

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104333.D
 Acq On : 7 Apr 2018 3:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 04:59:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137813	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	551461	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	243069	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	356140	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256176	20.00	ng	0.00
86) Perylene-d12	15.43	264	240110	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	681150	75.57	ng	0.00
7) Phenol-d6	6.43	99	835771	75.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	709586	84.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	172209	68.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1215515	79.00	ng	0.00
78) Terphenyl-d14	12.92	244	828335	73.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	161394	38.430	ng	89
3) Pyridine	3.25	79	448136	37.953	ng	90
4) n-Nitrosodimethylamine	3.20	42	150258	36.404	ng	# 81
6) Aniline	6.47	93	580914	37.758	ng	98
8) 2-Chlorophenol	6.59	128	363069	38.166	ng	97
9) Benzaldehyde	6.36	77	221922	39.429	ng	96
10) Phenol	6.45	94	443506	37.746	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	353884	37.742	ng	96
12) 1,3-Dichlorobenzene	6.75	146	412585	38.284	ng	98
13) 1,4-Dichlorobenzene	6.82	146	413044	38.448	ng	99
14) 1,2-Dichlorobenzene	6.97	146	384674	38.640	ng	99
15) Benzyl Alcohol	6.95	79	314133	37.348	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	464471	36.886	ng	93
17) 2-Methylphenol	7.06	107	315381	38.140	ng	97
18) Hexachloroethane	7.32	117	132677	34.639	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	257304	35.557	ng	96
20) 3+4-Methylphenols	7.21	107	382762	37.322	ng	# 87
22) Acetophenone	7.22	105	505915	37.264	ng	# 93
24) Nitrobenzene	7.39	77	375526	40.275	ng	97
25) Isophorone	7.63	82	665571	37.269	ng	98
26) 2-Nitrophenol	7.70	139	174335	45.927	ng	99
27) 2,4-Dimethylphenol	7.74	122	295345	37.472	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	414686	37.978	ng	99
29) 2,4-Dichlorophenol	7.95	162	285847	38.010	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	317452	38.464	ng	98
31) Naphthalene	8.12	128	1046622	38.115	ng	100
32) Benzoic acid	7.86	122	254806	40.518	ng	99
33) 4-Chloroaniline	8.16	127	442564	37.619	ng	97
34) Hexachlorobutadiene	8.23	225	174632	38.630	ng	99
35) Caprolactam	8.54	113	98045	37.373	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	301573	37.399	ng	96
37) 2-Methylnaphthalene	8.80	142	661951	37.267	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287756	41.356	ng	99
40) Hexachlorocyclopentadiene	8.95	237	33216	8.527	ng	98

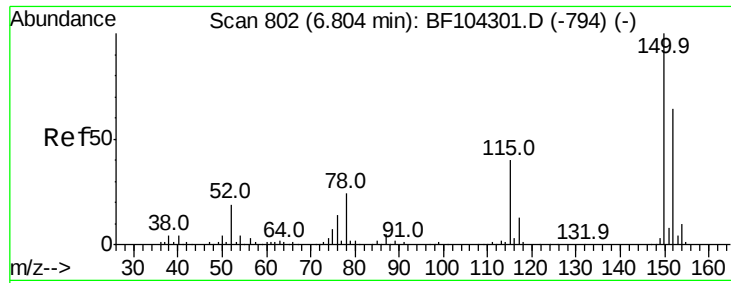
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	192839	39.924	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	212818	39.373	nq	96
45) 1,1'-Biphenyl	9.27	154	798819	39.120	nq	99
46) 2-Chloronaphthalene	9.29	162	628465	38.965	nq	99
47) 2-Nitroaniline	9.39	65	185974	46.626	nq	98
48) Acenaphthylene	9.71	152	954313	37.712	nq	100
49) Dimethylphthalate	9.57	163	762932	39.803	nq	100
50) 2,6-Dinitrotoluene	9.63	165	157354	44.365	nq	92
51) Acenaphthene	9.88	154	561024	36.336	nq	99
52) 3-Nitroaniline	9.80	138	184361	44.400	nq	96
53) 2,4-Dinitrophenol	9.90	184	7747	12.709	nq	# 22
54) Dibenzofuran	10.05	168	806801	37.496	nq	98
55) 4-Nitrophenol	9.95	139	117199	35.932	nq	98
56) 2,4-Dinitrotoluene	10.03	165	190821	41.016	nq	91
57) Fluorene	10.39	166	585915	37.411	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	142621	35.368	nq	96
59) Diethylphthalate	10.27	149	735192	38.512	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	275555	39.507	nq	99
61) 4-Nitroaniline	10.41	138	165117	40.670	nq	99
62) Azobenzene	10.55	77	655172	35.923	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	19187	16.716	nq	96
65) n-Nitrosodiphenylamine	10.50	169	557335	45.135	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	170256	44.944	nq	# 87
67) Hexachlorobenzene	10.94	284	177076	41.543	nq	92
68) Atrazine	11.03	200	157772	42.329	nq	99
69) Pentachlorophenol	11.13	266	95747	36.309	nq	99
70) Phenanthrene	11.36	178	765723	38.608	nq	99
71) Anthracene	11.41	178	761054	37.749	nq	99
72) Carbazole	11.56	167	706291	35.851	nq	100
73) Di-n-butylphthalate	11.90	149	1003827	41.713	nq	100
74) Fluoranthene	12.55	202	665775	32.129	nq	98
76) Benzydine	12.67	184	334439	37.955	nq	100
77) Pyrene	12.77	202	678677	35.741	nq	99
79) Butylbenzylphthalate	13.40	149	330909	36.990	nq	98
80) Benzo(a)anthracene	13.96	228	590103	38.558	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	234274	41.056	nq	99
82) Chrysene	14.00	228	608612	38.716	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	439284	38.177	nq	98
84) Di-n-octyl phthalate	14.58	149	763054	39.688	nq	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	465083	34.828	nq	98
87) Benzo(b)fluoranthene	15.01	252	591646	39.014	nq	97
88) Benzo(k)fluoranthene	15.04	252	602509	42.083	nq	100
89) Benzo(a)pyrene	15.37	252	532043	39.211	nq	98
90) Dibenzo(a,h)anthracene	16.89	278	393024	35.267	nq	97
91) Benzo(g,h,i)perylene	17.30	276	361474	33.480	nq	96

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

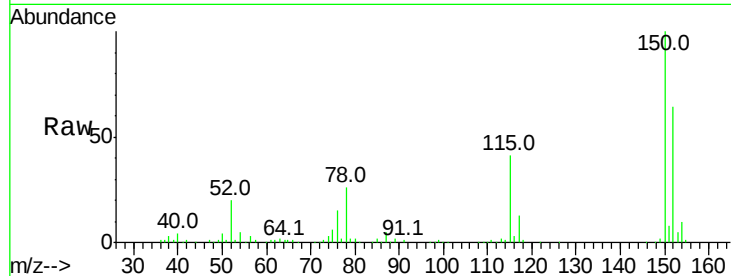


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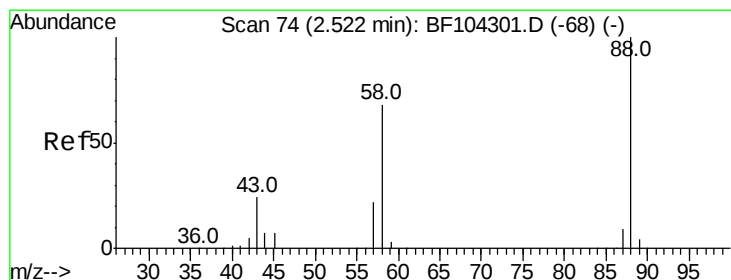
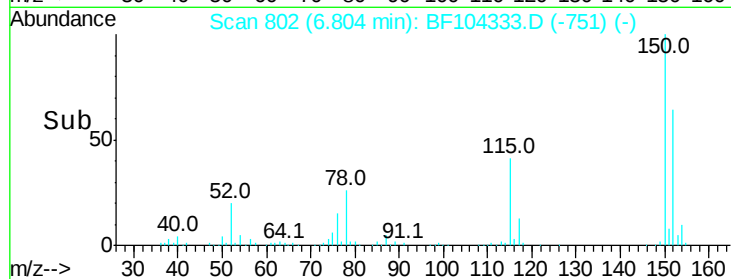
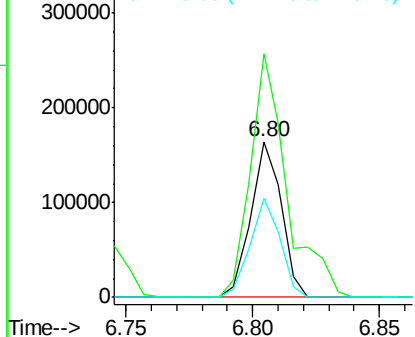
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137813
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.7 50.1 75.1



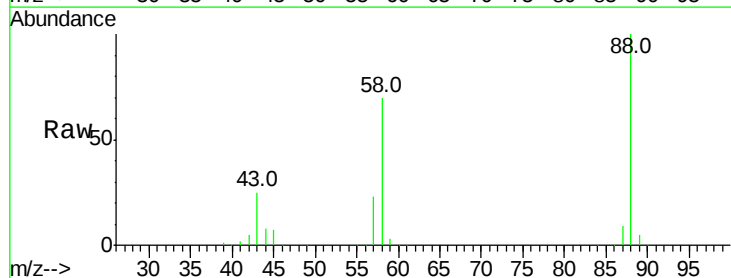
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



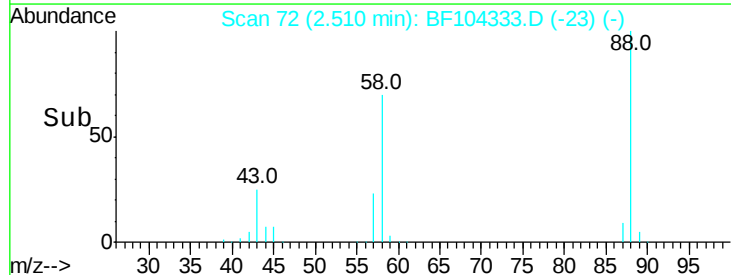
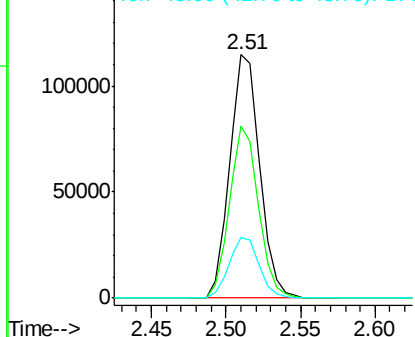
#2

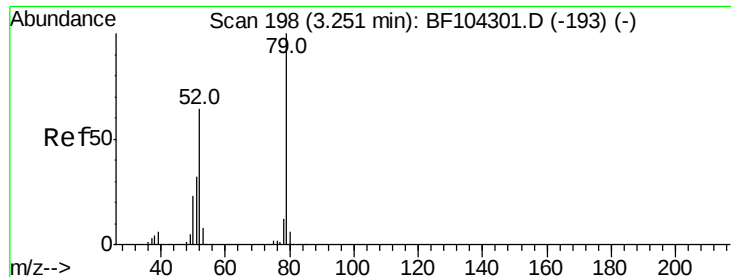
1,4-Dioxane
Concen: 38.430 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion: 88 Resp: 161394
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 25.1 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: 37.953 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

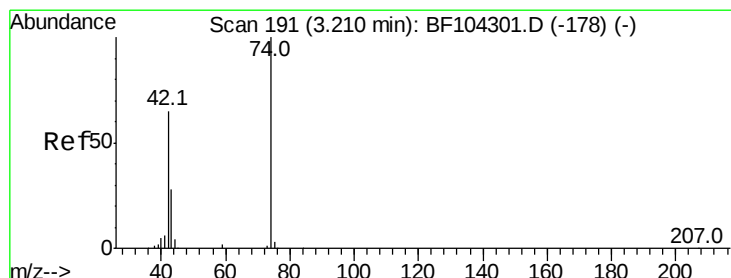
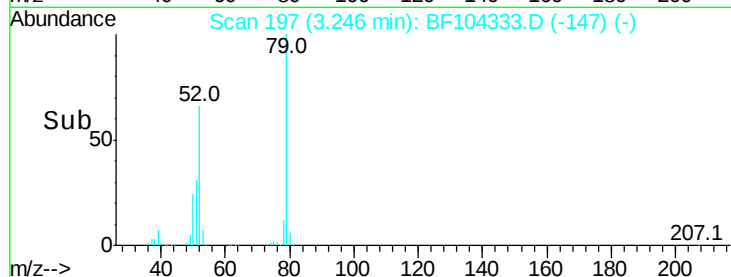
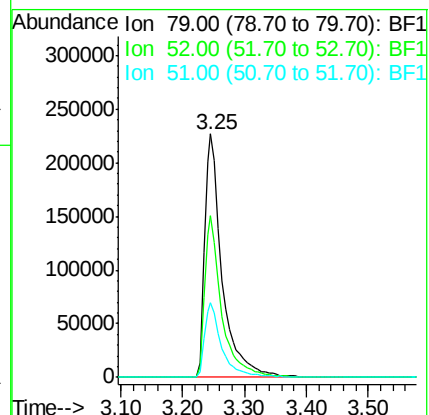
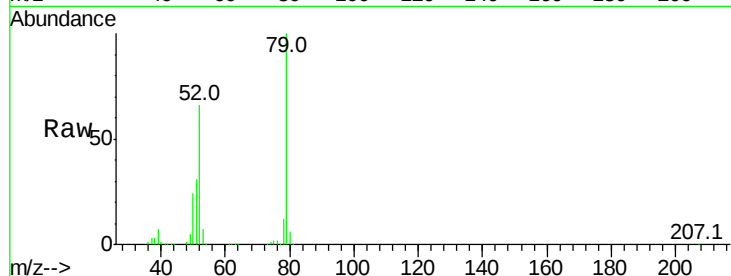
Tot Ion: 79 Resp: 448136

Ion Ratio Lower Upper

79 100

52 66.3 59.8 89.6

51 30.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.404 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

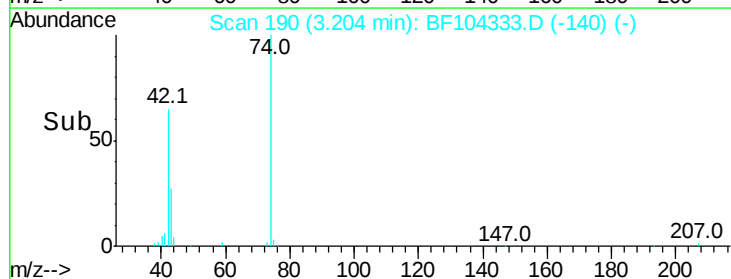
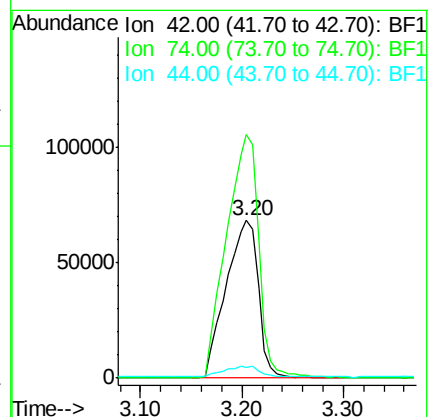
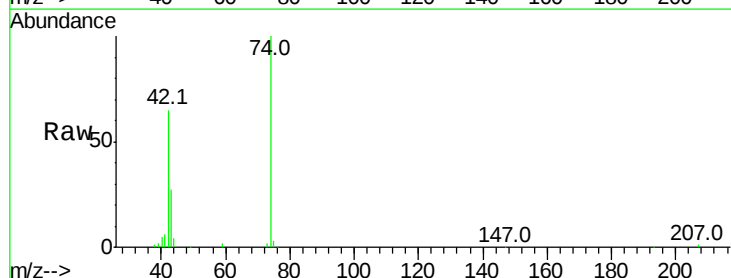
Tgt Ion: 42 Resp: 150258

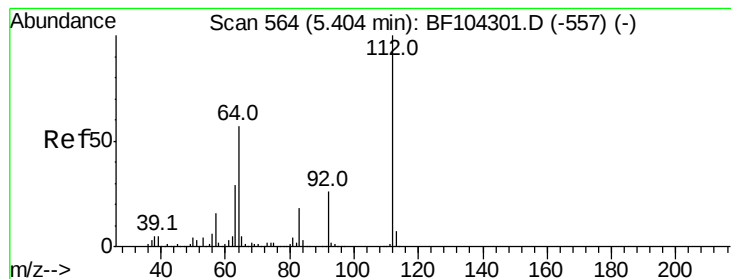
Ion Ratio Lower Upper

42 100

74 154.5 104.9 157.3

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 75.575 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

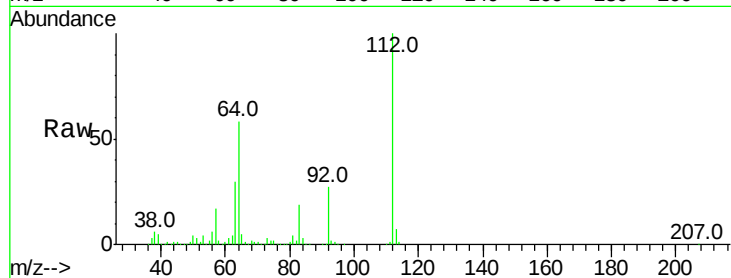
Tot Ion:112 Resp: 681150

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

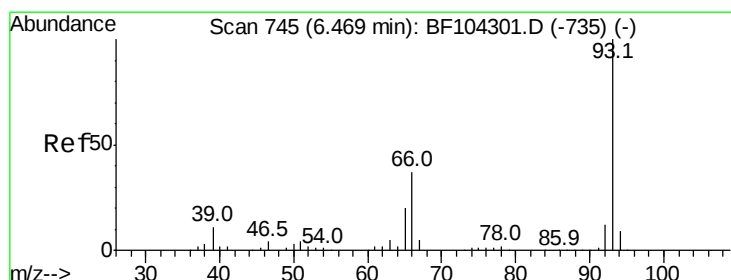
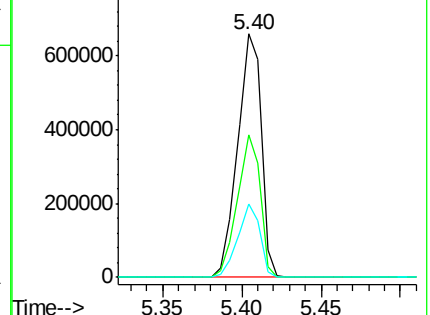
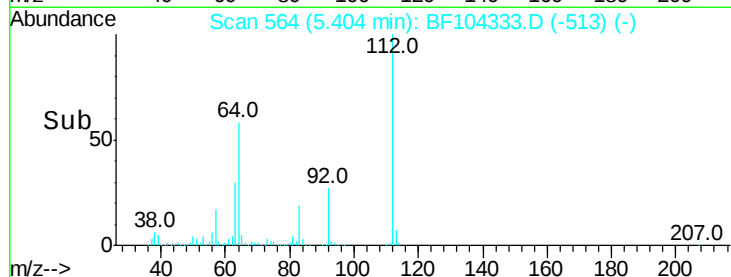
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.758 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

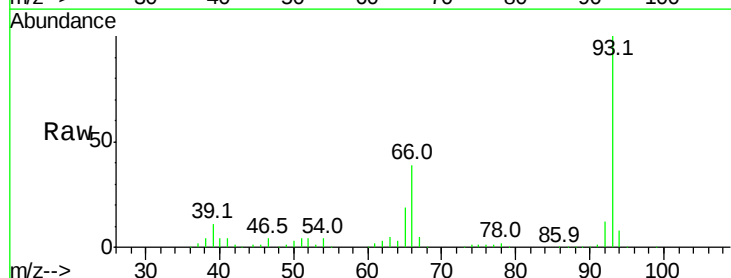
Tgt Ion: 93 Resp: 580914

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

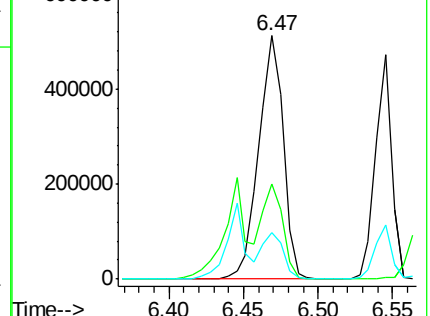
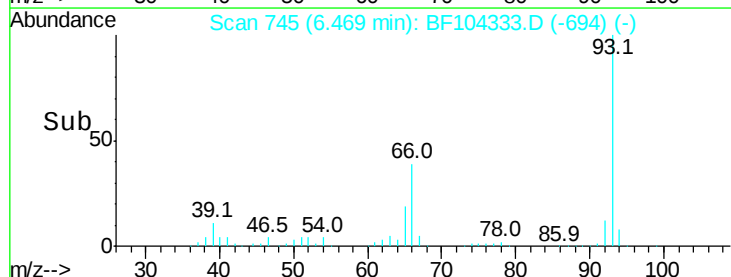
65 19.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.472 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampled :

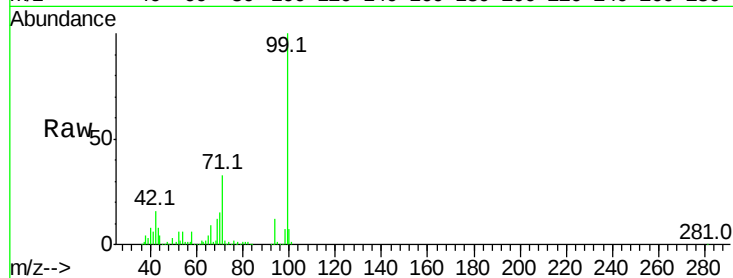
Tot Ion: 99 Resp: 835771

Ion Ratio Lower Upper

99 100

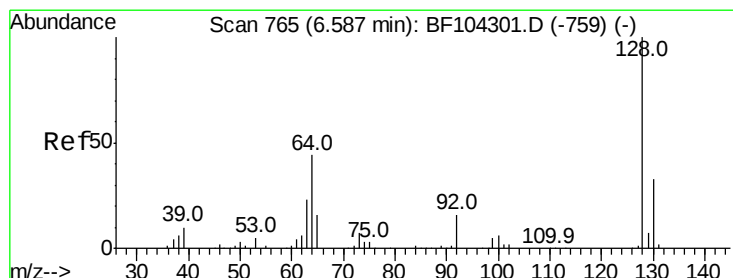
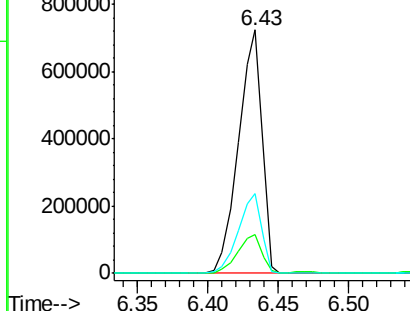
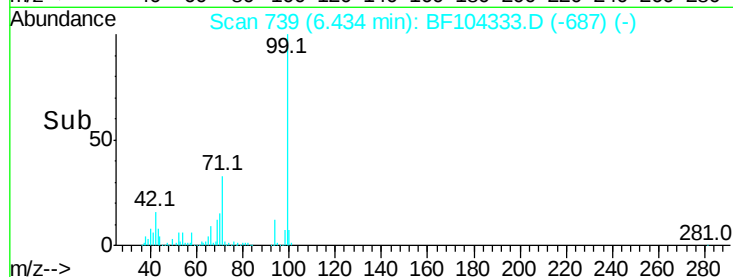
42 16.2 14.5 21.7

71 33.0 25.4 38.0



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

6.43



#8

2-Chlorophenol

Concen: 38.166 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

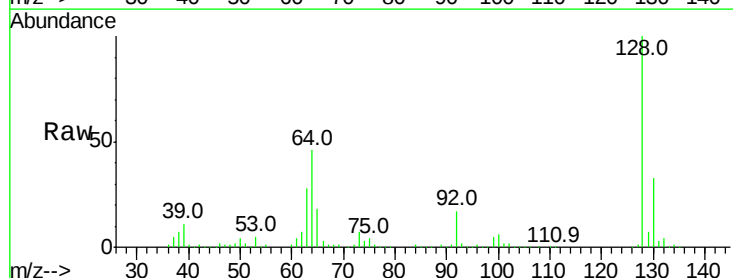
Tgt Ion:128 Resp: 363069

Ion Ratio Lower Upper

128 100

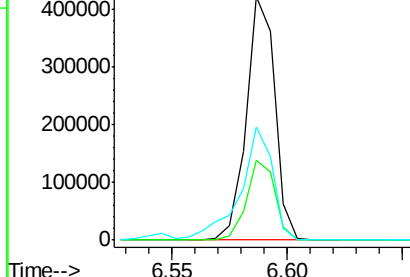
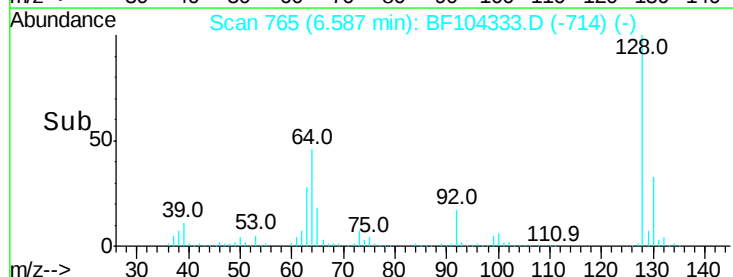
130 32.8 13.0 53.0

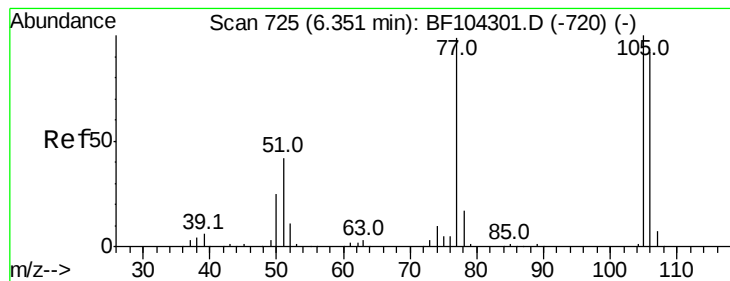
64 46.2 29.4 69.4



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

6.59





#9

Benzaldehyde

Concen: 39.429 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

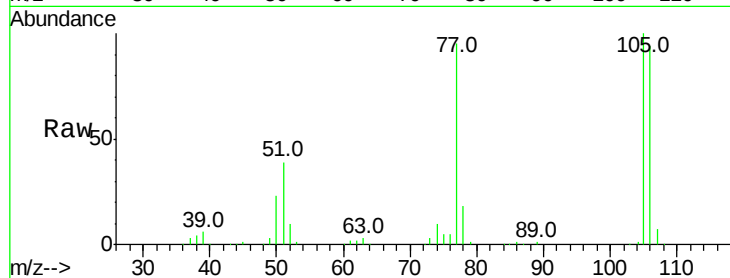
Tot Ion: 77 Resp: 221922

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

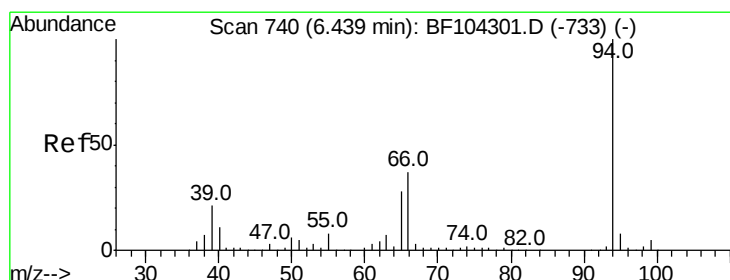
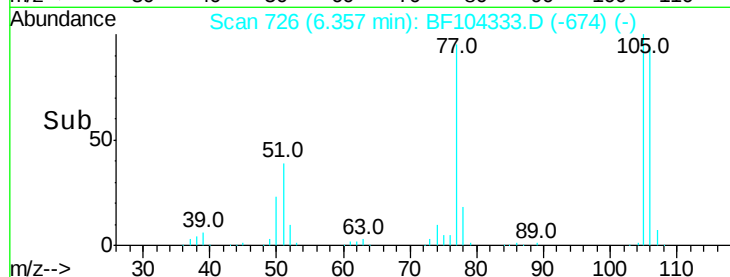
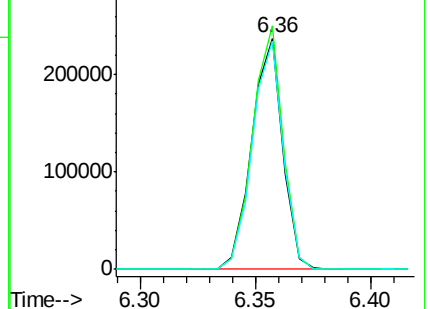
106 98.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.746 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

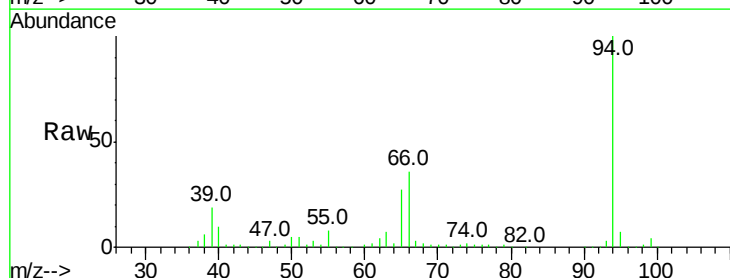
Tgt Ion: 94 Resp: 443506

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

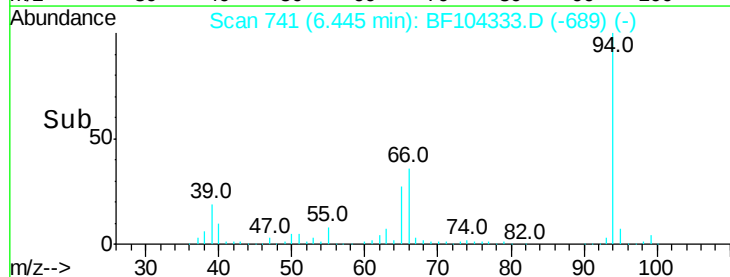
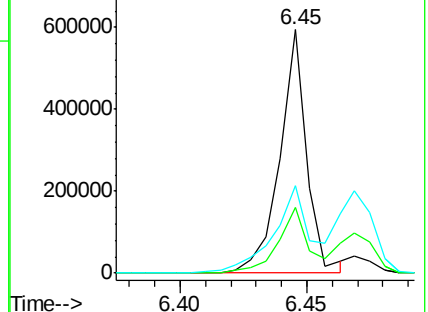
66 36.0 16.2 56.2

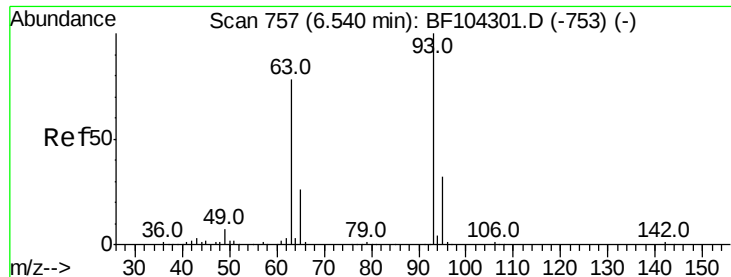


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.742 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

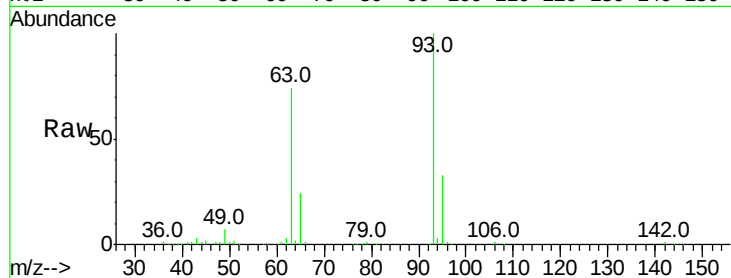
Tot Ion: 93 Resp: 353884

Ion Ratio Lower Upper

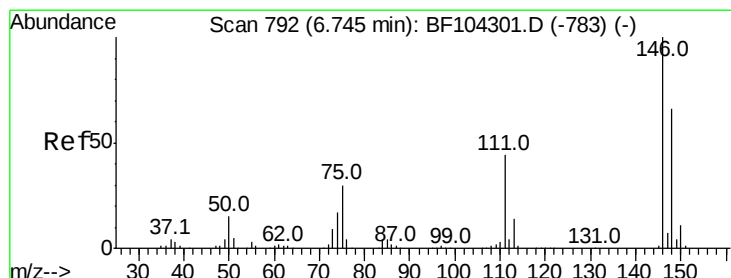
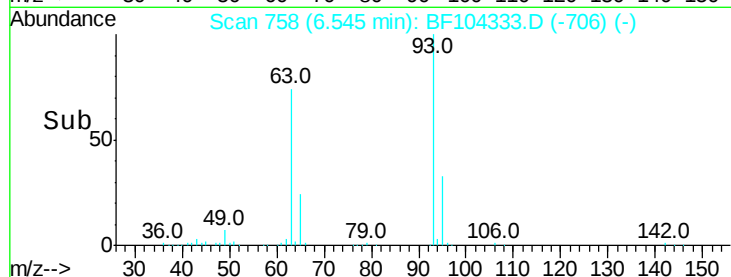
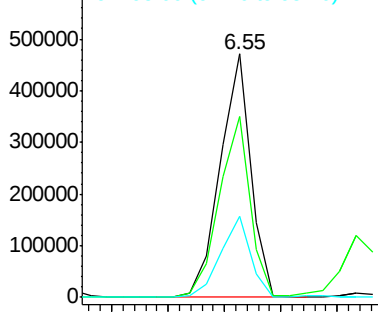
93 100

63 74.5 58.6 98.6

95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.284 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

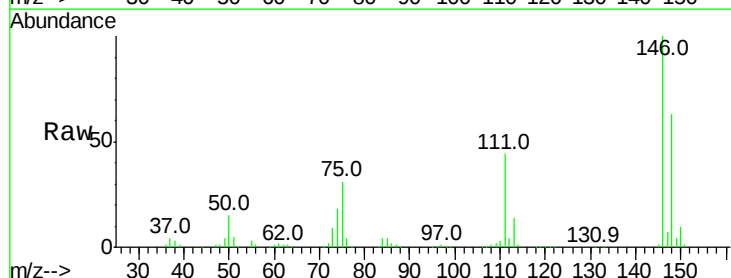
Tgt Ion: 146 Resp: 412585

Ion Ratio Lower Upper

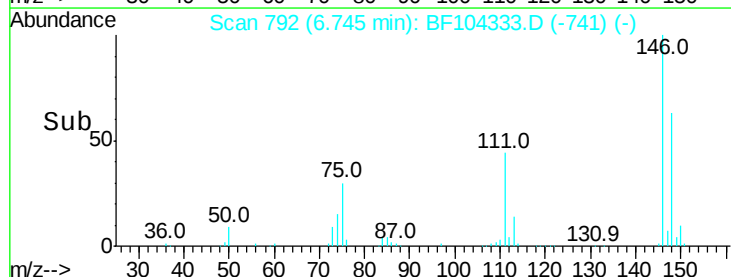
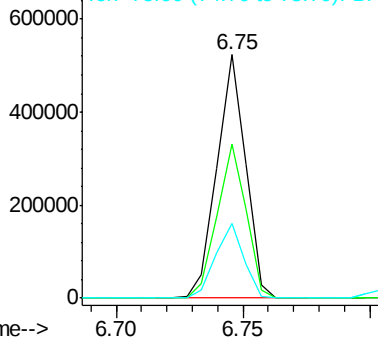
146 100

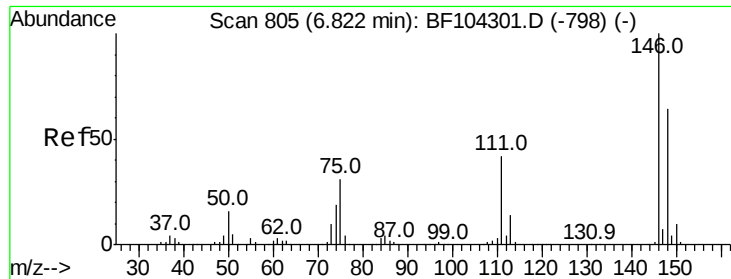
148 63.1 51.8 77.8

75 30.8 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

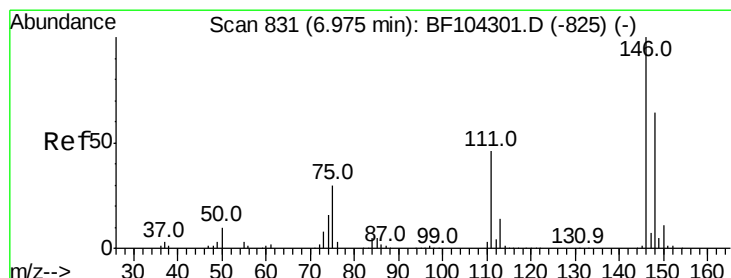
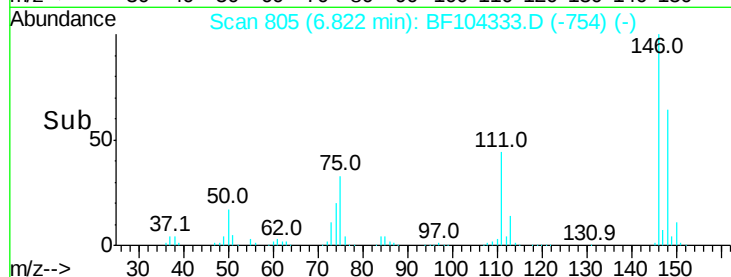
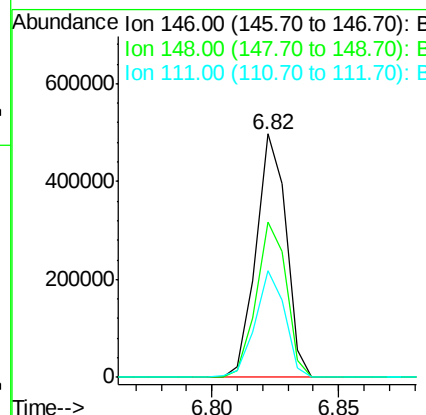
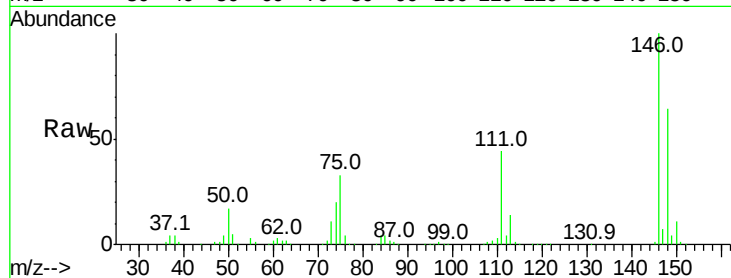




#13
 1,4-Dichlorobenzene
 Concen: 38.448 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

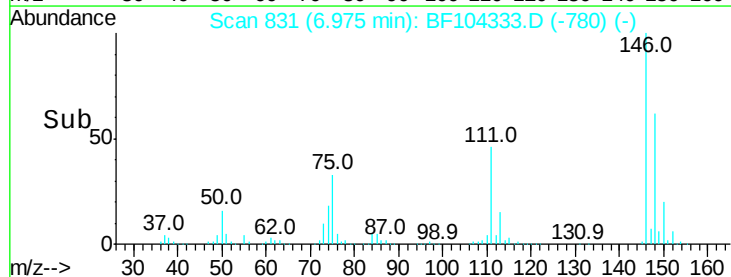
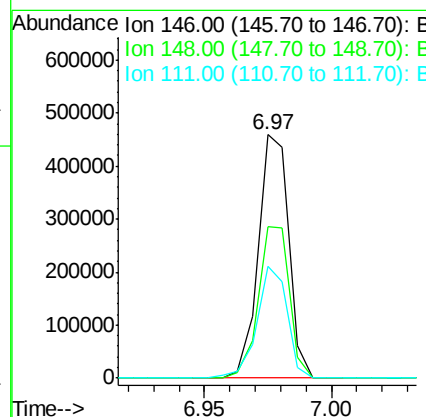
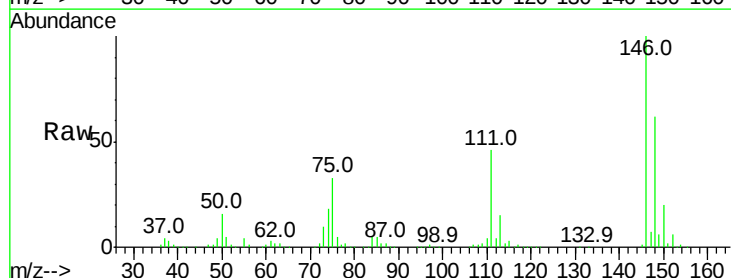
Instrument :
 BNA_F
 ClientSampleId :

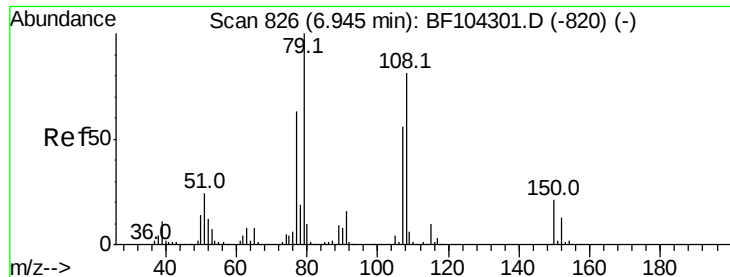
Tot Ion:146 Resp: 413044
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 44.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.640 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:146 Resp: 384674
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 75.8
 111 45.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.348 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

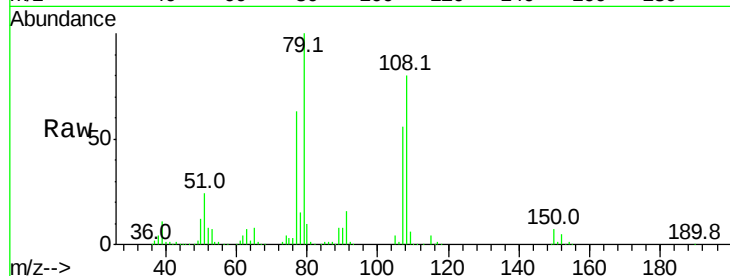
Tot Ion: 79 Resp: 314133

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

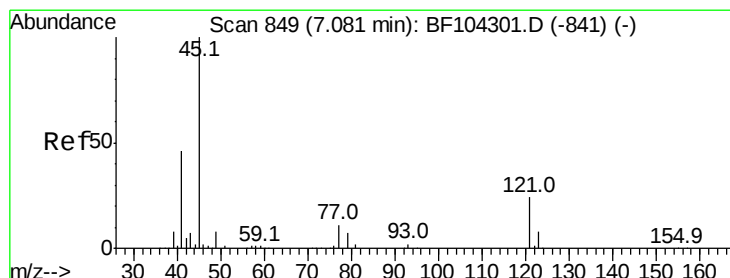
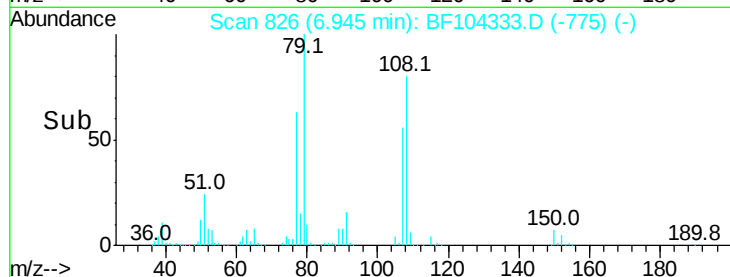
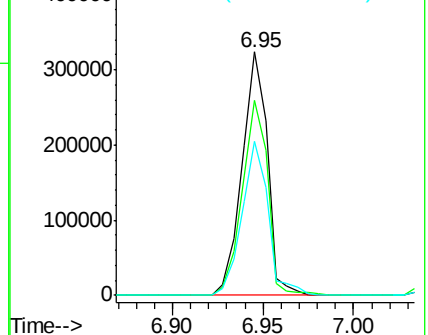
77 63.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.886 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

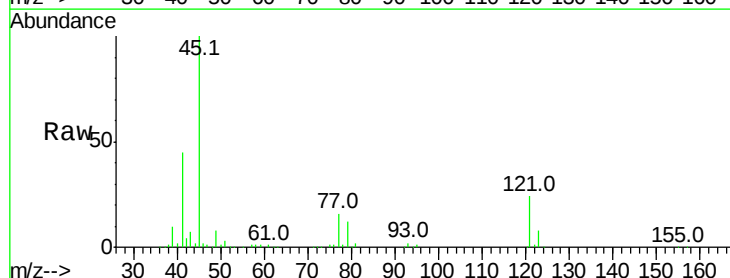
Tgt Ion: 45 Resp: 464471

Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.9

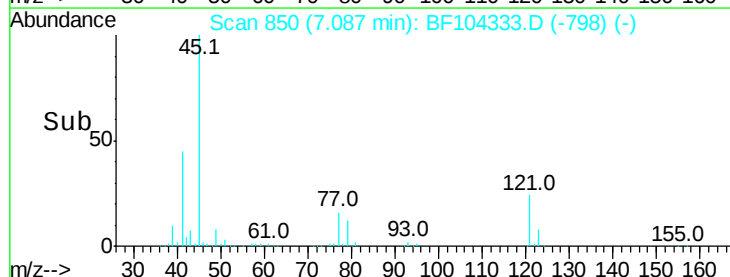
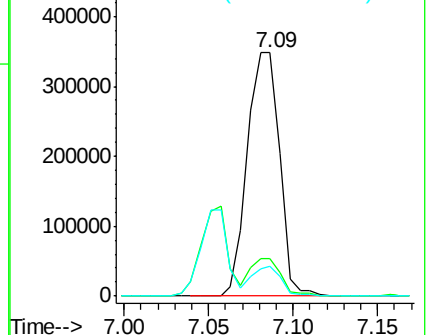
79 12.4 0.0 29.6

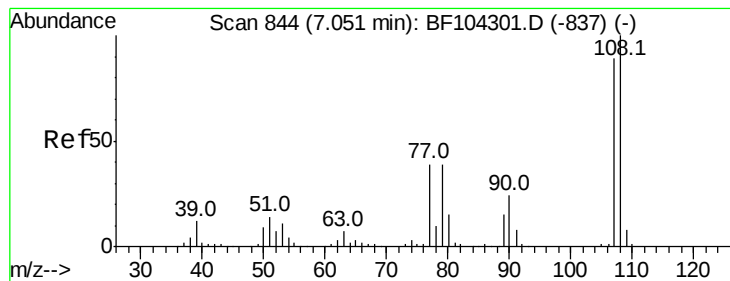


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

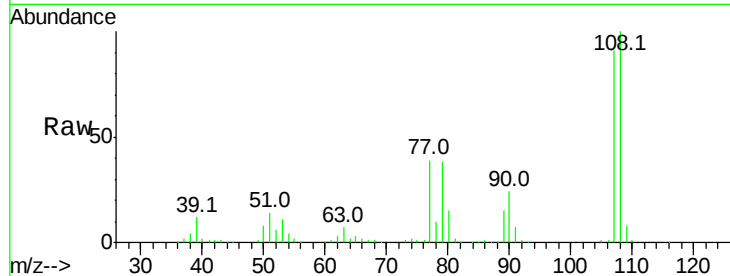




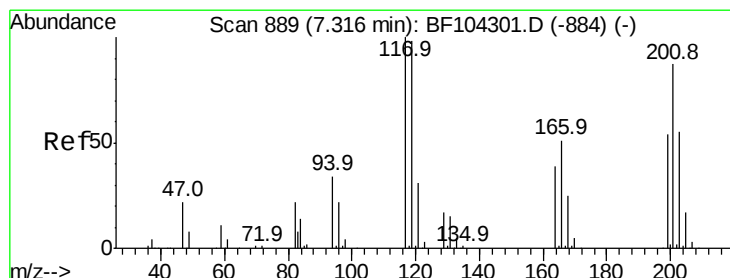
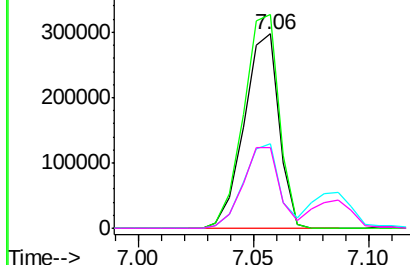
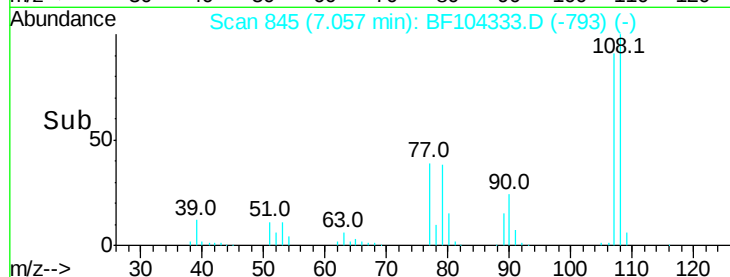
#17
2-Methylphenol
Concen: 38.140 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 315381
Ion Ratio Lower Upper
107 100
108 109.9 91.7 137.5
77 43.3 33.8 50.8
79 41.4 33.8 50.8

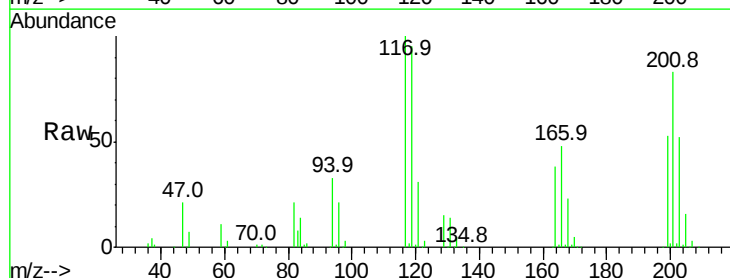


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

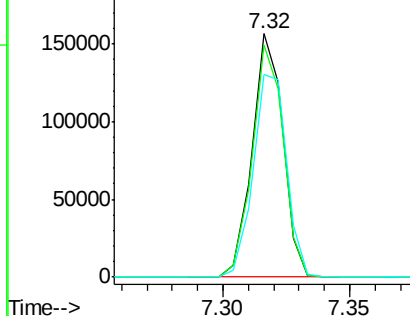
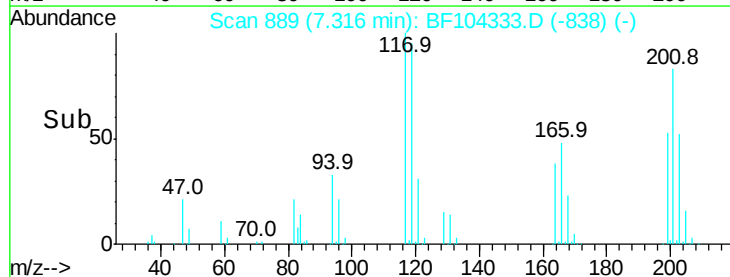


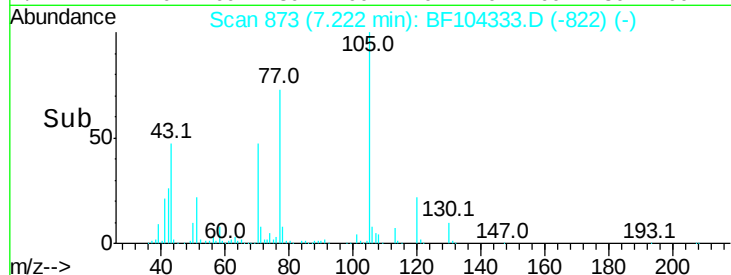
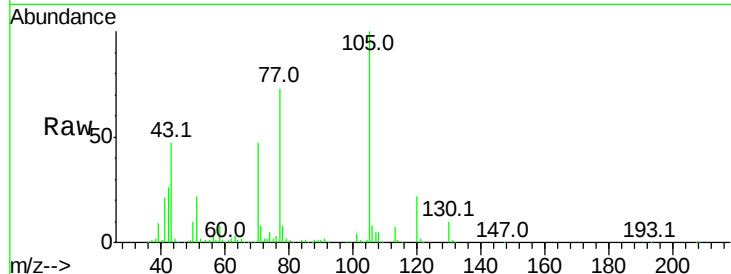
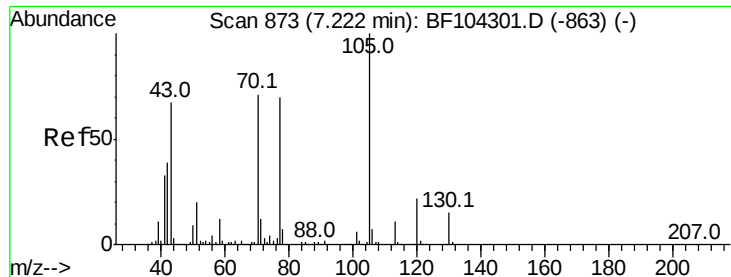
#18
Hexachloroethane
Concen: 34.639 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:117 Resp: 132677
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 83.1 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

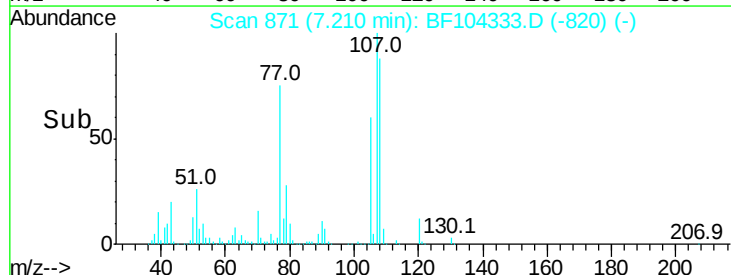
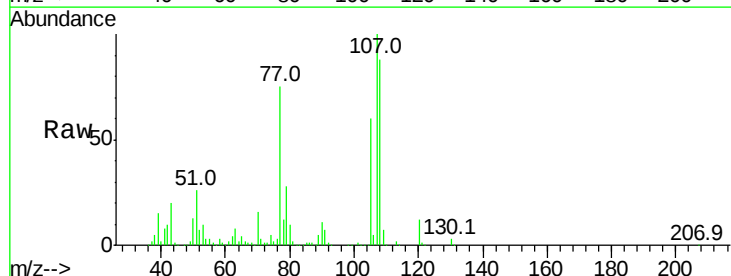
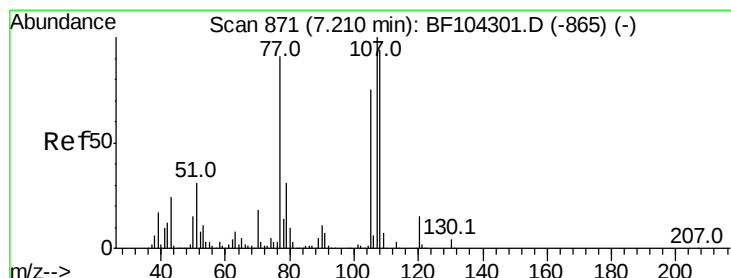
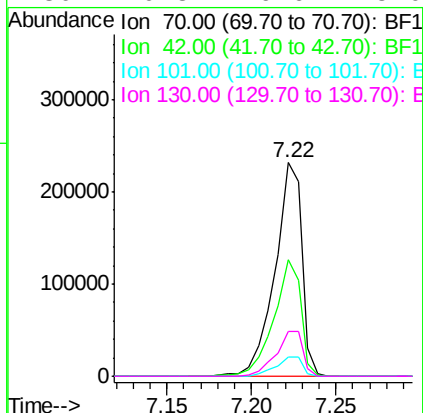




#19
n-Nitroso-di-n-propylamine
Concen: 35.557 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

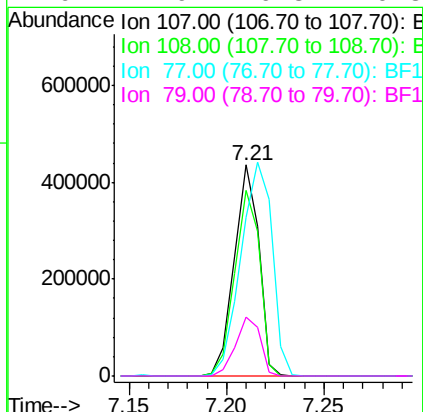
Instrument :
BNA_F
ClientSampleId :

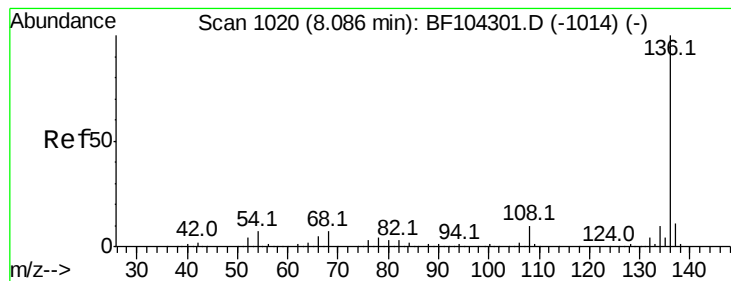
Tot Ion:	70	Resp:	257304
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	9.1	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.322 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:	107	Resp:	382762
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	75.5	26.7	66.7#
79	27.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 551461

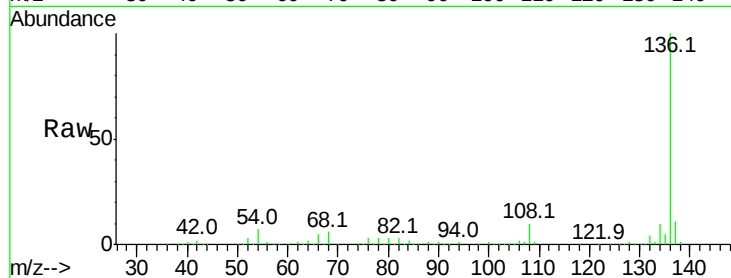
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

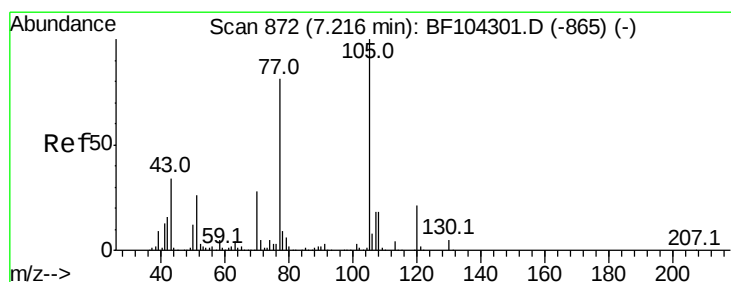
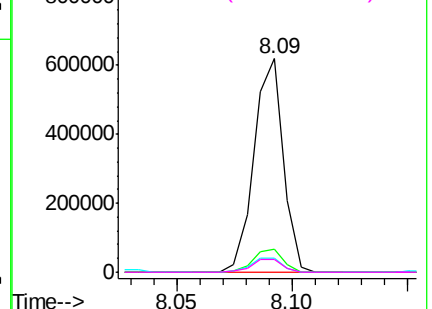
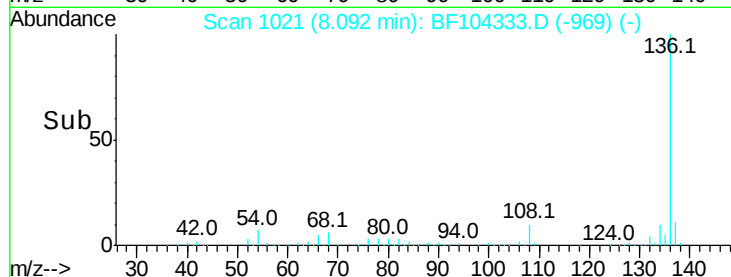


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.264 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:105 Resp: 505915

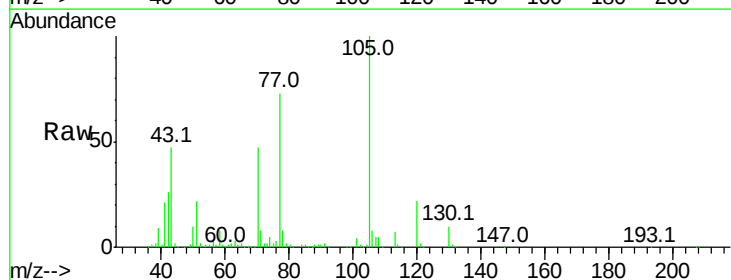
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 22.3 22.3 33.5

120 22.2 16.9 25.3

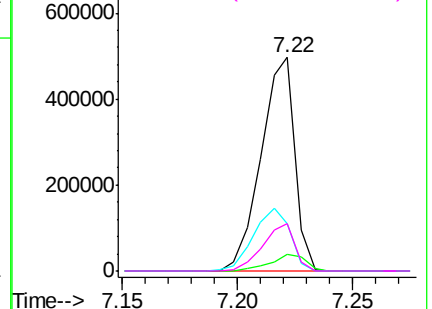
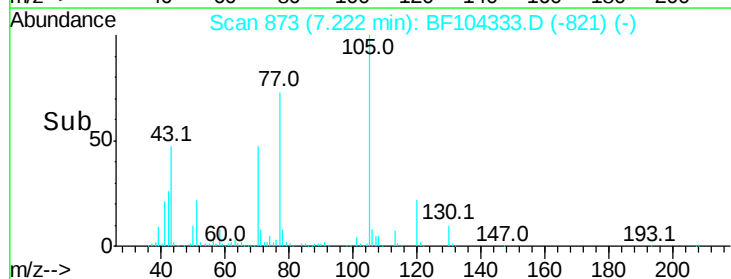


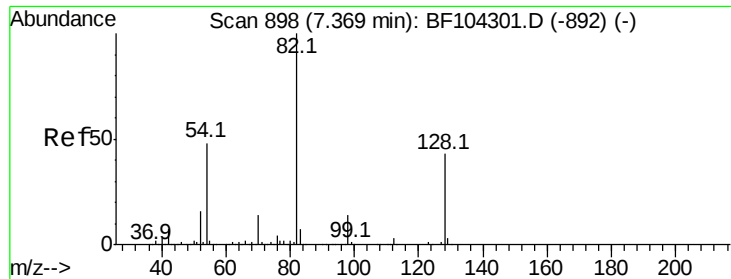
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

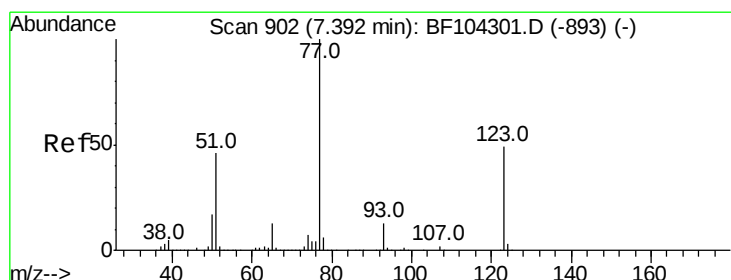
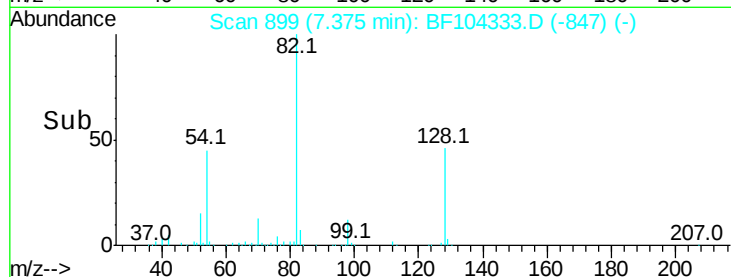
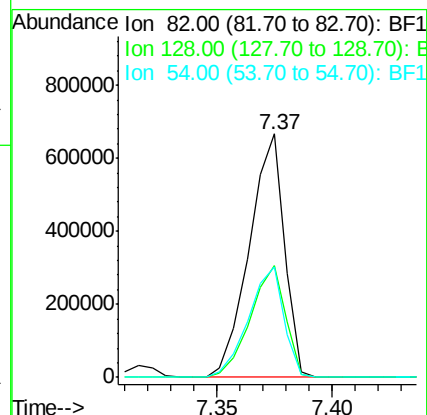
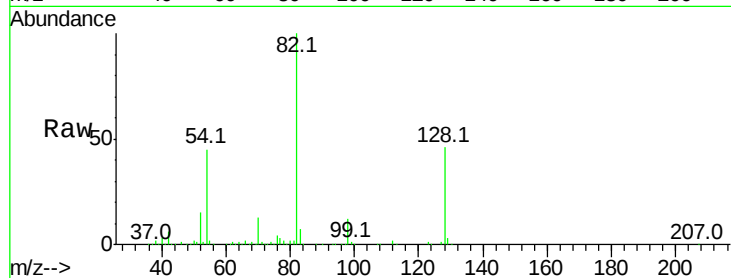




#23
 Nitrobenzene-d5
 Concen: 84.022 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

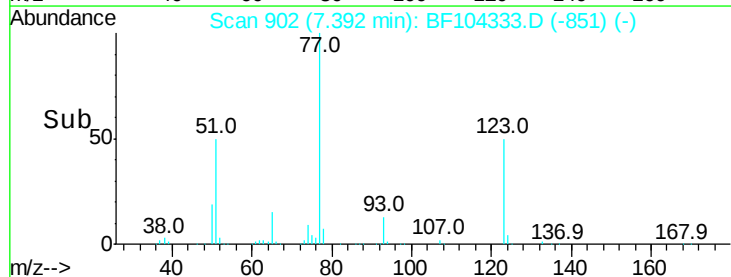
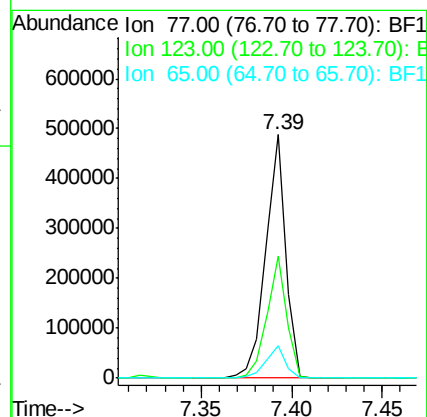
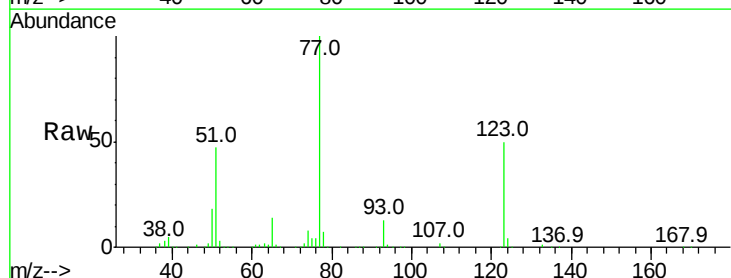
Instrument :
 BNA_F
 ClientSampleId :

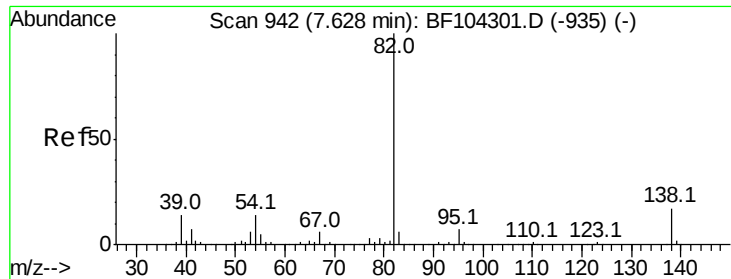
Tot Ion: 82 Resp: 709586
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 45.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.275 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion: 77 Resp: 375526
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 37.269 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

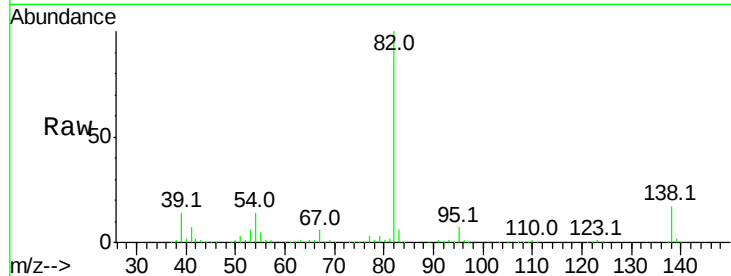
Tot Ion: 82 Resp: 665571

Ion Ratio Lower Upper

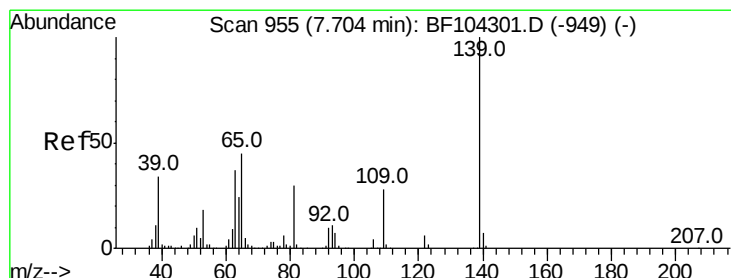
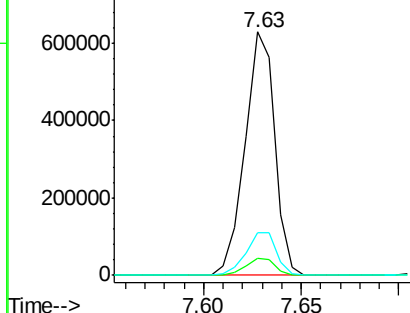
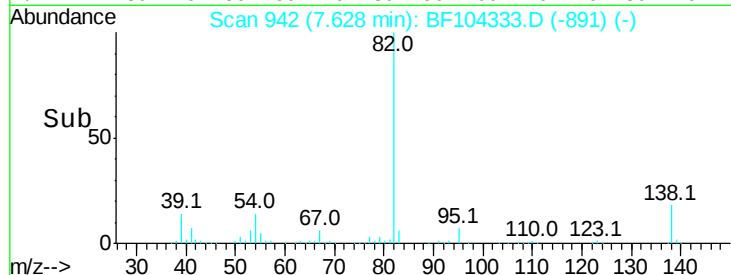
82 100

95 6.8 5.2 7.8

138 17.5 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: 45.927 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

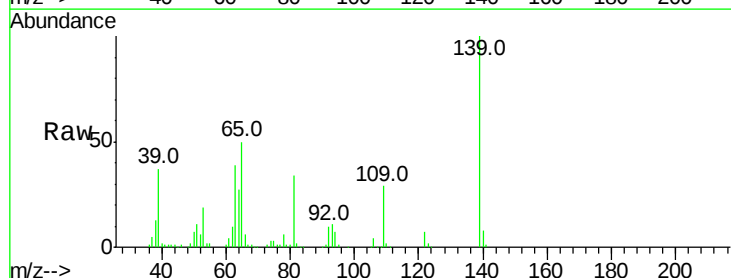
Tgt Ion: 139 Resp: 174335

Ion Ratio Lower Upper

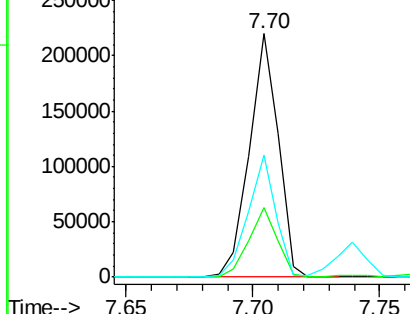
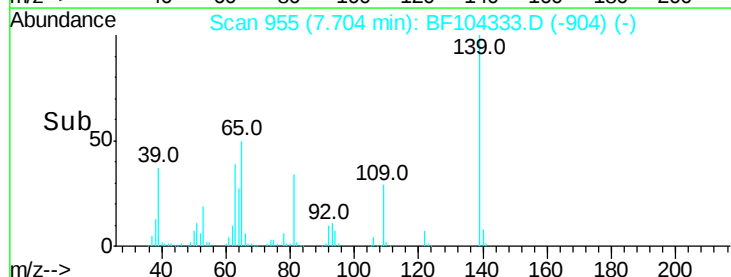
139 100

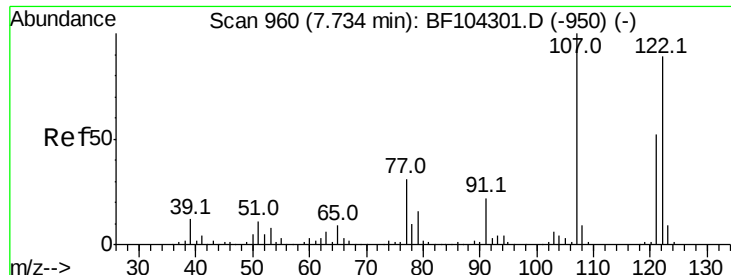
109 28.6 22.7 34.1

65 50.0 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

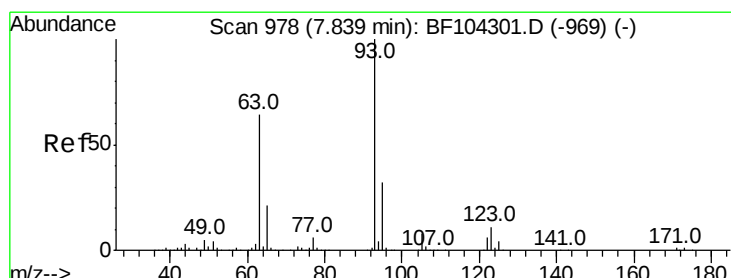
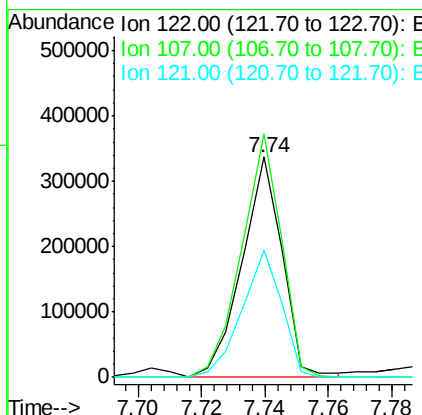
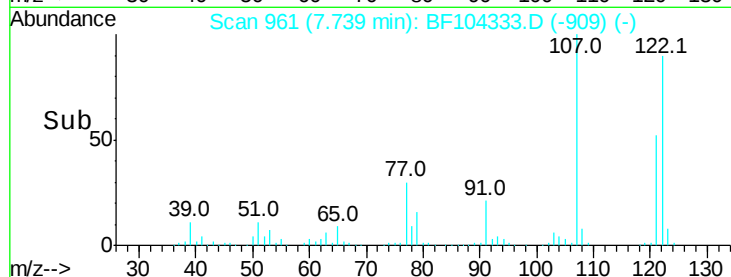
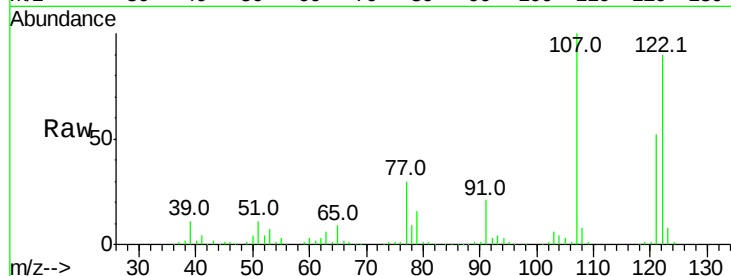




#27
 2,4-Dimethylphenol
 Concen: 37.472 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

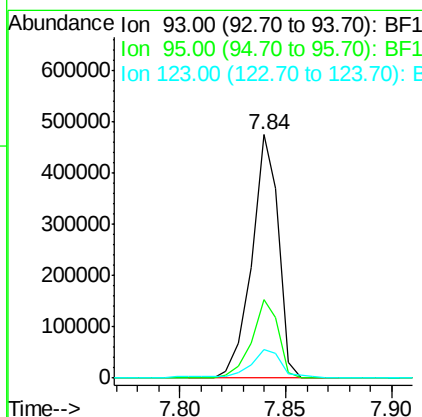
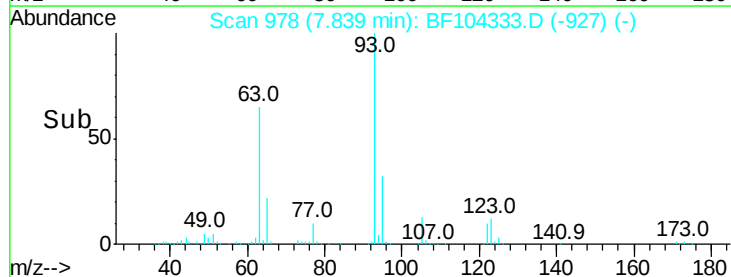
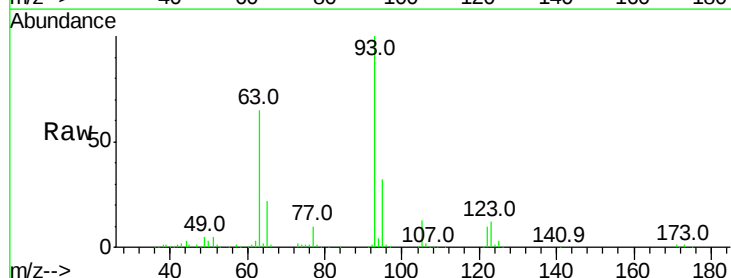
Instrument :
 BNA_F
 ClientSampleId :

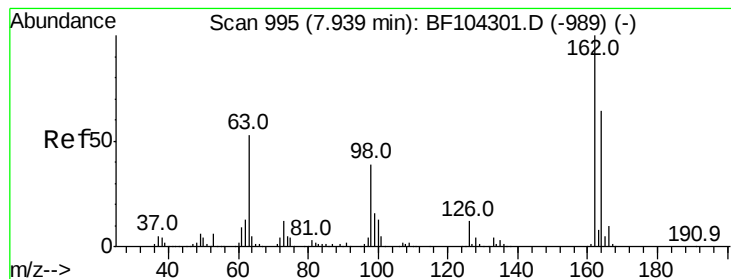
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	58.0	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.978 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.010 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

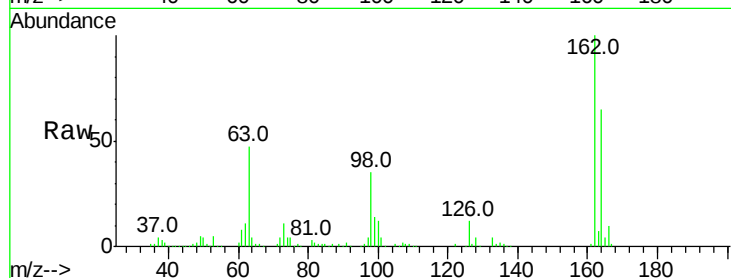
Tot Ion:162 Resp: 285847

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

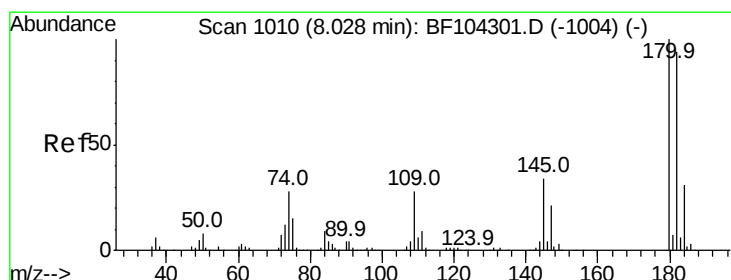
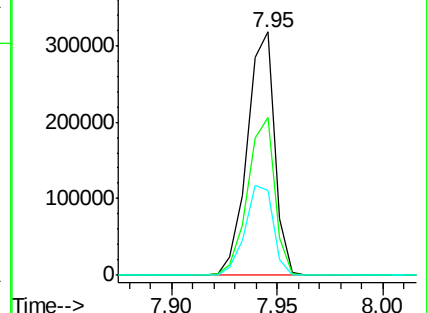
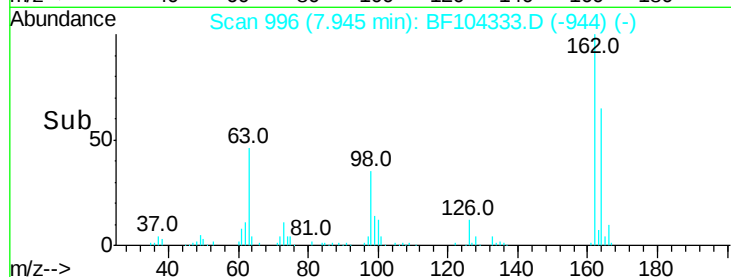
98 34.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.464 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

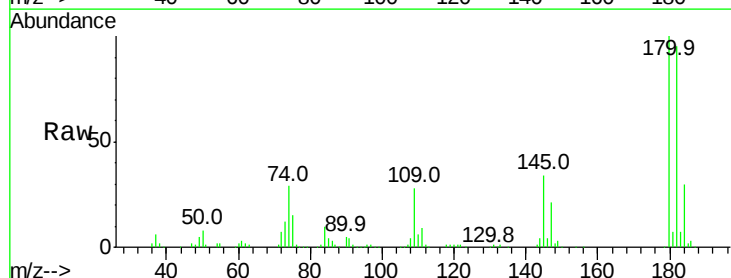
Tgt Ion:180 Resp: 317452

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

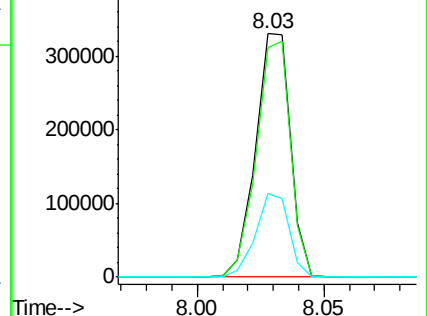
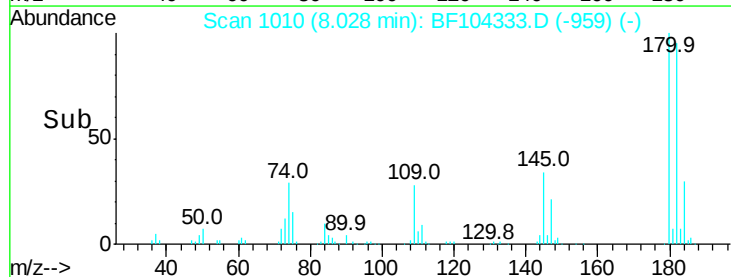
145 34.1 26.5 39.7

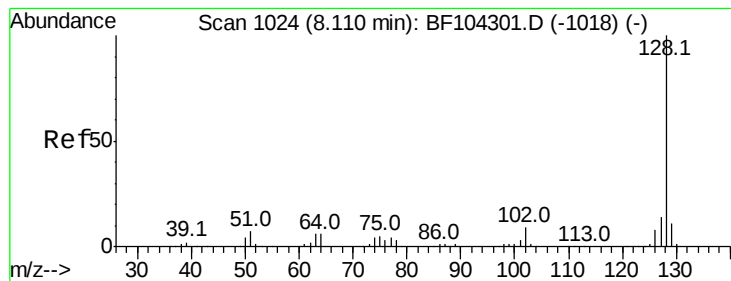


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.115 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

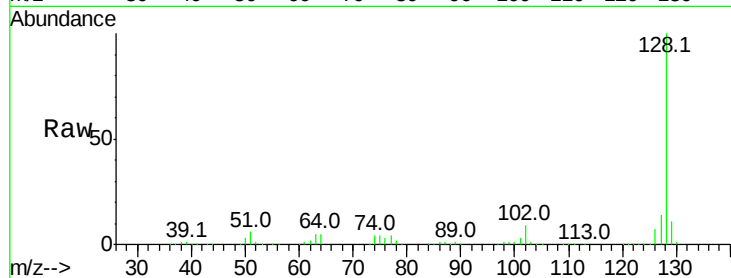
Tot Ion:128 Resp: 1046622

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

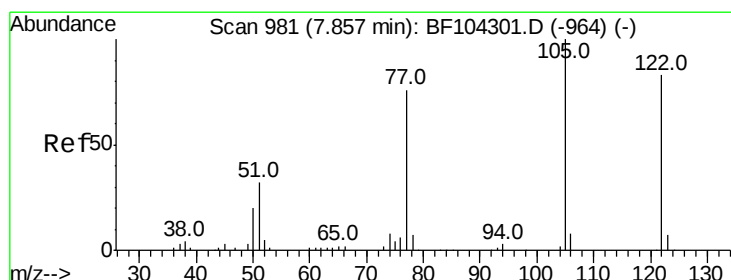
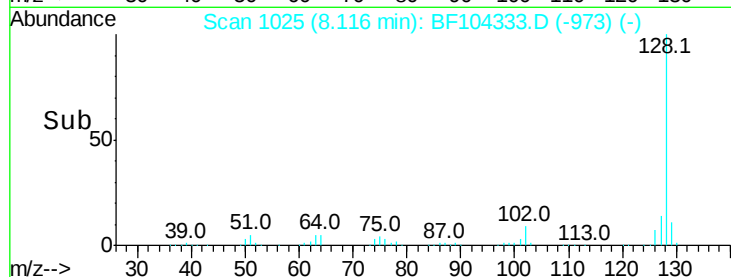
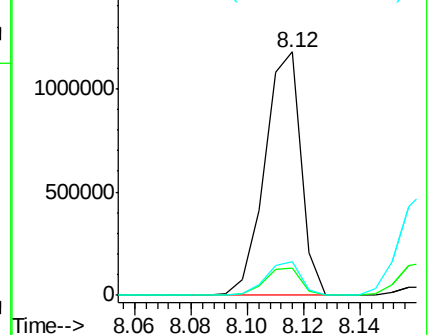
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.518 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

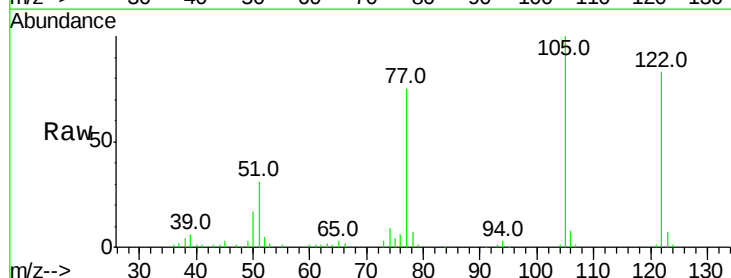
Tgt Ion:122 Resp: 254806

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

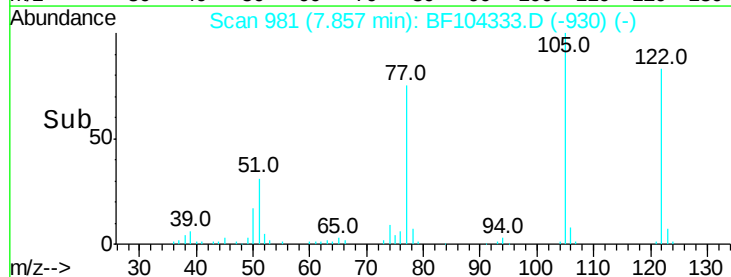
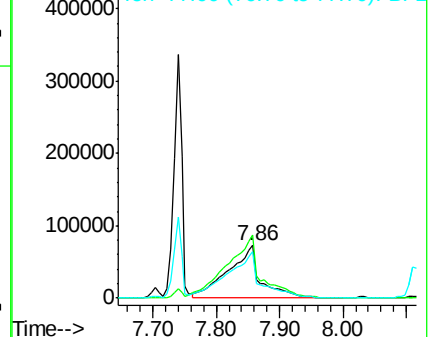
77 89.4 70.7 110.7

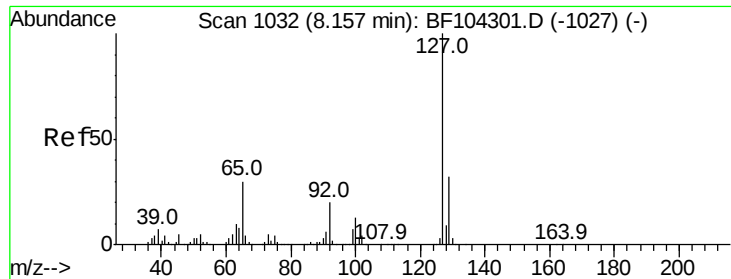


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

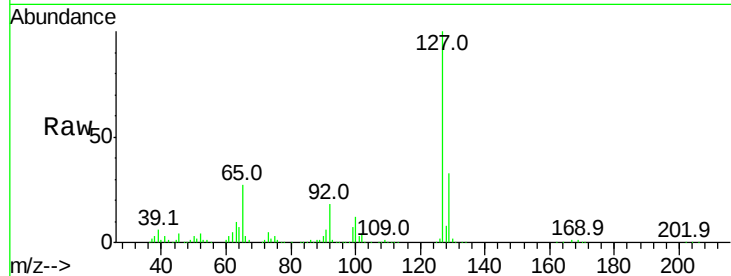




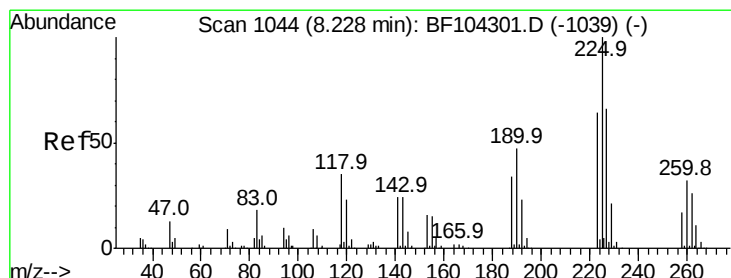
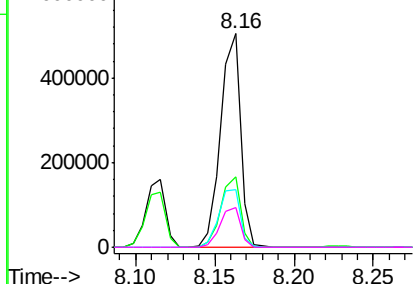
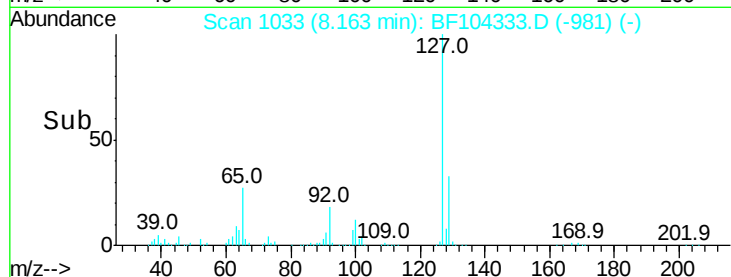
#33
4-Chloroaniline
Concen: 37.619 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	442564
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.1	25.0	37.4
92	18.4	15.2	22.8

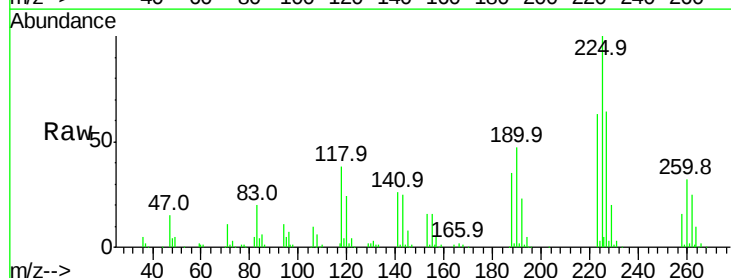


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

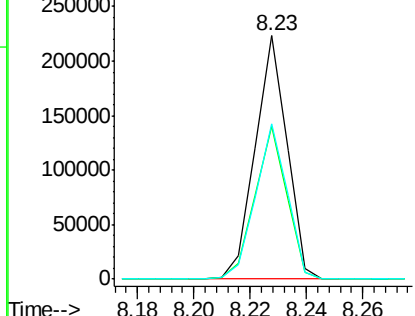
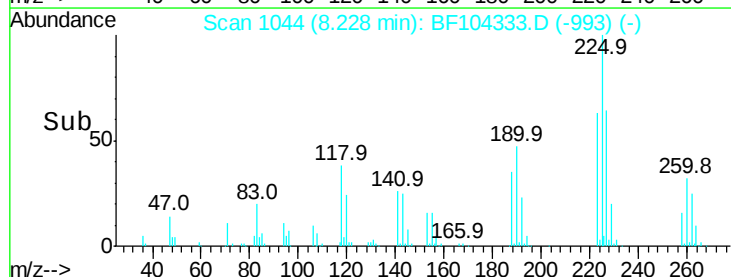


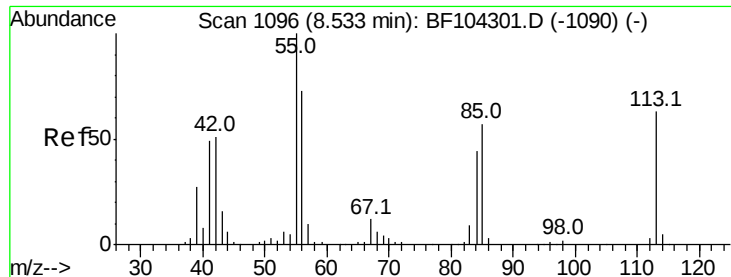
#34
Hexachlorobutadiene
Concen: 38.630 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:	225	Resp:	174632
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.7	51.9	77.9



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

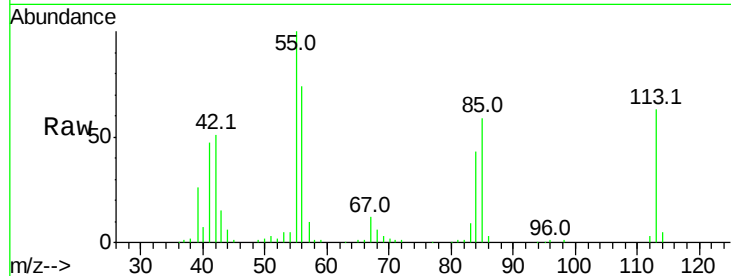




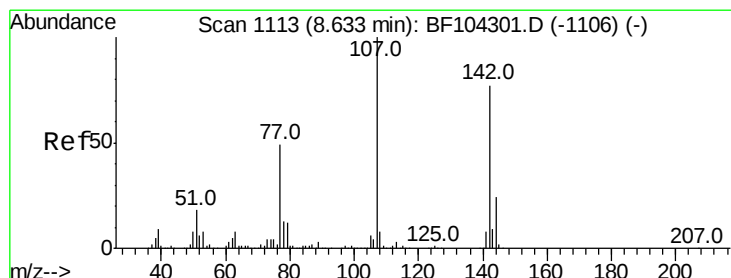
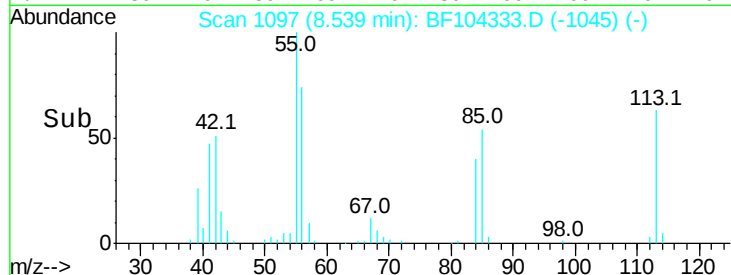
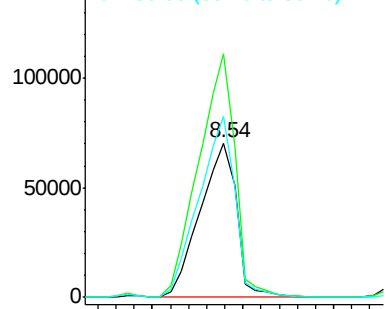
#35
 Caprolactam
 Concen: 37.373 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 98045
 Ion Ratio Lower Upper
 113 100
 55 158.0 163.3 203.3#
 56 117.6 115.7 155.7

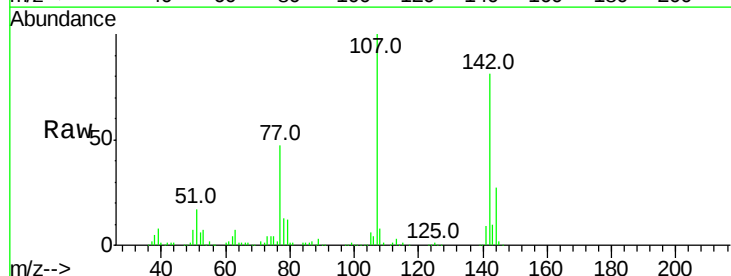


Abundance Ion 113.00 (112.70 to 113.70): E
 150000
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

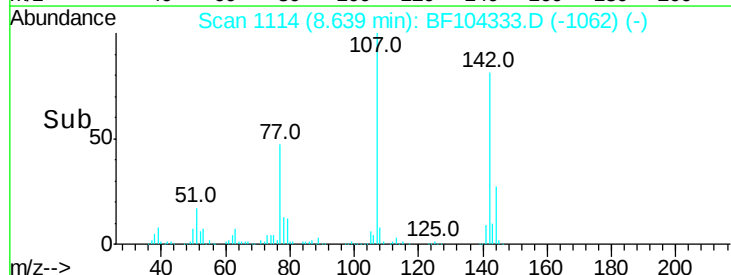
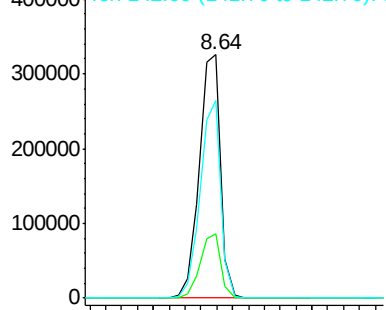


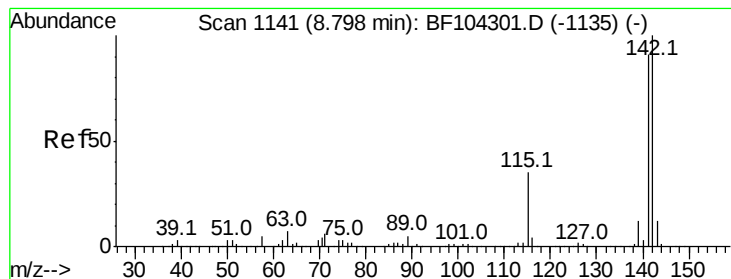
#36
 4-Chloro-3-methylphenol
 Concen: 37.399 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:107 Resp: 301573
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 81.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 400000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

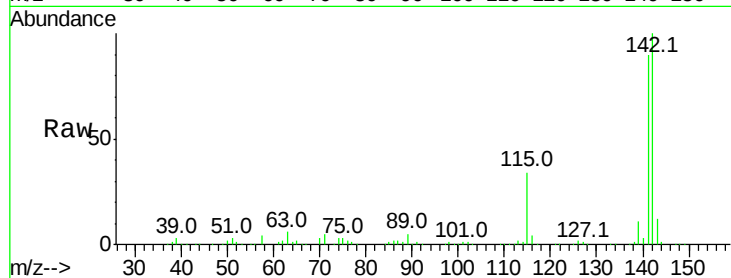




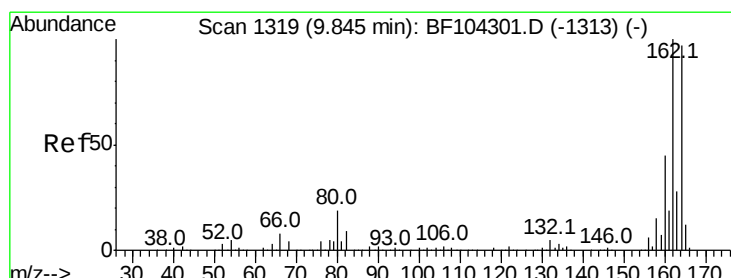
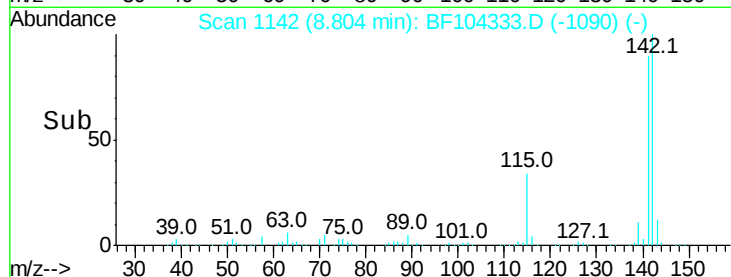
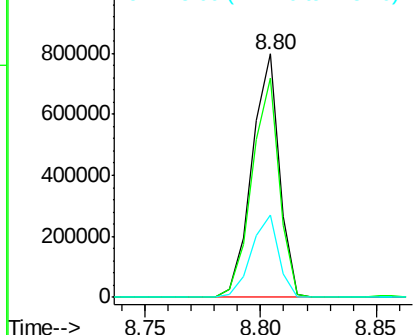
#37
2-Methylnaphthalene
Concen: 37.267 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.0	26.1	39.1

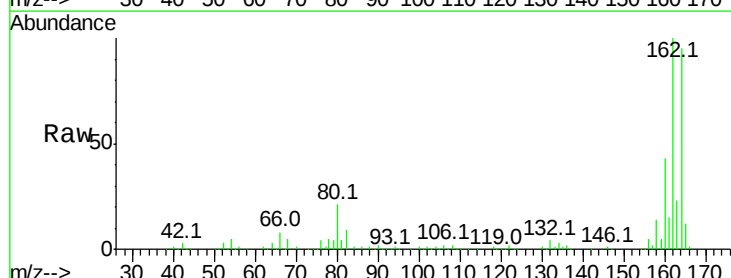


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

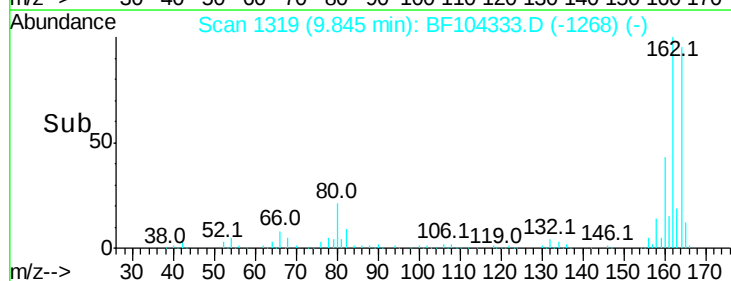
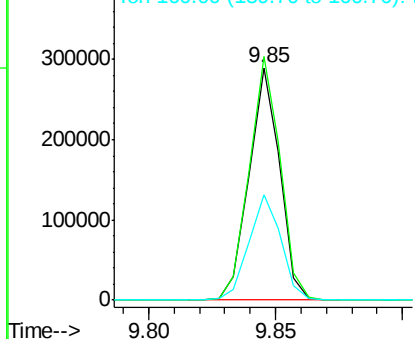


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.1	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.356 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 287756

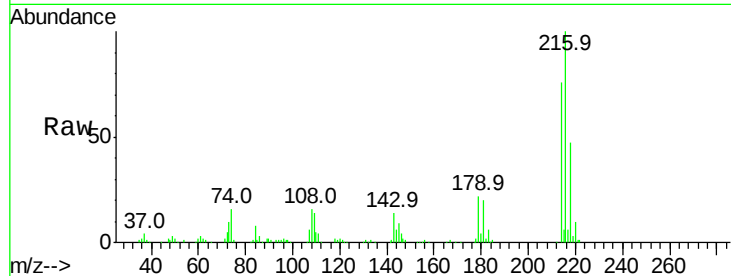
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.4 18.1 27.1

108 18.8 17.2 25.8

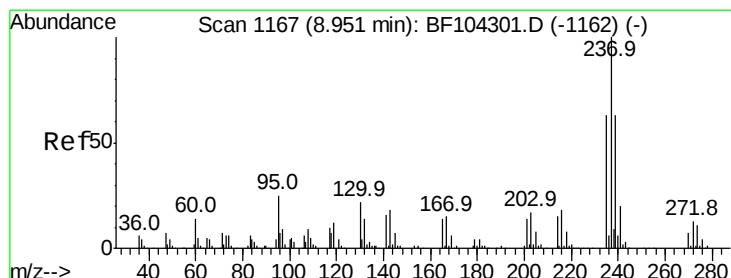
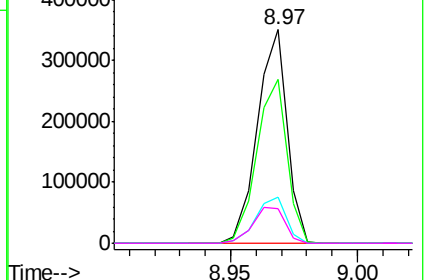
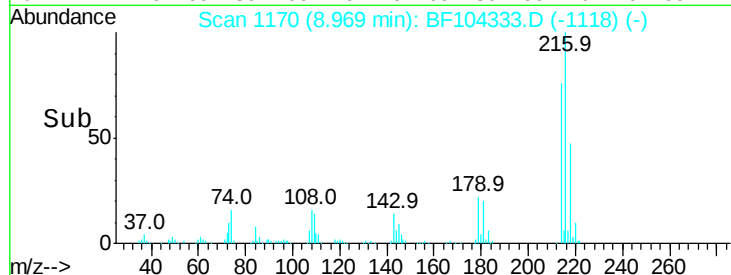


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.527 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

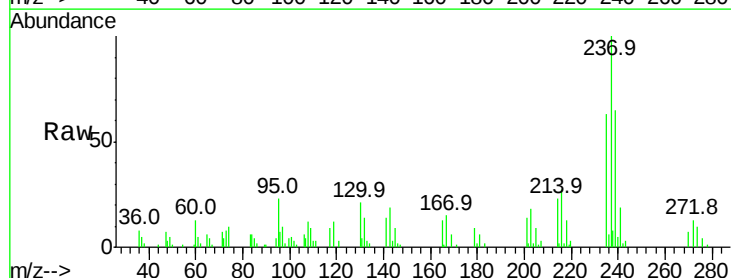
Tgt Ion:237 Resp: 33216

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

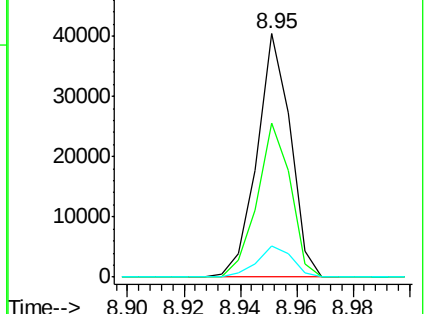
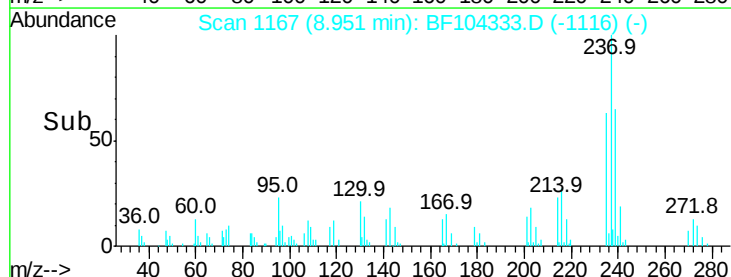
272 12.8 0.0 33.3

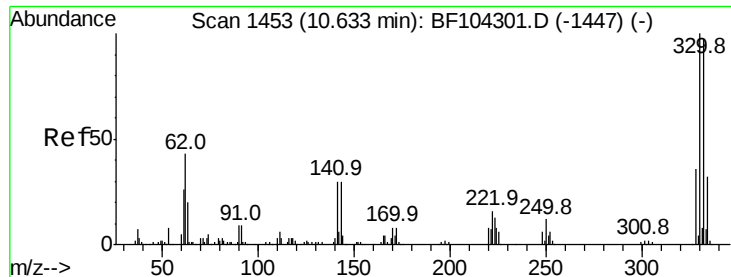


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

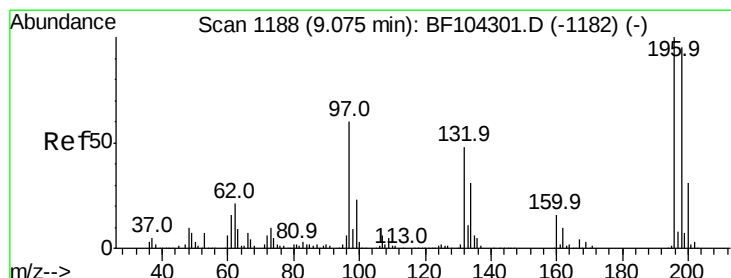
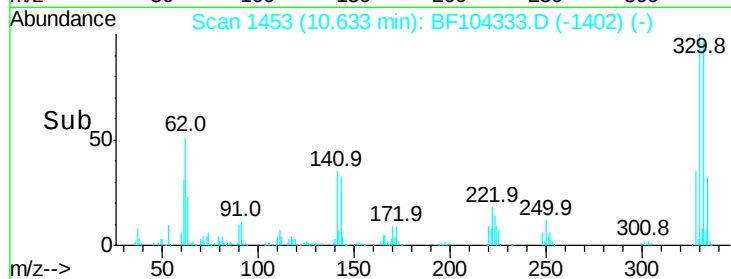
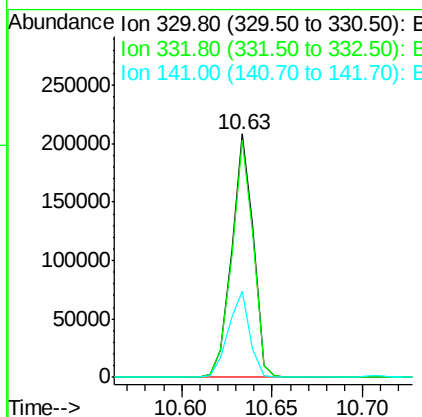
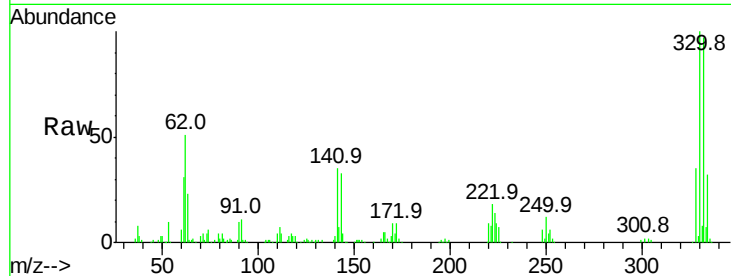




#41
 2,4,6-Tribromophenol
 Concen: 68.298 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

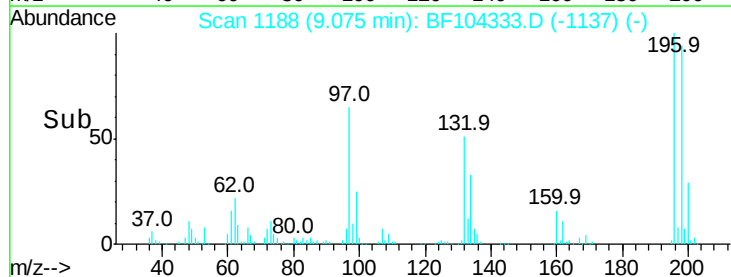
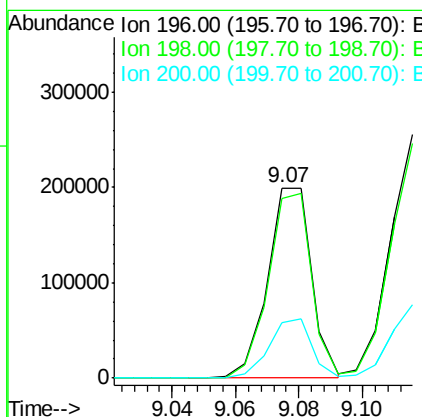
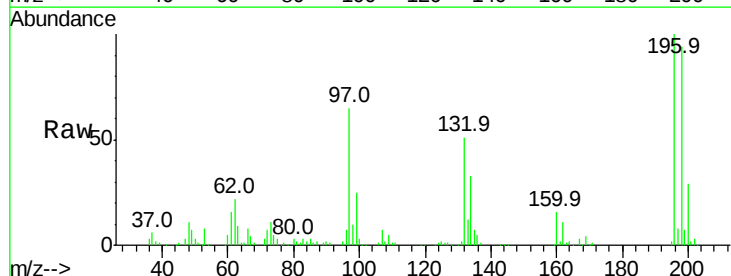
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.924 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	29.4	24.5	36.7

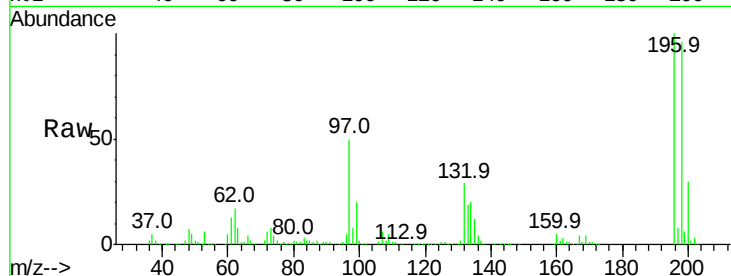




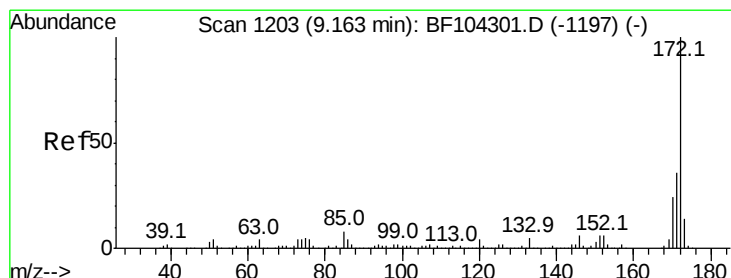
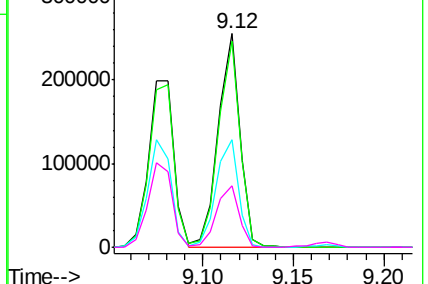
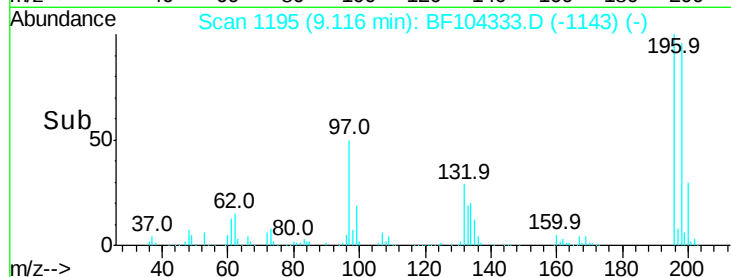
#43
 2,4,5-Trichlorophenol
 Concen: 39.373 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 212818
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.6 112.0
 97 50.4 42.9 64.3
 132 28.9 26.3 39.5

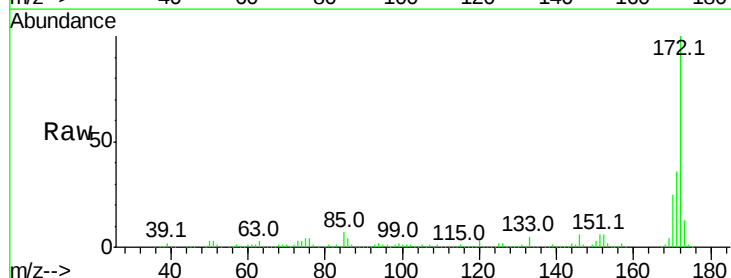


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

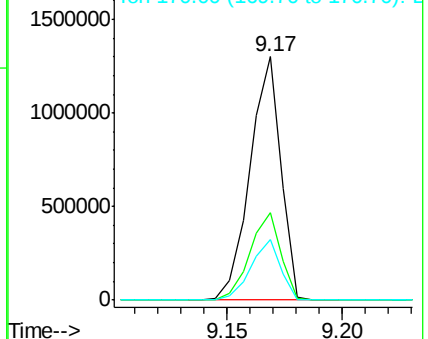
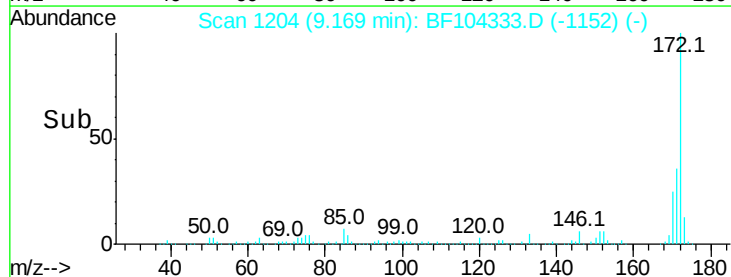


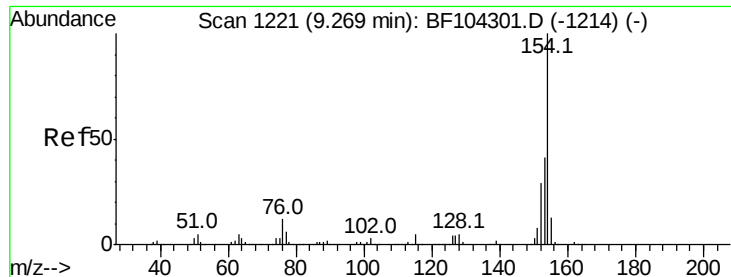
#44
 2-Fluorobiphenyl
 Concen: 78.999 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:172 Resp: 1215515
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.6 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

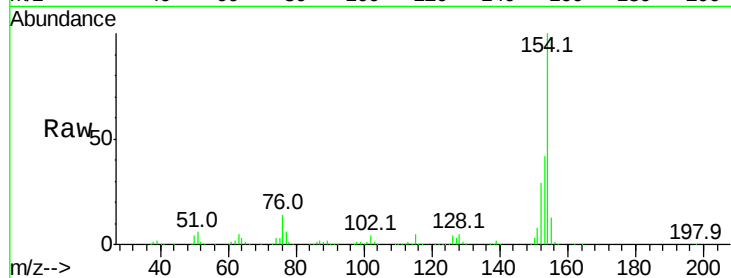




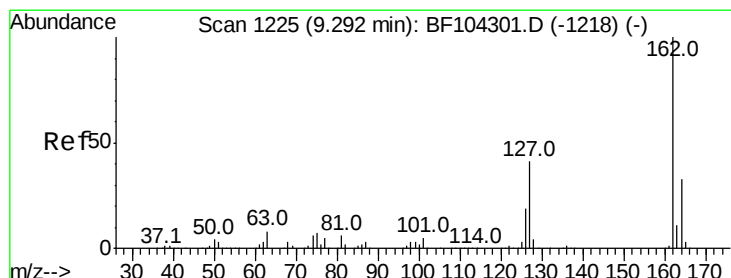
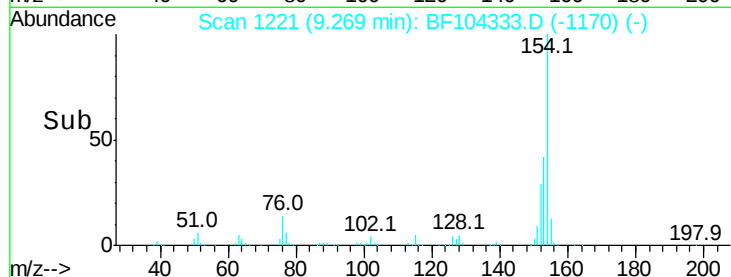
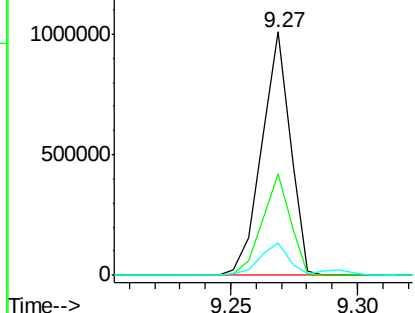
#45
 1,1'-Biphenyl
 Concen: 39.120 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	13.5	0.0	34.0

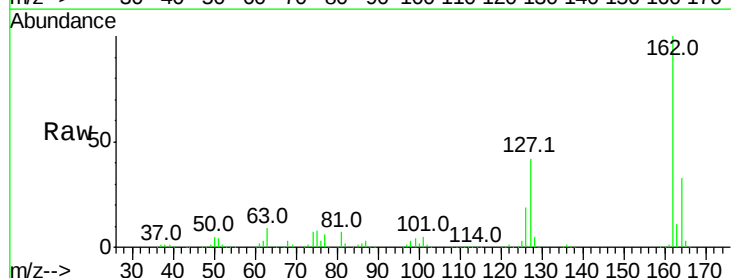


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

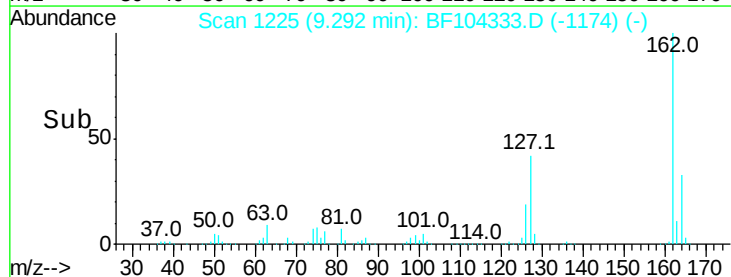
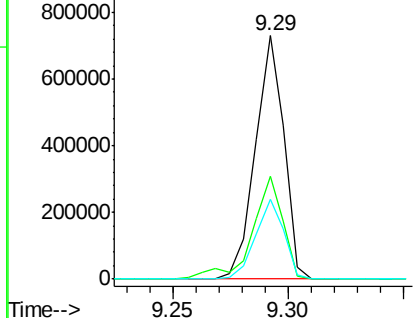


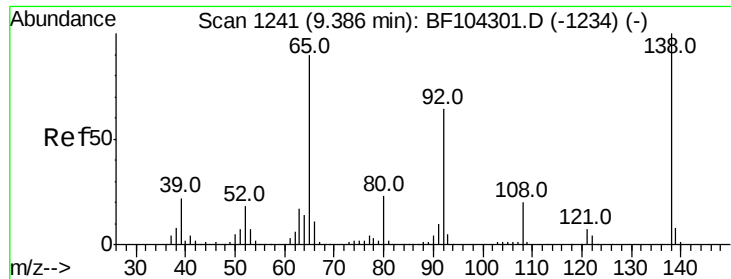
#46
 2-Chloronaphthalene
 Concen: 38.965 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	32.8	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

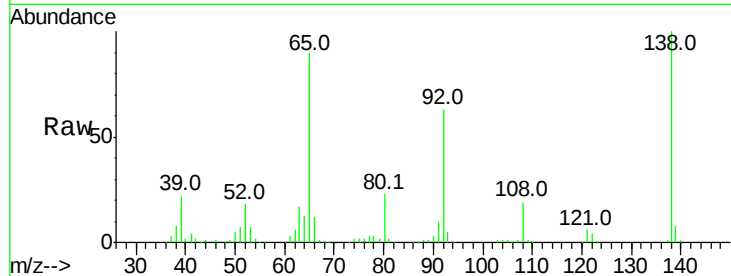




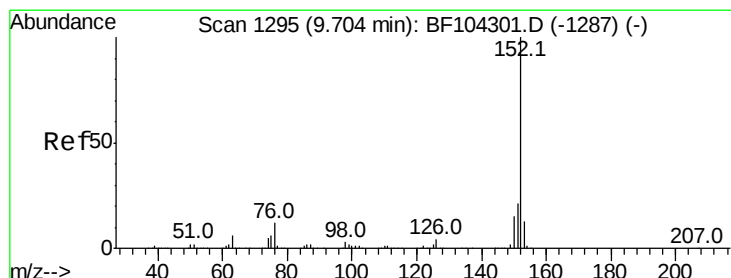
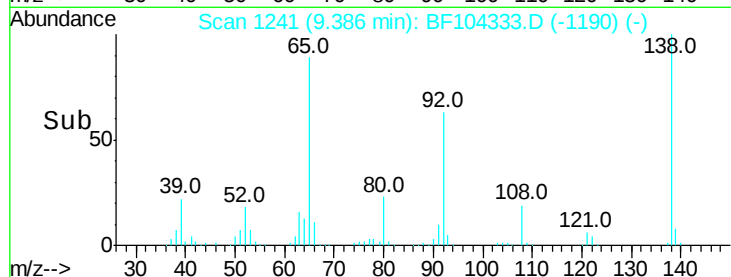
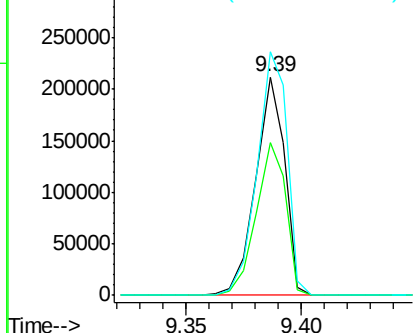
#47
2-Nitroaniline
Concen: 46.626 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 185974
Ion Ratio Lower Upper
65 100
92 70.3 55.8 83.6
138 111.7 91.2 136.8

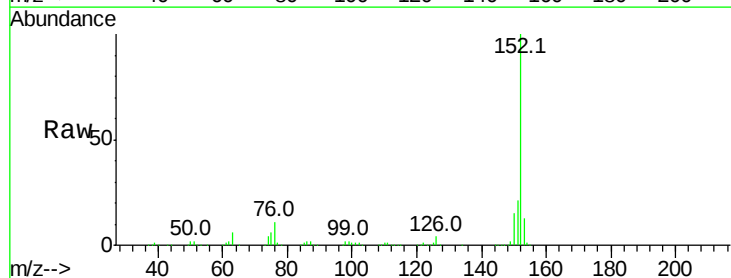


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

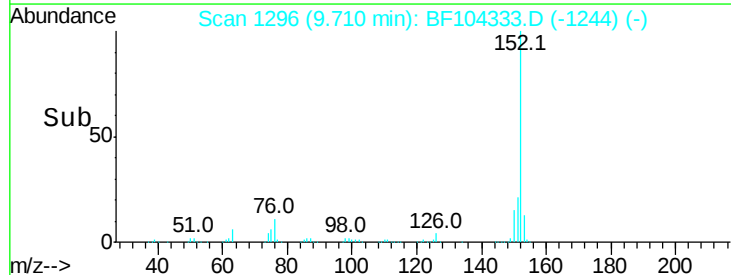
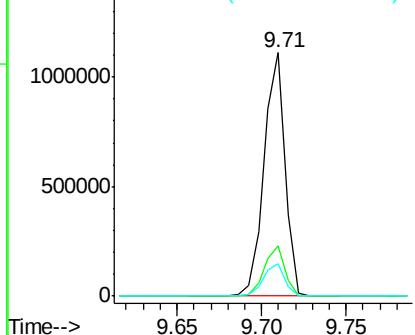


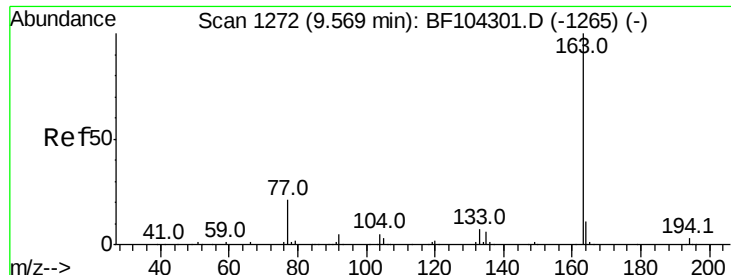
#48
Acenaphthylene
Concen: 37.712 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:152 Resp: 954313
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1



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

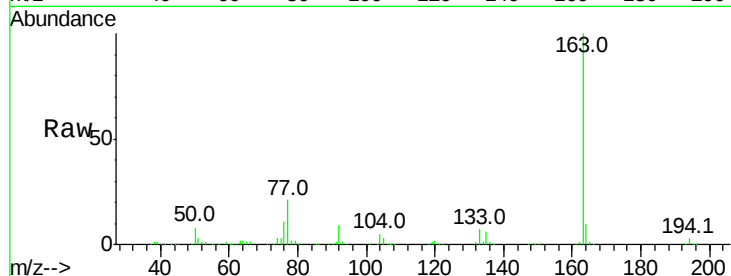




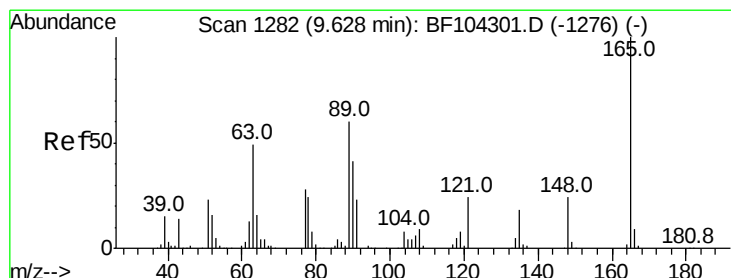
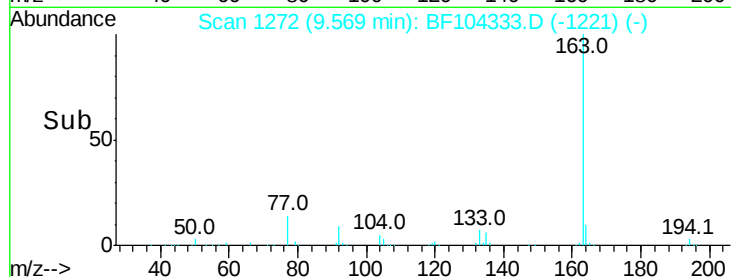
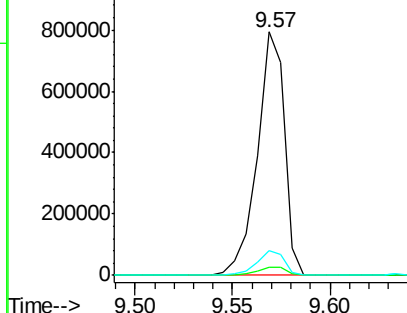
#49
Dimethylphthalate
Concen: 39.803 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 762932
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

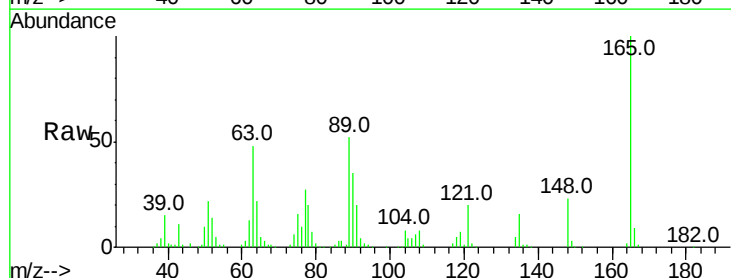


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

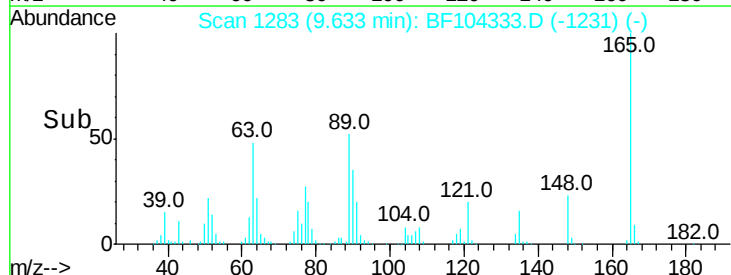
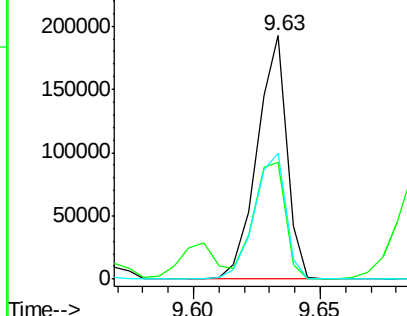


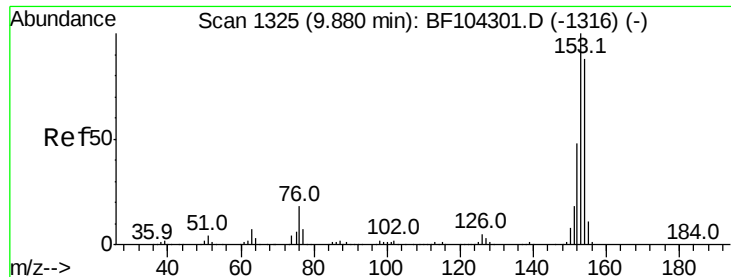
#50
2,6-Dinitrotoluene
Concen: 44.365 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:165 Resp: 157354
Ion Ratio Lower Upper
165 100
63 48.0 44.7 67.1
89 51.5 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: 36.336 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

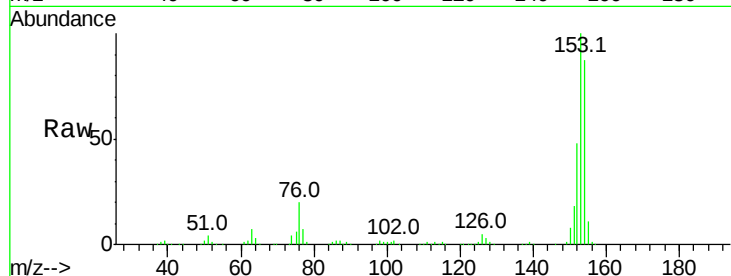
Tot Ion:154 Resp: 561024

Ion Ratio Lower Upper

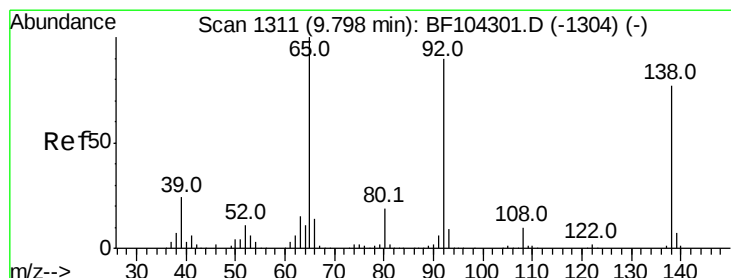
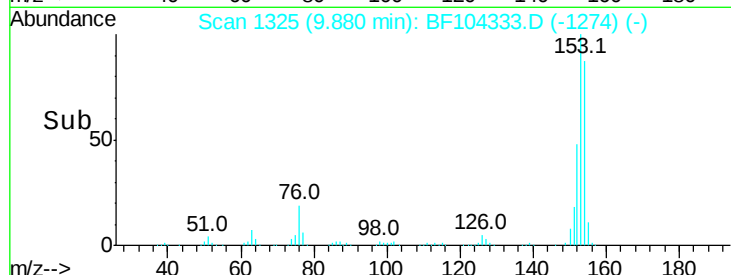
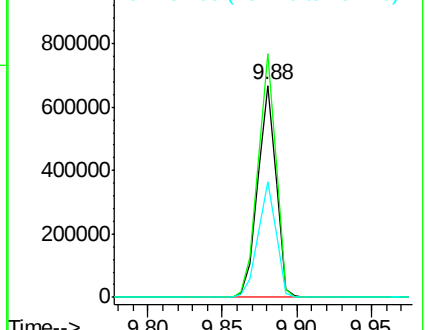
154 100

153 114.8 91.2 136.8

152 54.7 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: 44.400 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

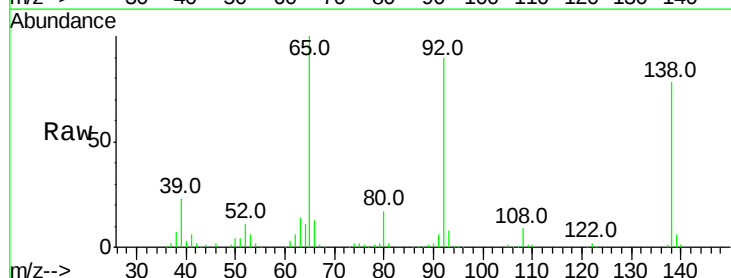
Tgt Ion:138 Resp: 184361

Ion Ratio Lower Upper

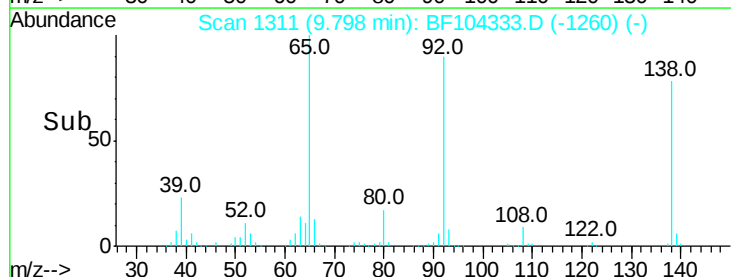
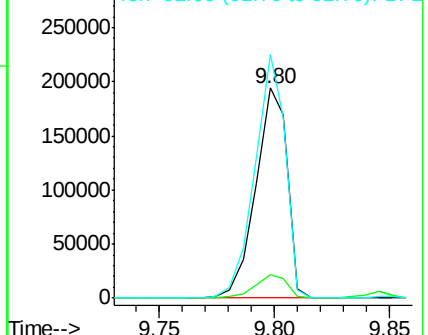
138 100

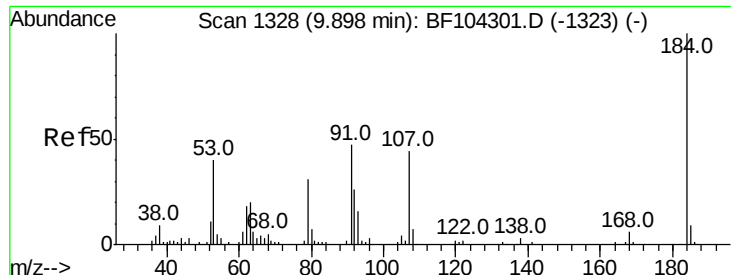
108 11.0 9.4 14.0

92 116.0 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

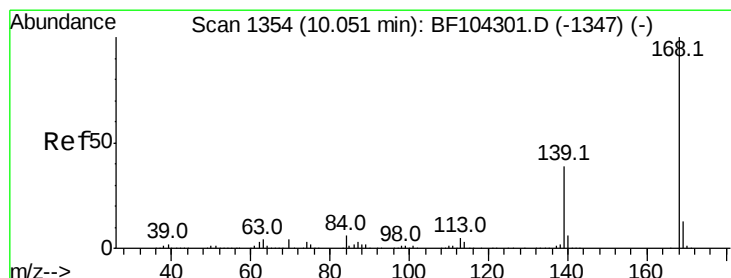
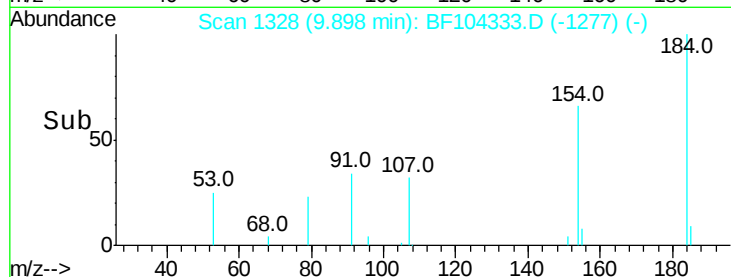
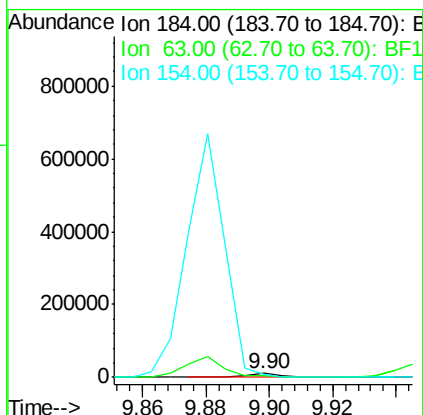
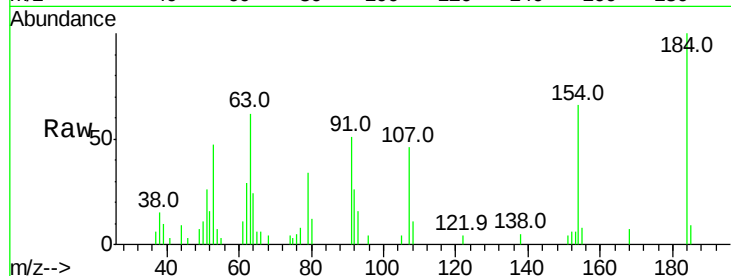




#53
 2,4-Dinitrophenol
 Concen: 12.709 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

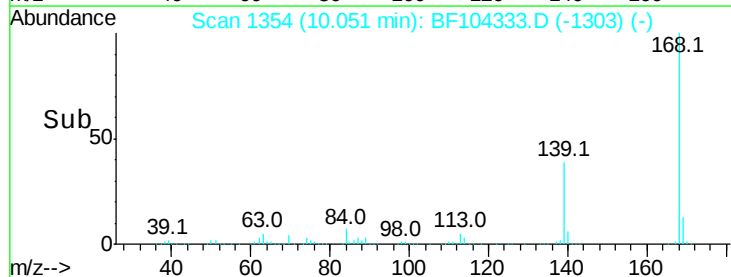
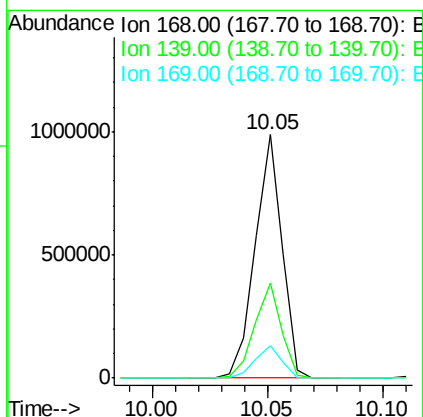
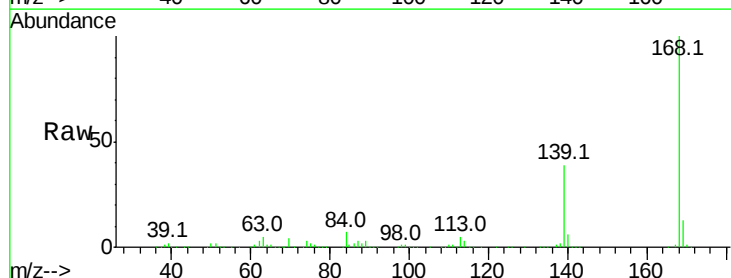
Instrument :
 BNA_F
 ClientSampleId :

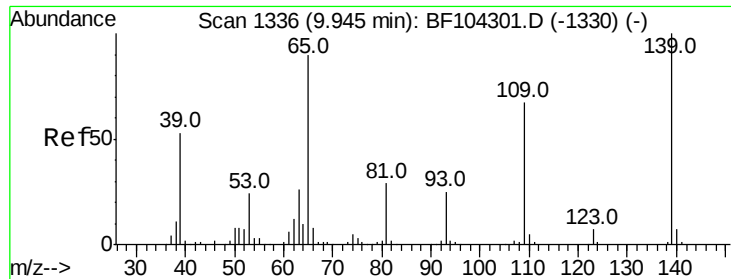
Tot Ion:184 Resp: 7747
 Ion Ratio Lower Upper
 184 100
 63 61.8 54.2 81.2
 154 66.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.496 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:168 Resp: 806801
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.3 10.9 16.3

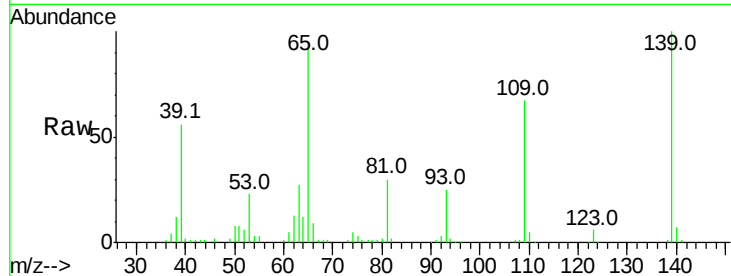




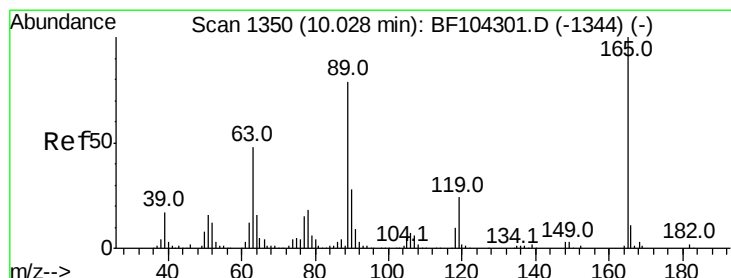
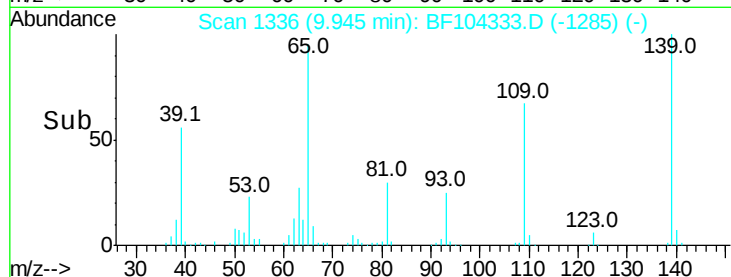
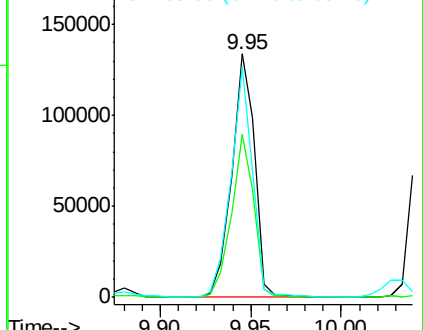
#55
4-Nitrophenol
Concen: 35.932 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.8	48.4	88.4
65	95.0	72.6	112.6

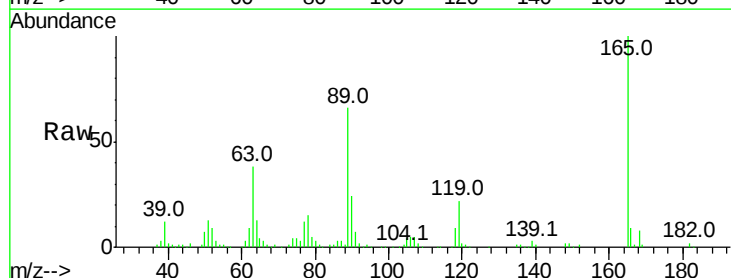


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

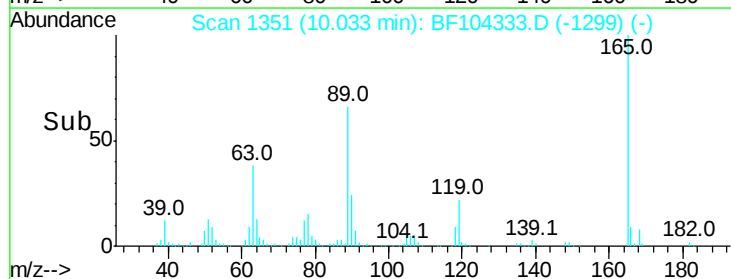
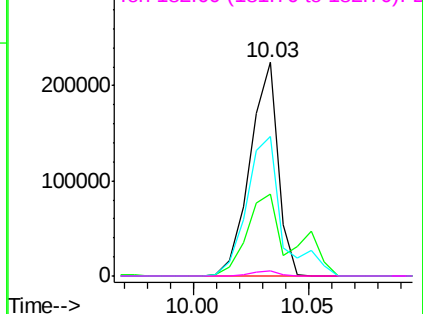


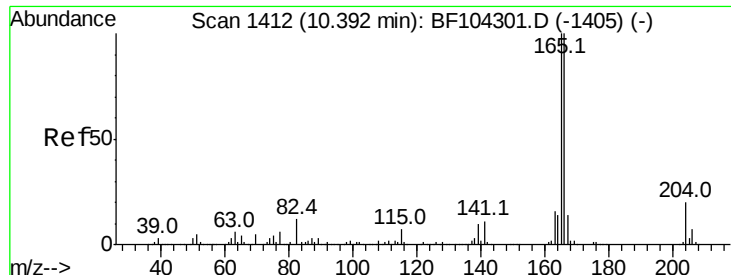
#56
2,4-Dinitrotoluene
Concen: 41.016 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.5	36.4	54.6
89	65.5	57.8	86.6
182	2.3	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: 37.411 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

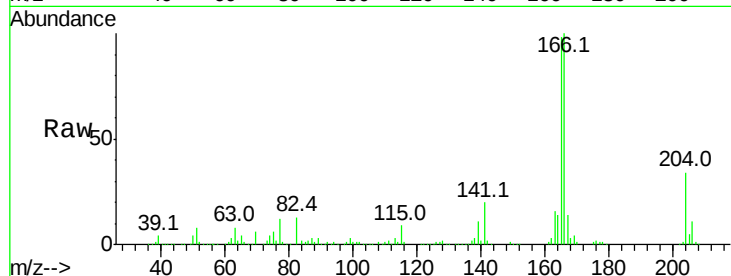
Tot Ion:166 Resp: 585915

Ion Ratio Lower Upper

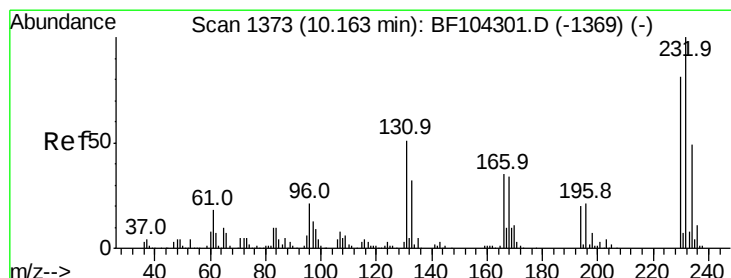
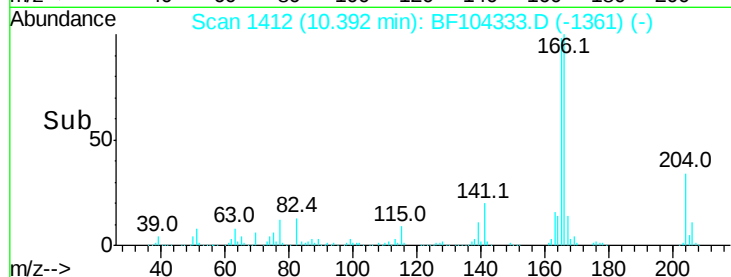
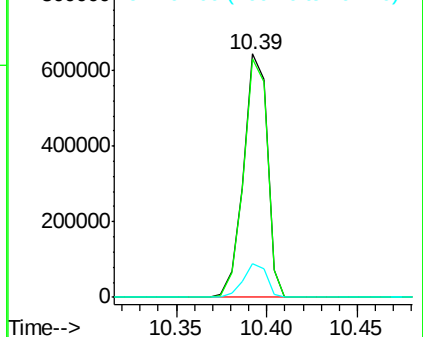
166 100

165 98.0 79.8 119.8

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.368 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:232 Resp: 142621

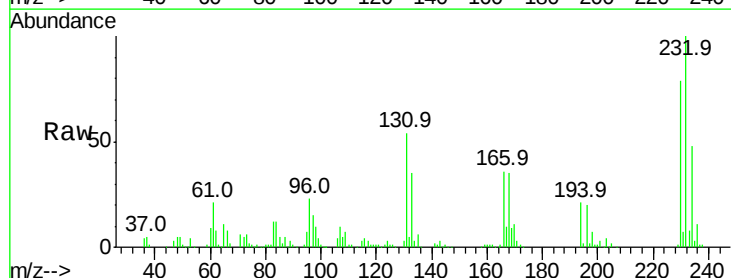
Ion Ratio Lower Upper

232 100

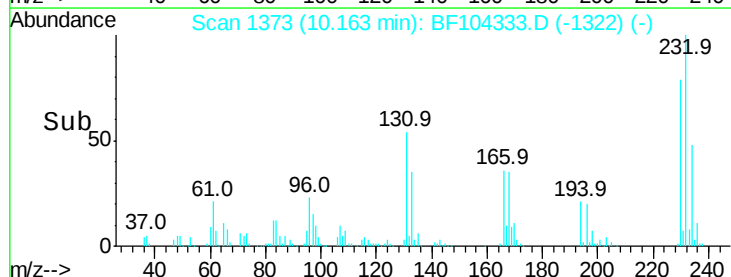
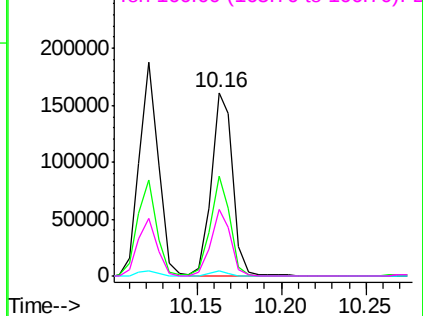
131 50.3 43.8 65.8

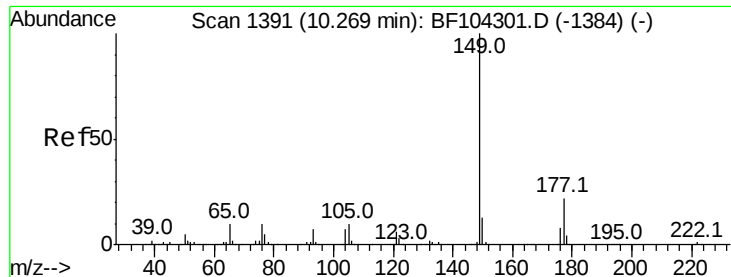
130 2.4 2.1 3.1

166 33.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

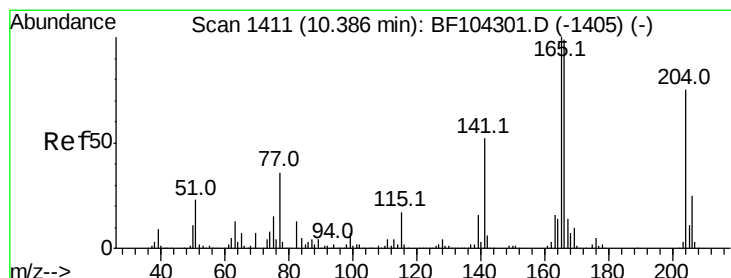
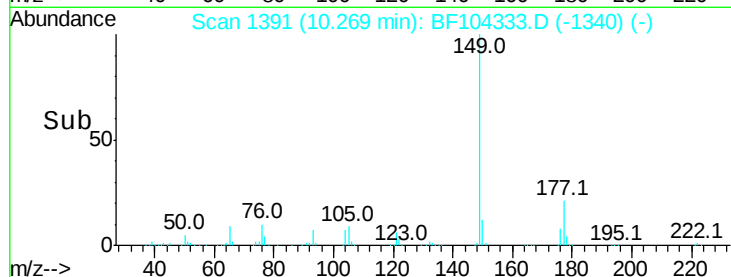
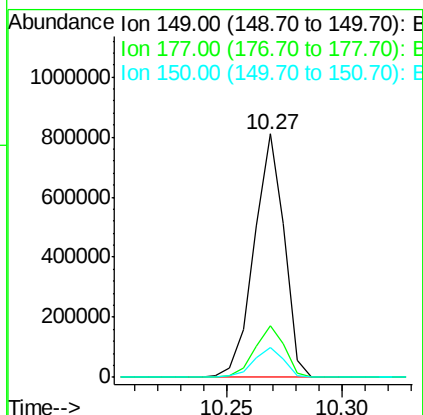
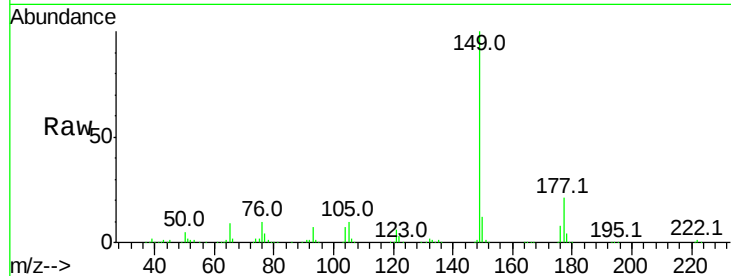




#59
Diethylphthalate
Concen: 38.512 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

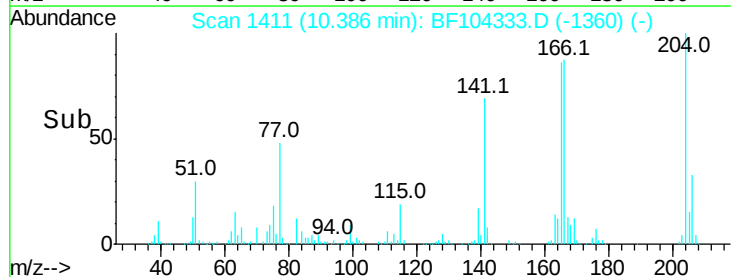
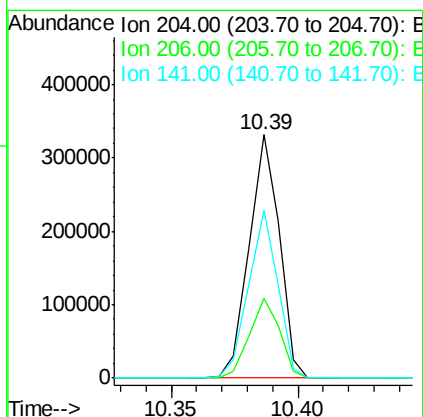
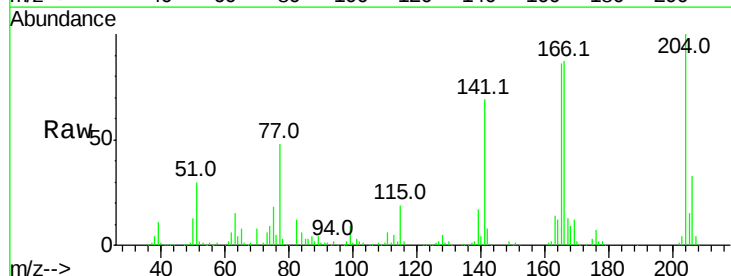
Instrument :
BNA_F
ClientSampled :

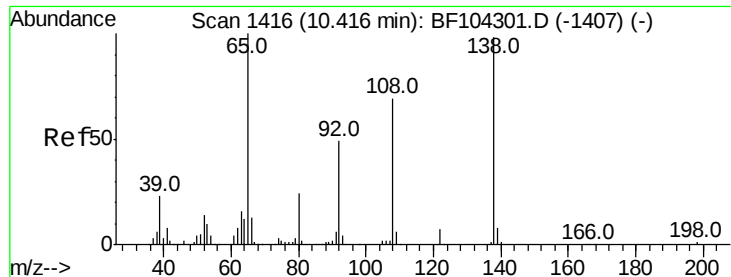
Tot Ion:149 Resp: 735192
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.507 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:204 Resp: 275555
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 68.9 54.6 81.8

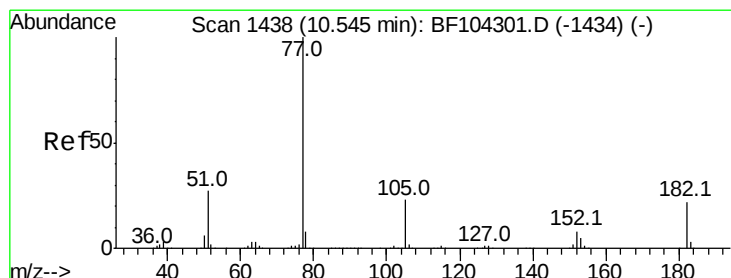
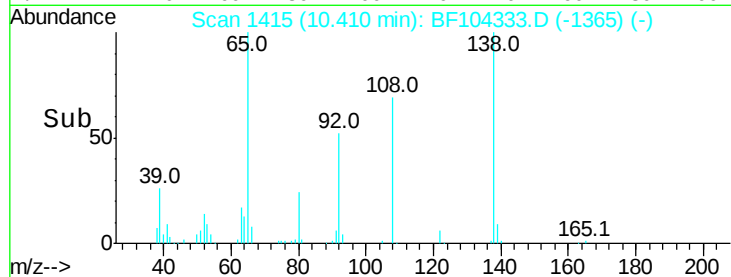
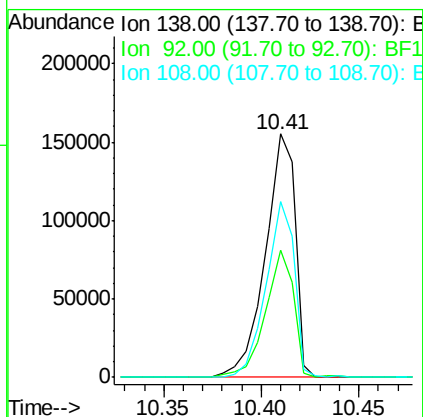
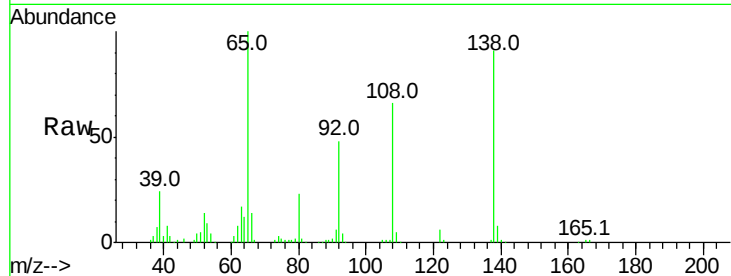




#61
4-Nitroaniline
Concen: 40.670 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

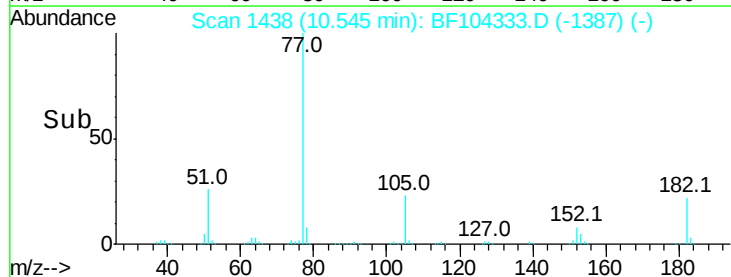
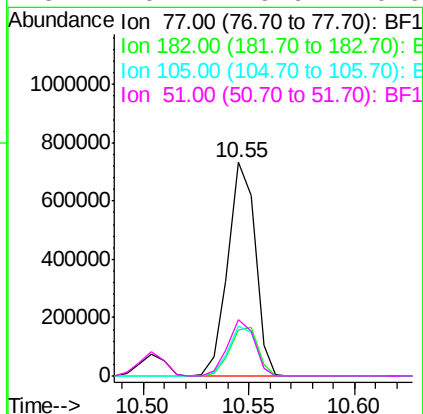
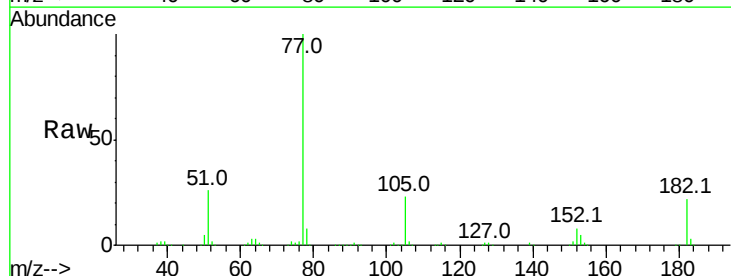
Instrument :
BNA_F
ClientSampleId :

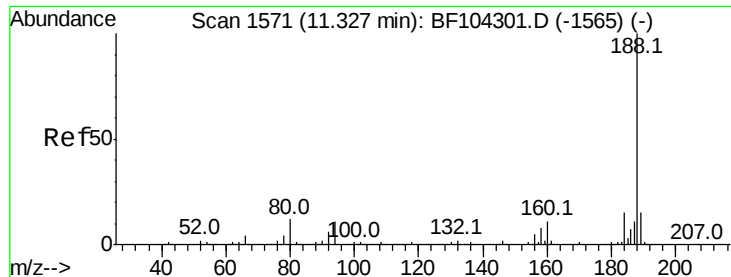
Tot Ion:138 Resp: 165117
Ion Ratio Lower Upper
138 100
92 52.2 30.2 70.2
108 72.4 52.5 92.5



#62
Azobenzene
Concen: 35.923 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion: 77 Resp: 655172
Ion Ratio Lower Upper
77 100
182 21.6 1.7 41.7
105 23.2 3.0 43.0
51 26.2 9.9 49.9

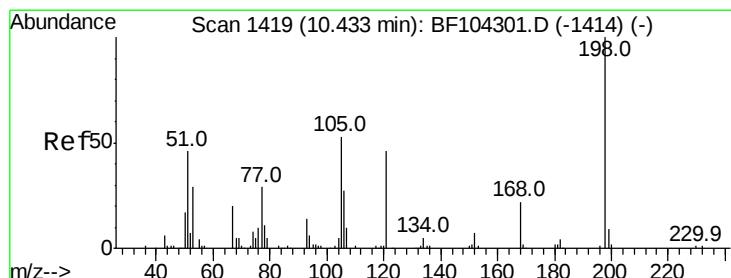
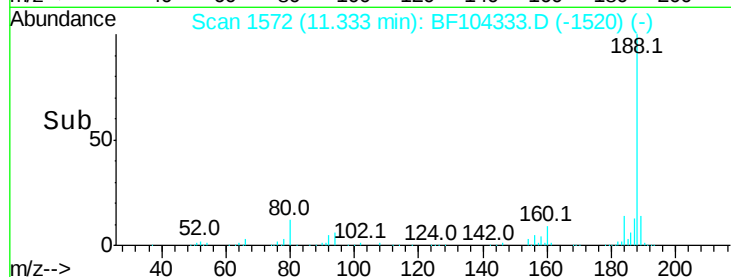
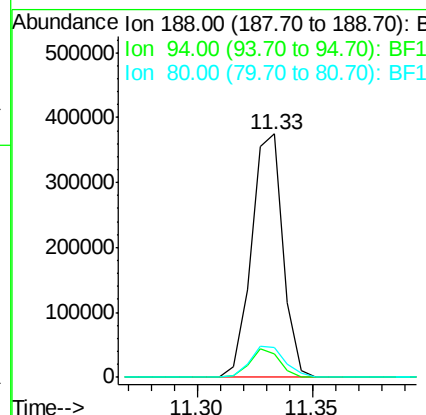
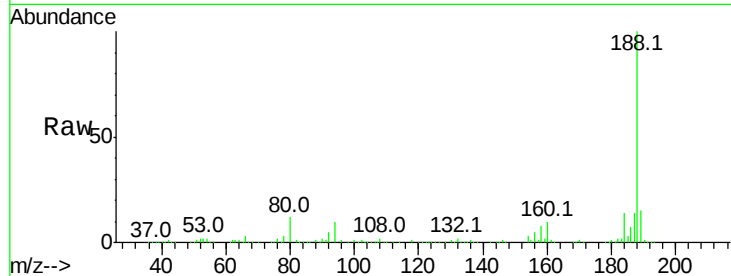




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

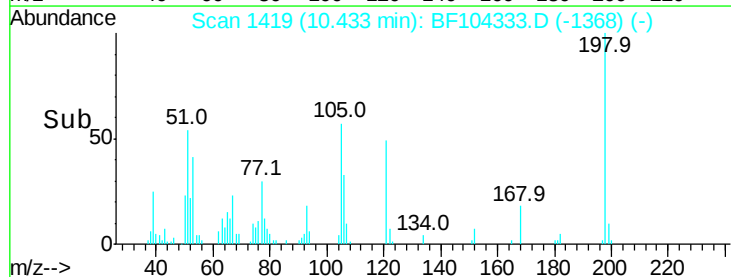
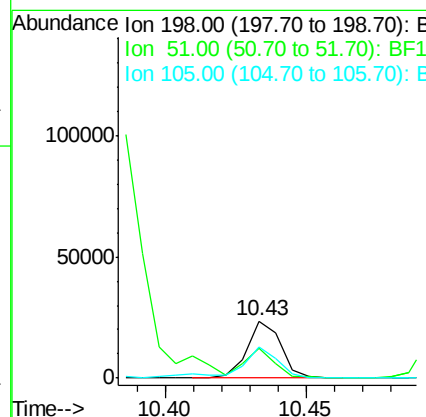
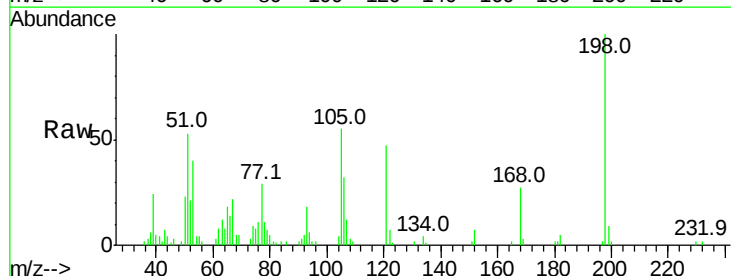
Instrument :
 BNA_F
 ClientSampled :

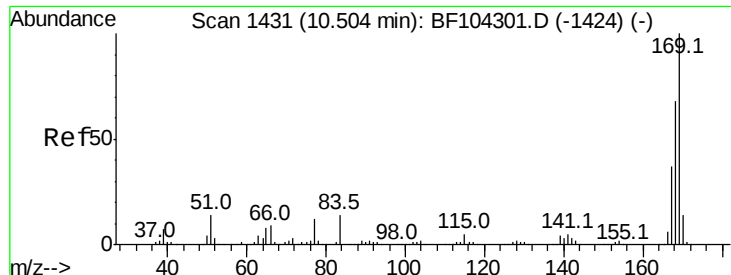
Tot Ion:188 Resp: 356140
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.716 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:198 Resp: 19187
 Ion Ratio Lower Upper
 198 100
 51 52.5 37.7 77.7
 105 55.4 36.3 76.3

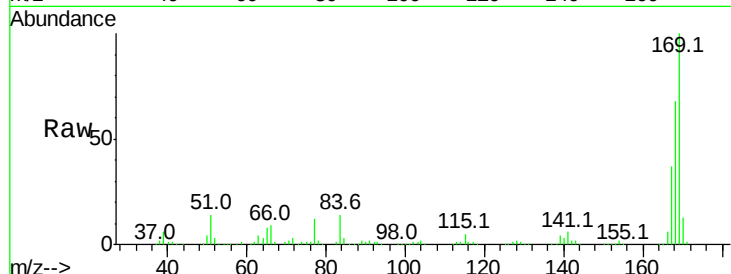




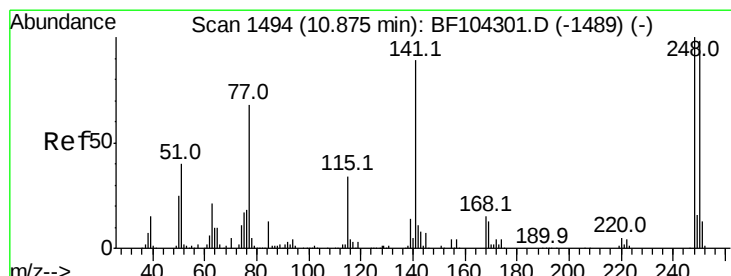
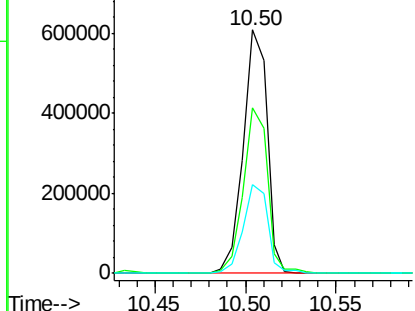
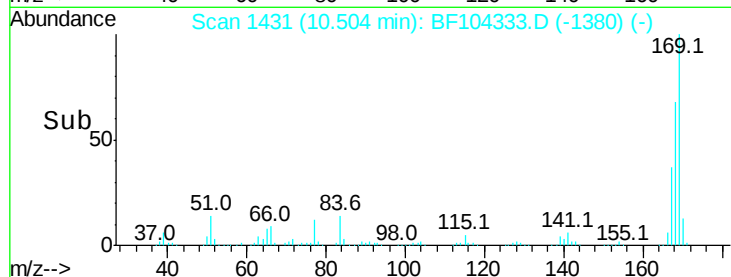
#65
 n-Nitrosodiphenylamine
 Concen: 45.135 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.7	29.8	44.6

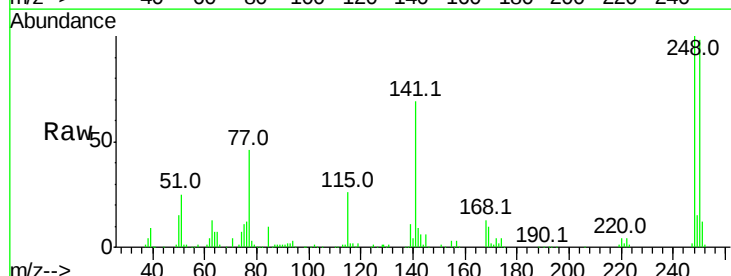


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

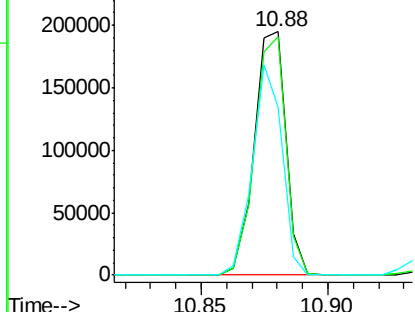
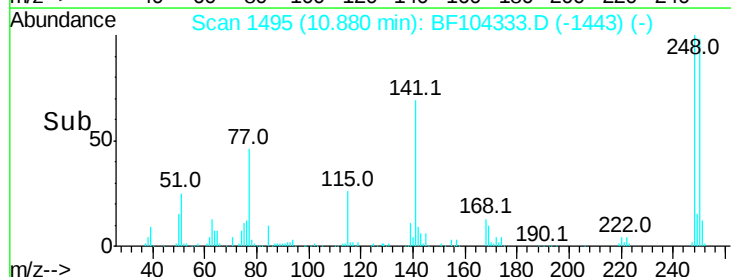


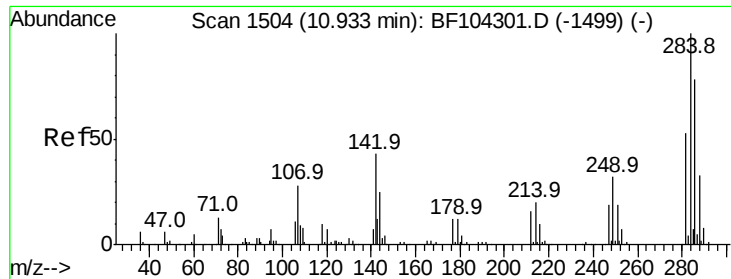
#66
 4-Bromophenyl-phenylether
 Concen: 44.944 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	69.2	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

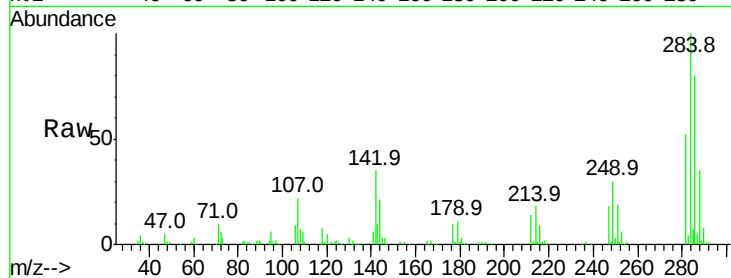




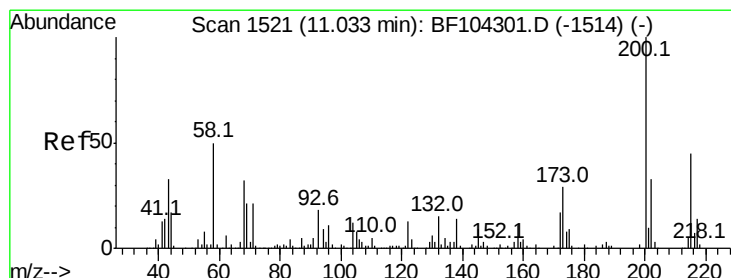
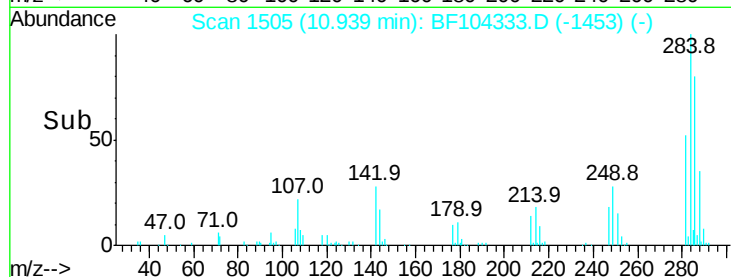
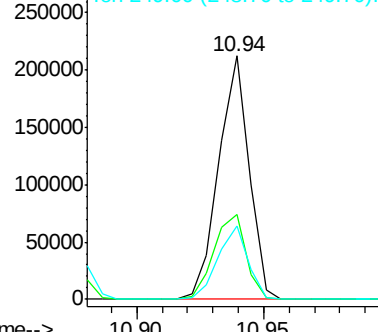
#67
Hexachlorobenzene
Concen: 41.543 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 177076
Ion Ratio Lower Upper
284 100
142 34.9 34.6 52.0
249 30.3 24.8 37.2

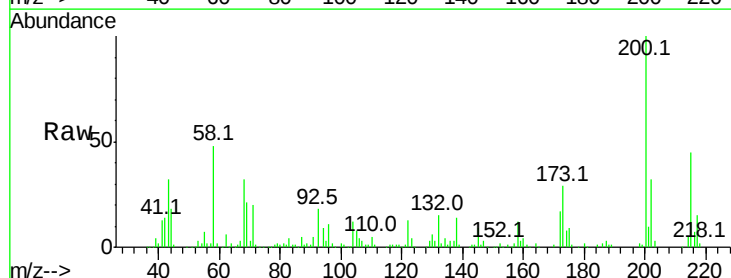


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

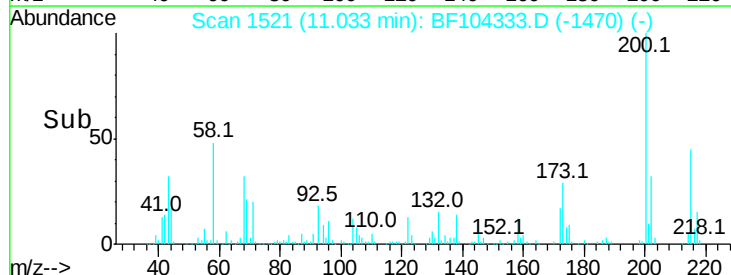
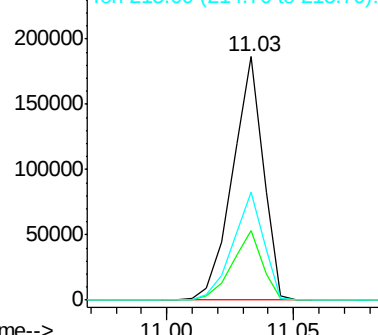


#68
Atrazine
Concen: 42.329 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:200 Resp: 157772
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 44.6 25.1 65.1



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





#69

Pentachlorophenol

Concen: 36.309 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

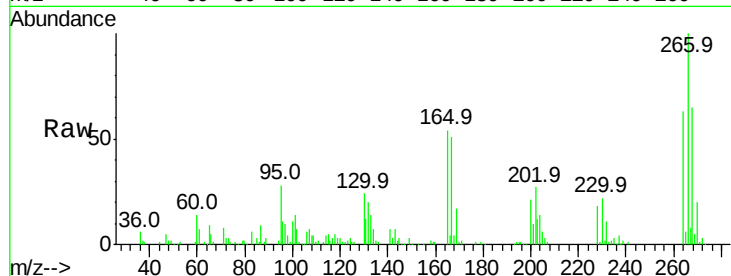
Tot Ion:266 Resp: 95747

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

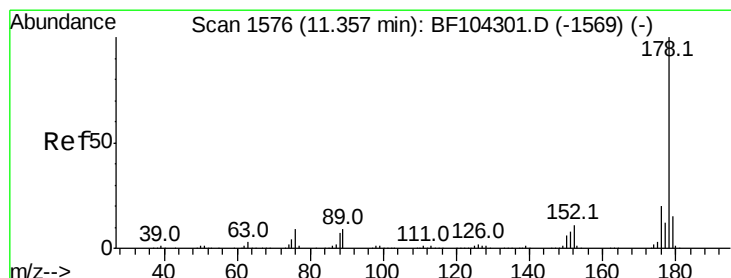
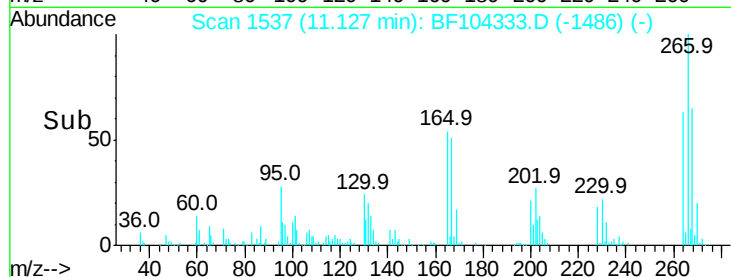
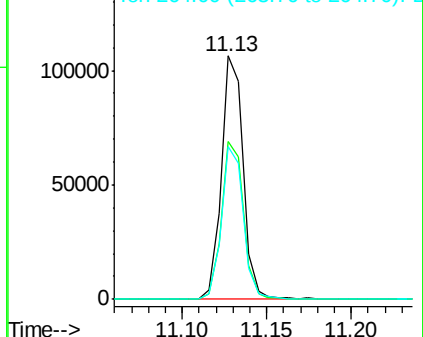
264 62.7 49.5 74.3



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: 38.608 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

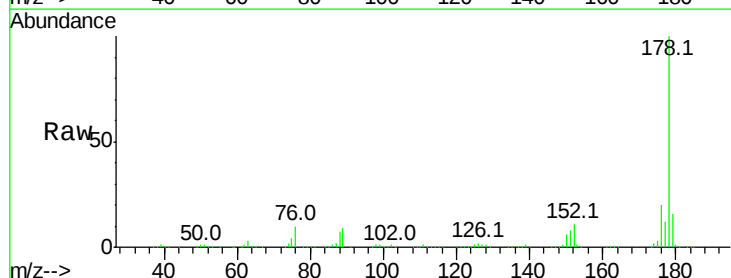
Tgt Ion:178 Resp: 765723

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

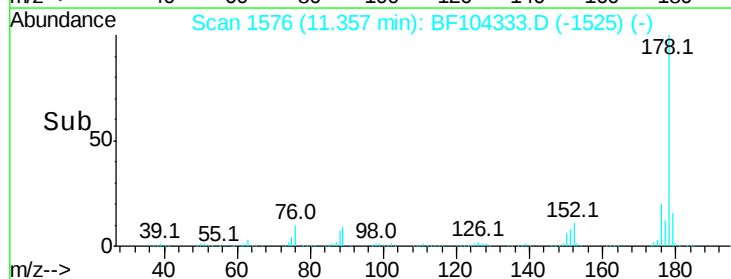
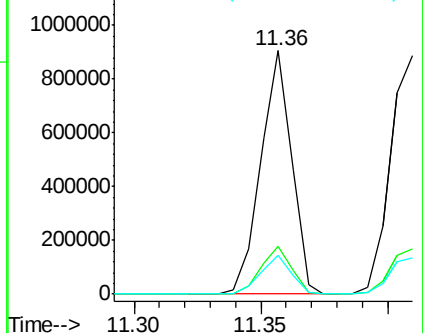
179 15.8 13.0 19.6



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

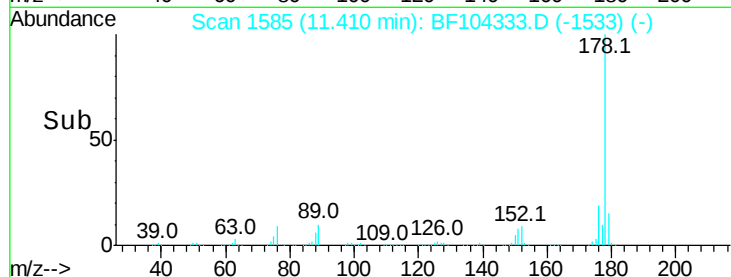
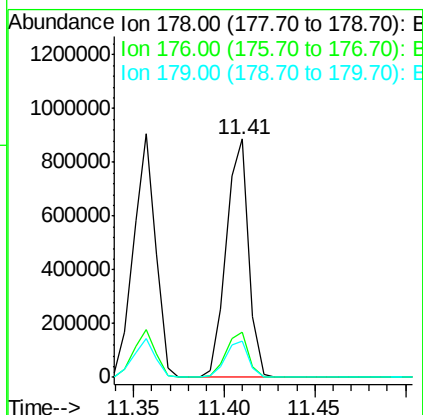
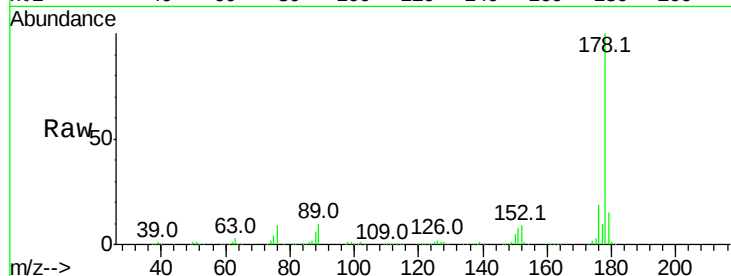




#71
 Anthracene
 Concen: 37.749 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

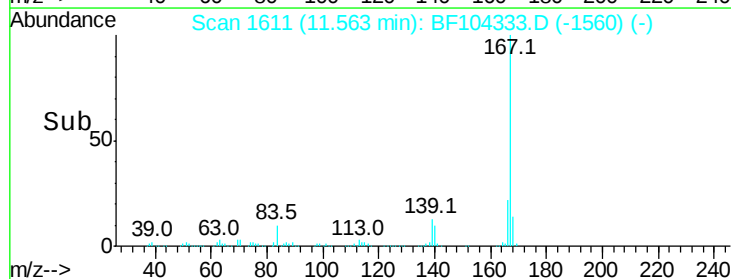
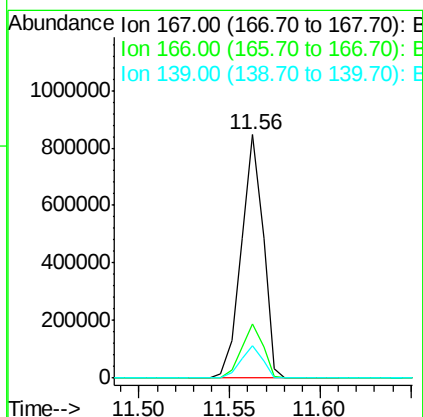
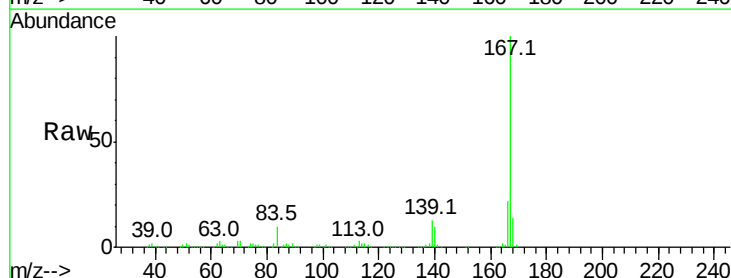
Instrument :
 BNA_F
 ClientSampleId :

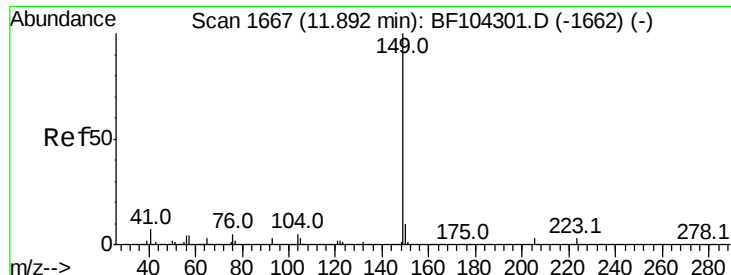
Tot Ion:178 Resp: 761054
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 35.851 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:167 Resp: 706291
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.713 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

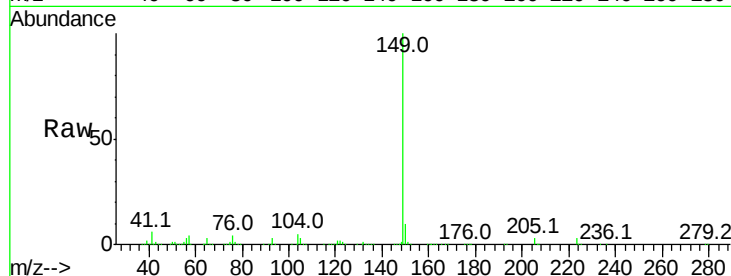
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1003827

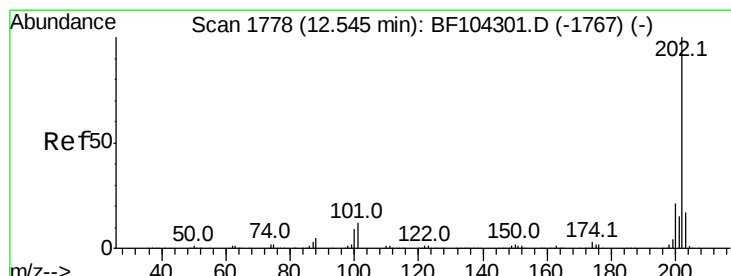
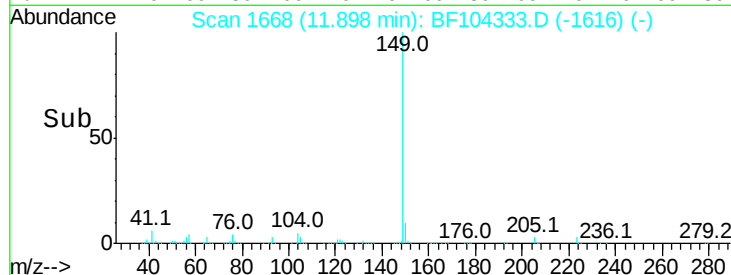
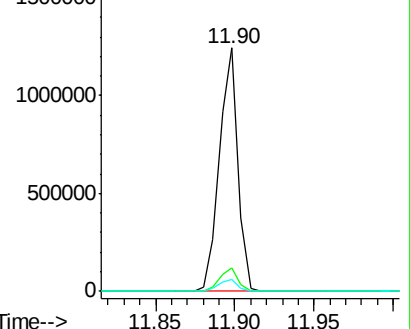
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8



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: 32.129 ng

RT: 12.55 min Scan# 1778

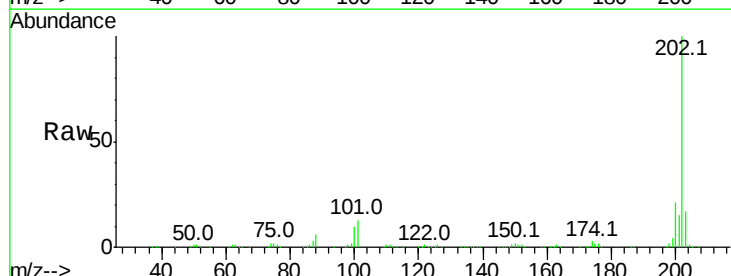
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:202 Resp: 665775

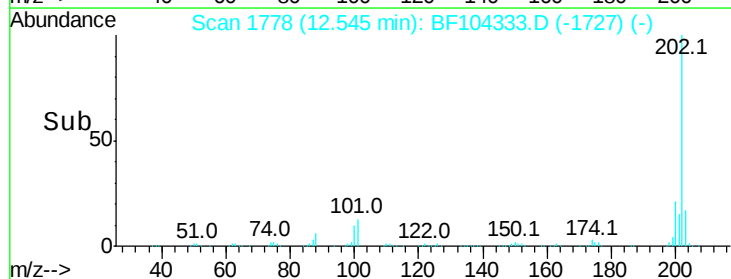
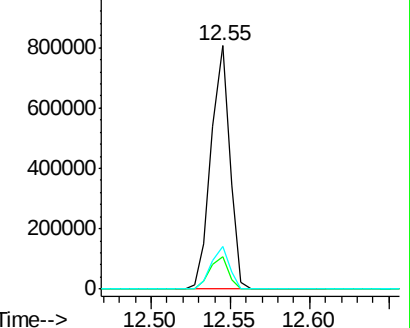
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.5	0.0	38.1

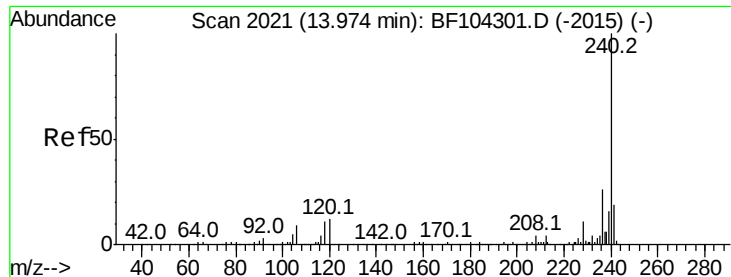


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

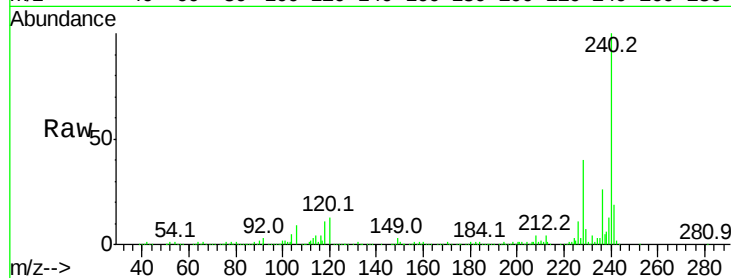
Tot Ion:240 Resp: 256176

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

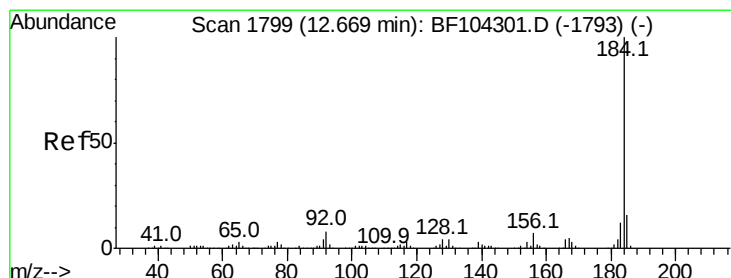
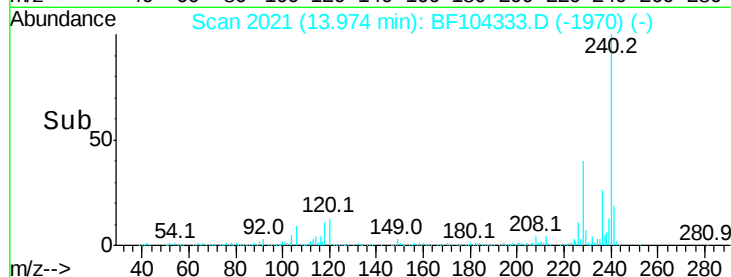
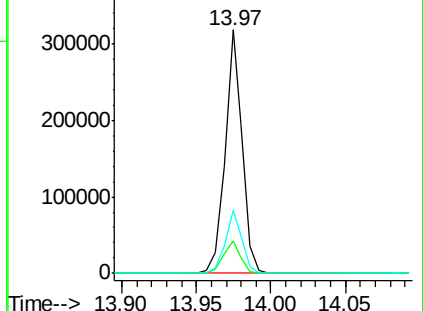
236 25.8 20.7 31.1



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: 37.955 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

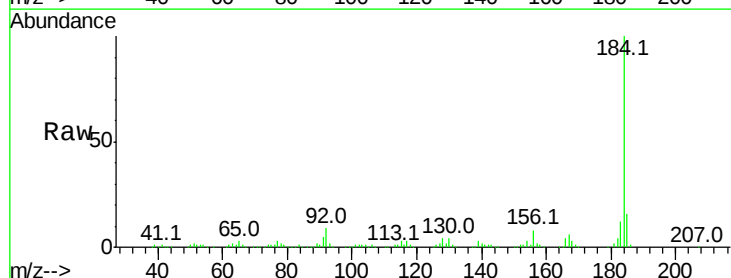
Tgt Ion:184 Resp: 334439

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

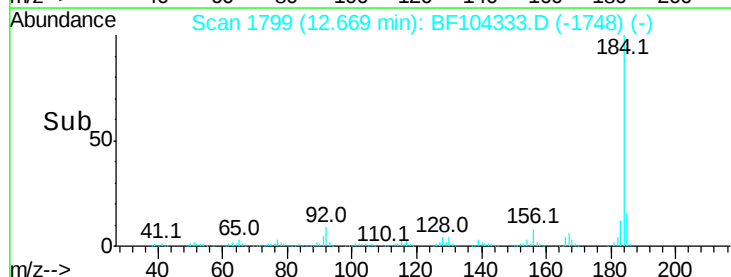
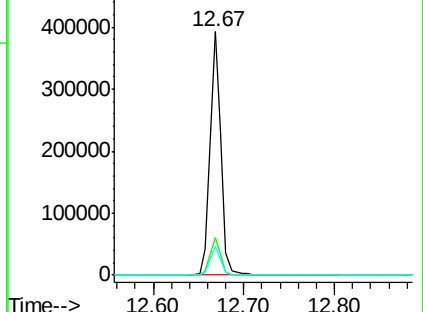
183 11.6 9.3 13.9

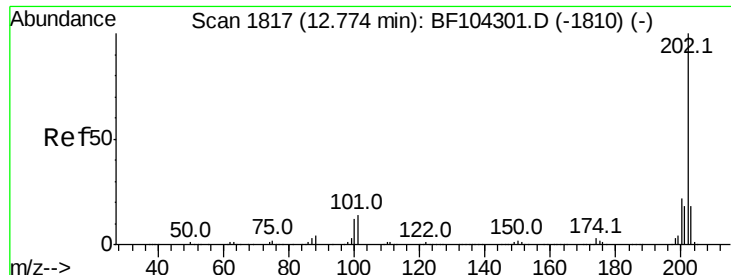


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

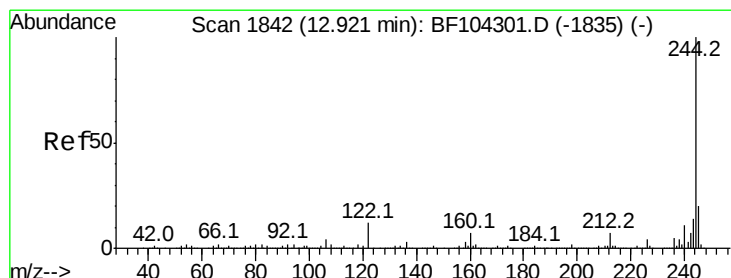
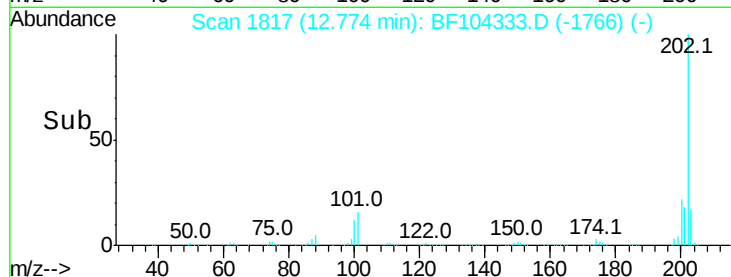
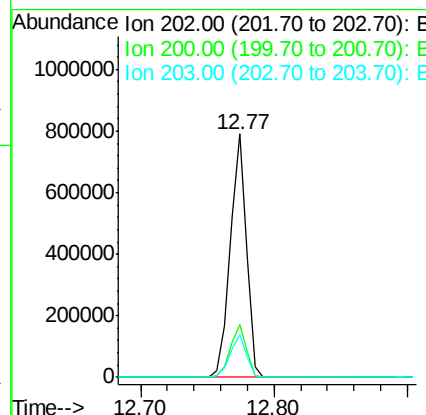
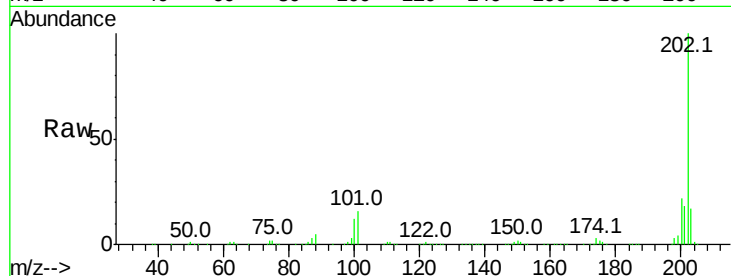




#77
 Pvrene
 Concen: 35.741 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

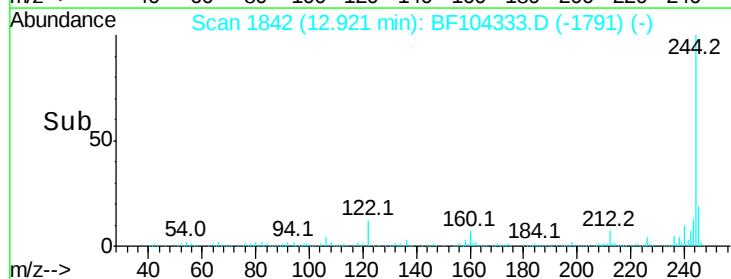
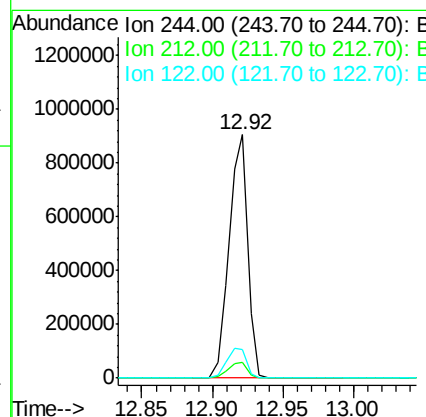
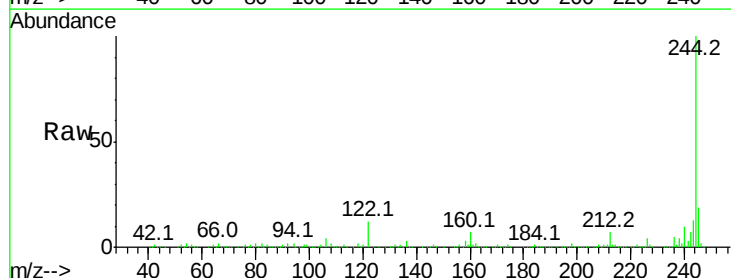
Instrument :
 BNA_F
 ClientSampled :

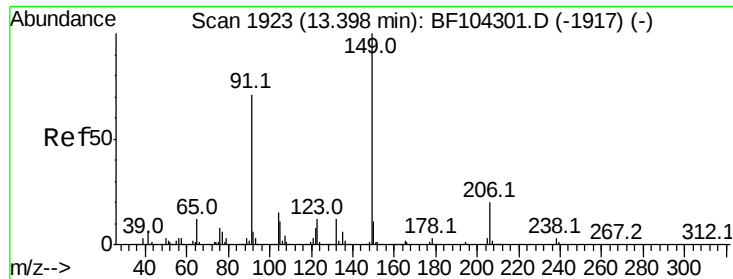
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5



#78
 Terphenyl-d14
 Concen: 73.717 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4

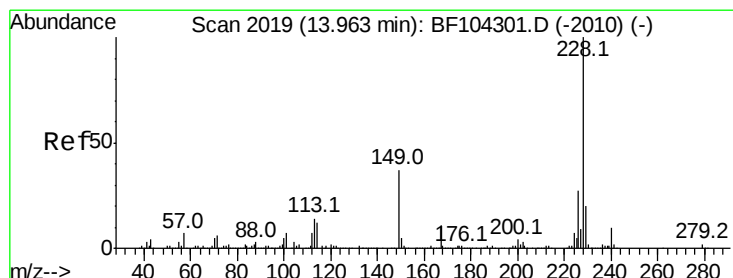
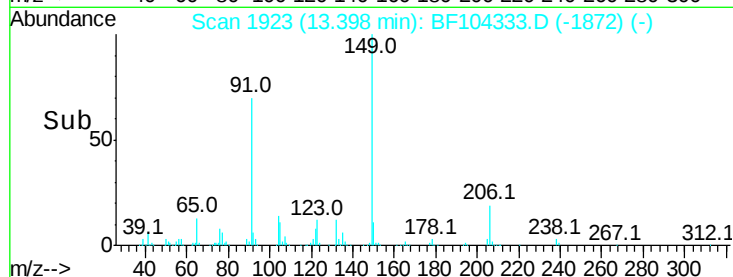
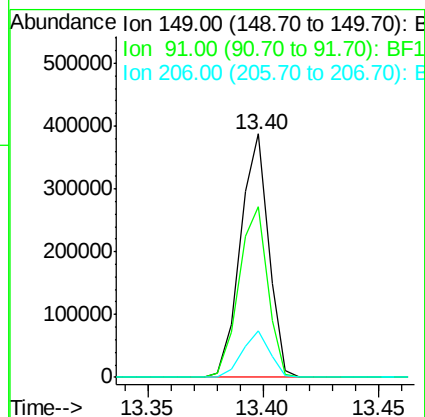
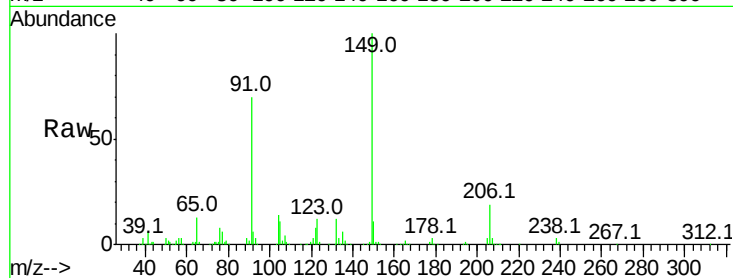




#79
Butylbenzylphthalate
Concen: 36.990 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

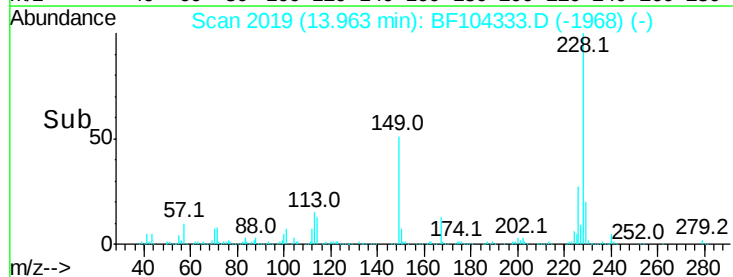
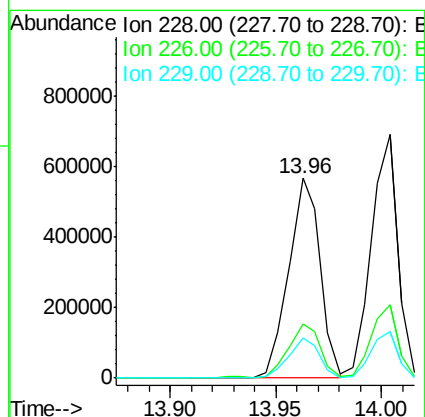
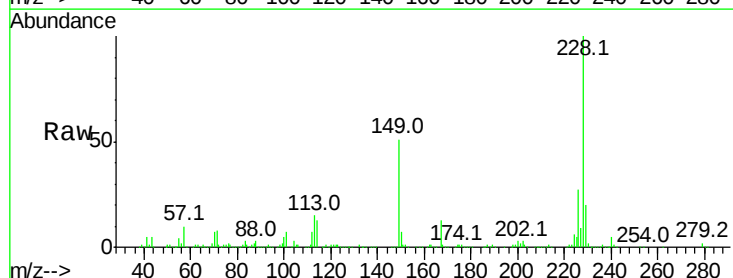
Instrument :
BNA_F
ClientSampled :

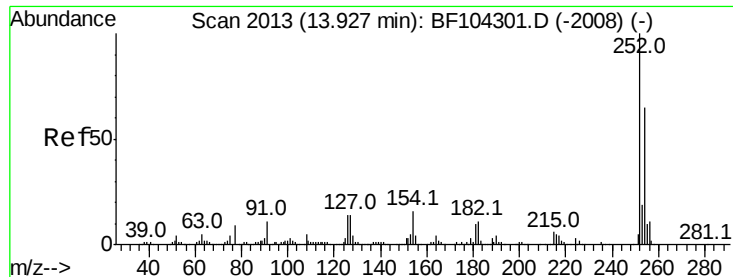
Tot Ion:149 Resp: 330909
Ion Ratio Lower Upper
149 100
91 70.1 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.558 ng
RT: 13.96 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:228 Resp: 590103
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 20.2 15.8 23.6

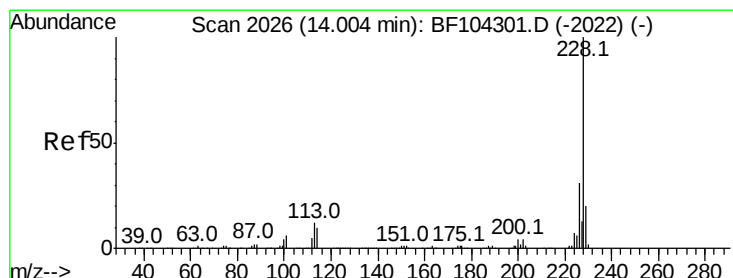
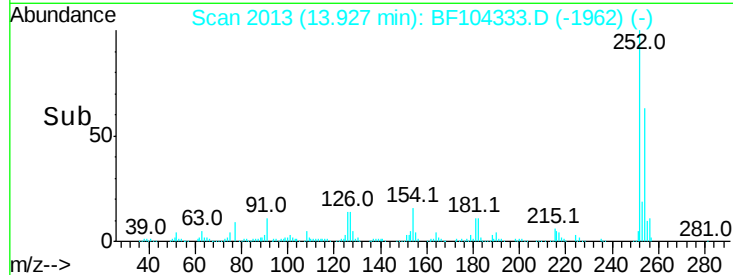
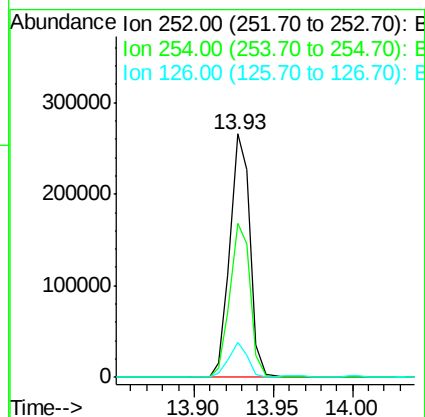
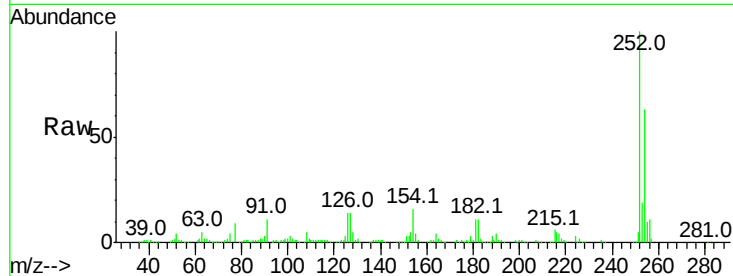




#81
 3,3'-Dichlorobenzidine
 Concen: 41.056 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

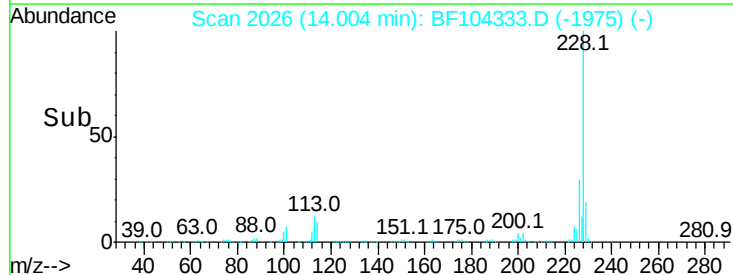
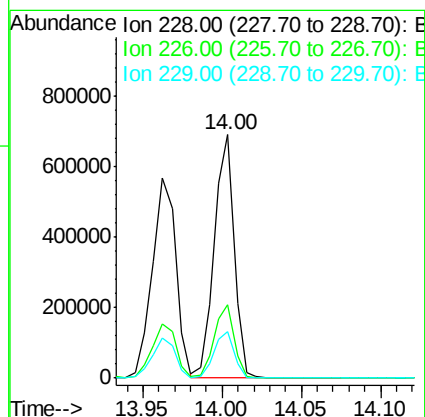
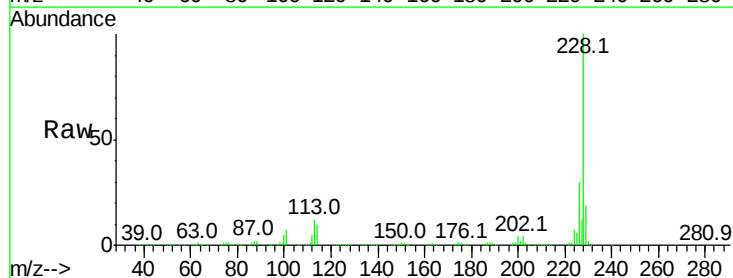
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 234274
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 38.716 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:228 Resp: 608612
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.1 16.2 24.4

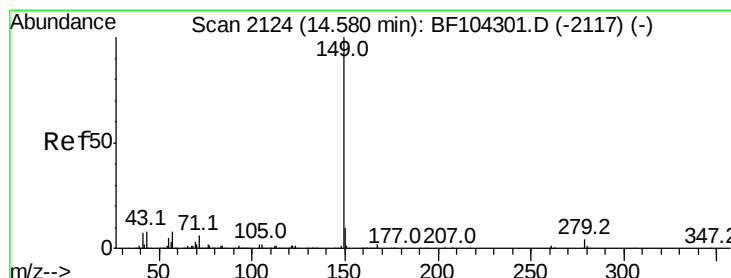
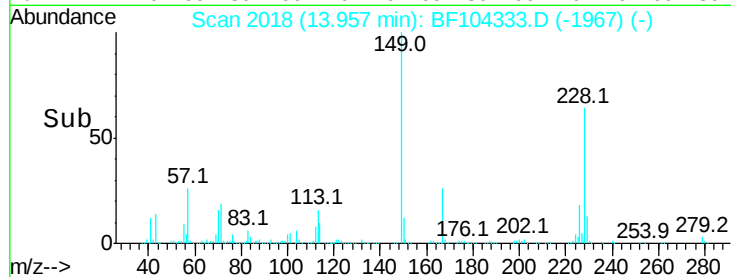
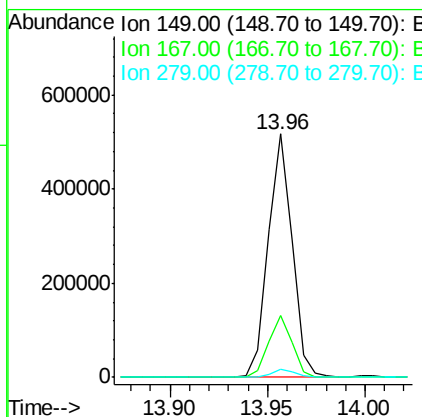
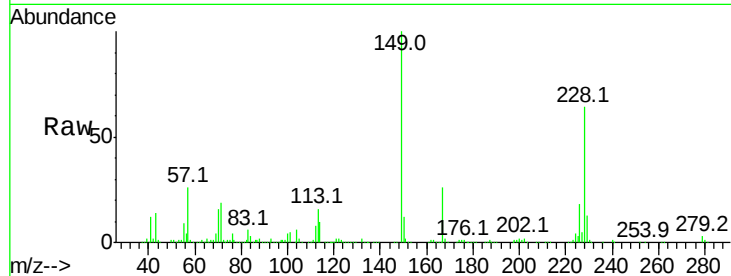




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.177 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

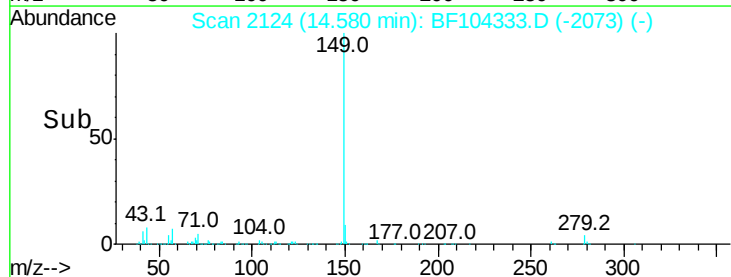
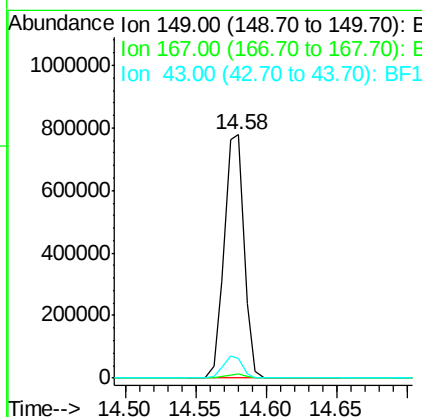
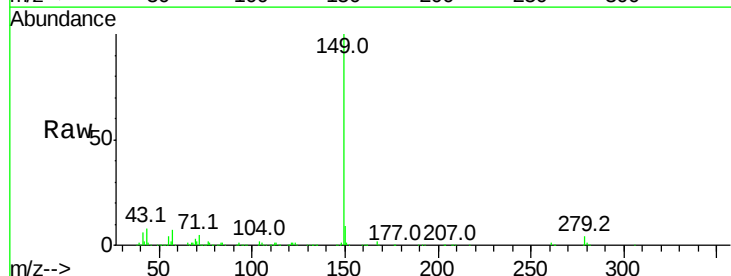
Instrument :
 BNA_F
 ClientSampleId :

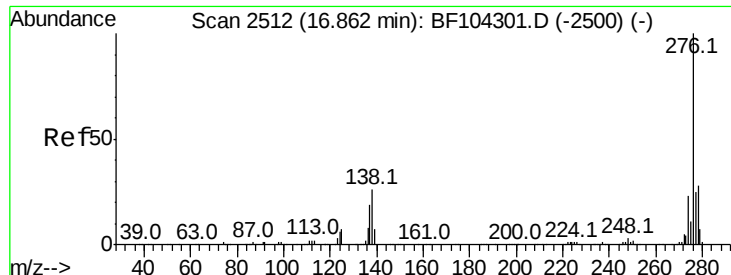
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.688 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6

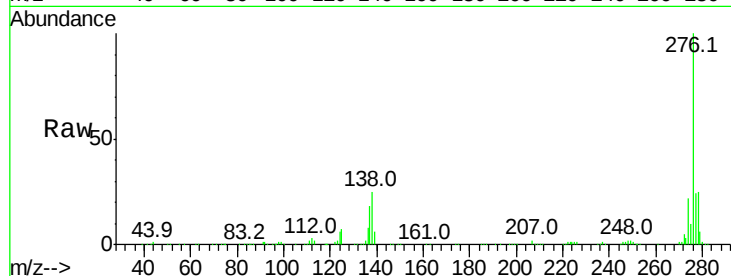




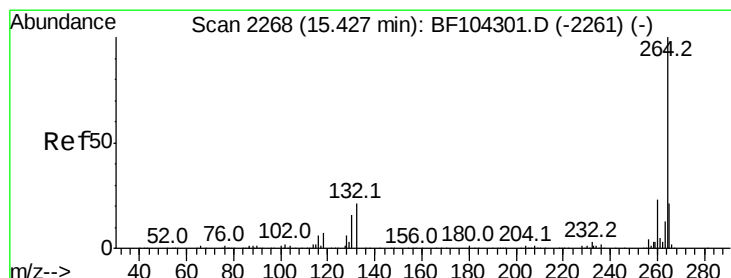
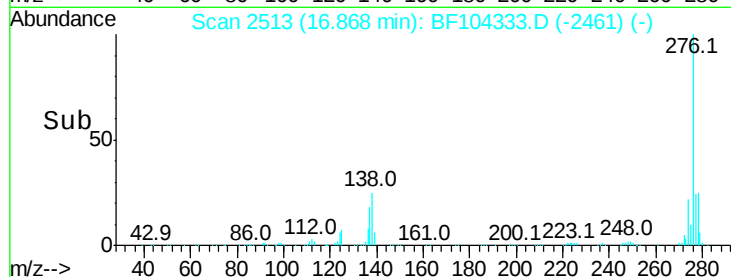
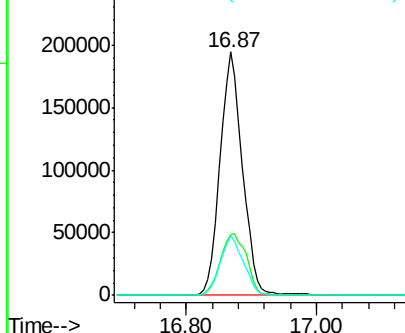
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.828 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 465083
Ion Ratio Lower Upper
276 100
138 29.4 25.0 37.6
277 25.5 20.1 30.1

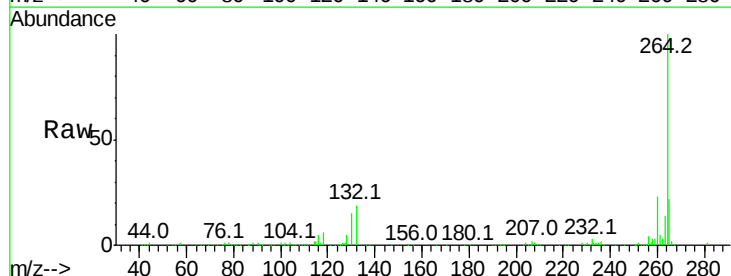


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

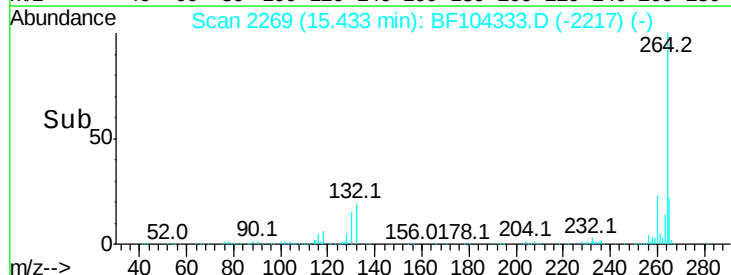
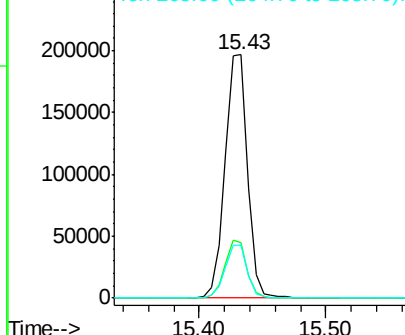


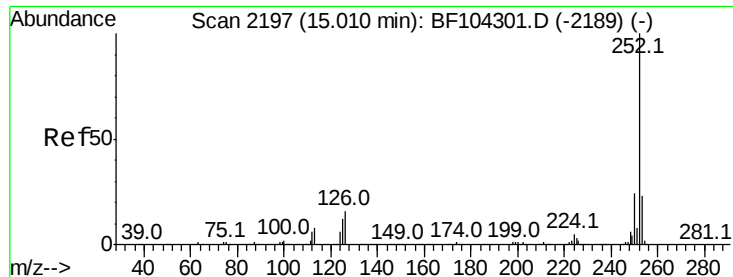
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:264 Resp: 240110
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.5 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

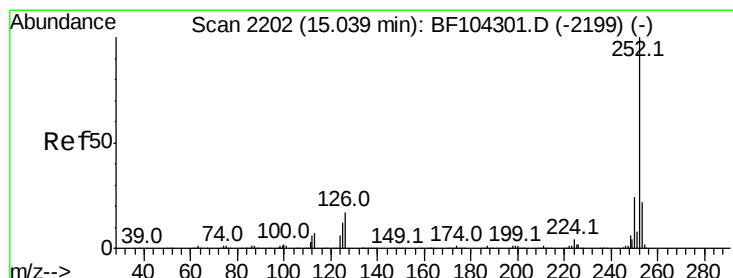
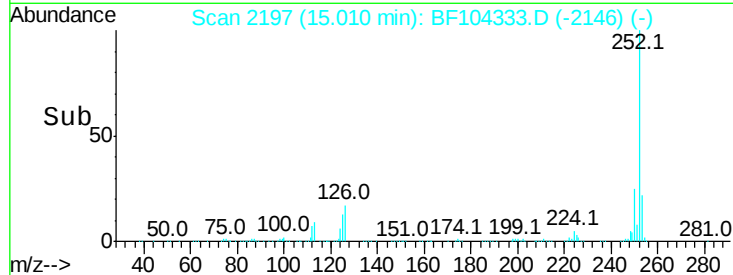
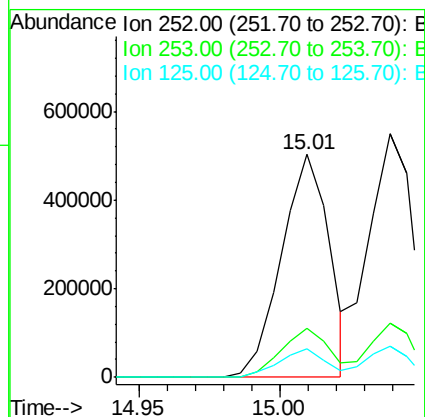
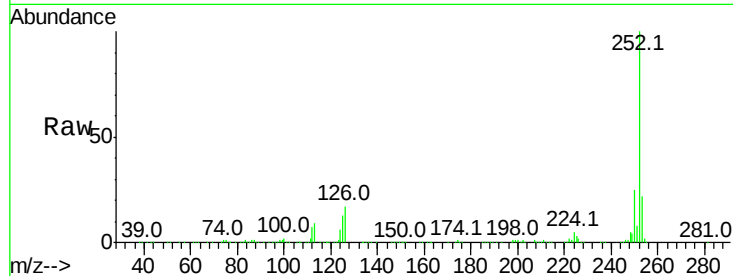




#87
Benzo(b)fluoranthene
Concen: 39.014 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

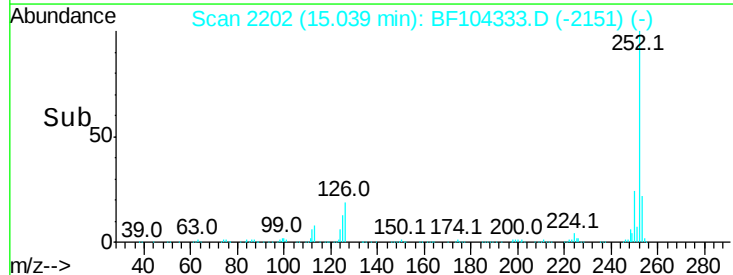
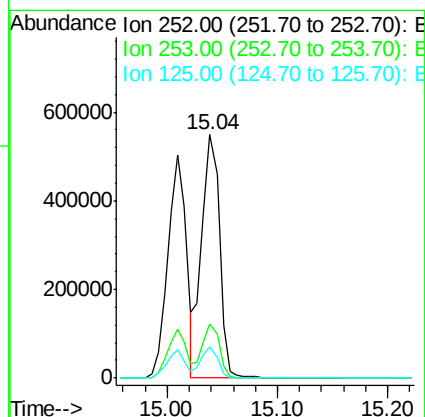
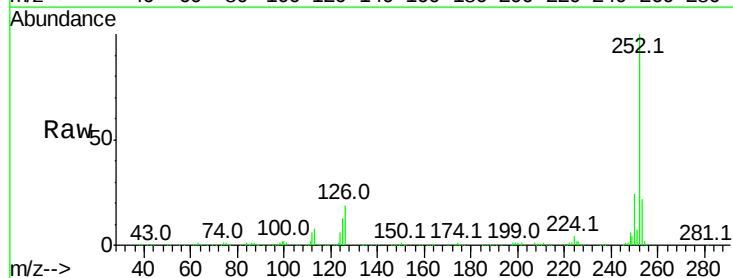
Instrument :
BNA_F
ClientSampleId :

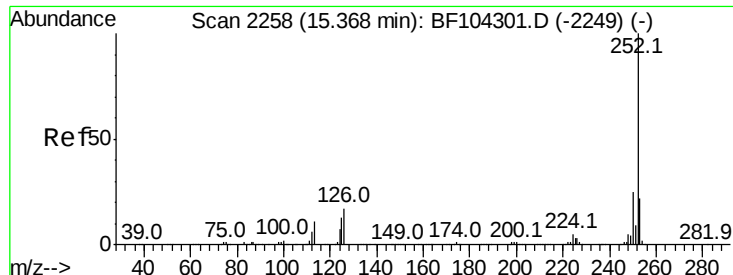
Tot Ion:252 Resp: 591646
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.083 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:252 Resp: 602509
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.211 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampled :

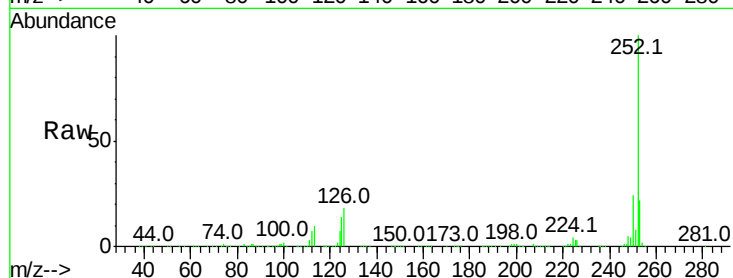
Tot Ion:252 Resp: 532043

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

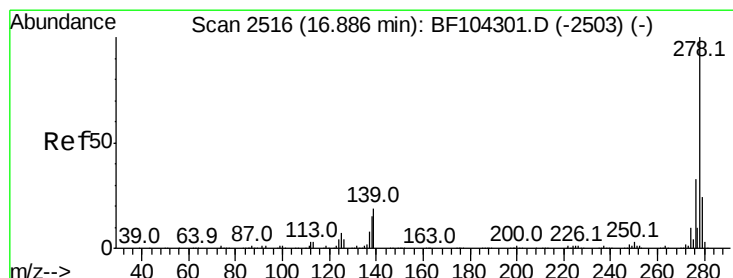
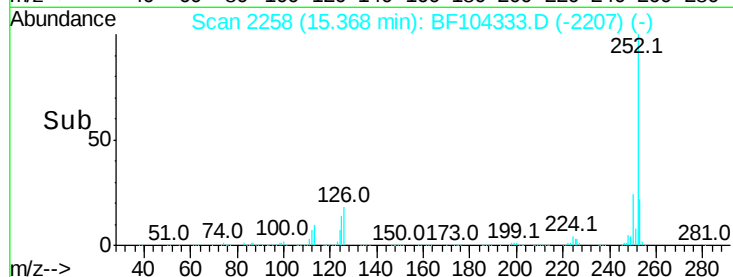
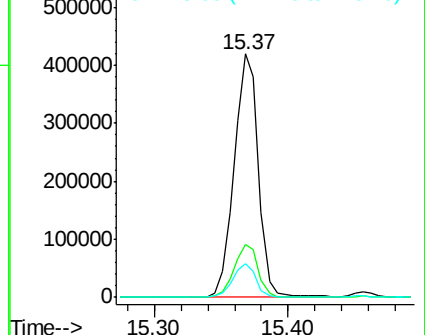
125 13.8 9.8 14.6



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: 35.267 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

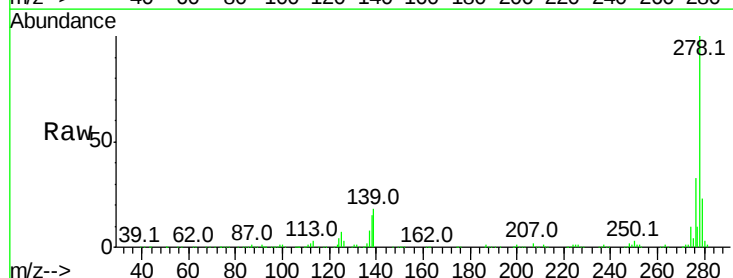
Tgt Ion:278 Resp: 393024

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

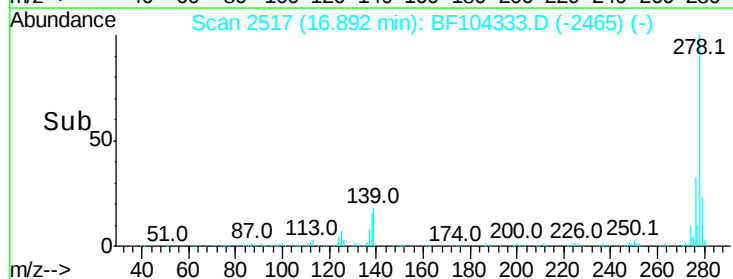
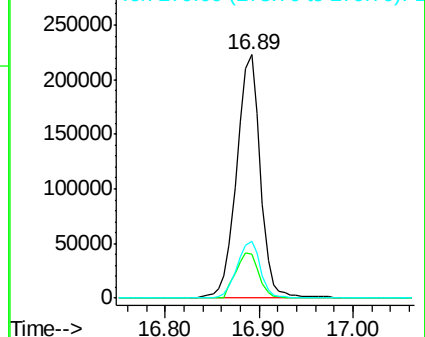
279 23.1 19.0 28.4

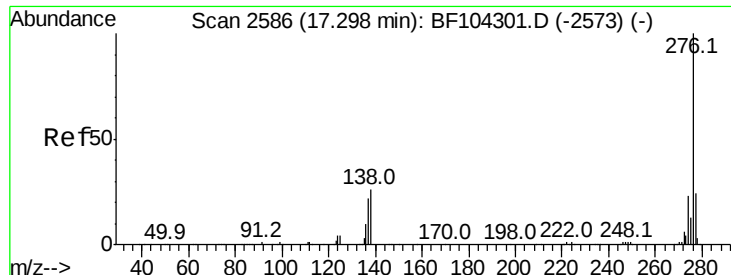


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.480 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

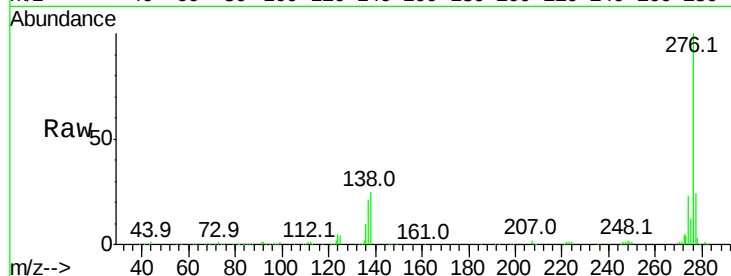
Tot Ion:276 Resp: 361474

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 24.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

