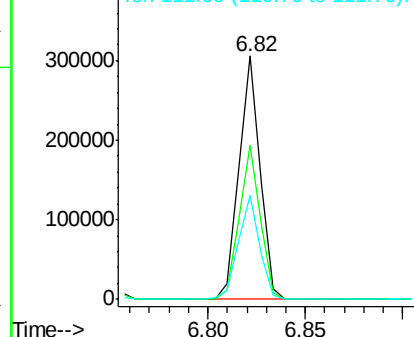
146 100

148 63.5 50.8 76.2

111 42.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 21.108 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

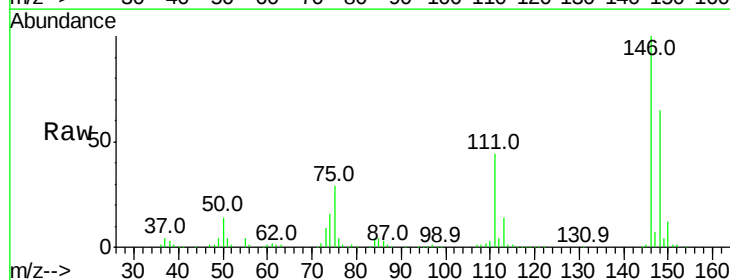
Tgt Ion:146 Resp: 214849

Ion Ratio Lower Upper

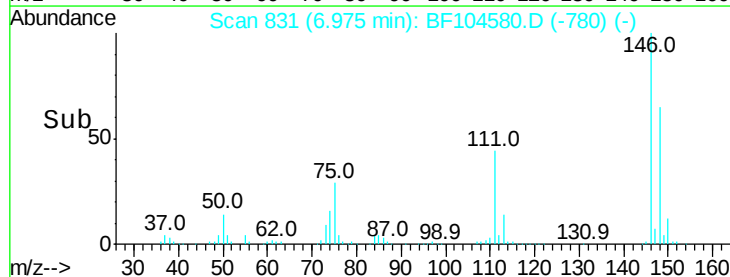
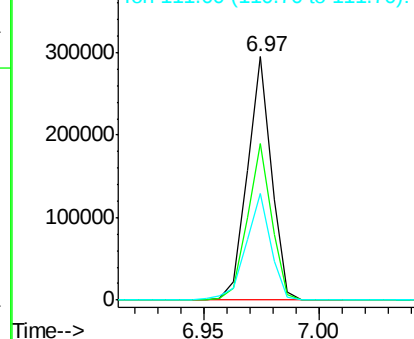
146 100

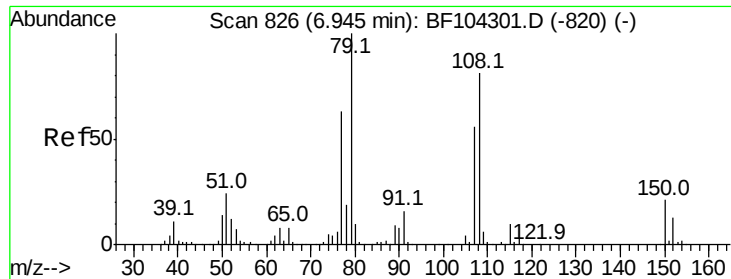
148 64.5 50.6 75.8

111 43.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 20.460 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampled :

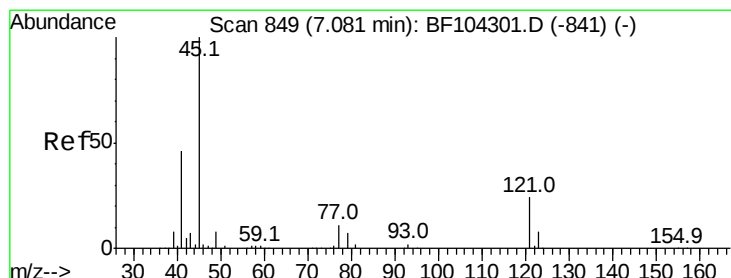
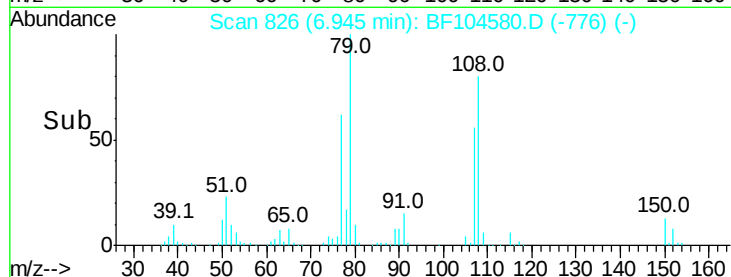
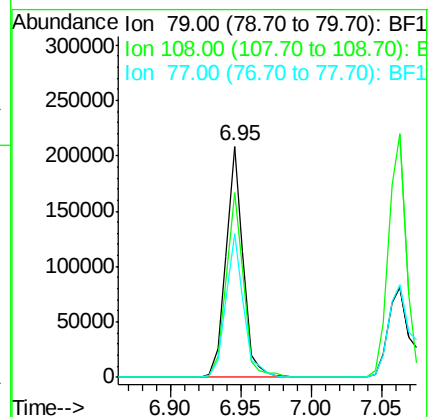
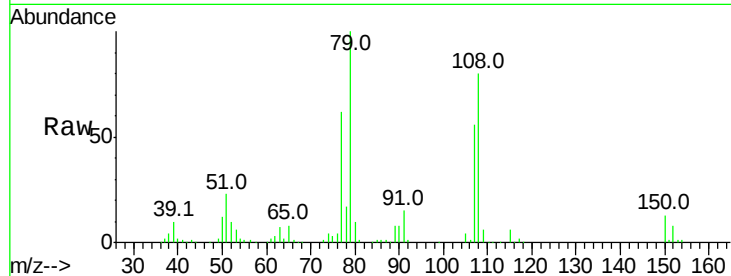
Tot Ion: 79 Resp: 175946

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.987 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

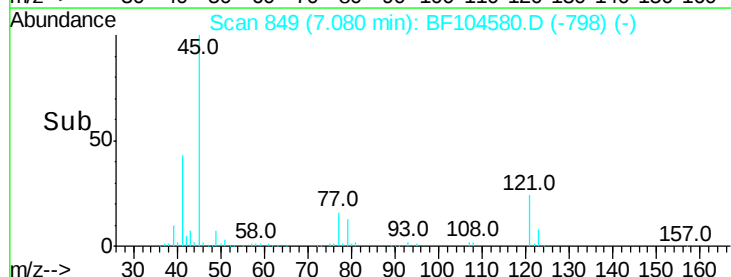
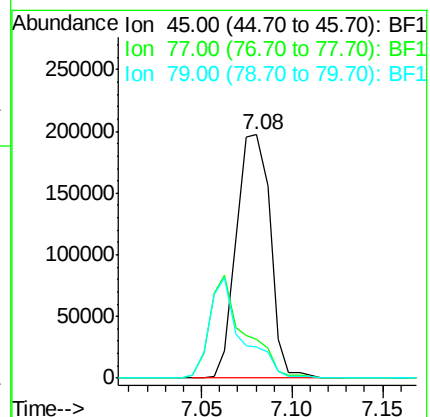
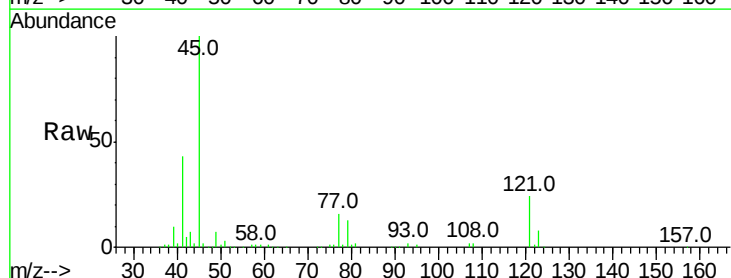
Tgt Ion: 45 Resp: 257324

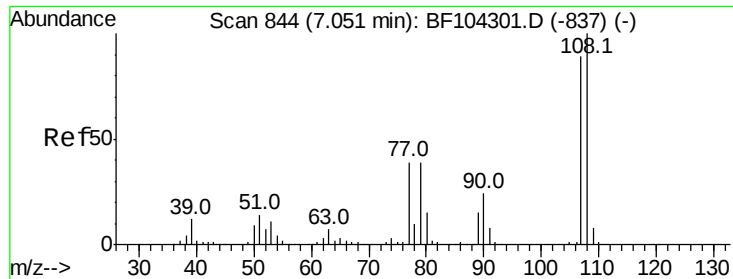
Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.9

79 12.9 0.0 29.6

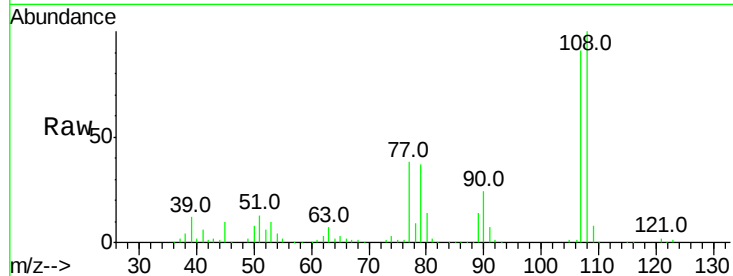




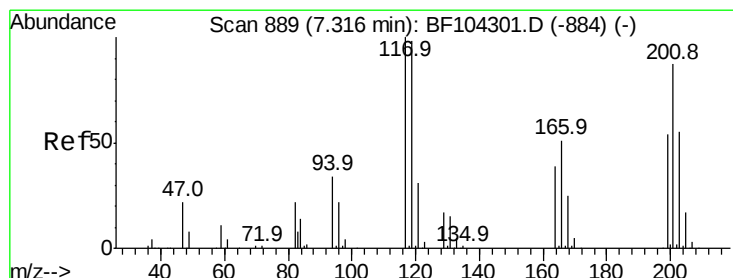
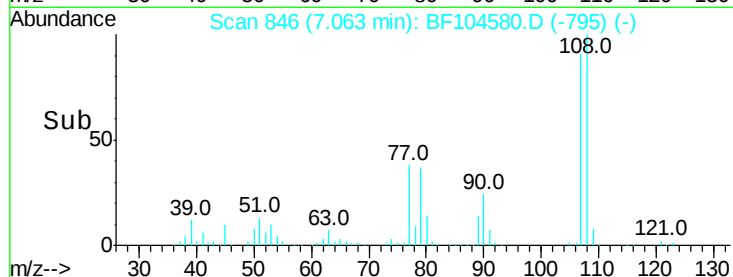
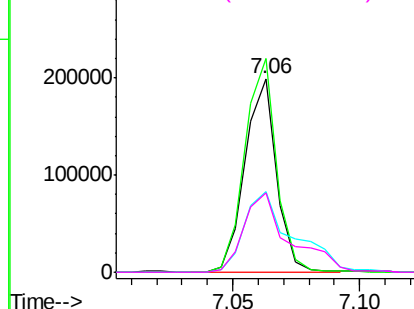
#17
2-Methylphenol
Concen: 20.482 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 173165
Ion Ratio Lower Upper
107 100
108 110.2 91.7 137.5
77 41.7 33.8 50.8
79 40.8 33.8 50.8

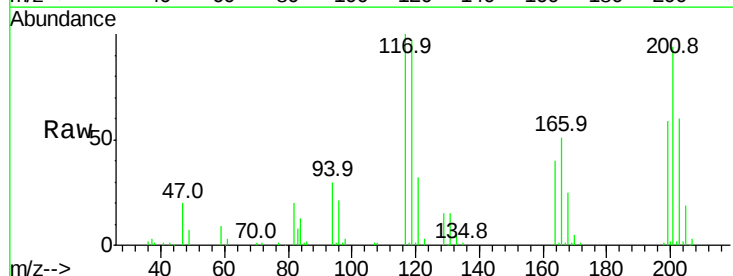


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

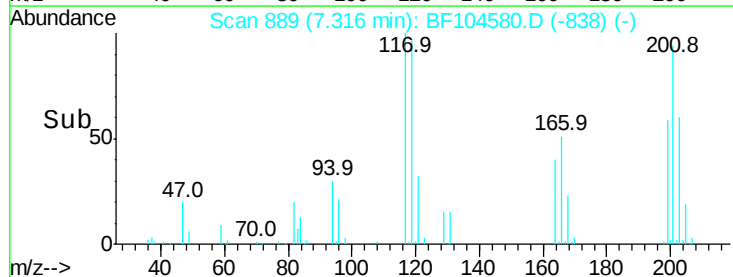
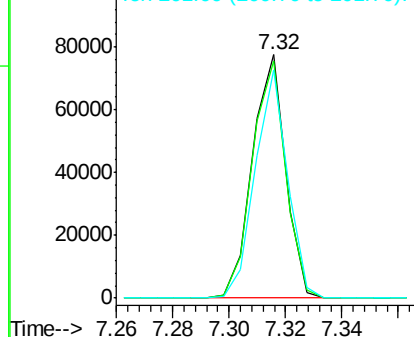


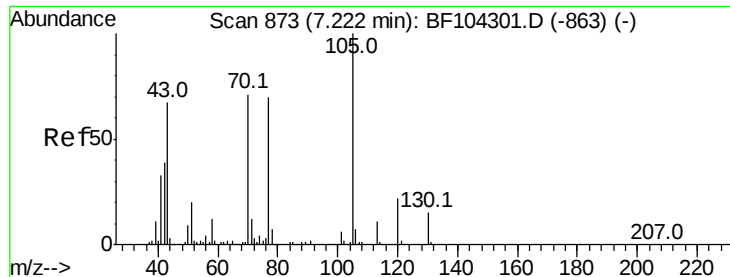
#18
Hexachloroethane
Concen: 16.145 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:117 Resp: 63226
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 93.6 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

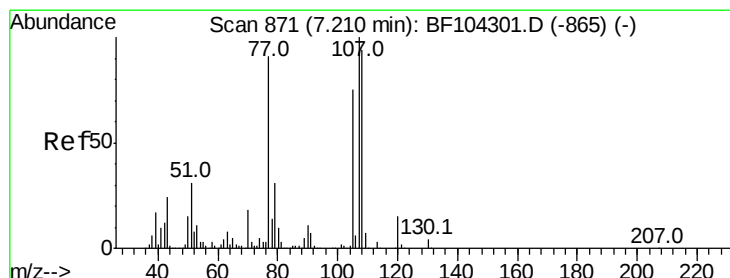
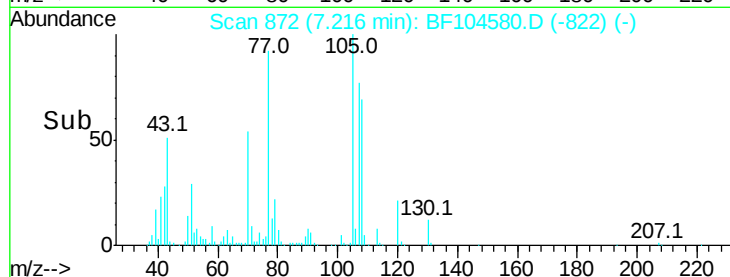
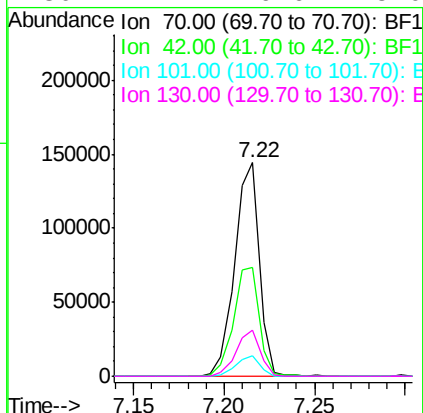
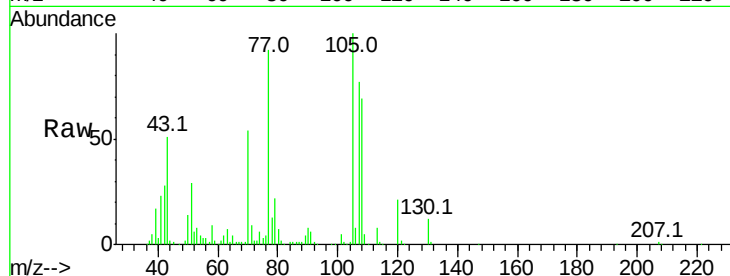




#19
n-Nitroso-di-n-propylamine
Concen: 18.445 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

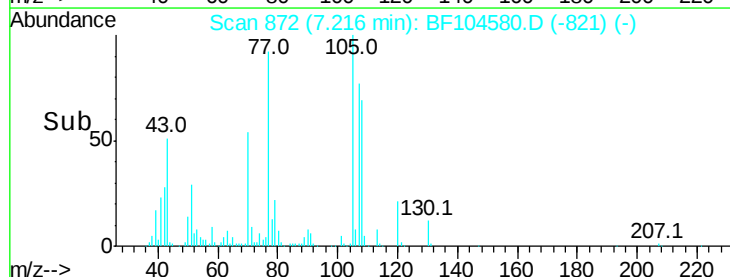
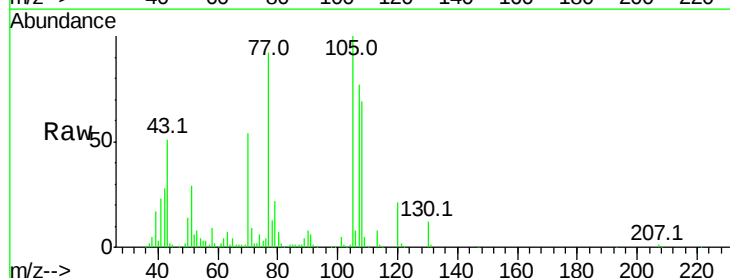
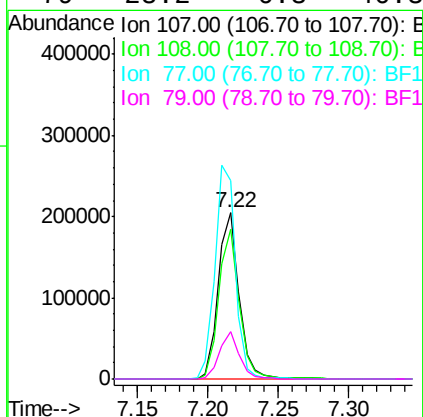
Instrument :
BNA_F
ClientSampleId :

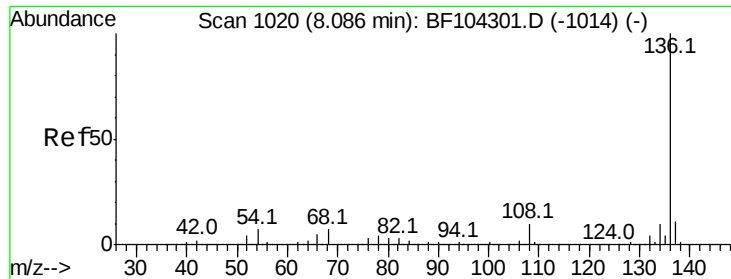
Tot Ion	70	Resp	136468
Ion Ratio	Lower	Upper	
70	100		
42	50.9	47.5	71.3
101	9.5	7.4	11.2
130	21.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 20.180 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion	107	Resp	211594
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	119.3	26.7	66.7#
79	28.2	6.3	46.3

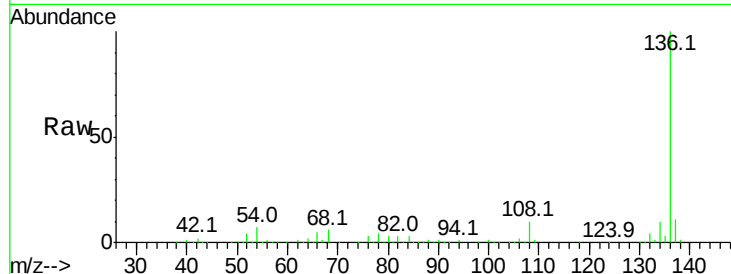




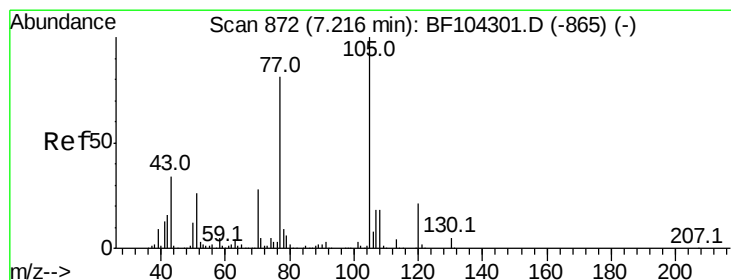
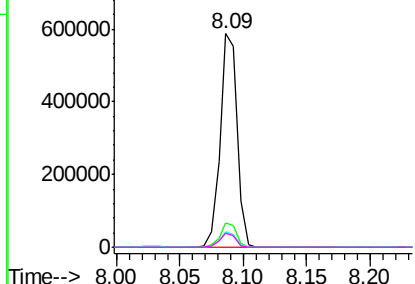
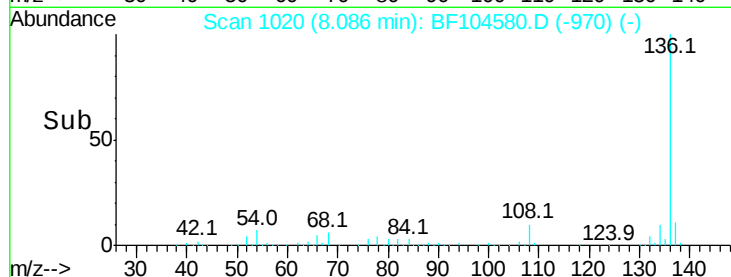
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	551644
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4

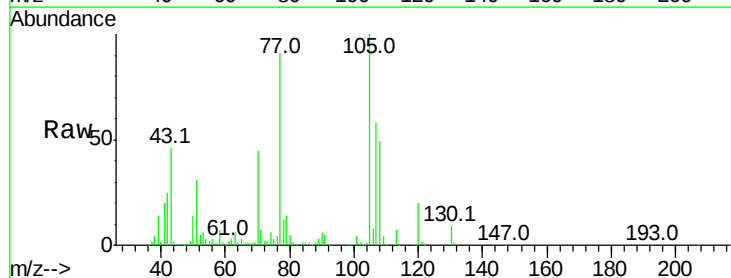


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

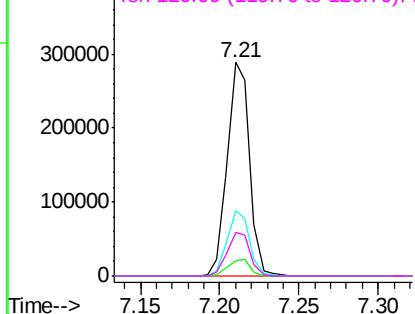
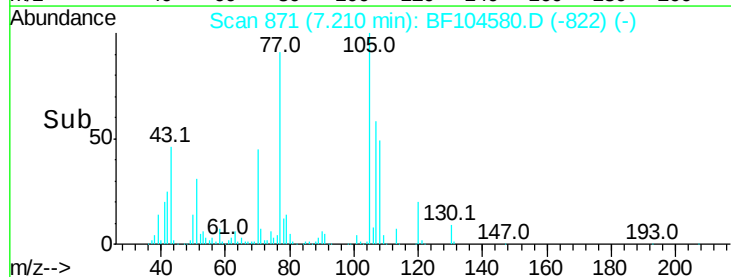


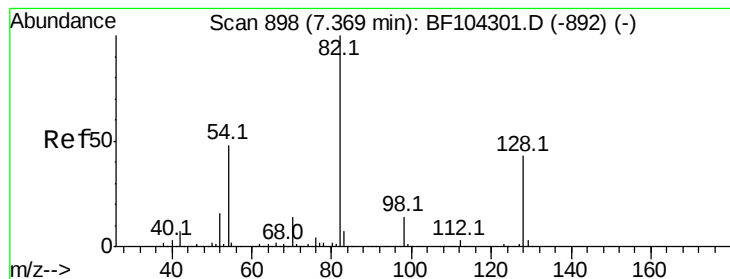
#22
Acetophenone
Concen: 20.664 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:	105	Resp:	280637
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	30.7	22.3	33.5
120	20.5	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 49.613 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

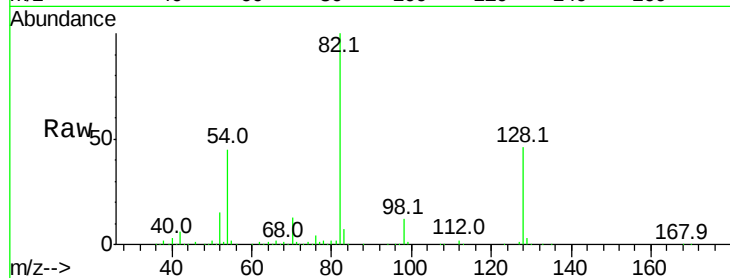
Tot Ion: 82 Resp: 419138

Ion Ratio Lower Upper

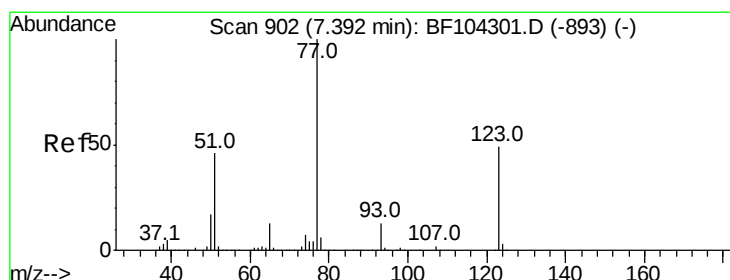
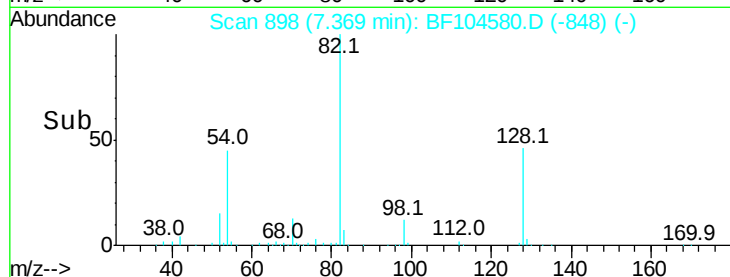
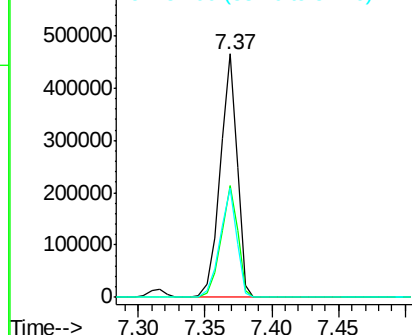
82 100

128 45.8 36.1 54.1

54 44.8 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: 22.969 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

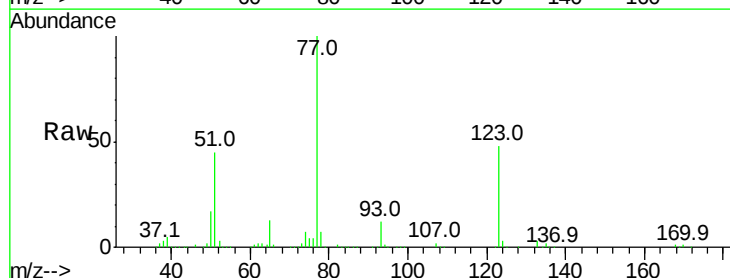
Tgt Ion: 77 Resp: 214234

Ion Ratio Lower Upper

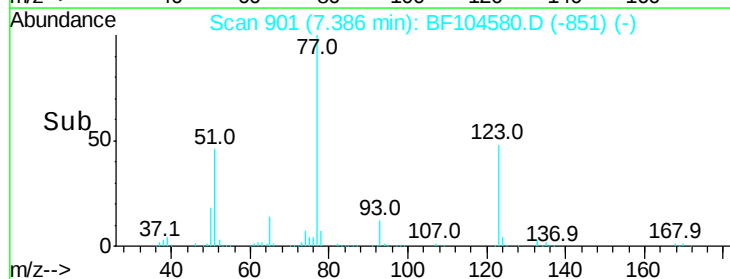
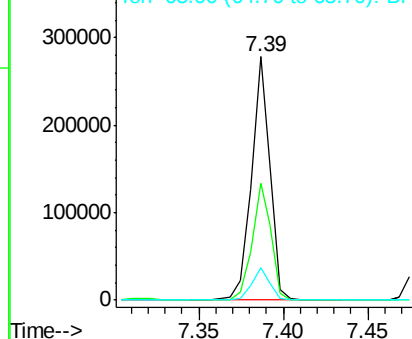
77 100

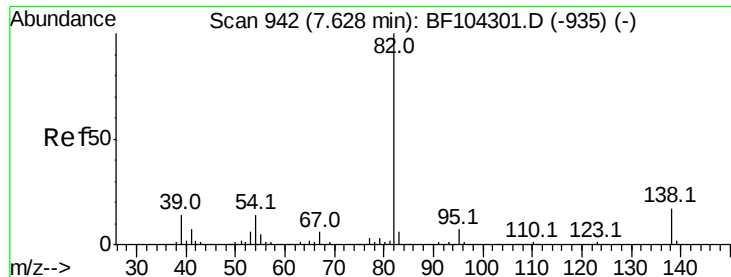
123 48.2 37.9 56.9

65 13.2 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: 20.949 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

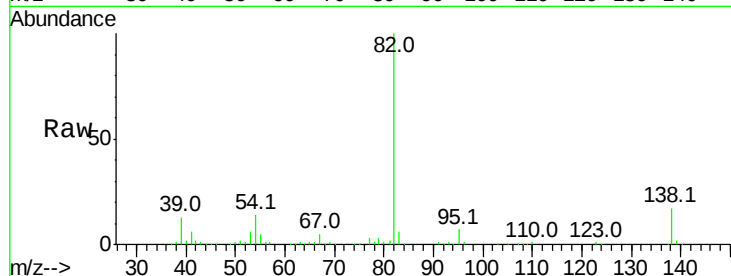
Tot Ion: 82 Resp: 374254

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

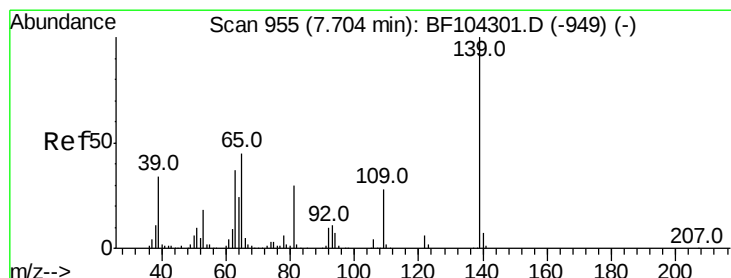
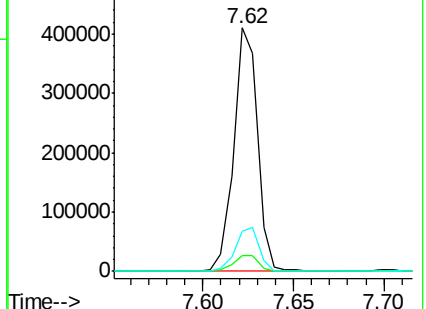
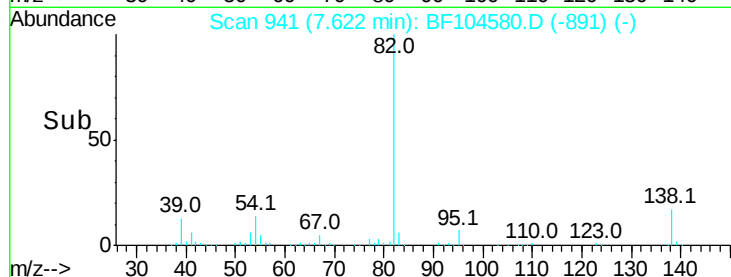
138 16.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 26.327 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

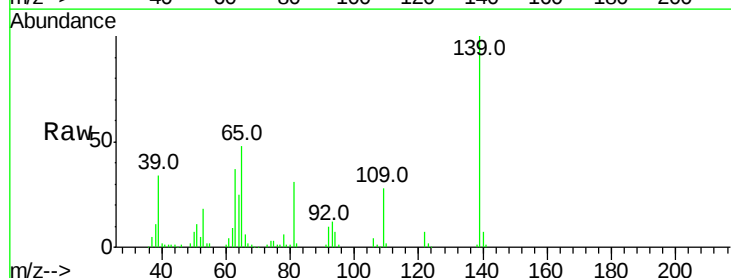
Tgt Ion: 139 Resp: 99967

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

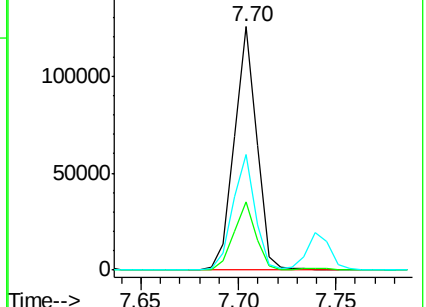
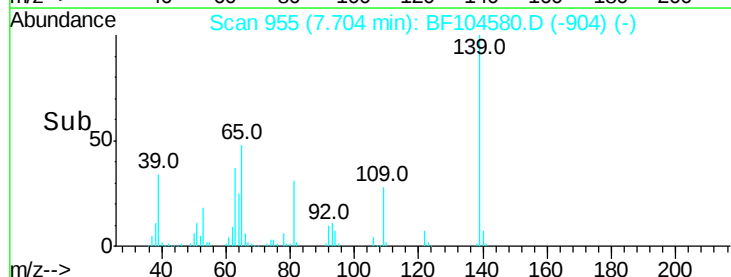
65 47.6 40.5 60.7

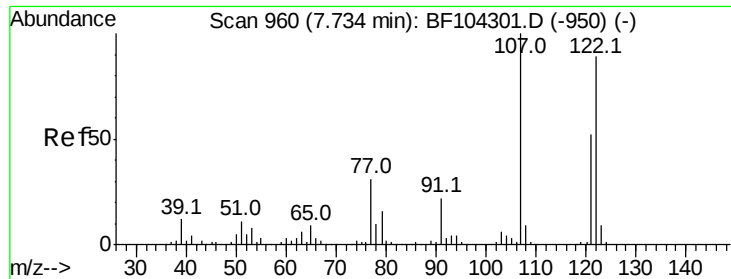


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

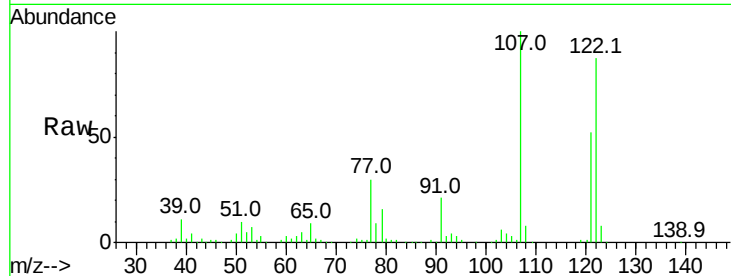




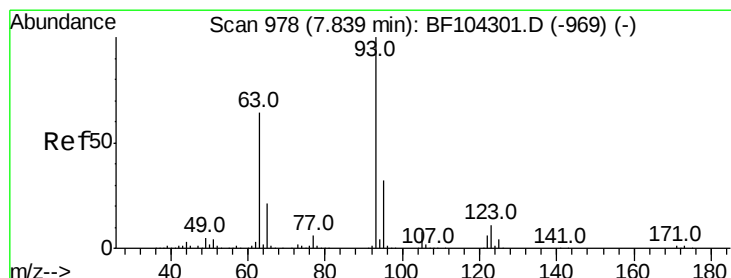
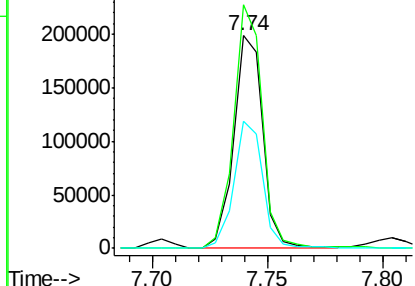
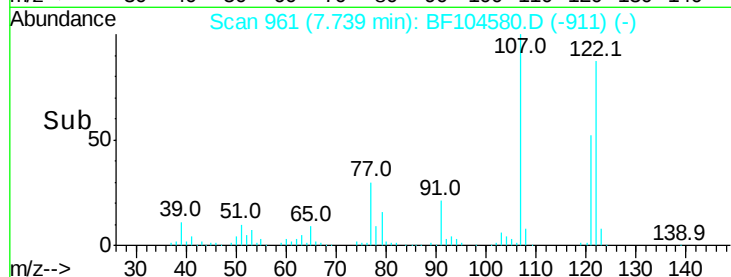
#27
 2,4-Dimethylphenol
 Concen: 22.109 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 174316
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 60.0 47.2 70.8

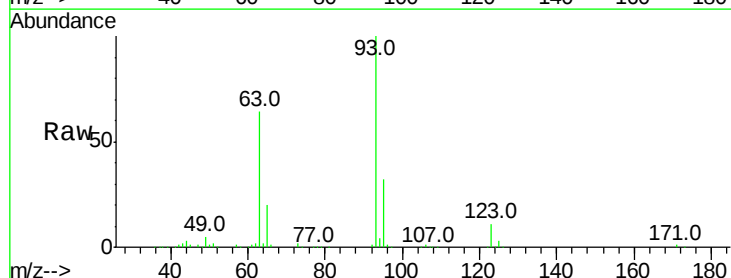


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

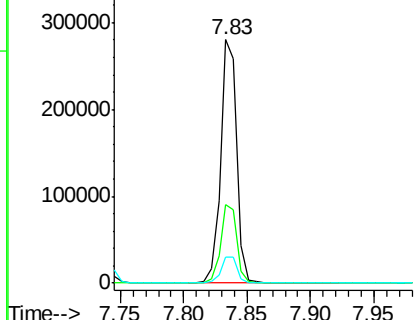
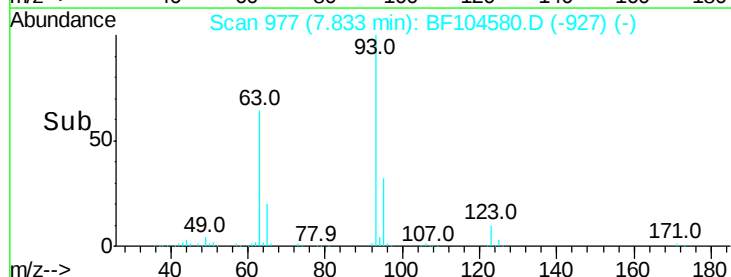


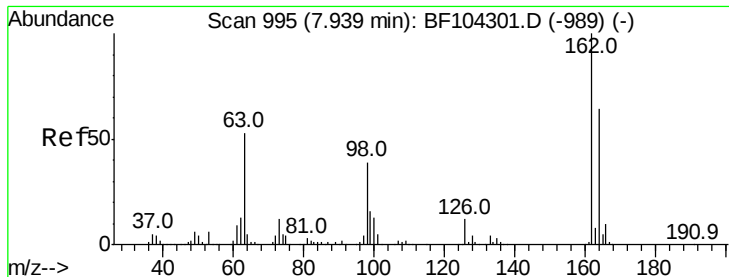
#28
 bis(2-Chloroethoxy)methane
 Concen: 22.812 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion: 93 Resp: 249164
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.6 9.8 14.6



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

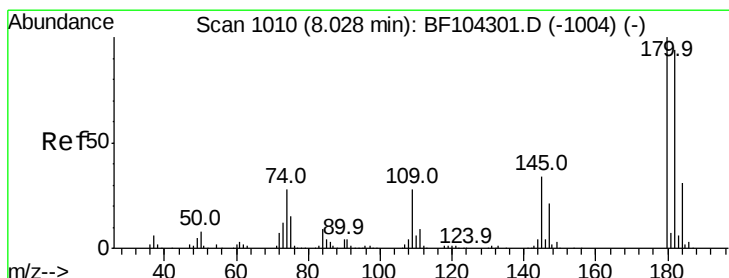
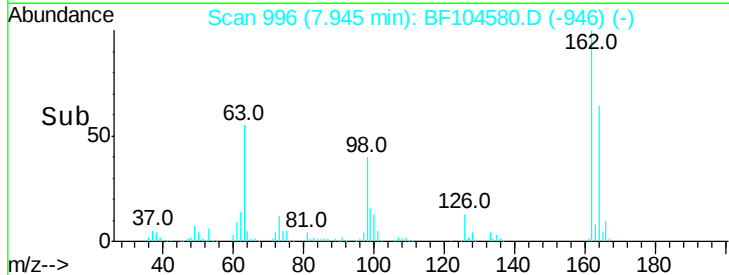
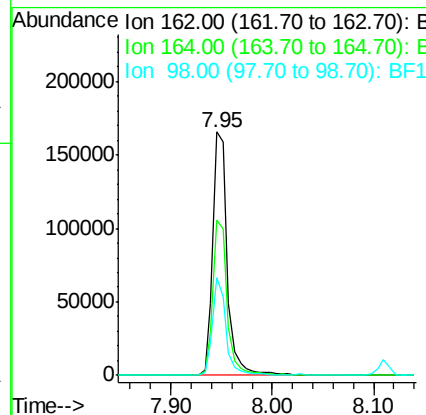
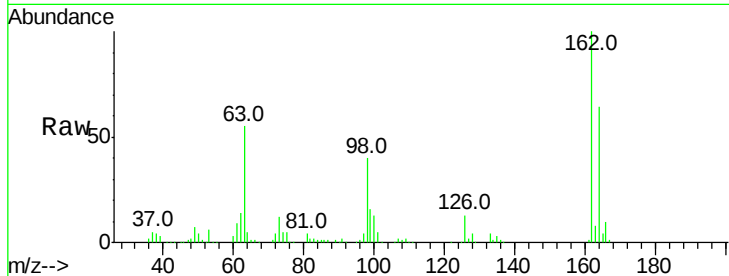




#29
 2,4-Dichlorophenol
 Concen: 22.008 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

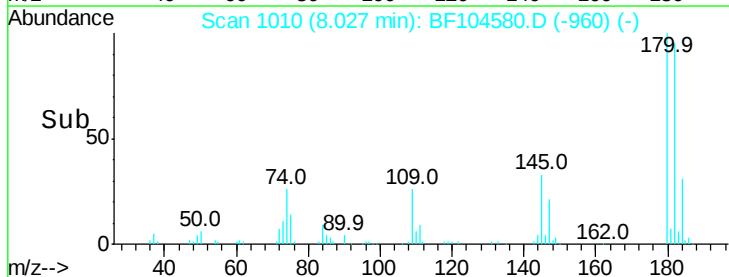
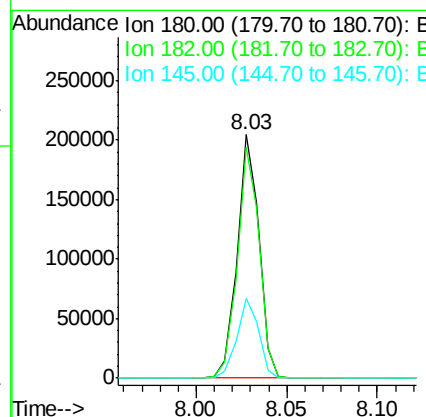
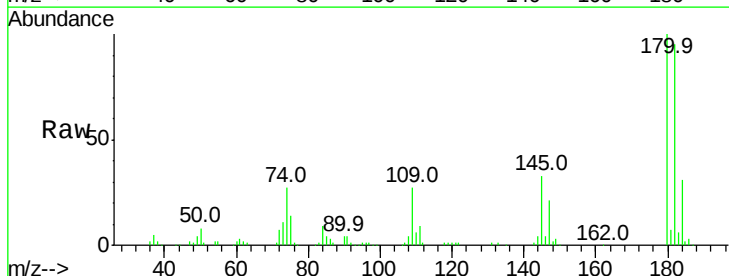
Instrument :
 BNA_F
 ClientSampleId :

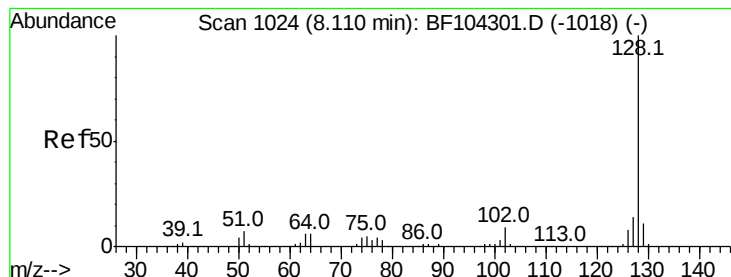
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	40.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 20.750 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 21.197 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

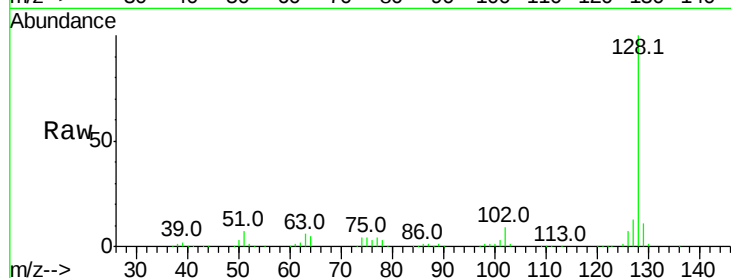
Tot Ion:128 Resp: 582259

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

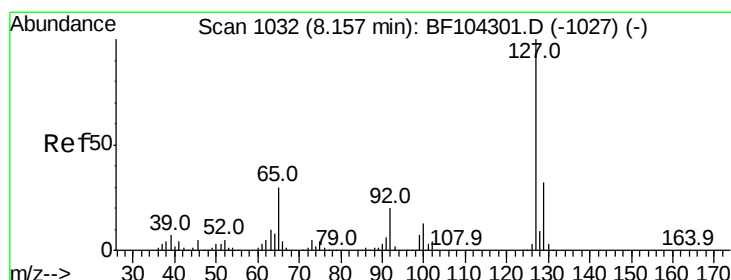
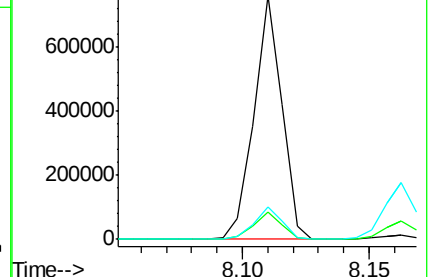
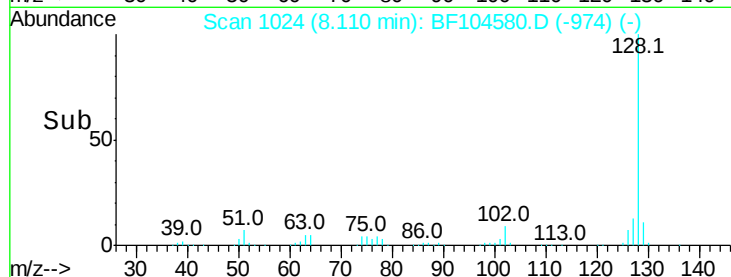
127 13.5 10.9 16.3



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



#33

4-Chloroaniline

Concen: 13.708 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Tgt Ion:127 Resp: 161312

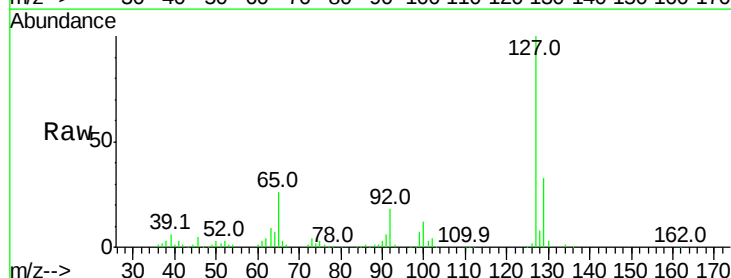
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 26.3 25.0 37.4

92 18.0 15.2 22.8

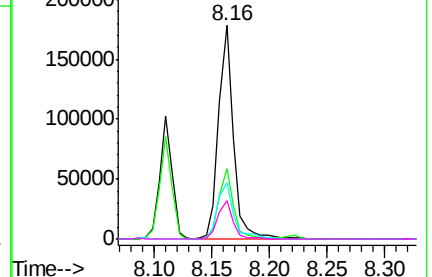
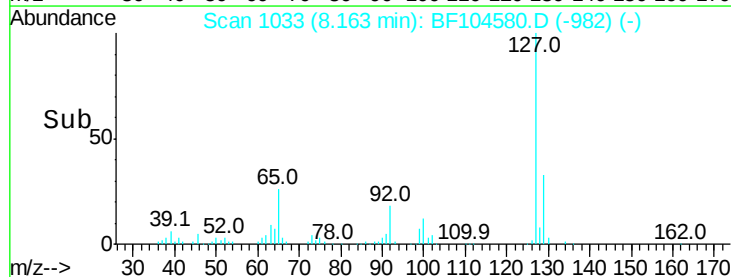


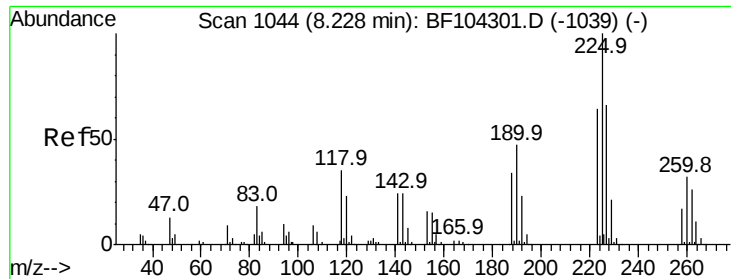
Abundance Ion 127.00 (126.70 to 127.70): E

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

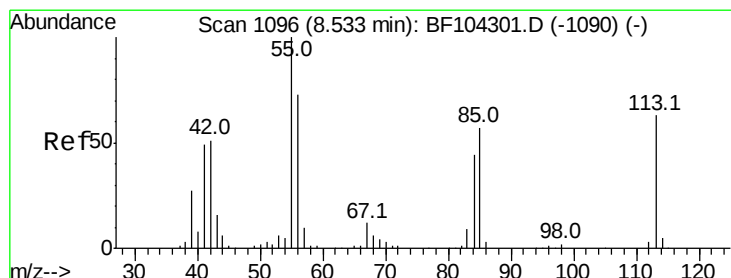
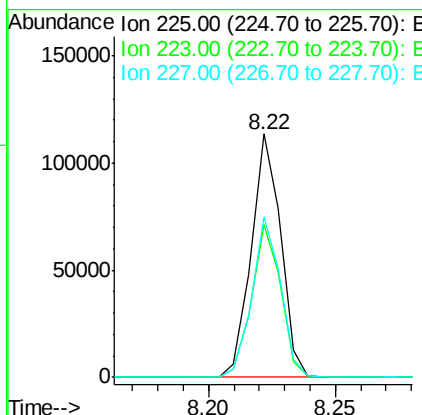
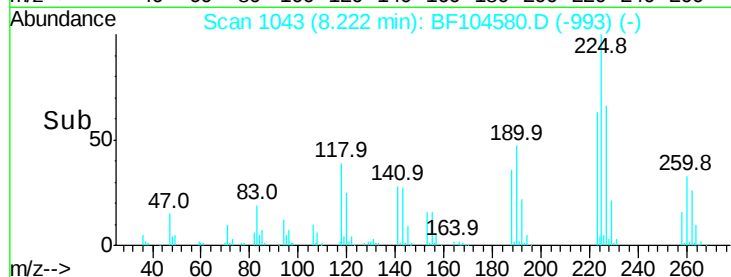
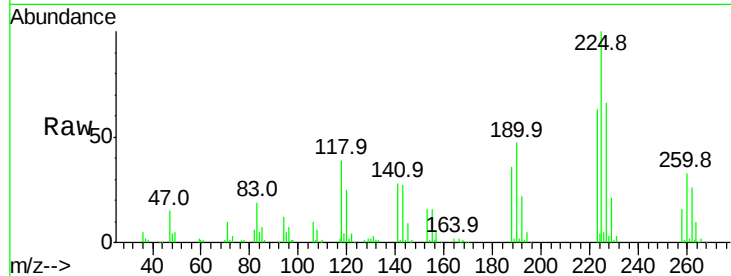




#34
Hexachlorobutadiene
Concen: 20.328 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

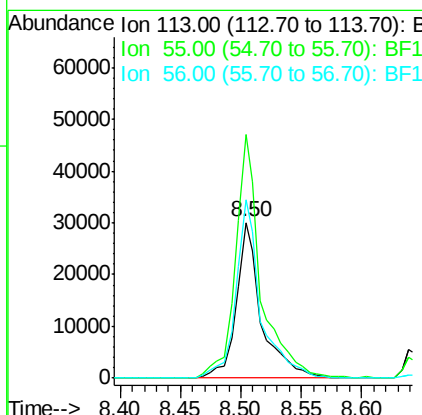
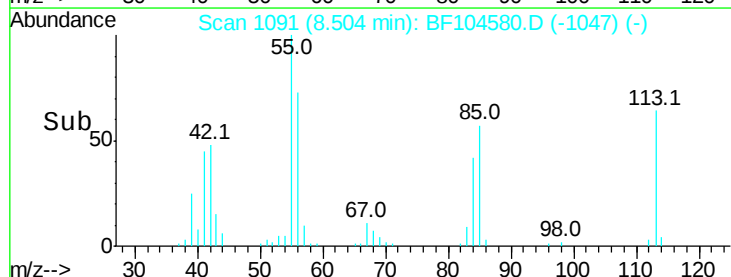
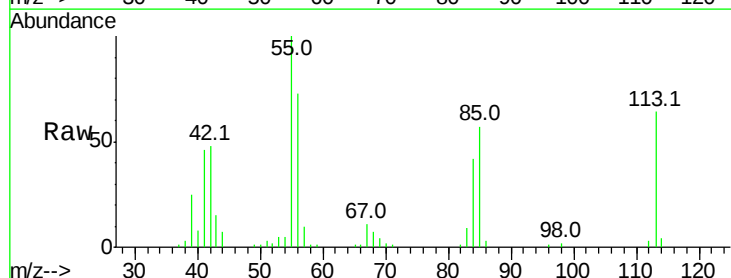
Instrument :
BNA_F
ClientSampleId :

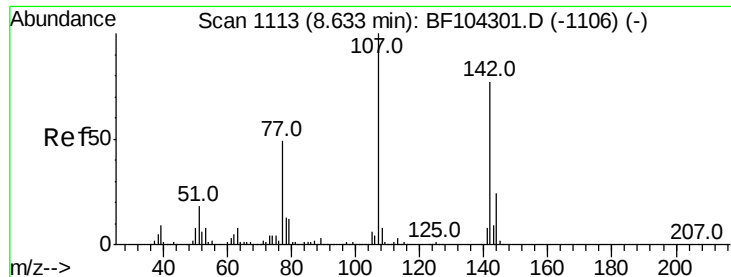
Tot Ion:225 Resp: 91923
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 65.7 51.9 77.9



#35
Caprolactam
Concen: 16.535 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.04 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:113 Resp: 43394
Ion Ratio Lower Upper
113 100
55 156.5 163.3 203.3#
56 114.7 115.7 155.7#





#36

4-Chloro-3-methylphenol

Concen: 20.571 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

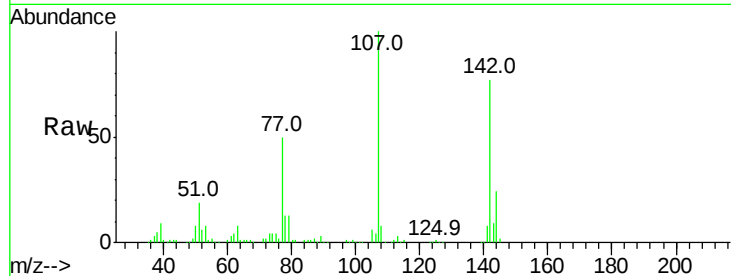
Tot Ion:107 Resp: 165935

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

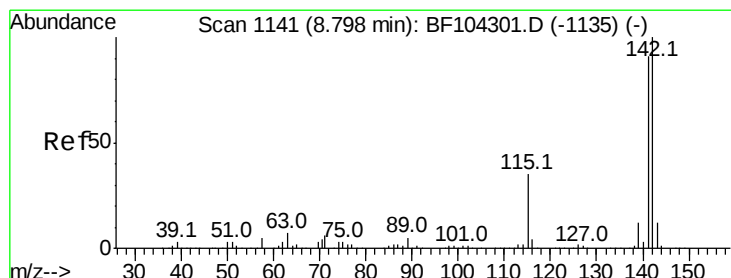
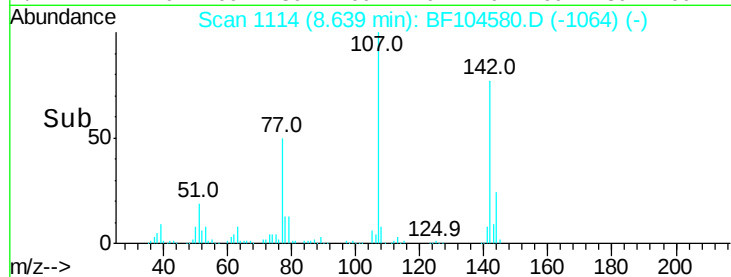
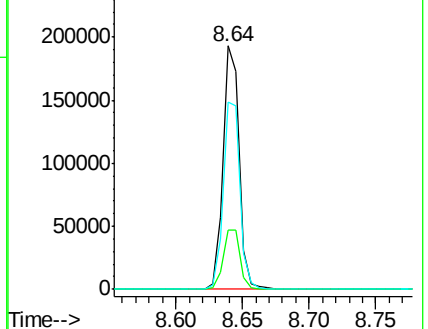
142 76.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 21.116 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

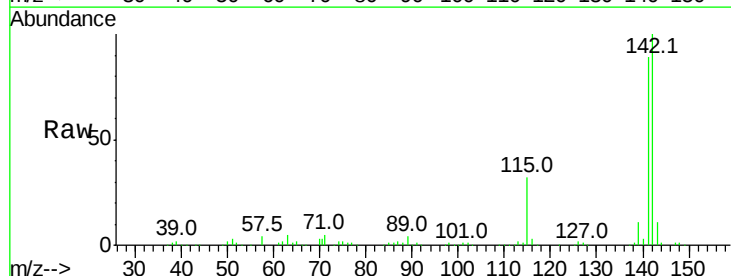
Tgt Ion:142 Resp: 375199

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

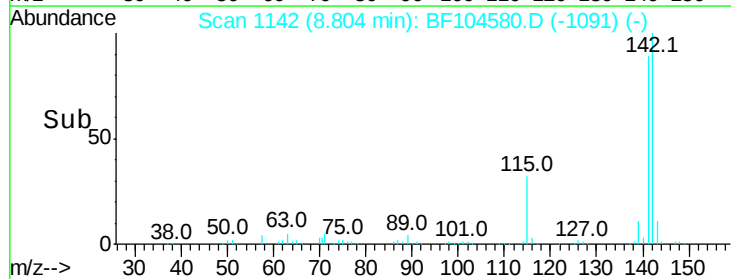
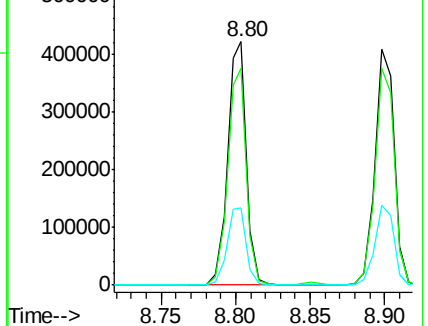
115 31.9 26.1 39.1

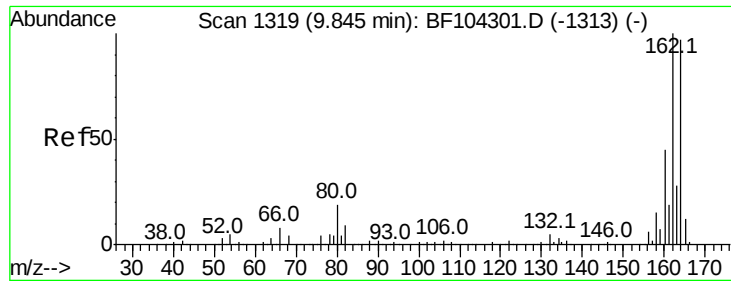


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

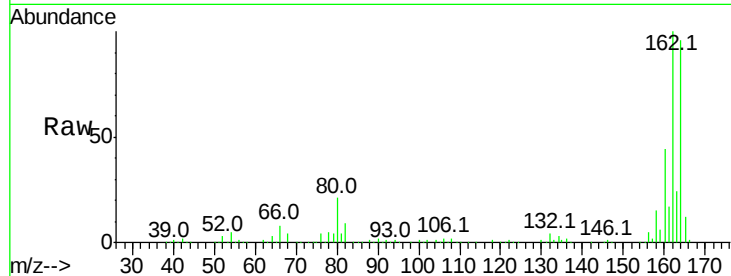




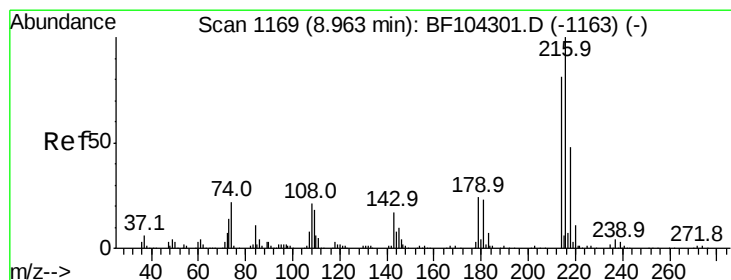
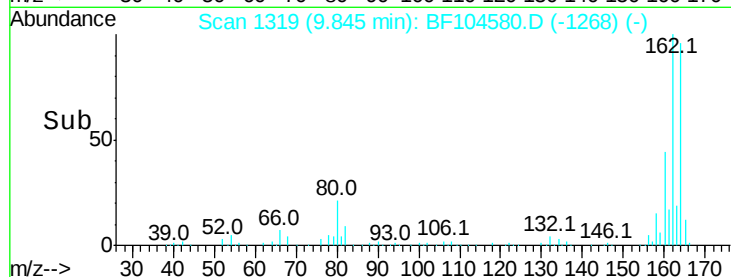
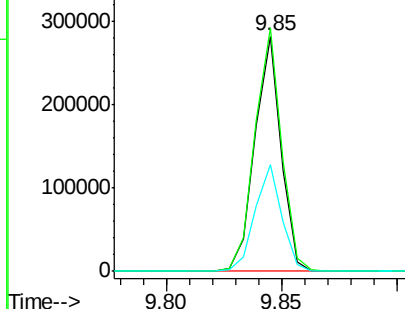
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.5	38.3	57.5



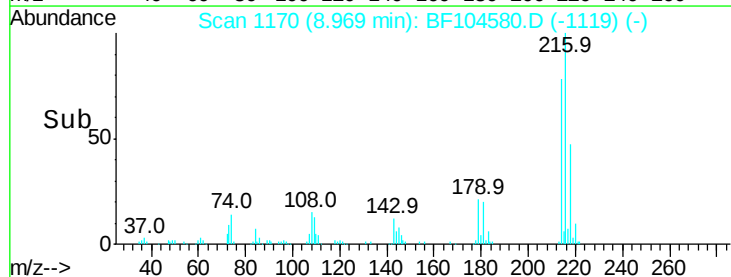
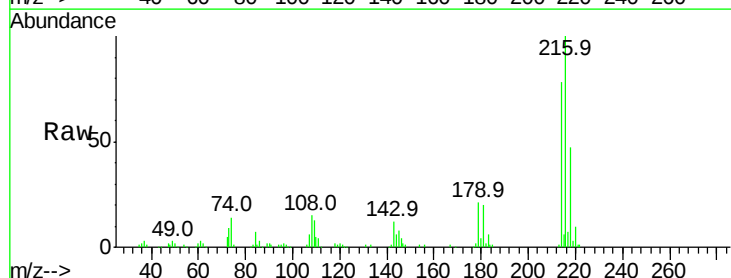
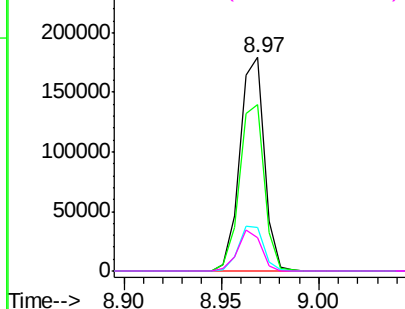
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

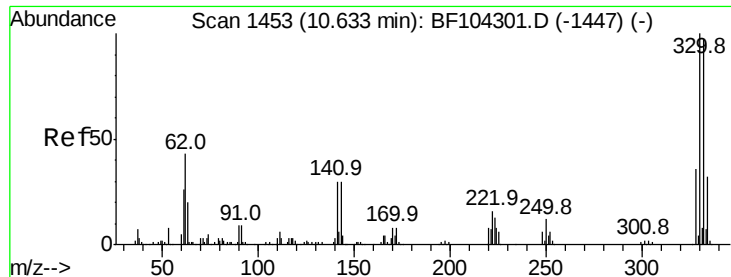


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.385 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.8	18.1	27.1
108	18.4	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

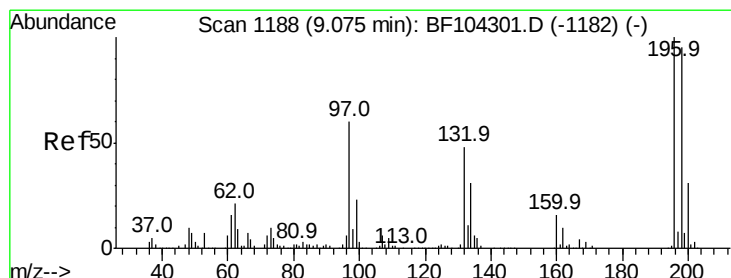
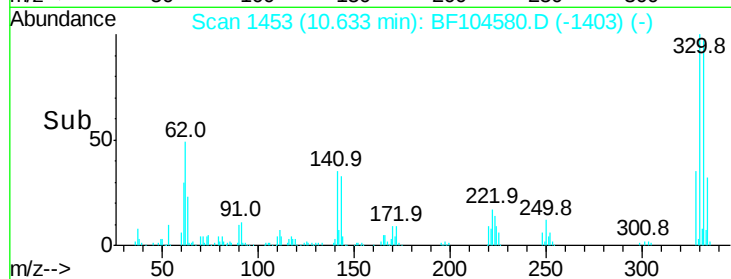
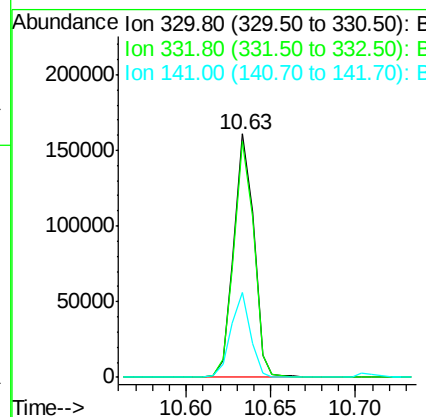
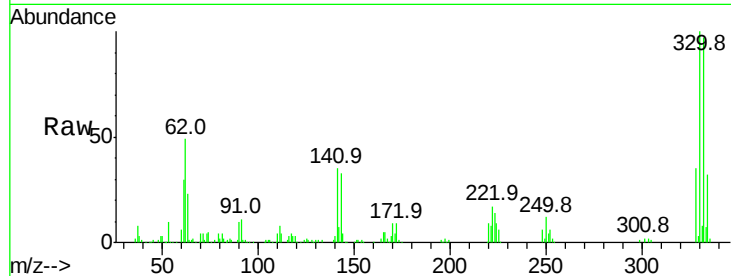




#41
 2,4,6-Tribromophenol
 Concen: 57.524 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

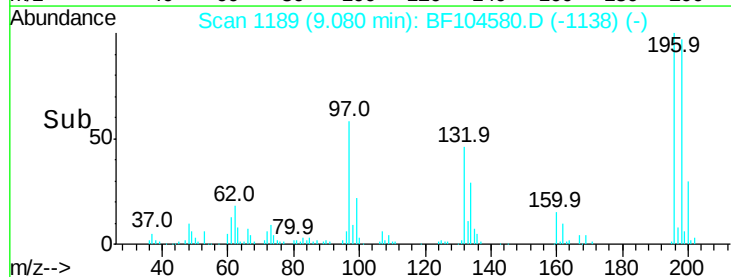
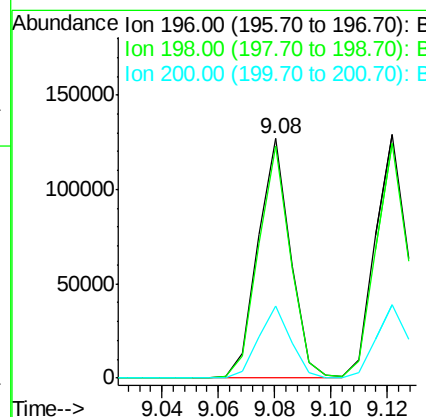
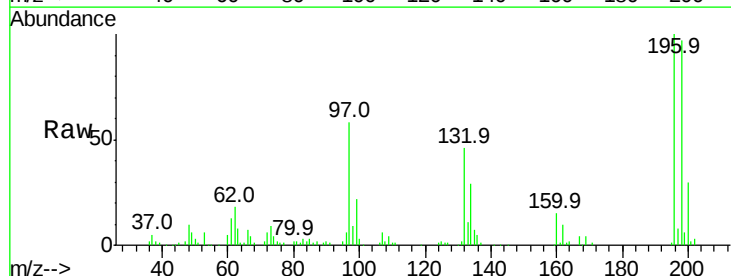
Instrument :
 BNA_F
 ClientSampled :

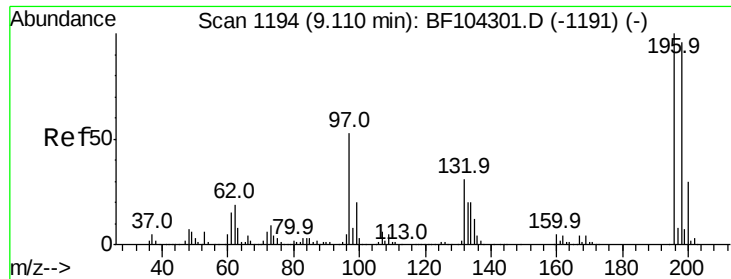
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 22.848 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	30.3	24.5	36.7

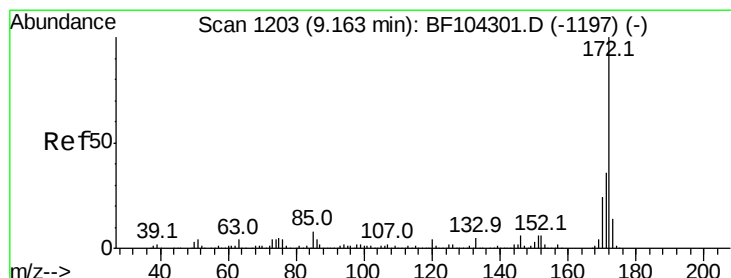
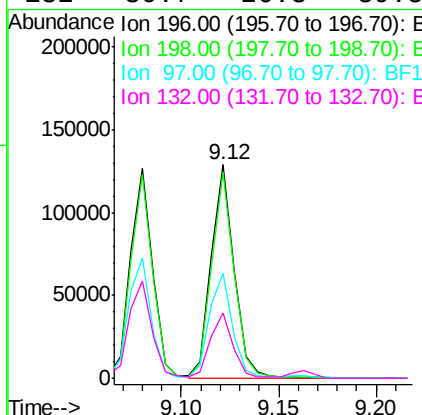
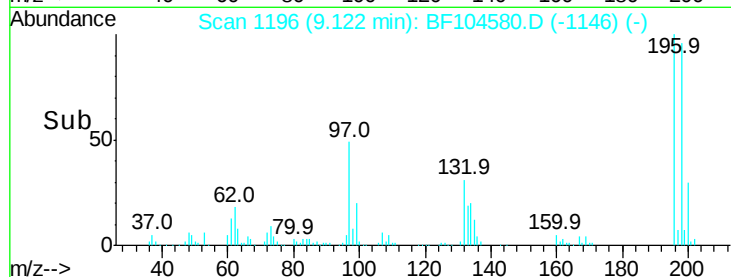
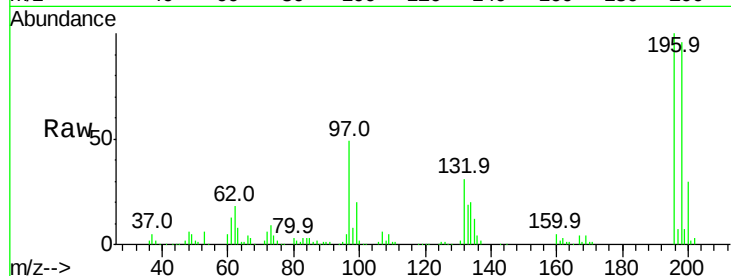




#43
 2,4,5-Trichlorophenol
 Concen: 21.168 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

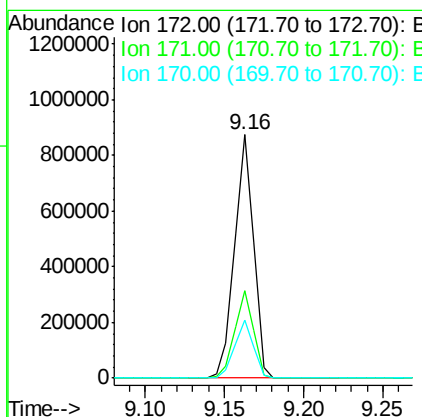
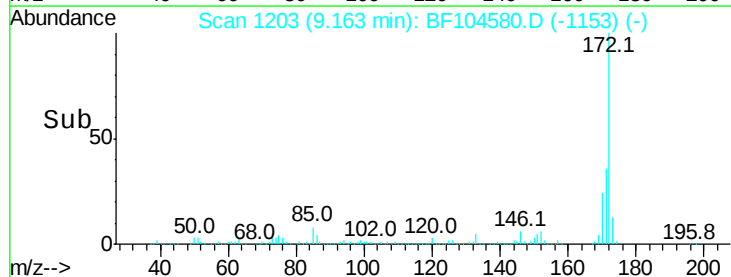
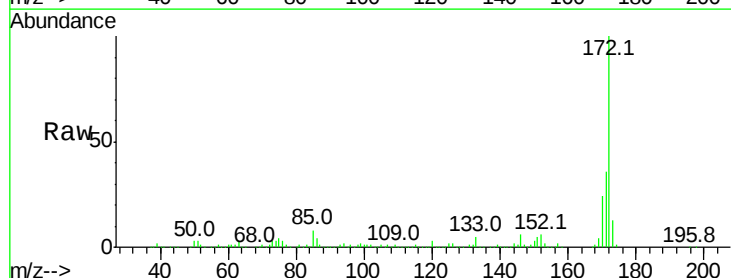
Instrument :
 BNA_F
 ClientSampleId :

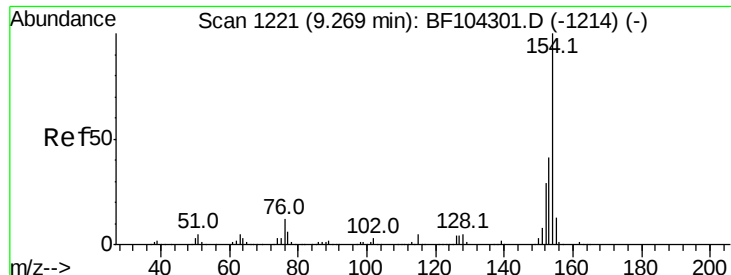
Tot Ion:	196	Resp:	105373
Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	49.4	42.9	64.3
132	30.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 51.590 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:	172	Resp:	731034
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 22.805 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

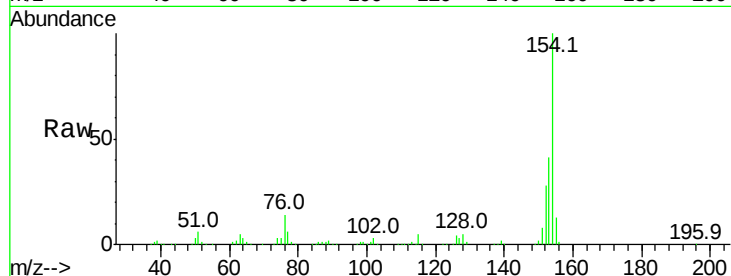
Tot Ion:154 Resp: 428849

Ion Ratio Lower Upper

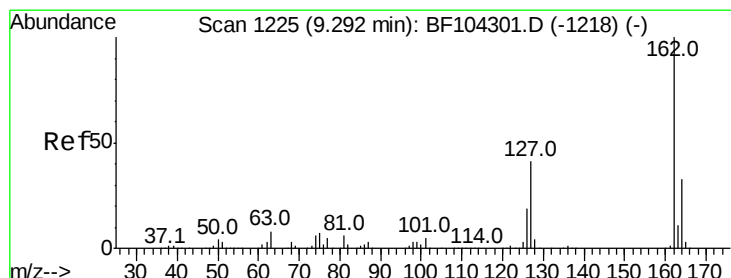
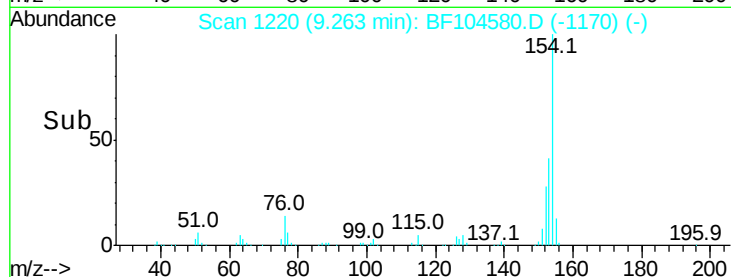
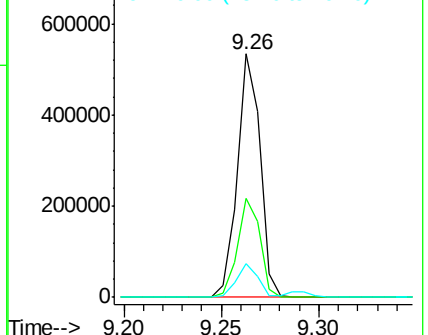
154 100

153 40.8 21.3 61.3

76 14.1 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: 22.053 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

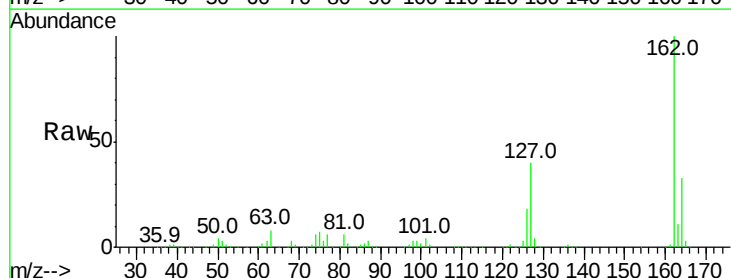
Tgt Ion:162 Resp: 327576

Ion Ratio Lower Upper

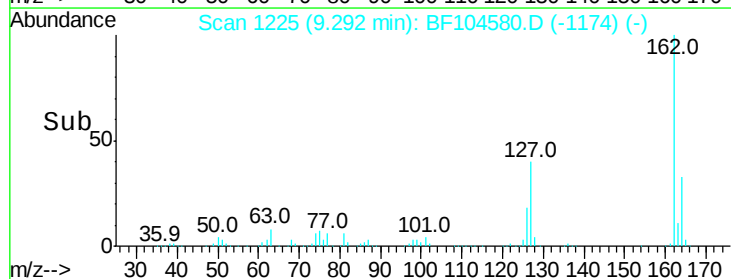
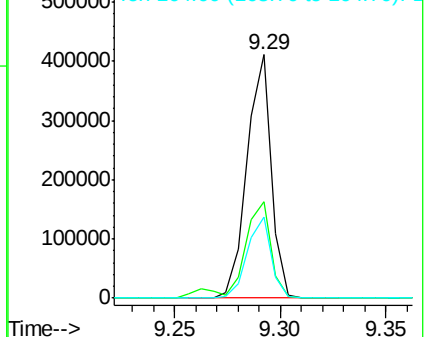
162 100

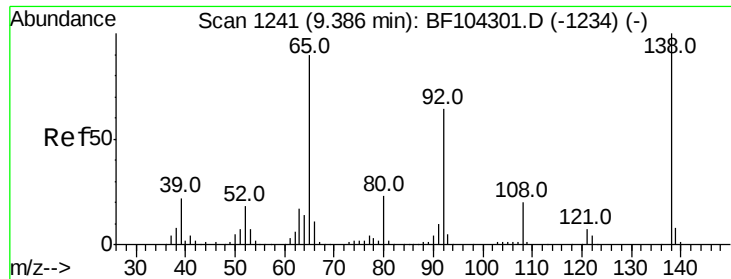
127 39.6 33.9 50.9

164 33.1 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

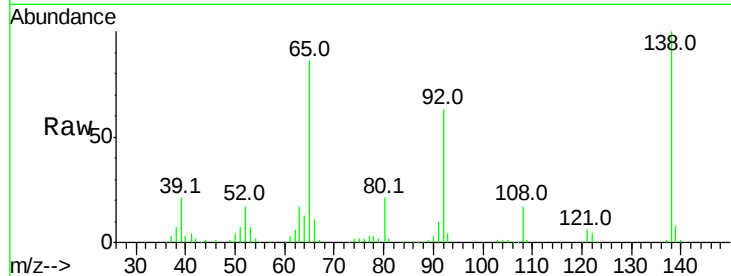




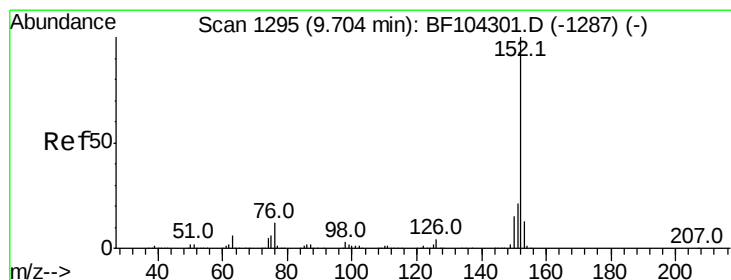
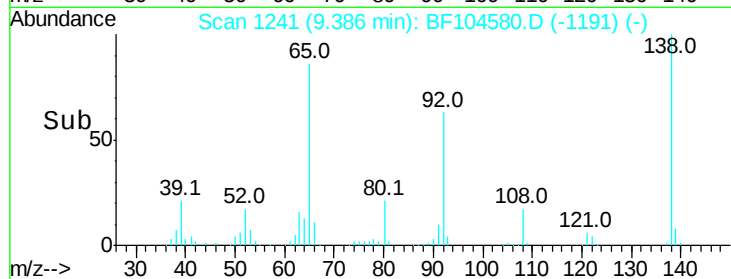
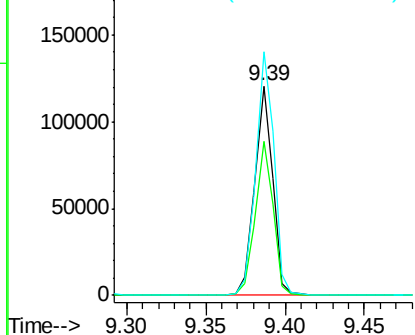
#47
 2-Nitroaniline
 Concen: 25.934 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 95266
 Ion Ratio Lower Upper
 65 100
 92 73.3 55.8 83.6
 138 116.2 91.2 136.8

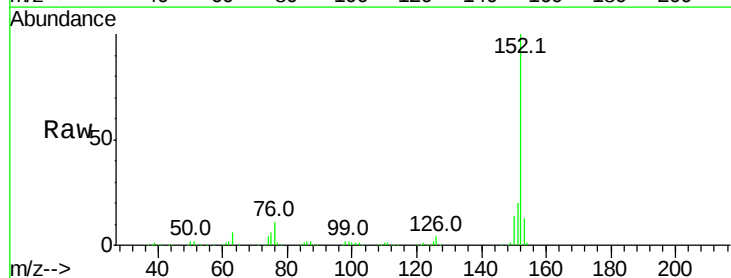


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

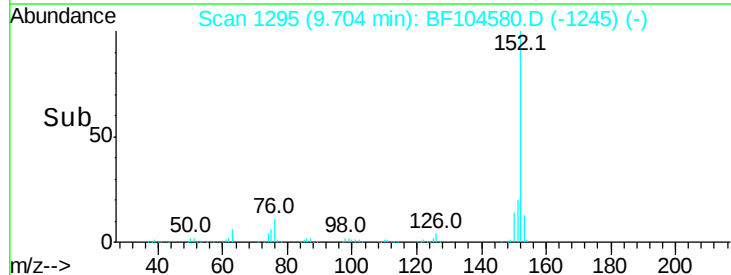
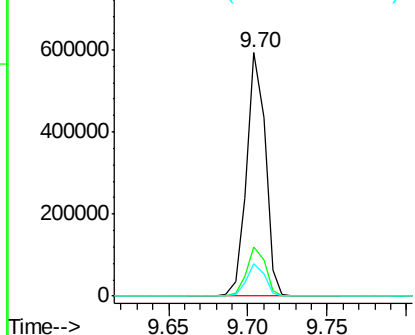


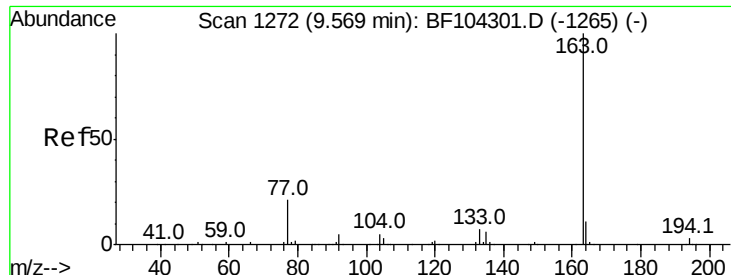
#48
 Acenaphthylene
 Concen: 20.784 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:152 Resp: 484378
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.3 24.5
 153 13.1 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: 25.077 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

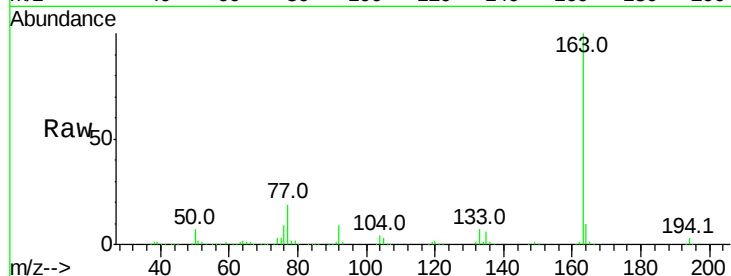
Tot Ion:163 Resp: 442675

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

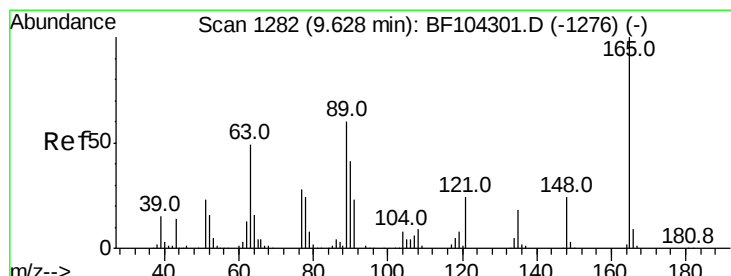
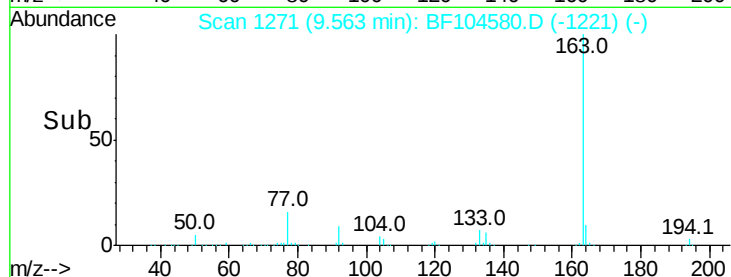
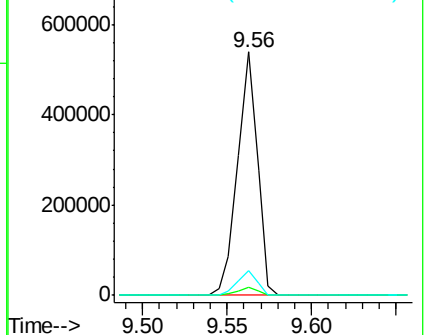
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.166 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

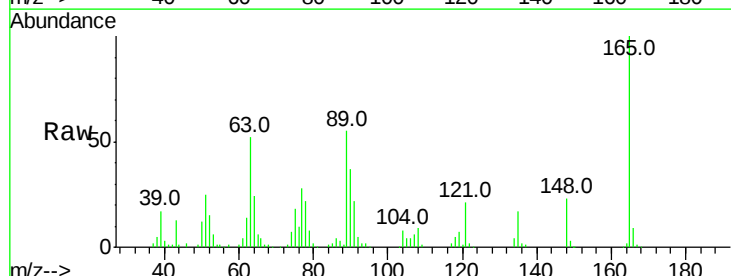
Tgt Ion:165 Resp: 78937

Ion Ratio Lower Upper

165 100

63 51.9 44.7 67.1

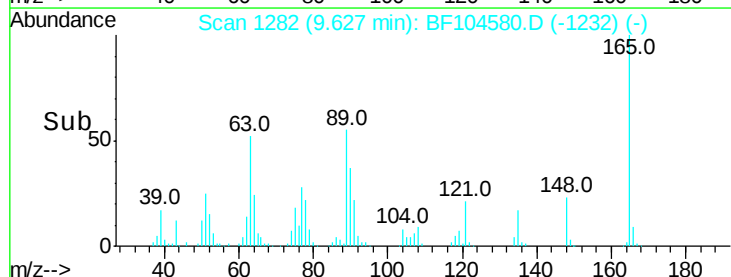
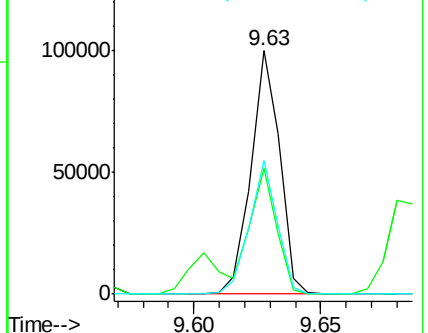
89 55.0 44.0 66.0

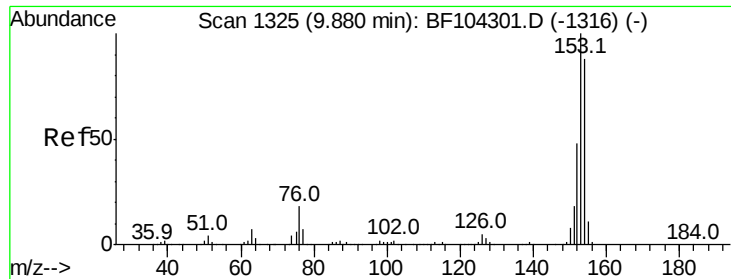


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 19.646 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

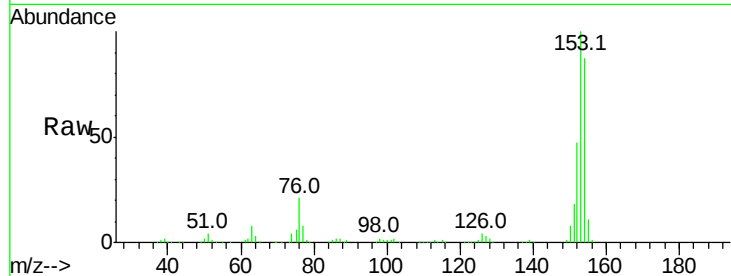
Tot Ion:154 Resp: 279357

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

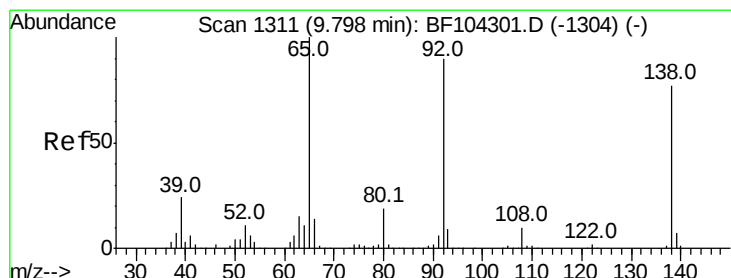
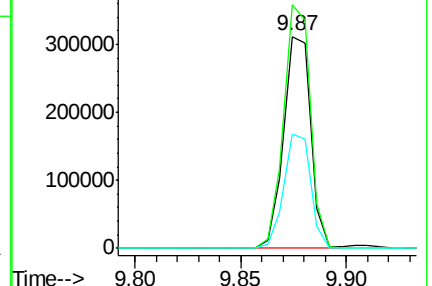
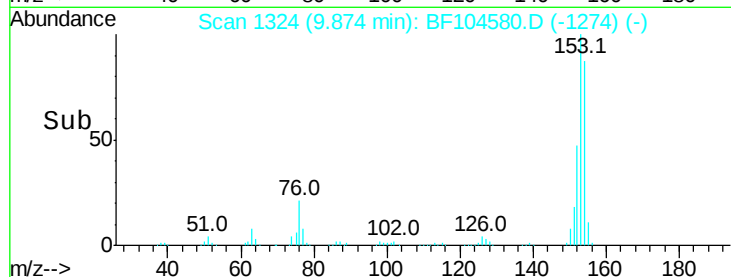
152 54.1 43.8 65.8



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: 18.479 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

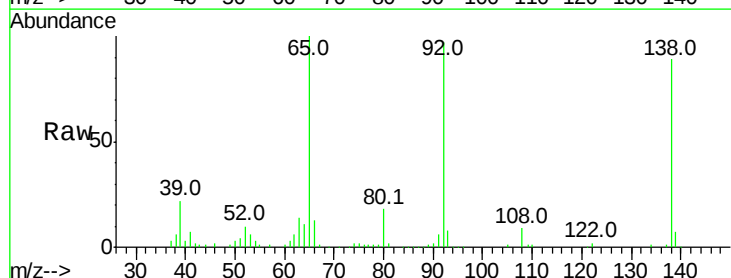
Tgt Ion:138 Resp: 70663

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

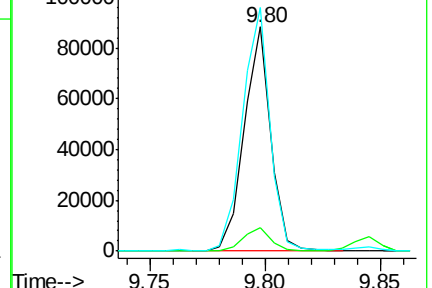
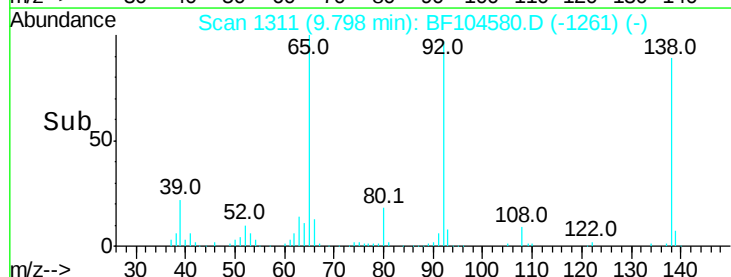
92 108.6 89.4 134.2

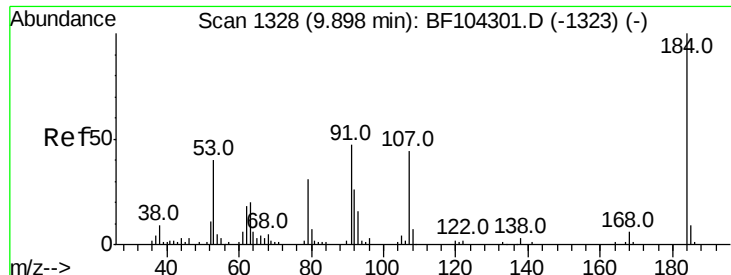


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

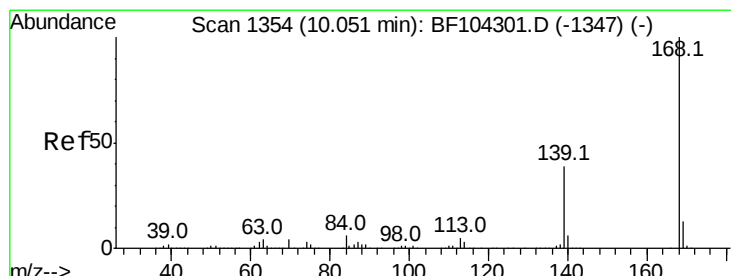
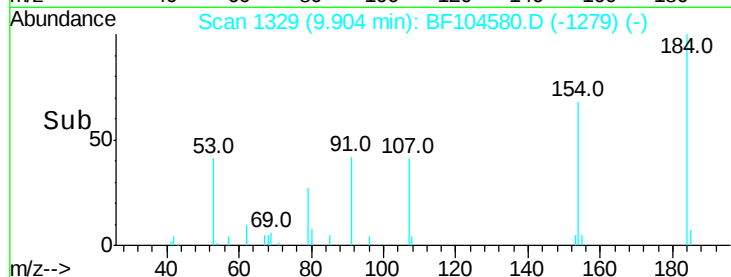
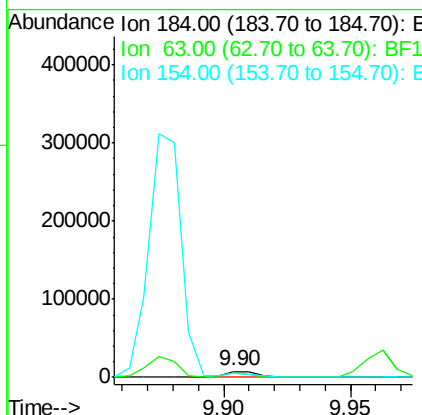
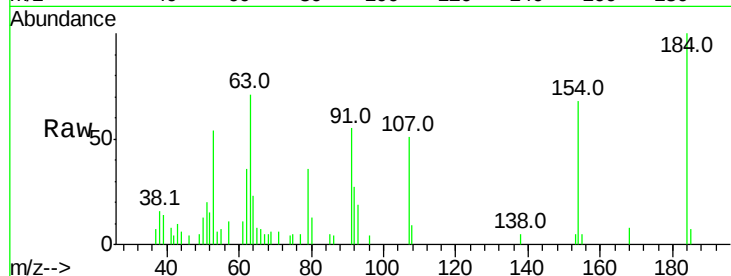




#53
 2,4-Dinitrophenol
 Concen: 13.286 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

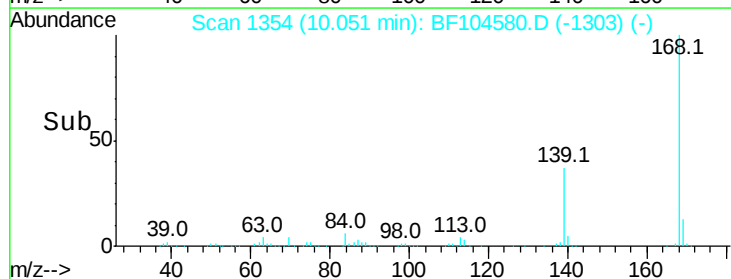
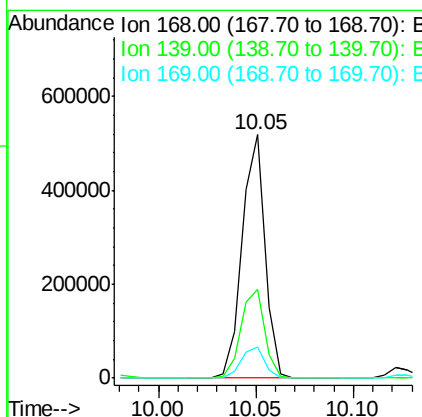
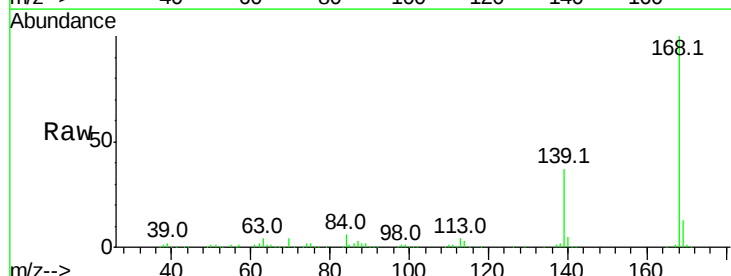
Instrument :
 BNA_F
 ClientSampleId :

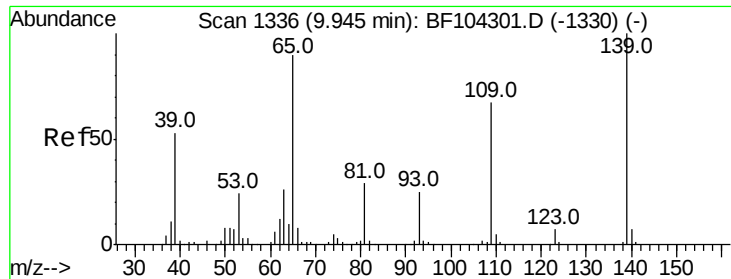
Tot Ion:184 Resp: 7712
 Ion Ratio Lower Upper
 184 100
 63 70.7 54.2 81.2
 154 67.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 21.281 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:168 Resp: 421714
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.1 45.1
 169 12.9 10.9 16.3

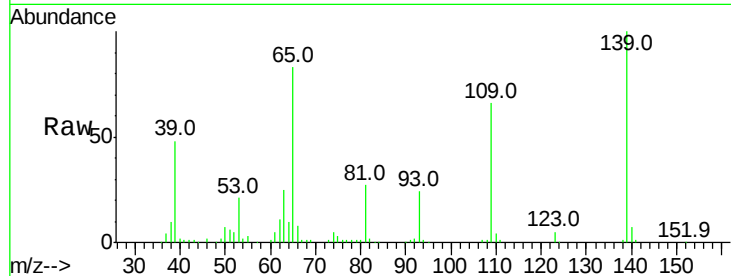




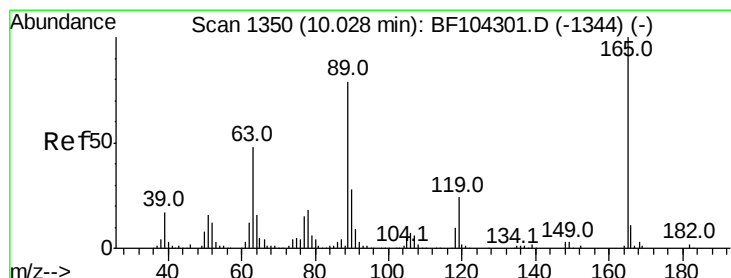
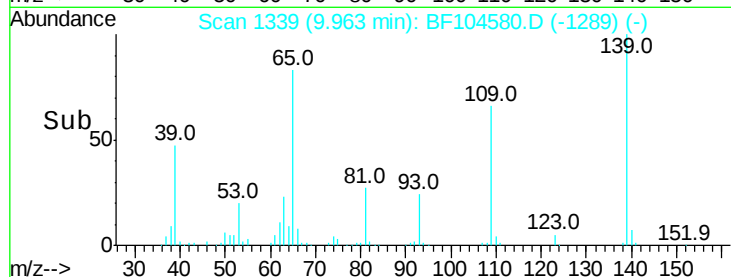
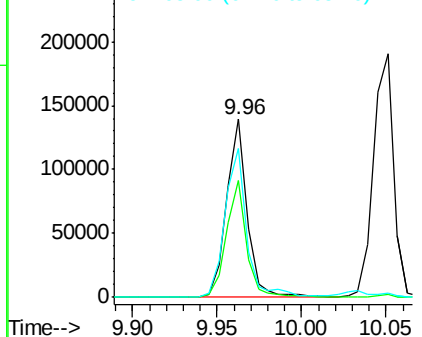
#55
4-Nitrophenol
Concen: 39.246 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 117889
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 83.4 72.6 112.6

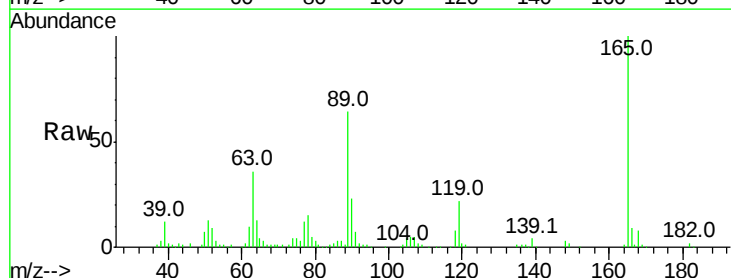


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

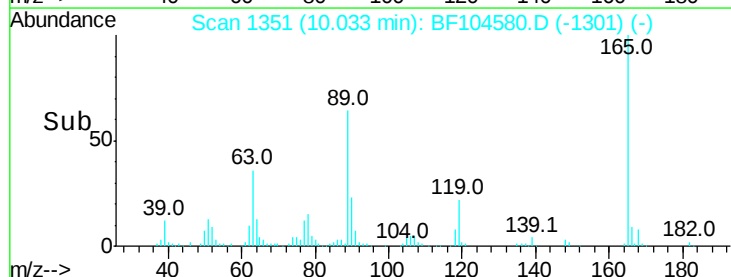
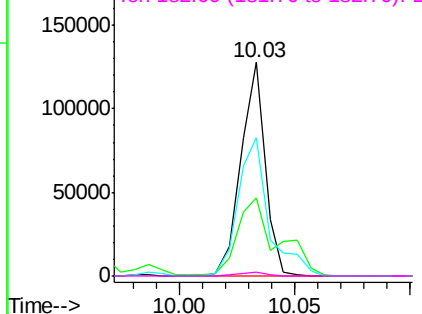


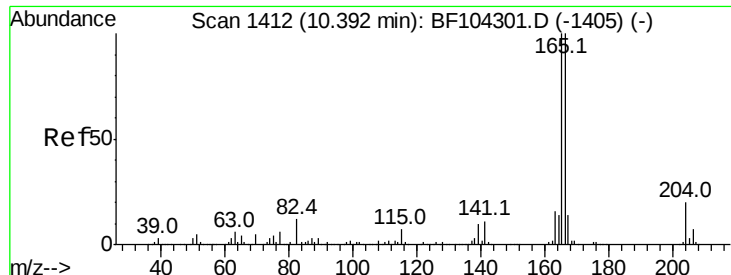
#56
2,4-Dinitrotoluene
Concen: 21.921 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:165 Resp: 93923
Ion Ratio Lower Upper
165 100
63 36.3 36.4 54.6#
89 64.4 57.8 86.6
182 2.0 1.6 2.4



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

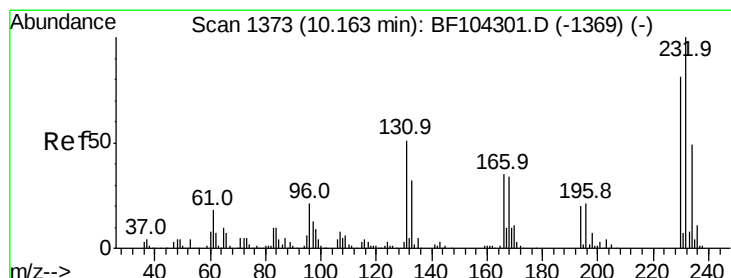
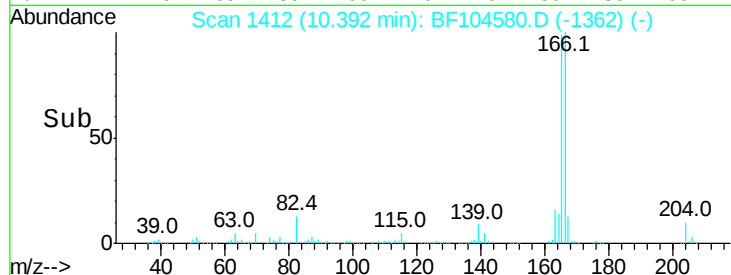
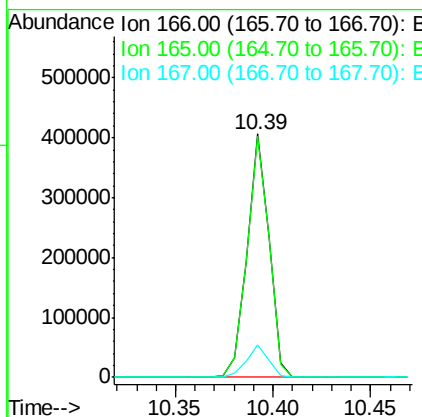
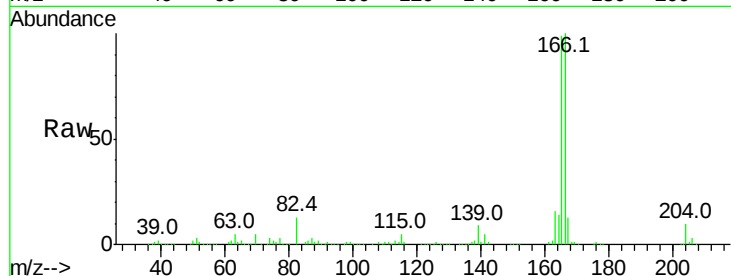




#57
 Fluorene
 Concen: 21.891 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

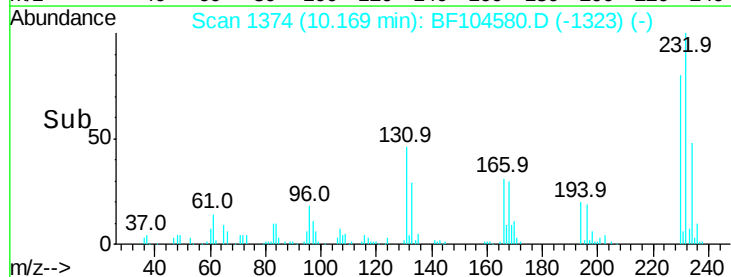
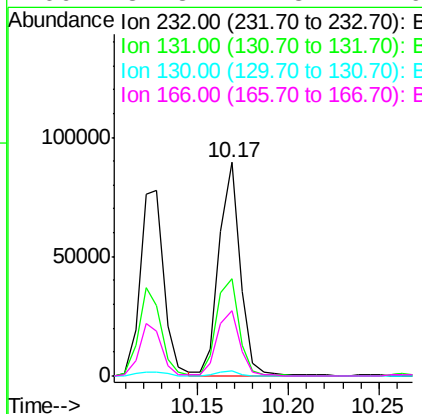
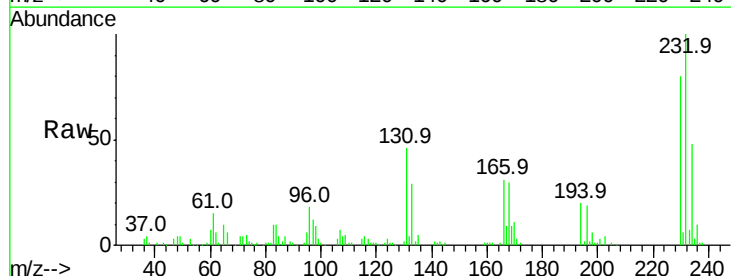
Instrument :
 BNA_F
 ClientSampleId :

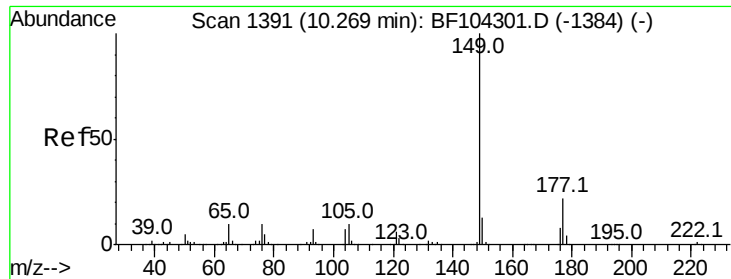
Tot Ion:166 Resp: 315741
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.823 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:232 Resp: 73615
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 2.2 2.1 3.1
 166 32.3 27.8 41.6

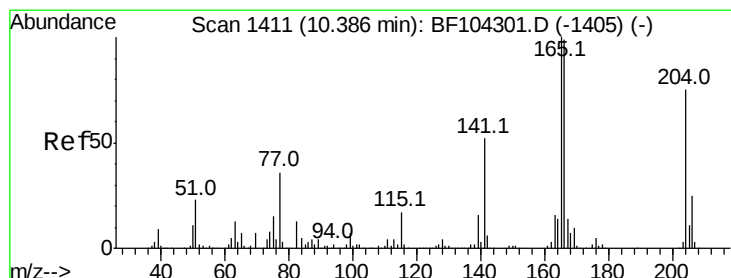
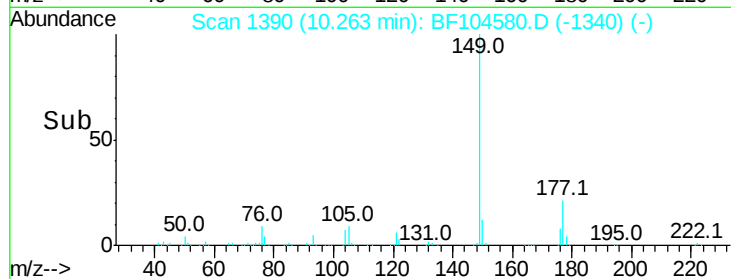
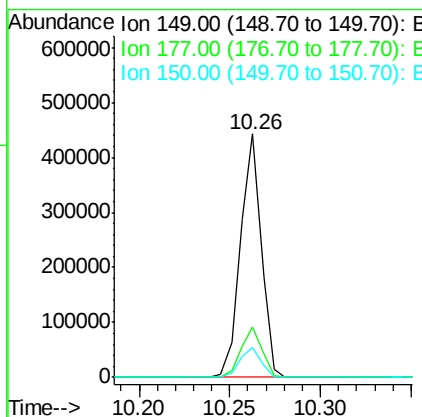
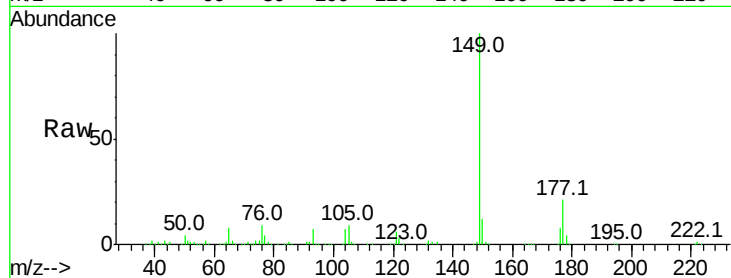




#59
Diethylphthalate
Concen: 20.089 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

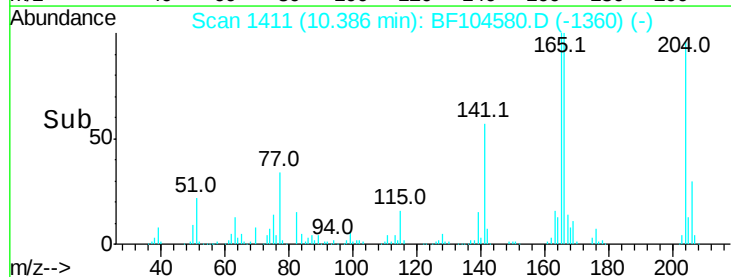
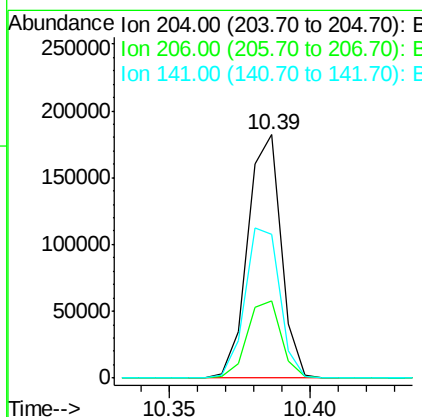
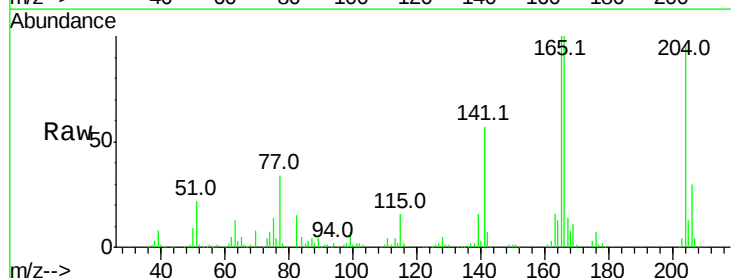
Instrument :
BNA_F
ClientSampled :

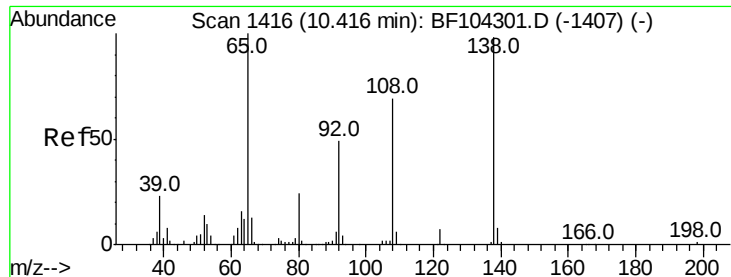
Tot Ion:149 Resp: 353190
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 23.257 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:204 Resp: 149390
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 59.2 54.6 81.8

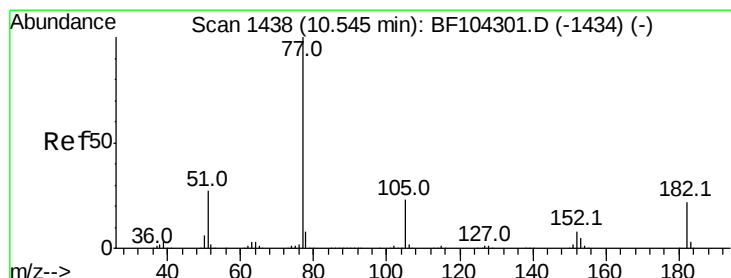
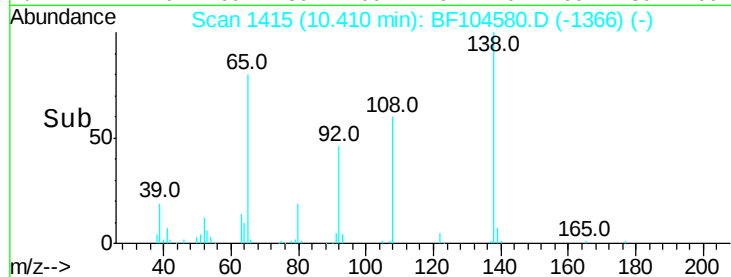
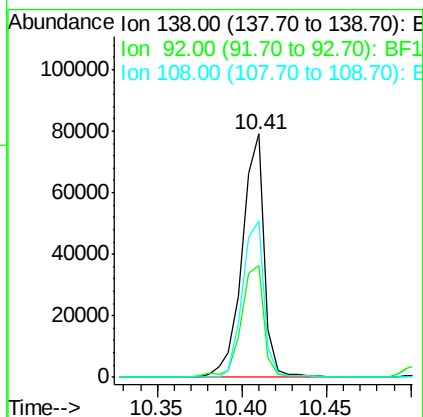
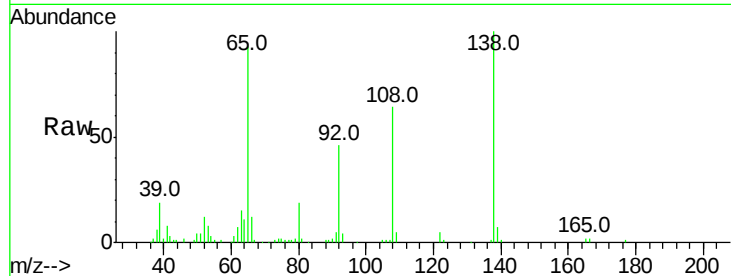




#61
4-Nitroaniline
Concen: 19.315 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

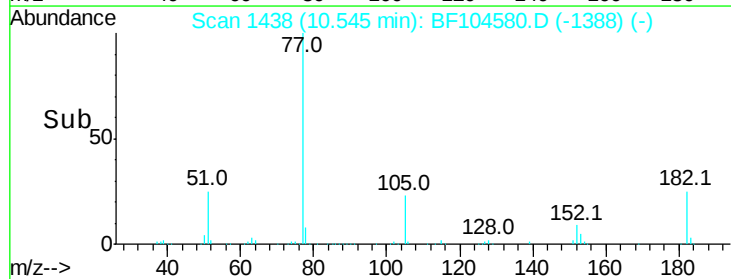
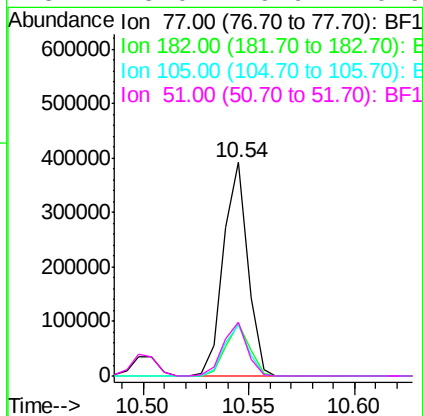
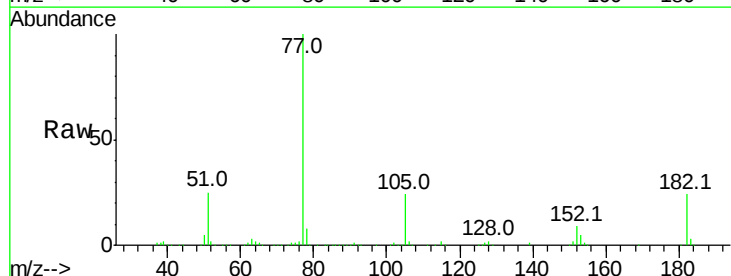
Instrument :
BNA_F
ClientSampled :

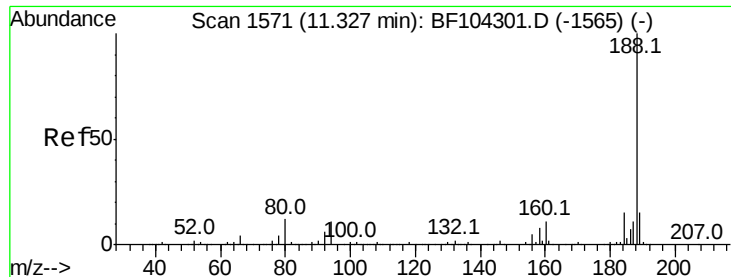
Tot Ion:138 Resp: 72219
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 64.3 52.5 92.5



#62
Azobenzene
Concen: 18.559 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion: 77 Resp: 311725
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 24.2 3.0 43.0
51 25.0 9.9 49.9

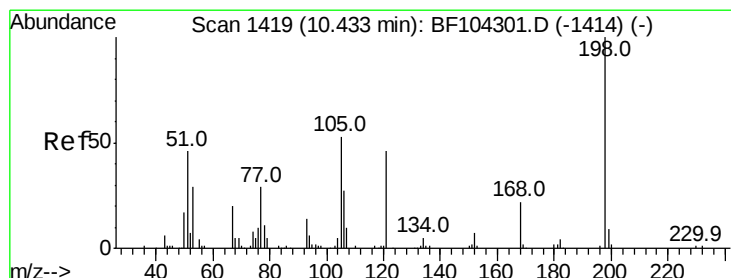
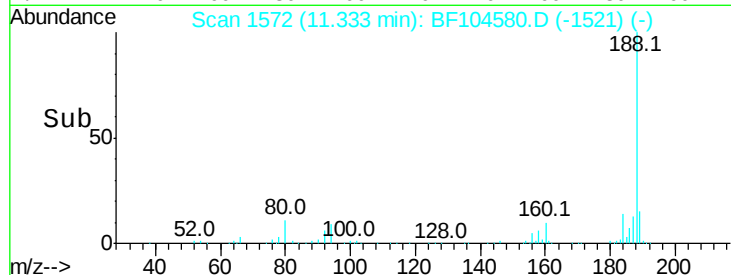
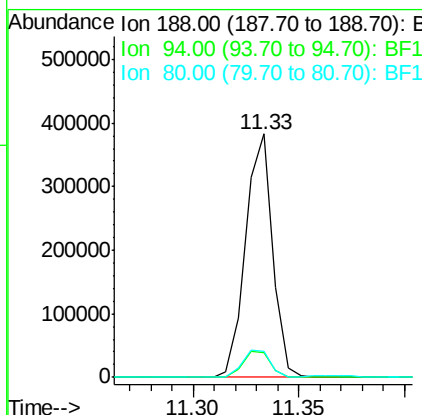
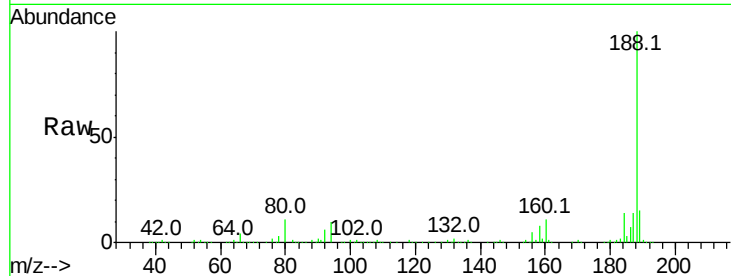




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

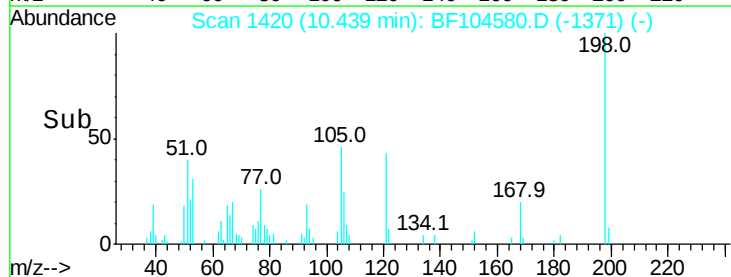
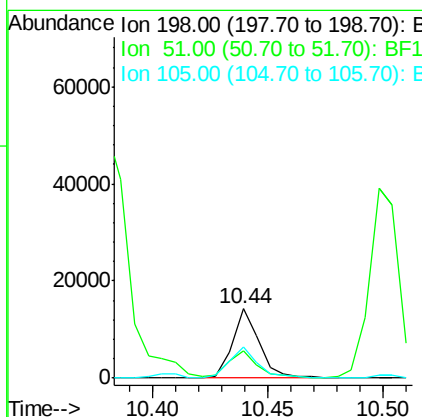
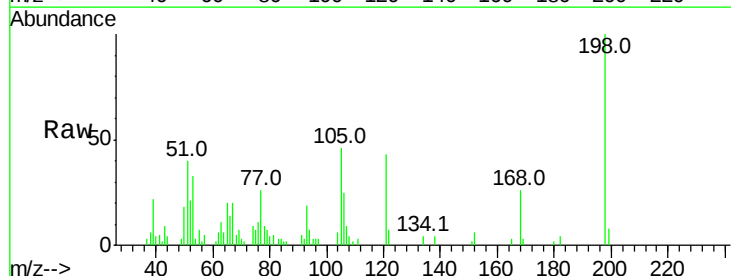
Instrument :
 BNA_F
 ClientSampleId :

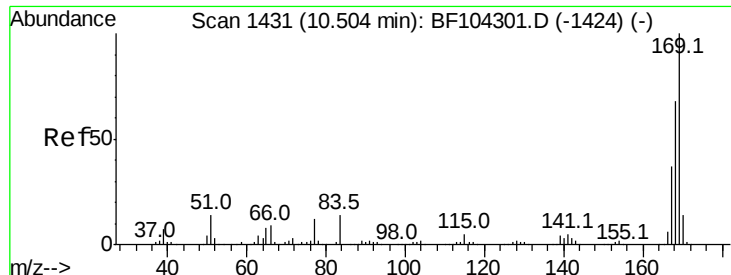
Tot Ion:188 Resp: 338150
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.273 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:198 Resp: 11523
 Ion Ratio Lower Upper
 198 100
 51 40.5 37.7 77.7
 105 45.9 36.3 76.3

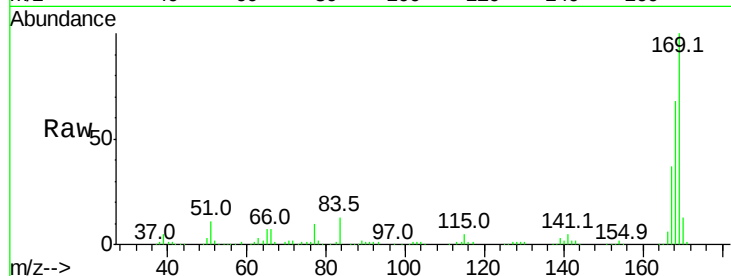




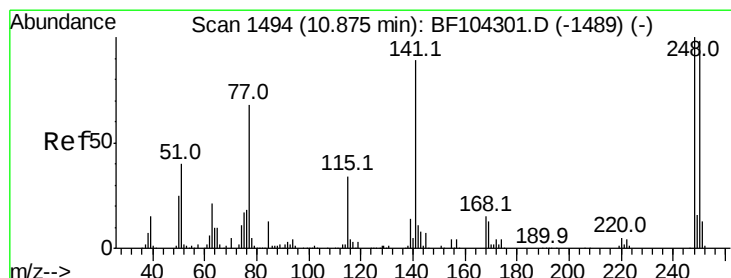
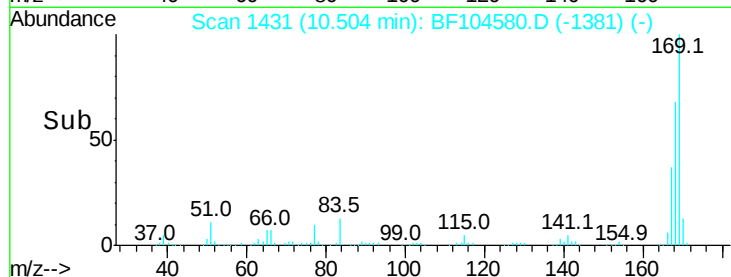
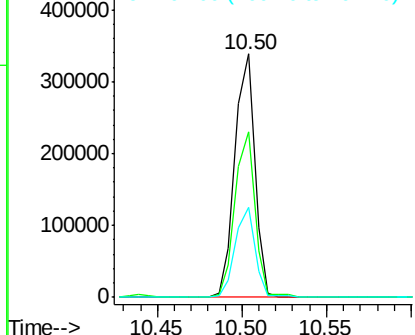
#65
 n-Nitrosodiphenylamine
 Concen: 23.751 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 278473
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 37.1 29.8 44.6

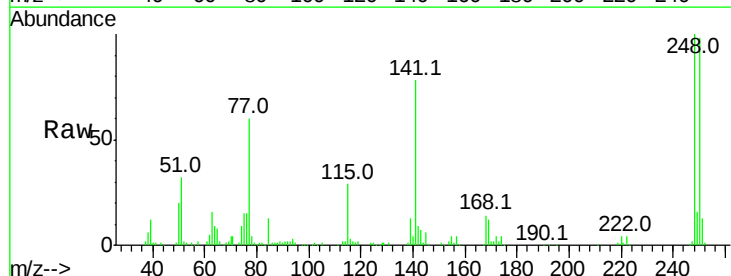


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

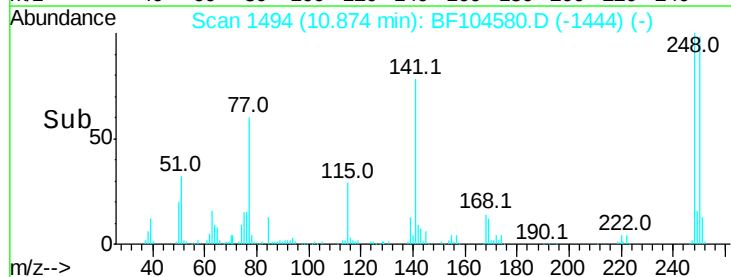
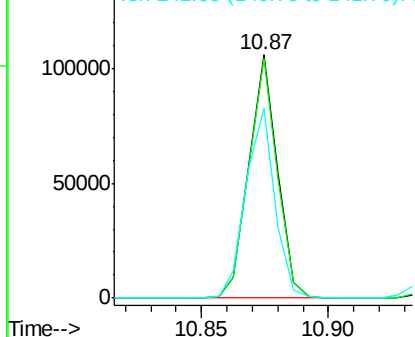


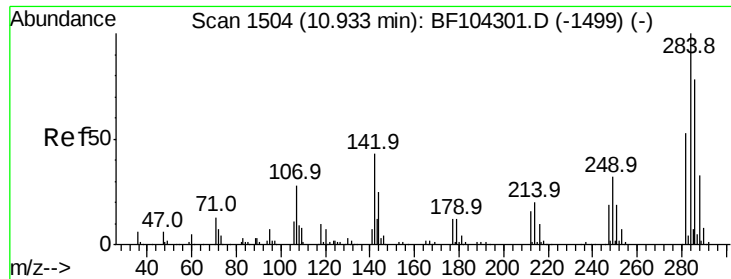
#66
 4-Bromophenyl-phenylether
 Concen: 23.126 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:248 Resp: 83182
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 77.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

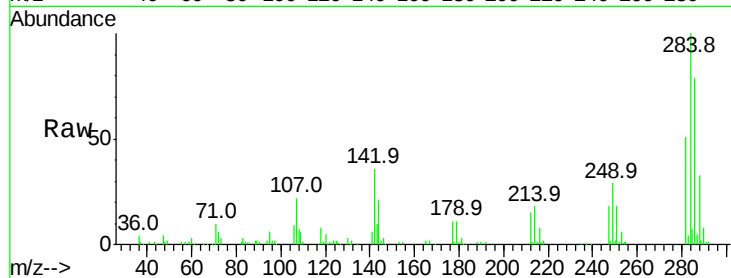




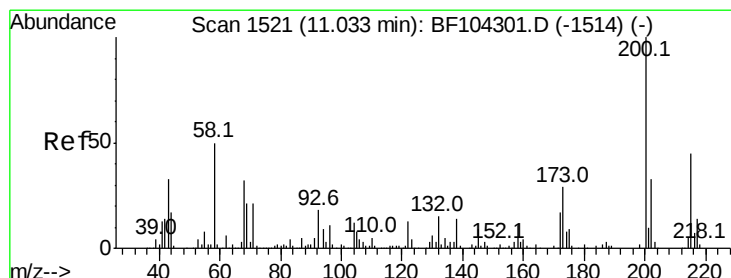
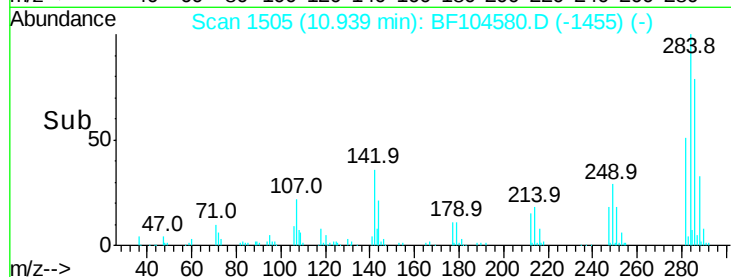
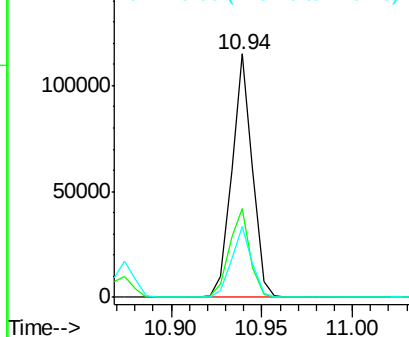
#67
Hexachlorobenzene
Concen: 22.324 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 90349
Ion Ratio Lower Upper
284 100
142 36.3 34.6 52.0
249 29.1 24.8 37.2

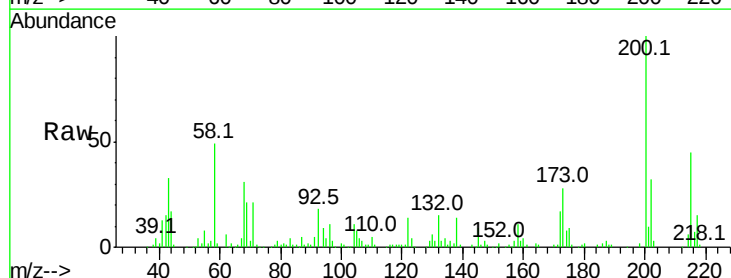


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

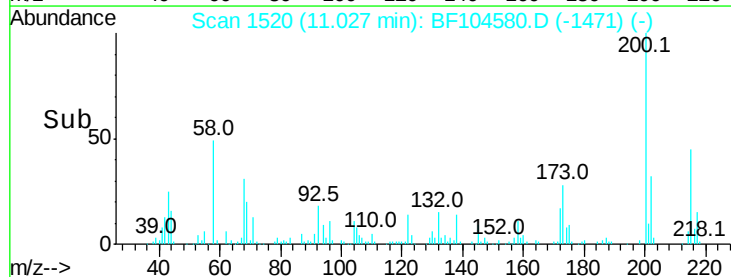
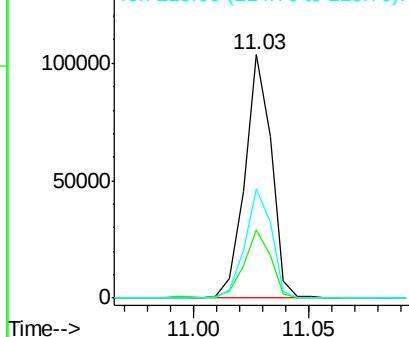


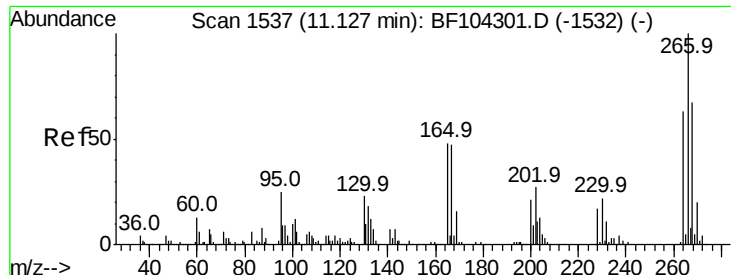
#68
Atrazine
Concen: 23.460 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:200 Resp: 83025
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 44.8 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

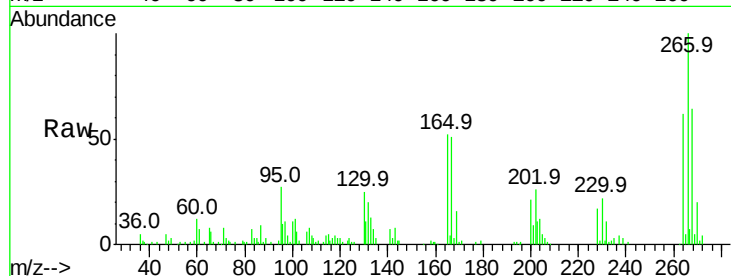




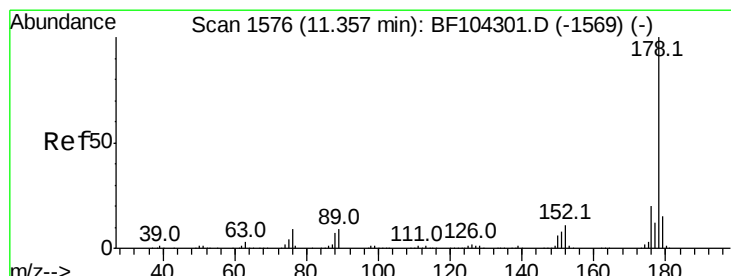
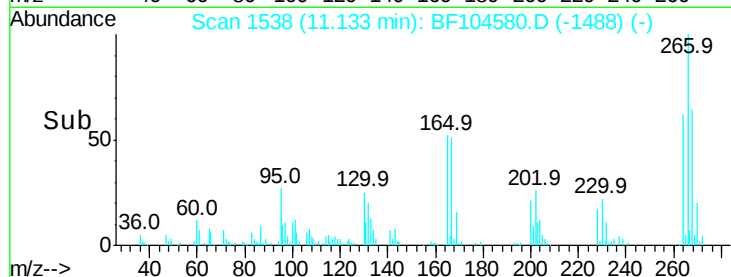
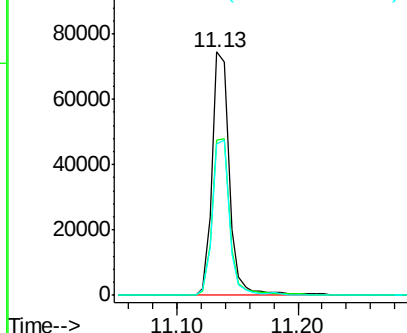
#69
 Pentachlorophenol
 Concen: 29.340 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 73461
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.4 49.5 74.3

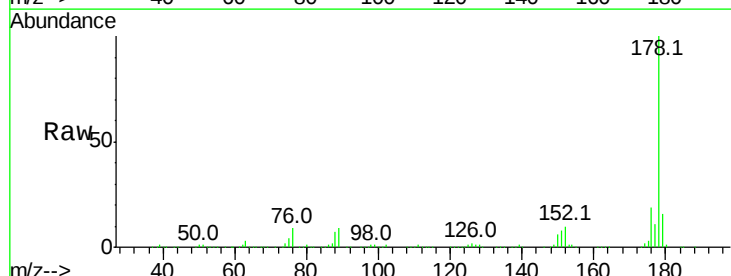


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

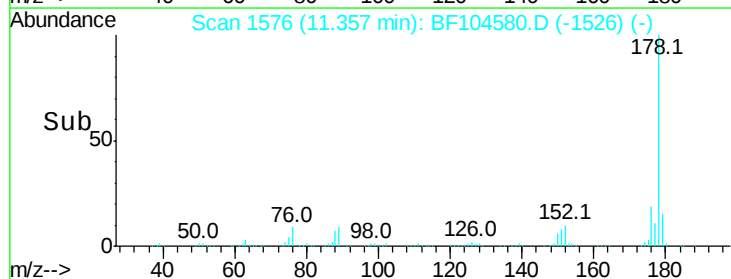
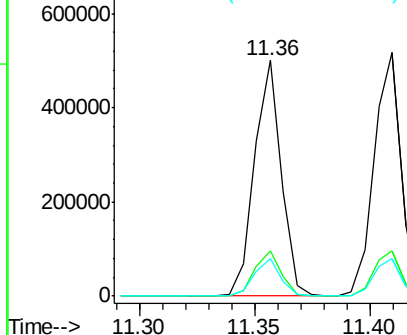


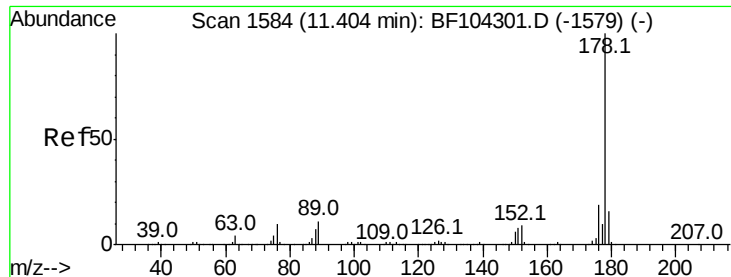
#70
 Phenanthrene
 Concen: 21.612 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:178 Resp: 406988
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 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

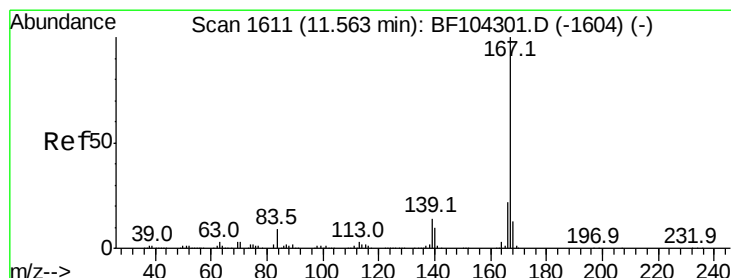
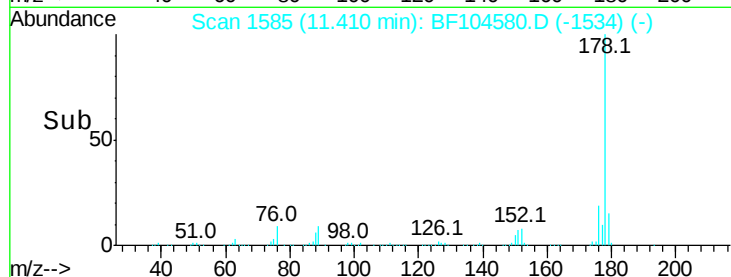
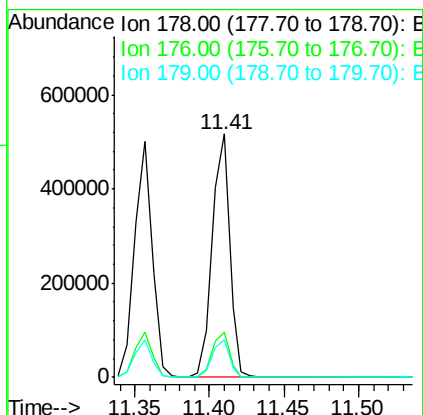
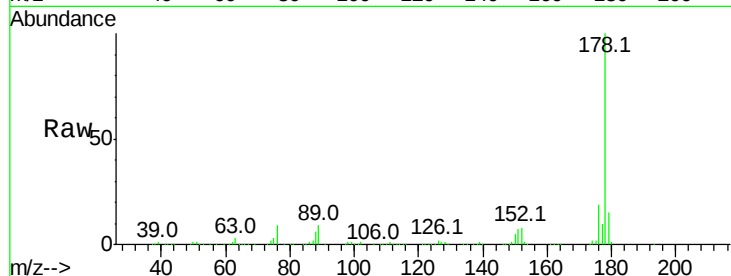




#71
 Anthracene
 Concen: 21.985 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

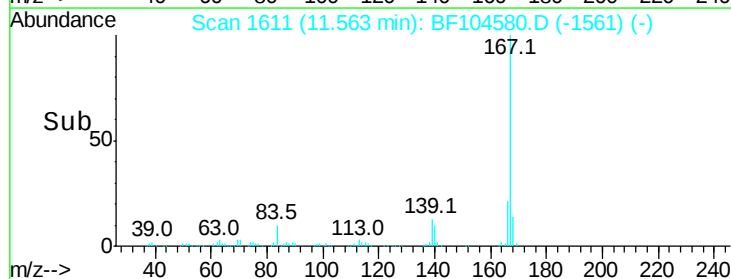
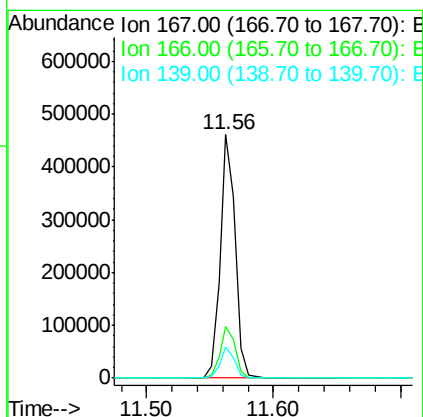
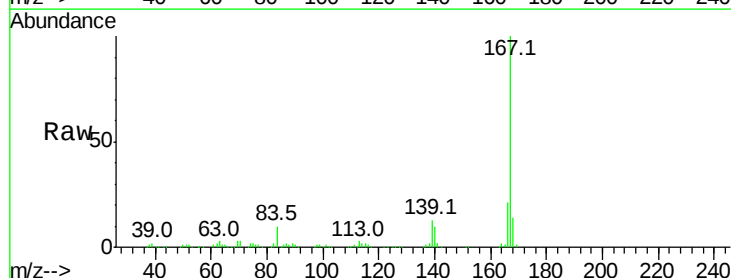
Instrument :
 BNA_F
 ClientSampleId :

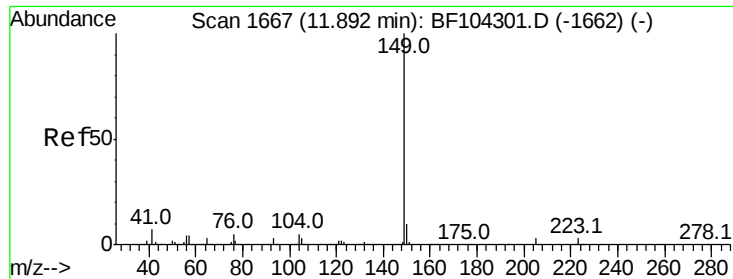
Tot Ion:178 Resp: 420844
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 20.399 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:167 Resp: 381571
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 21.676 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

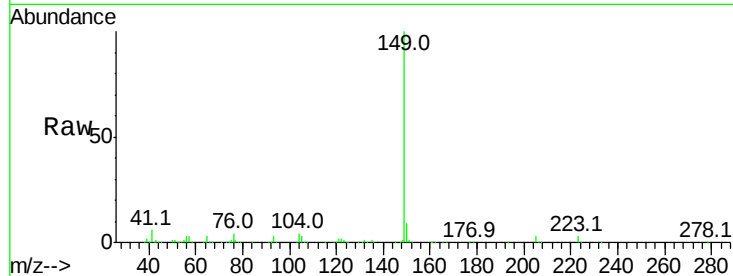
Tot Ion:149 Resp: 495291

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

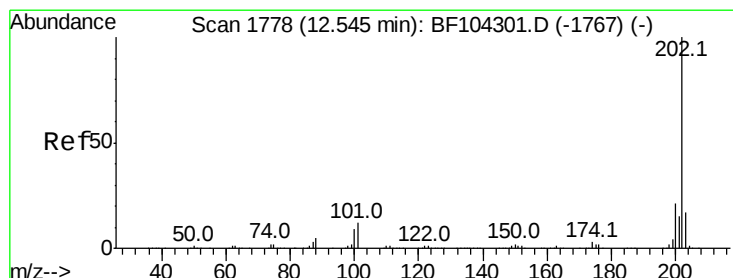
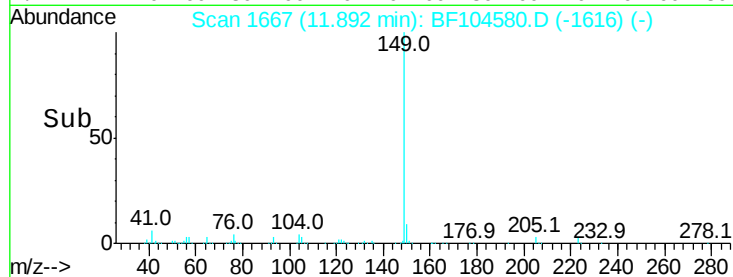
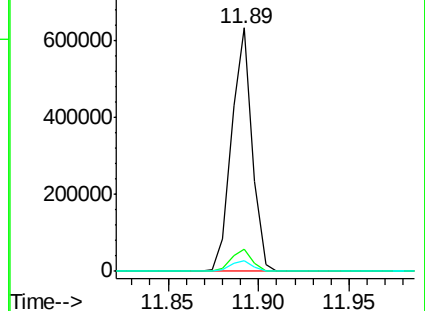
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.584 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

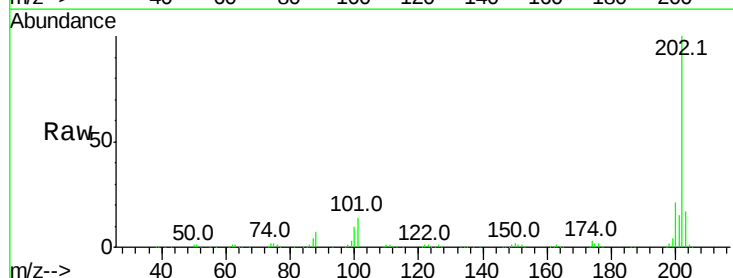
Tgt Ion:202 Resp: 404988

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

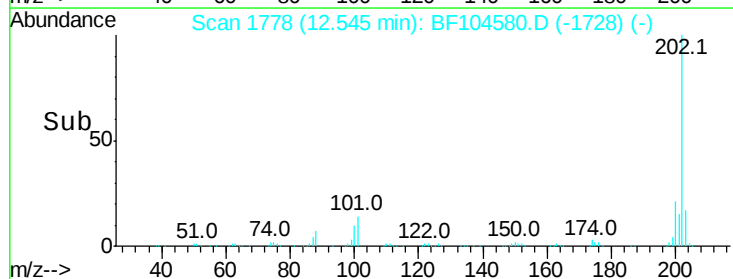
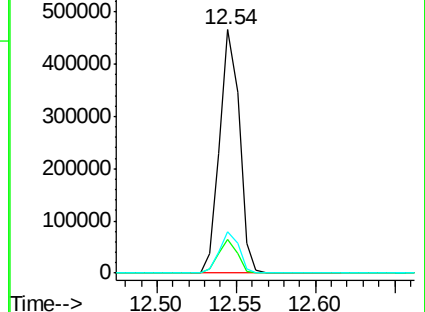
203 17.3 0.0 38.1

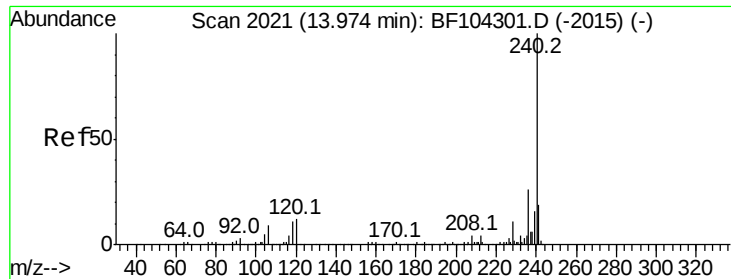


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

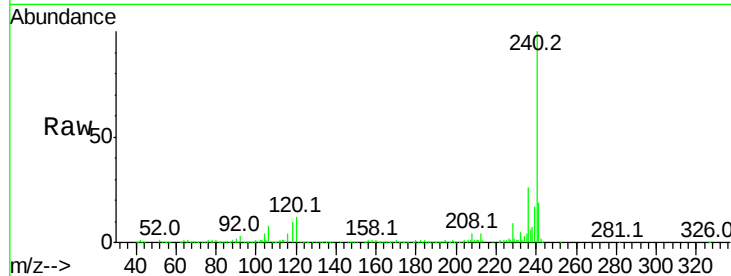
Tot Ion:240 Resp: 277629

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

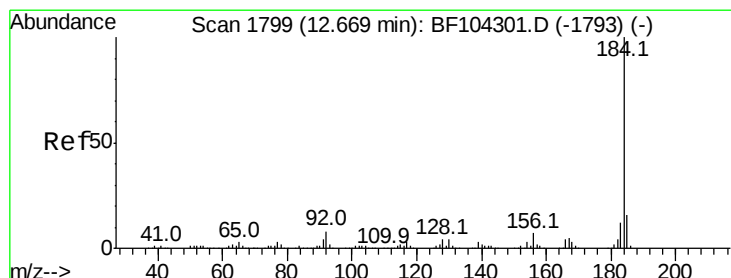
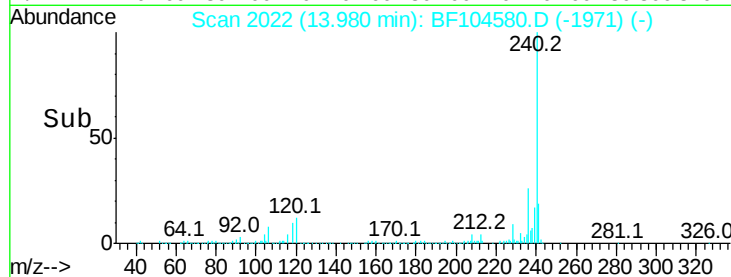
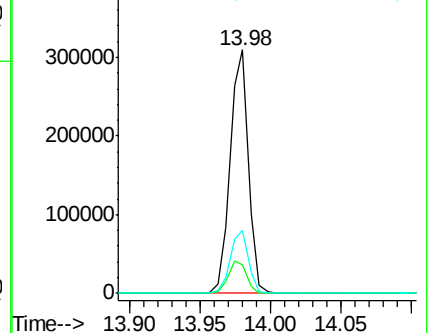
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.674 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

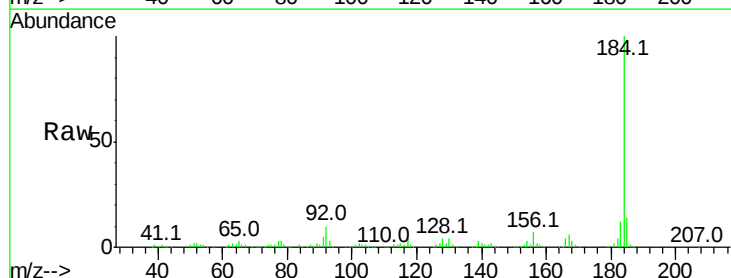
Tgt Ion:184 Resp: 278838

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

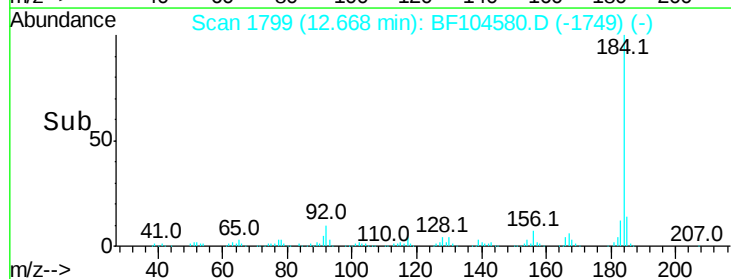
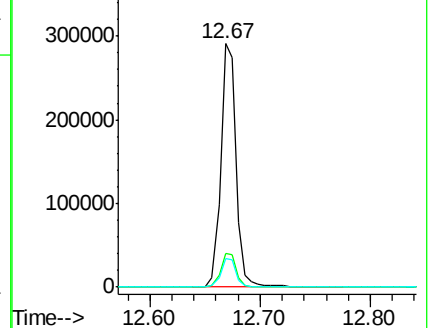
183 12.0 9.3 13.9

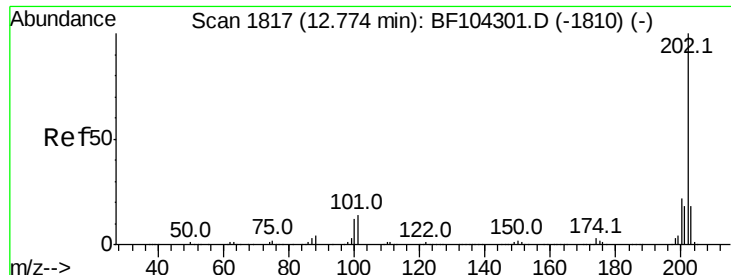


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

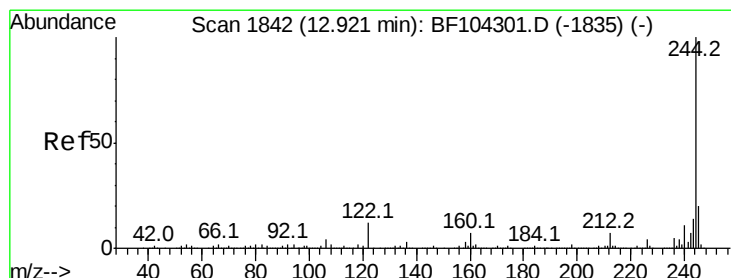
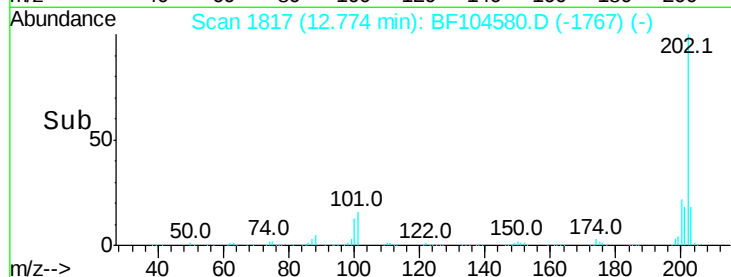
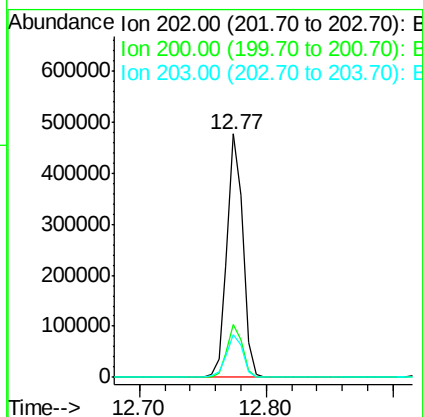
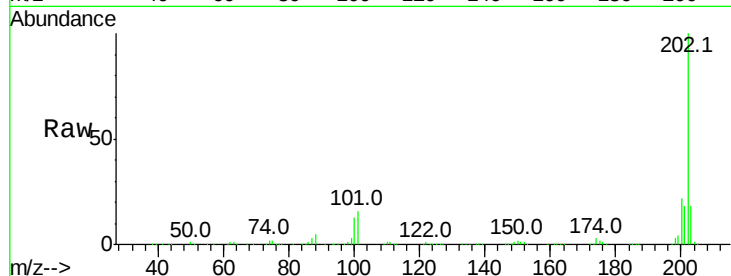




#77
 Pvrene
 Concen: 20.126 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

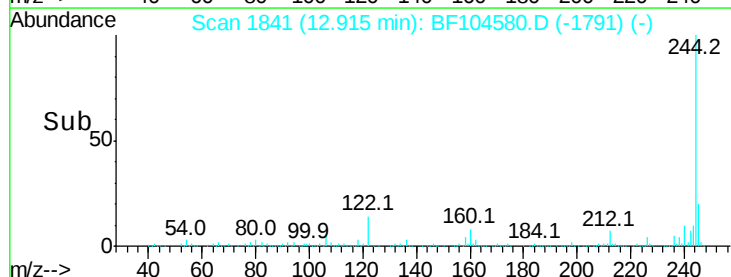
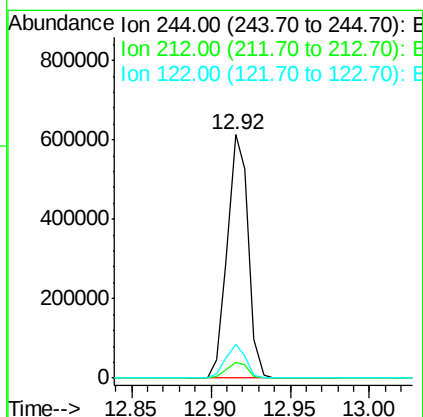
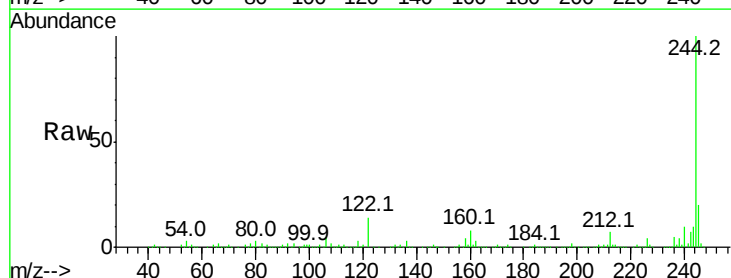
Instrument :
 BNA_F
 ClientSampleId :

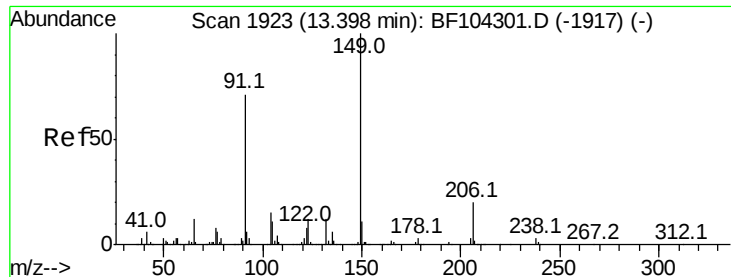
Tot Ion:202 Resp: 414170
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 45.833 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:244 Resp: 558135
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 14.1 11.0 16.4

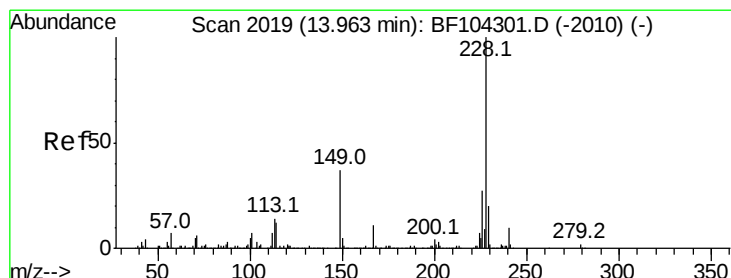
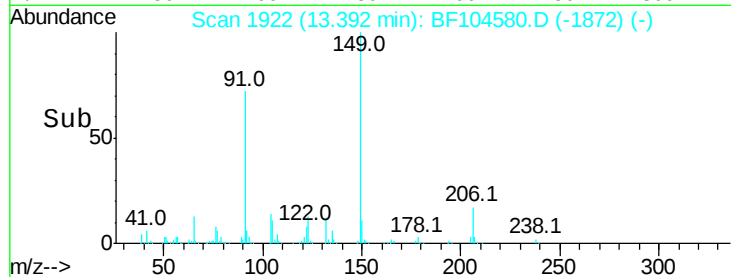
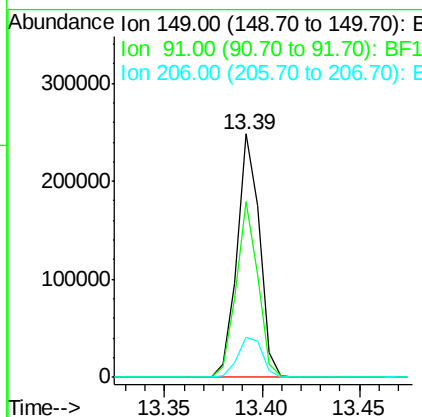
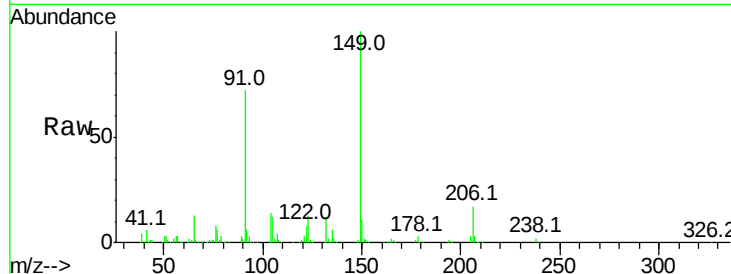




#79
Butylbenzylphthalate
Concen: 20.427 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

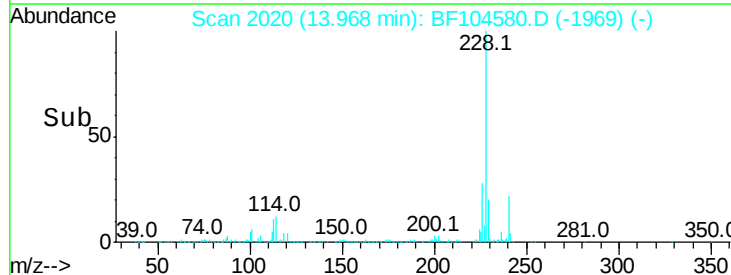
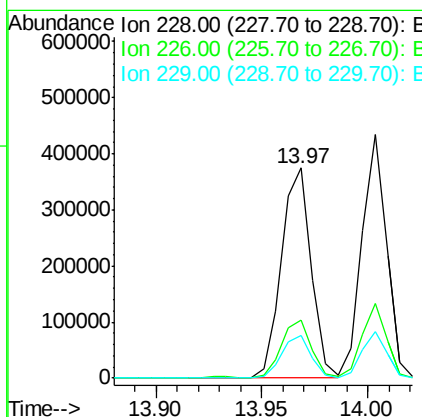
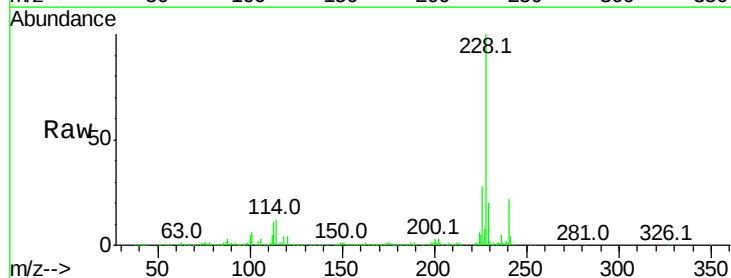
Instrument :
BNA_F
ClientSampleId :

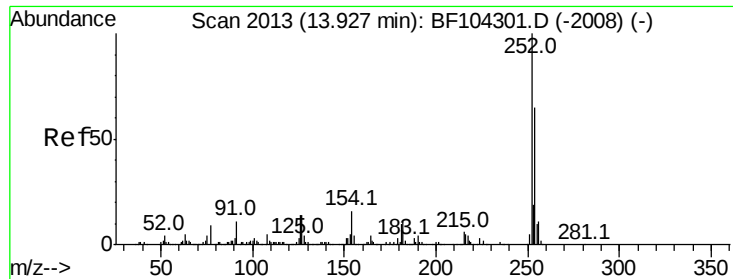
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	16.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 22.267 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6

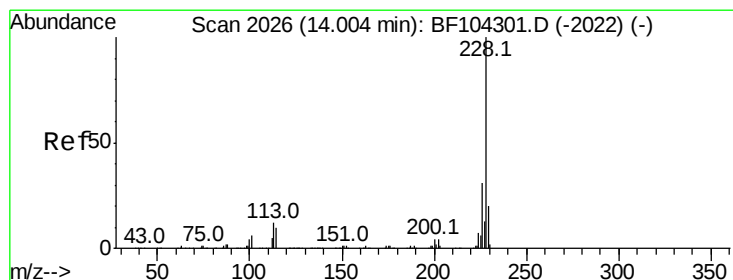
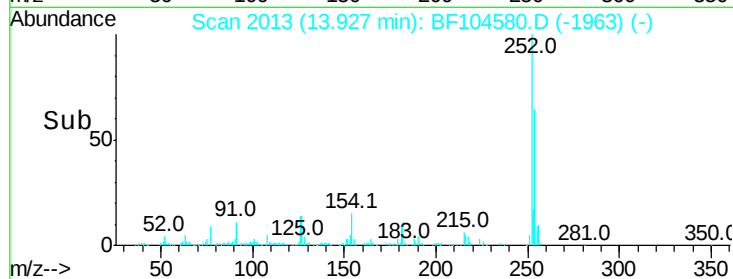
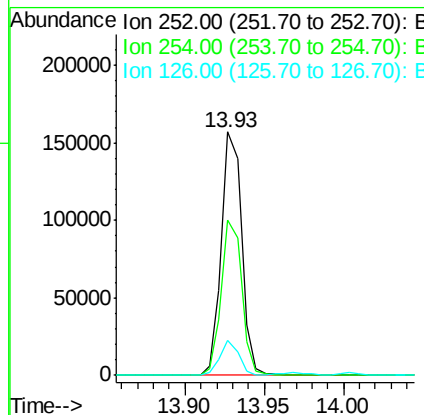
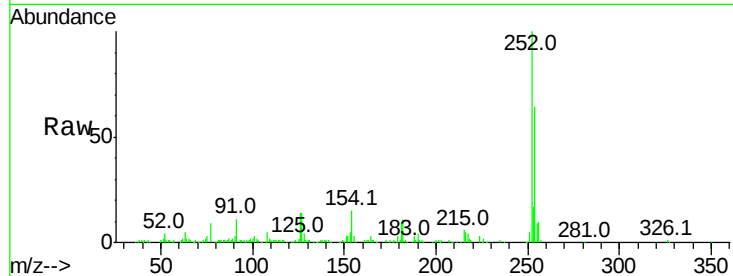




#81
 3,3'-Dichlorobenzidine
 Concen: 22.727 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

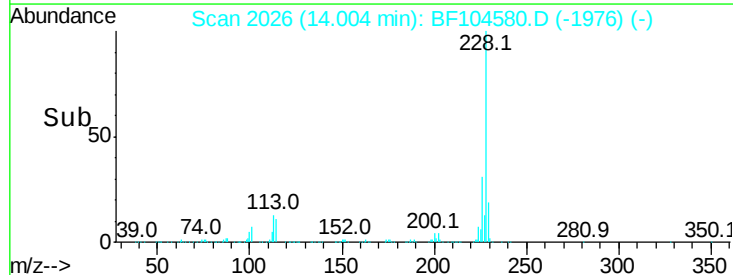
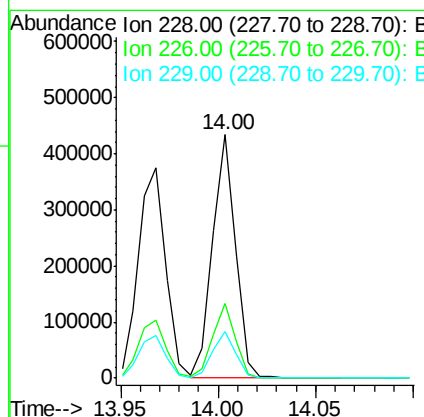
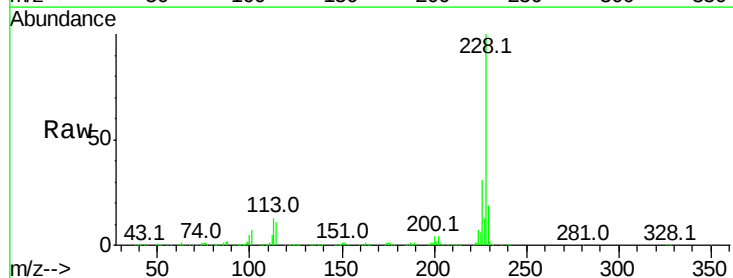
Instrument :
 BNA_F
 ClientSampleId :

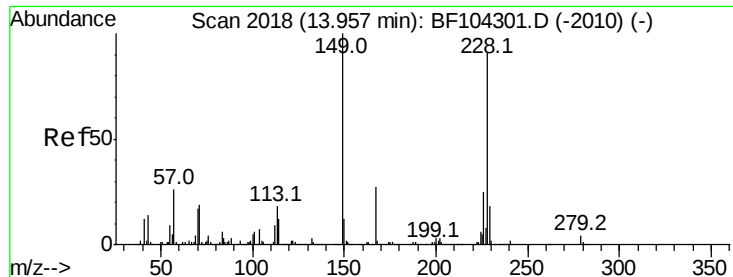
Tot Ion:252 Resp: 140547
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 20.807 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:228 Resp: 354472
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.3 16.2 24.4

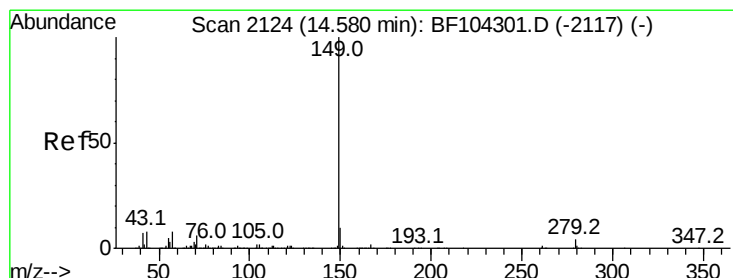
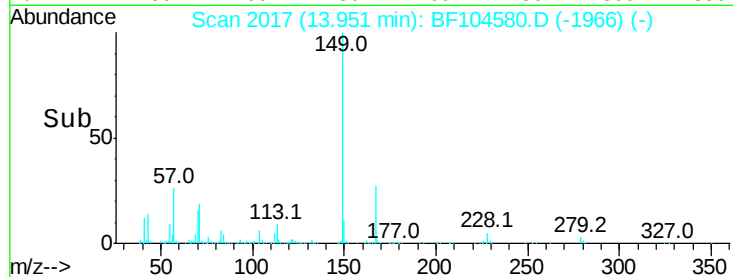
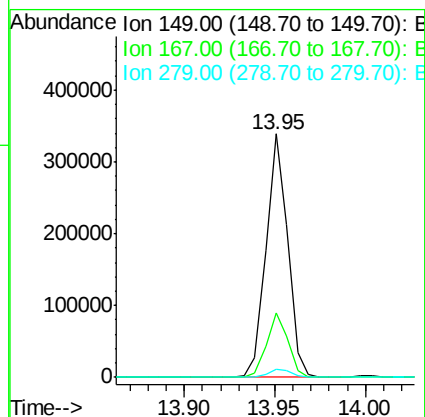
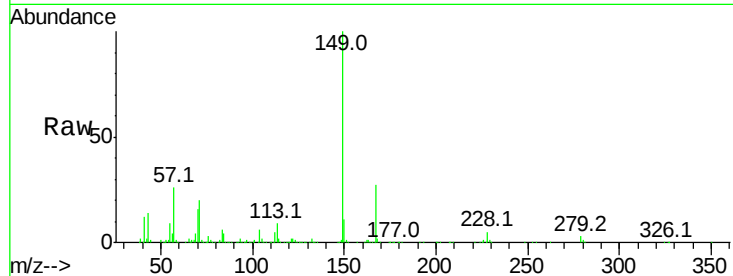




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.616 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

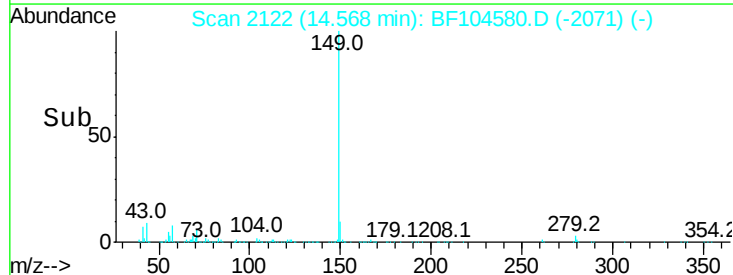
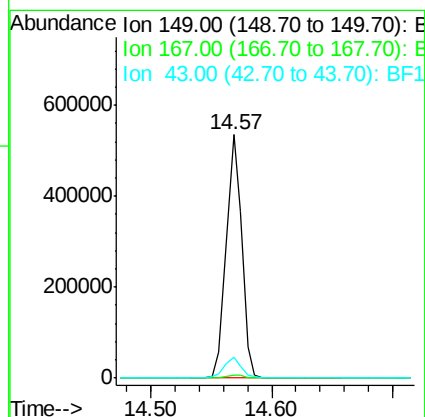
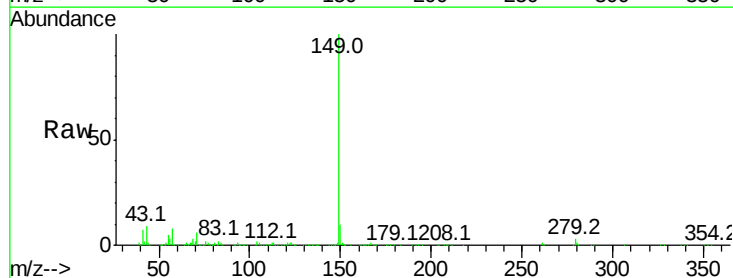
Instrument :
 BNA_F
 ClientSampleId :

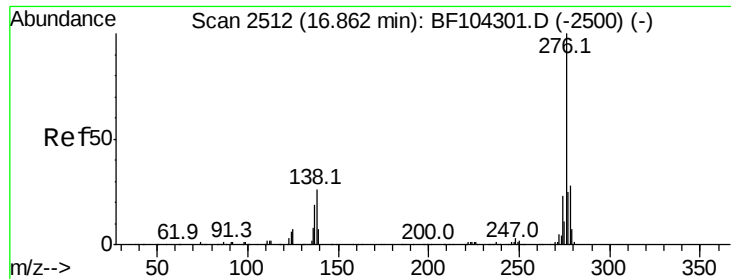
Tot Ion:149 Resp: 282029
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 22.798 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Tgt Ion:149 Resp: 475029
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 16.999 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

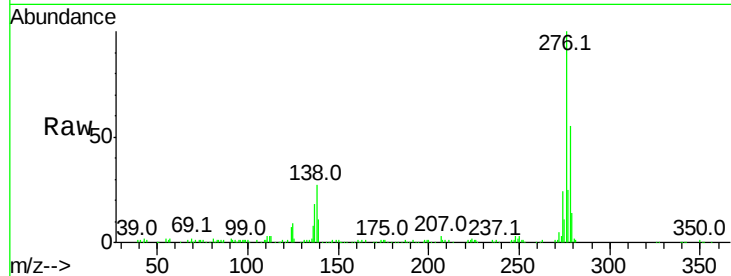
Tot Ion:276 Resp: 246004

Ion Ratio Lower Upper

276 100

138 30.0 25.0 37.6

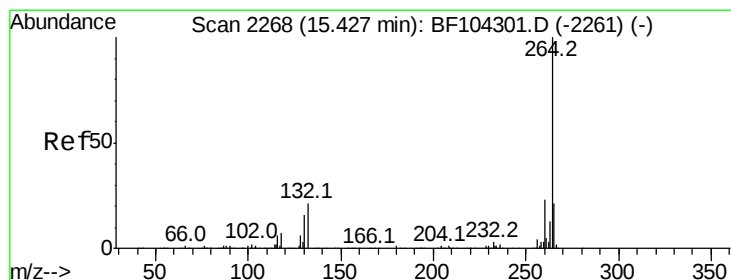
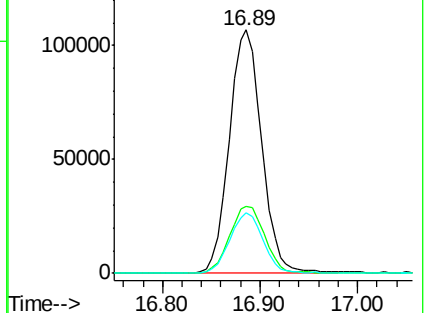
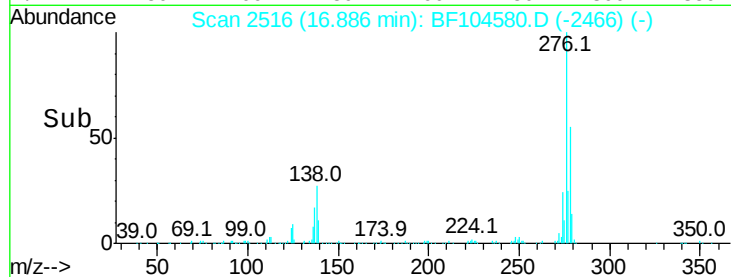
277 25.7 20.1 30.1



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

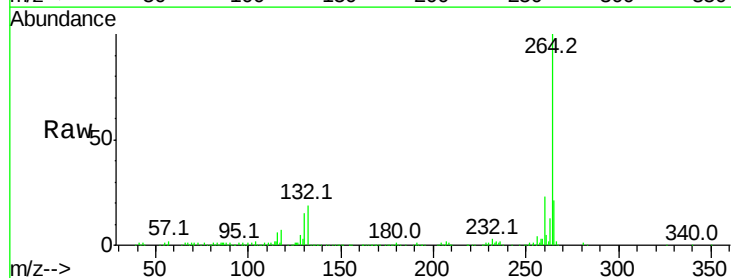
Tgt Ion:264 Resp: 209099

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

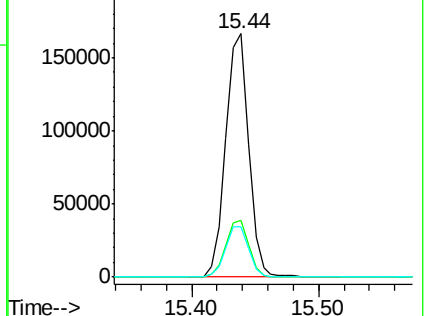
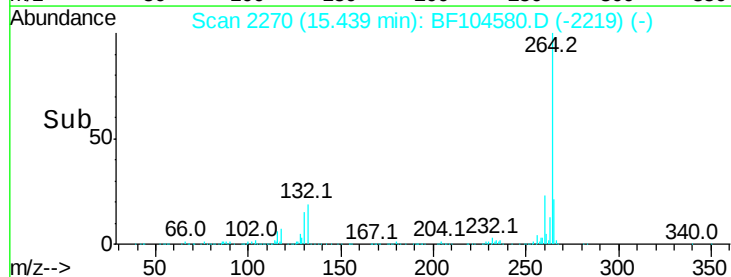
265 20.6 17.5 26.3

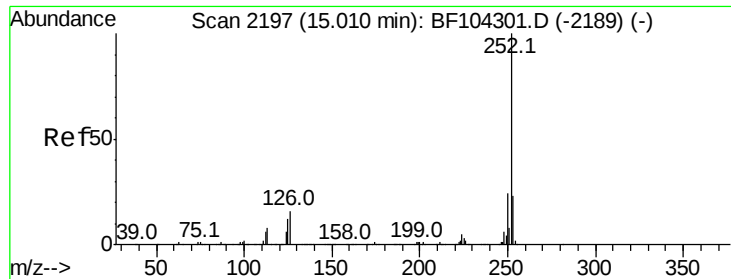


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

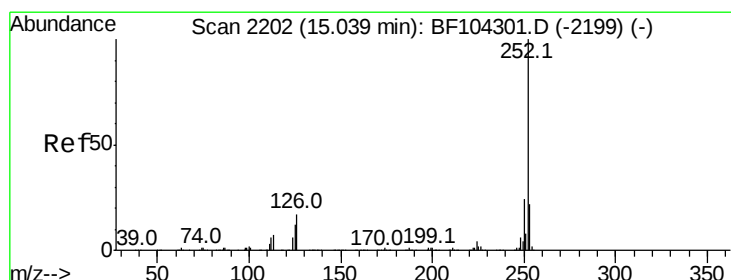
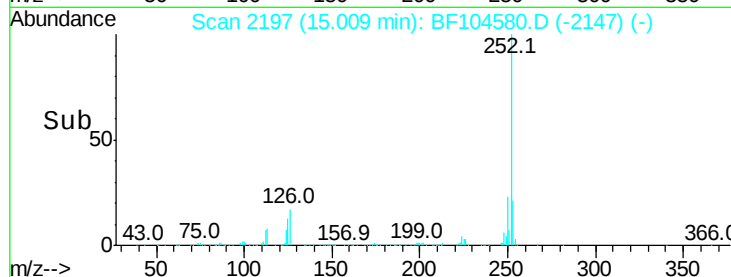
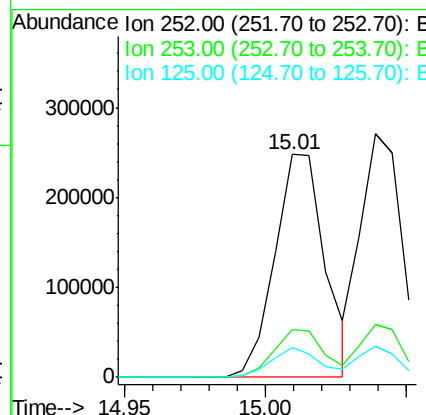
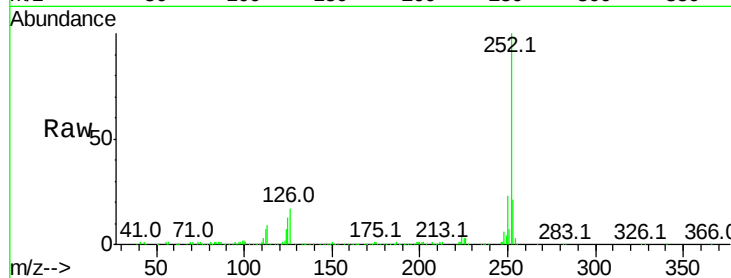




#87
Benzo(b)fluoranthene
Concen: 23.140 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

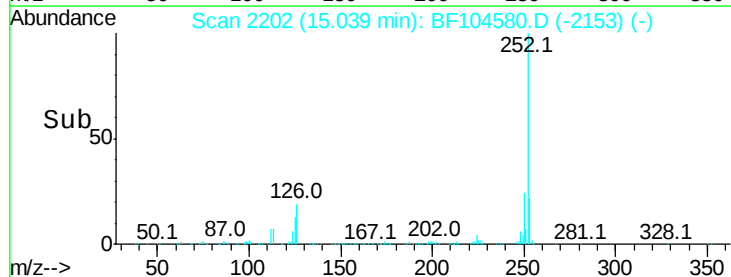
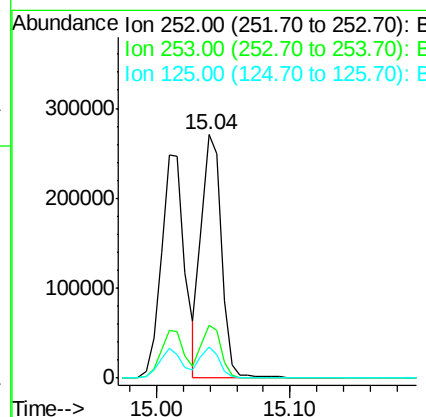
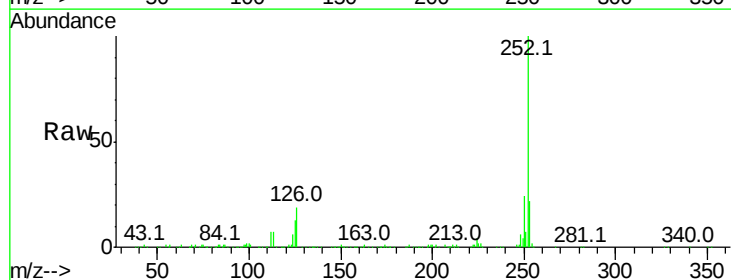
Instrument :
BNA_F
ClientSampleId :

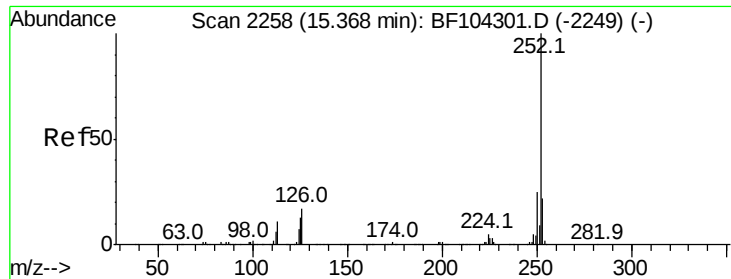
Tot Ion:252 Resp: 305595
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 22.319 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104580.D
Acq: 17 Apr 2018 23:42

Tgt Ion:252 Resp: 278273
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 21.904 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

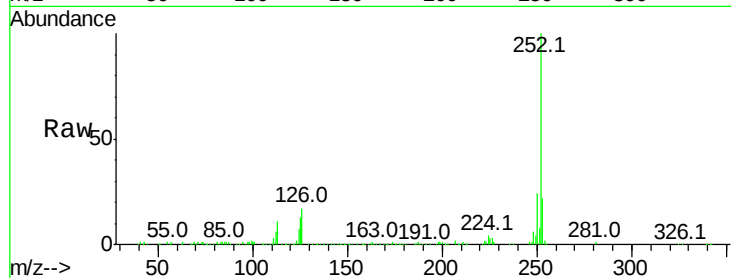
Tot Ion:252 Resp: 258821

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

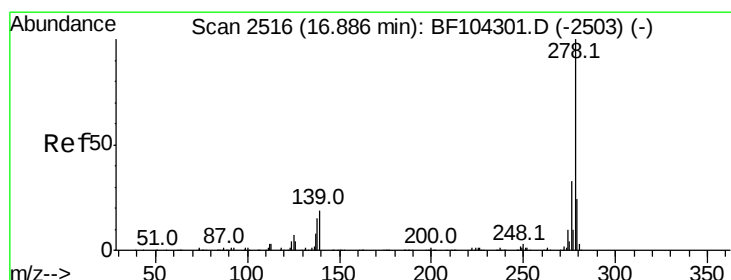
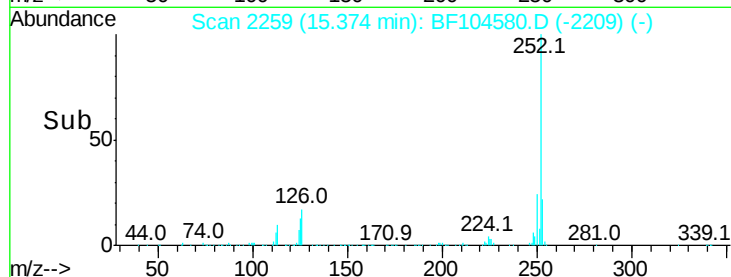
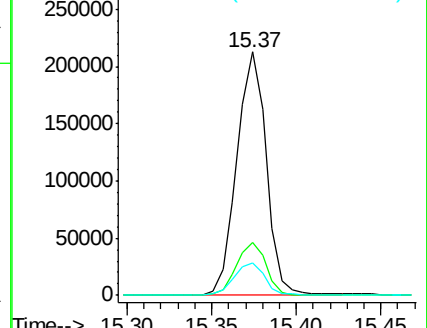
125 13.2 9.8 14.6



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: 21.403 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BF104580.D

Acq: 17 Apr 2018 23:42

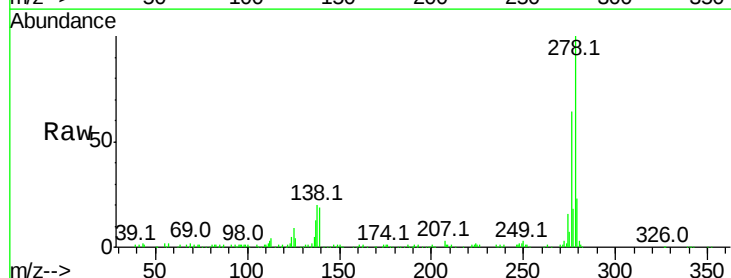
Tgt Ion:278 Resp: 207708

Ion Ratio Lower Upper

278 100

139 18.5 15.9 23.9

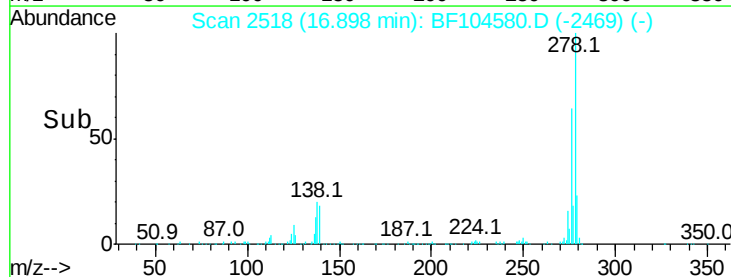
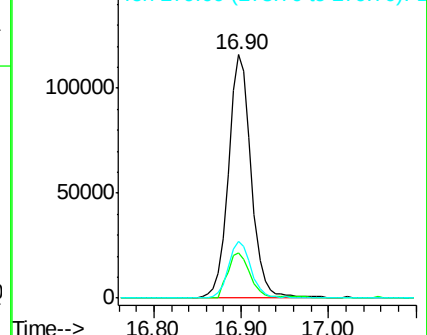
279 23.3 19.0 28.4

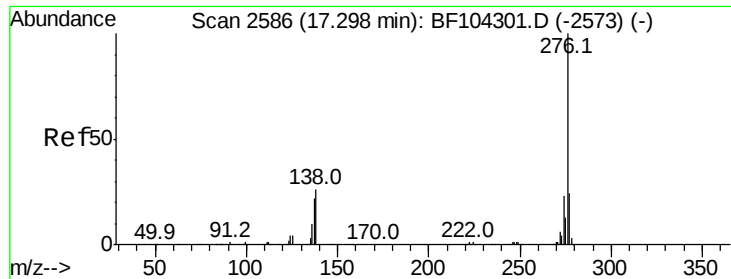


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.413 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BF104580.D
 Acq: 17 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	25.2	21.8	32.8

