

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105092.D
 Acq On : 4 May 2018 00:07
 Operator : JU/SJ
 Sample : J2709-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Quant Time: May 04 02:01:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	109000	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	434966	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	183606	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	285549	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183083	20.00	ng	-0.02
86) Perylene-d12	15.56	264	145404	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	917190	128.66	ng	0.01
7) Phenol-d6	6.45	99	1052844	120.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	650044	97.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	230790	121.18	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1106285	95.19	ng	-0.01
78) Terphenyl-d14	12.90	244	825159	102.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	105779	31.846	ng	# 85
3) Pyridine	3.29	79	237695	25.452	ng	# 81
4) n-Nitrosodimethylamine	3.25	42	114888	35.193	ng	# 73
6) Aniline	6.46	93	221614	18.212	ng	# 1
8) 2-Chlorophenol	6.58	128	345459	45.914	ng	92
9) Benzaldehyde	6.33	77	210935	53.228	ng	97
10) Phenol	6.46	94	389103	41.869	ng	76
11) bis(2-Chloroethyl)ether	6.52	93	334336	45.082	ng	94
12) 1,3-Dichlorobenzene	6.72	146	355931	41.757	ng	98
13) 1,4-Dichlorobenzene	6.80	146	366837	43.173	ng	100
14) 1,2-Dichlorobenzene	6.95	146	332667	42.249	ng	99
15) Benzyl Alcohol	6.94	79	251235	37.766	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	350151	35.157	ng	# 16
17) 2-Methylphenol	7.06	107	275578	42.136	ng	# 87
18) Hexachloroethane	7.29	117	120371	39.733	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	221814	38.755	ng	92
20) 3+4-Methylphenols	7.22	107	369551	45.559	ng	97
22) Acetophenone	7.20	105	477138	44.556	ng	# 94
24) Nitrobenzene	7.37	77	332538	45.216	ng	97
25) Isophorone	7.61	82	607145	43.102	ng	99
26) 2-Nitrophenol	7.69	139	183566	61.311	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	292431	47.040	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	394814	45.842	ng	100
29) 2,4-Dichlorophenol	7.95	162	289078	48.735	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	291681	44.807	ng	99
31) Naphthalene	8.09	128	939103	43.359	ng	100
32) Benzoic acid	7.89	122	145245	29.282	ng	97
33) 4-Chloroaniline	8.16	127	113437	12.225	ng	98
34) Hexachlorobutadiene	8.20	225	161092	45.179	ng	98
35) Caprolactam	8.53	113	85053	41.103	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	285188	44.839	ng	95
37) 2-Methylnaphthalene	8.78	142	602902	43.033	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	269519	51.280	ng	98
40) Hexachlorocyclopentadiene	8.92	237	42686	14.507	ng	99

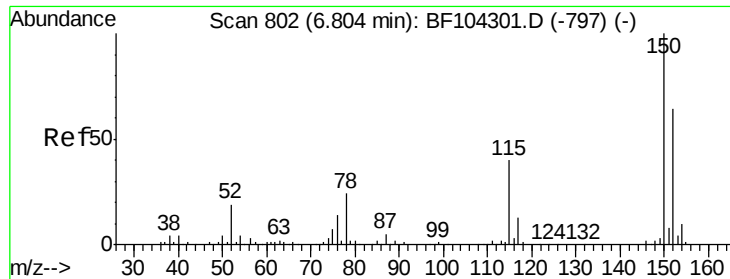
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	180817	49.559	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	176566	43.246	nq	94
45) 1,1'-Biphenyl	9.25	154	715799	46.408	nq	99
46) 2-Chloronaphthalene	9.27	162	558579	45.848	nq	99
47) 2-Nitroaniline	9.39	65	157976	52.433	nq	87
48) Acenaphthylene	9.69	152	779439	40.776	nq	99
49) Dimethylphthalate	9.55	163	755740	52.196	nq	100
50) 2,6-Dinitrotoluene	9.62	165	139027	51.893	nq	98
51) Acenaphthene	9.86	154	465805	39.940	nq	99
52) 3-Nitroaniline	9.80	138	83299	26.558	nq	92
53) 2,4-Dinitrophenol	9.91	184	58280	60.016	nq	# 21
54) Dibenzofuran	10.03	168	668871	41.153	nq	97
55) 4-Nitrophenol	9.99	139	138508	56.217	nq	97
56) 2,4-Dinitrotoluene	10.03	165	159214	45.305	nq	# 92
57) Fluorene	10.37	166	532349	44.999	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	136610	44.849	nq	93
59) Diethylphthalate	10.24	149	621389	43.093	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	256902	48.761	nq	99
61) 4-Nitroaniline	10.42	138	119999	39.129	nq	97
62) Azobenzene	10.53	77	513774	37.293	nq	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	46974	35.955	nq	# 76
65) n-Nitrosodiphenylamine	10.49	169	482290	48.713	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	148495	48.890	nq	# 88
67) Hexachlorobenzene	10.92	284	157712	46.147	nq	94
68) Atrazine	11.02	200	140815	47.119	nq	98
69) Pentachlorophenol	11.13	266	131962	62.413	nq	98
70) Phenanthrene	11.34	178	682359	42.910	nq	99
71) Anthracene	11.39	178	706410	43.701	nq	99
72) Carbazole	11.56	167	629230	39.836	nq	99
73) Di-n-butylphthalate	11.87	149	855738	44.350	nq	99
74) Fluoranthene	12.53	202	632715	38.082	nq	97
76) Benzidine	12.66	184	86565	9.579	nq	96
77) Pyrene	12.76	202	630488	46.459	nq	99
79) Butylbenzylphthalate	13.39	149	312707	48.911	nq	94
80) Benzo(a)anthracene	14.00	228	521569	47.686	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	158113	38.771	nq	99
82) Chrysene	14.04	228	497701	44.301	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	425256	51.712	nq	100
84) Di-n-octyl phthalate	14.65	149	682078	49.639	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	373914	39.180	nq	95
87) Benzo(b)fluoranthene	15.13	252	433125	47.164	nq	98
88) Benzo(k)fluoranthene	15.15	252	402962	46.478	nq	99
89) Benzo(a)pyrene	15.49	252	385399	46.903	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	316002	46.825	nq	97
91) Benzo(g,h,i)perylene	17.49	276	312073	47.731	nq	94

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

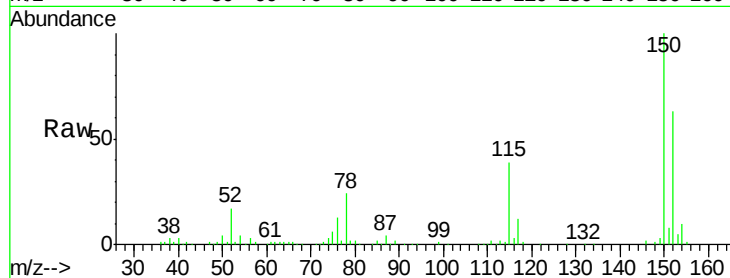


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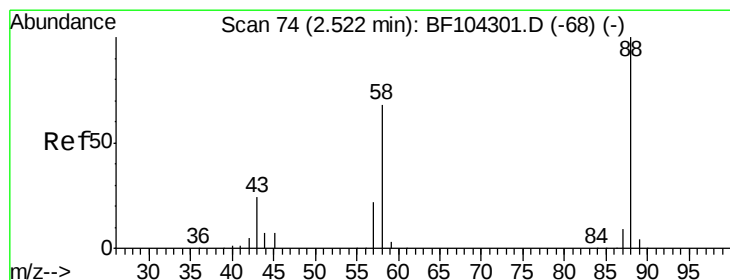
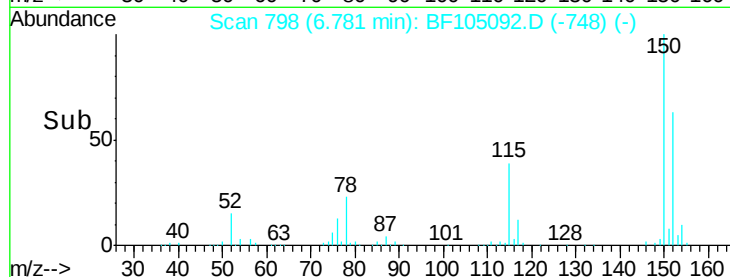
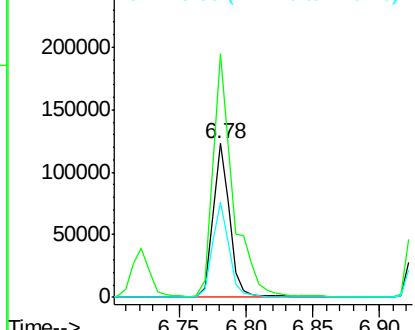
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion:152 Resp: 109000
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.7 50.1 75.1



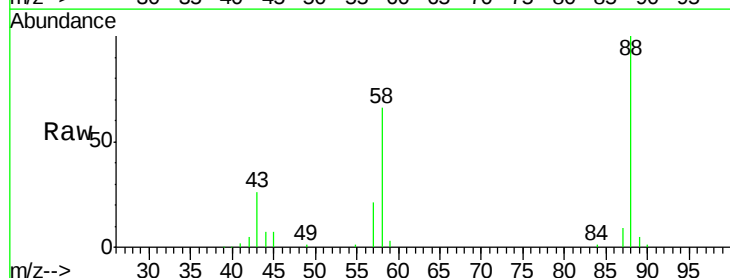
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



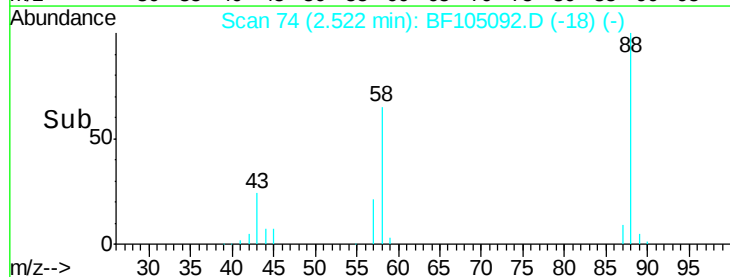
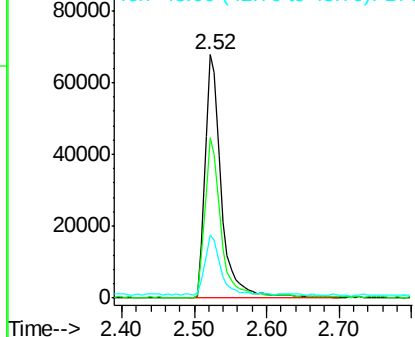
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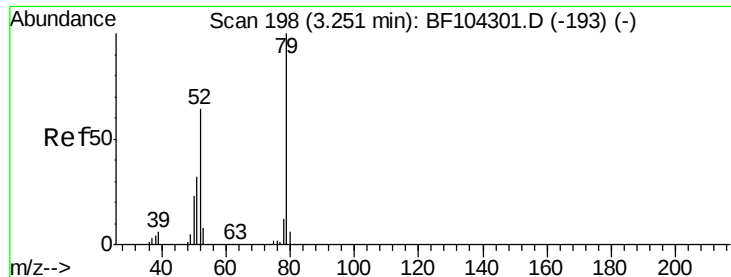
1,4-Dioxane
Concen: 31.846 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.03 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 88 Resp: 105779
Ion Ratio Lower Upper
88 100
58 64.8 62.6 93.8
43 23.3 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: 25.452 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

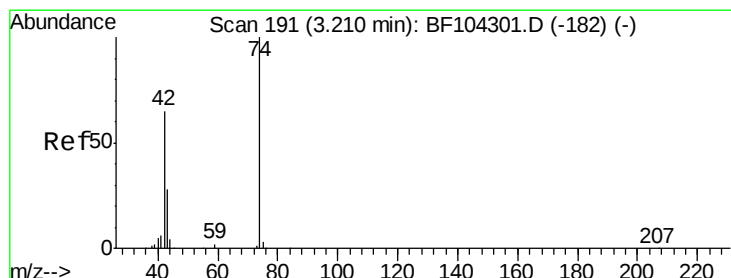
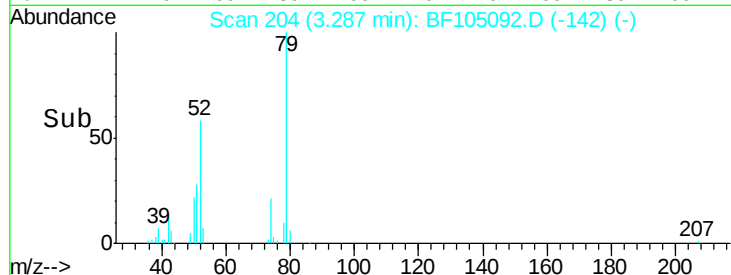
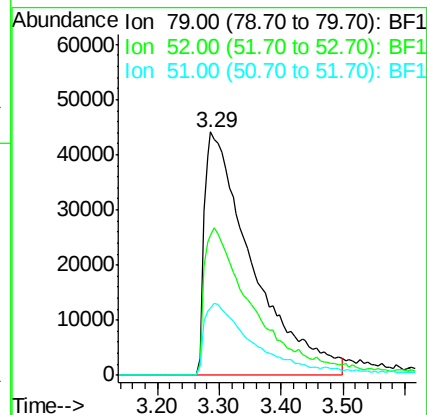
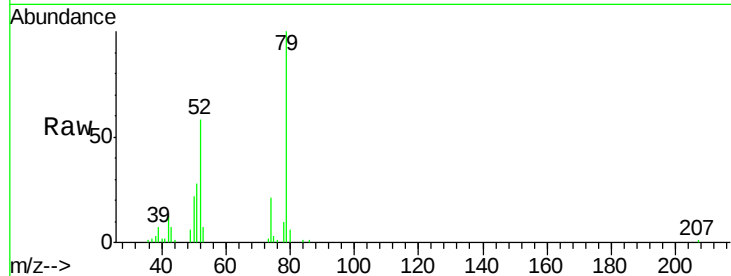
Tot Ion: 79 Resp: 237695

Ion Ratio Lower Upper

79 100

52 57.5 59.8 89.6#

51 27.7 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 35.193 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

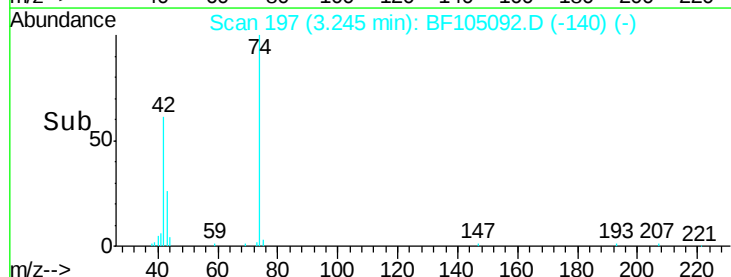
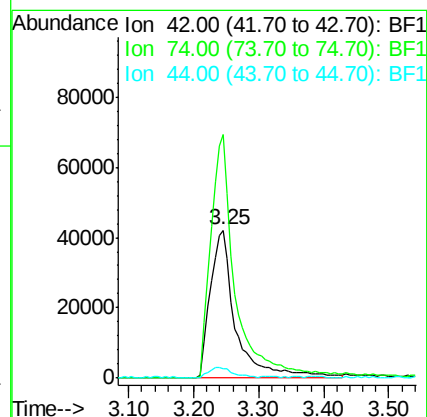
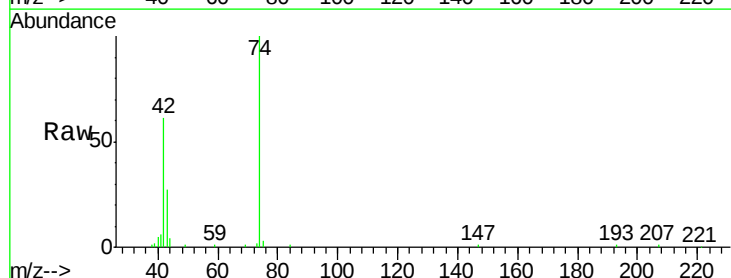
Tgt Ion: 42 Resp: 114888

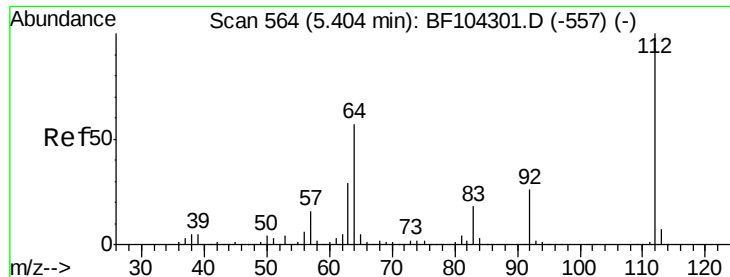
Ion Ratio Lower Upper

42 100

74 164.6 104.9 157.3#

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 128.664 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

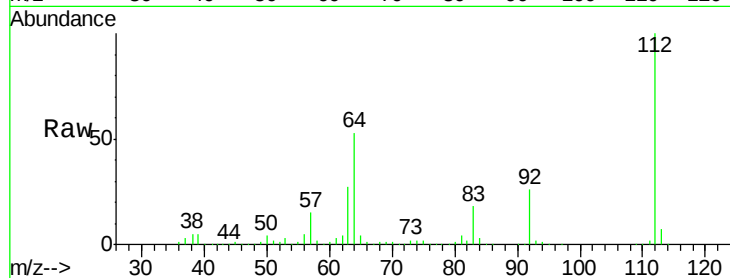
Tot Ion:112 Resp: 917190

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

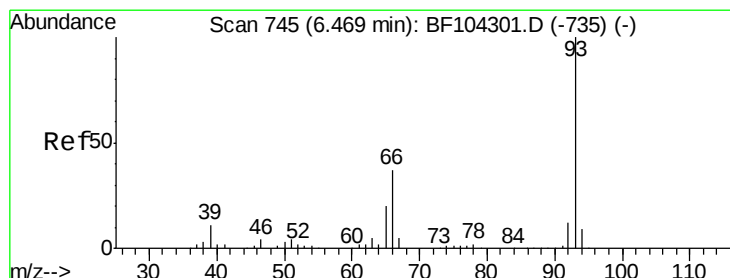
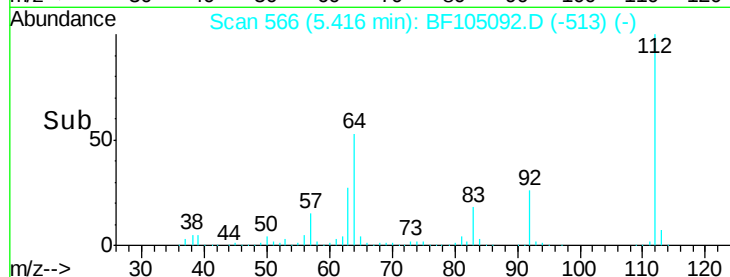
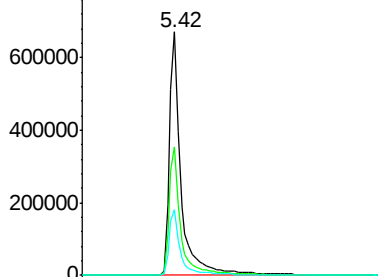
63 26.9 23.7 35.5



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: 18.212 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

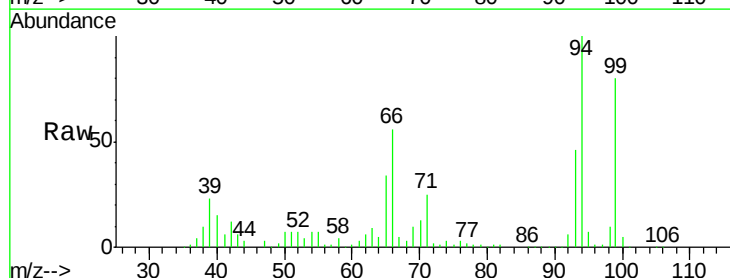
Tgt Ion: 93 Resp: 221614

Ion Ratio Lower Upper

93 100

66 122.1 32.2 48.2#

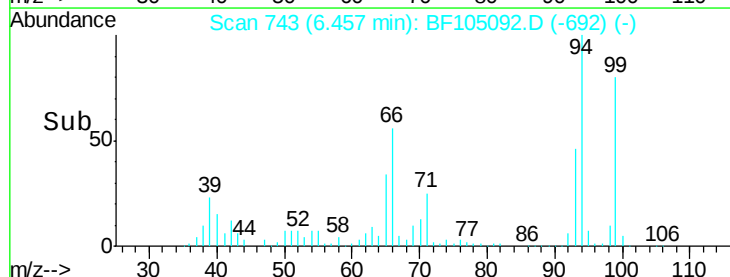
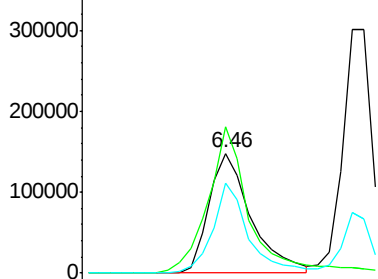
65 75.6 16.4 24.6#



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: 120.205 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

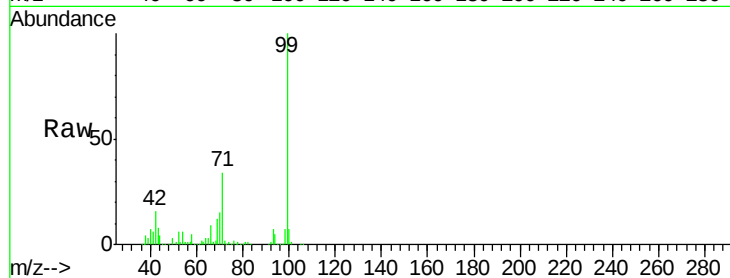
Tot Ion: 99 Resp: 1052844

Ion Ratio Lower Upper

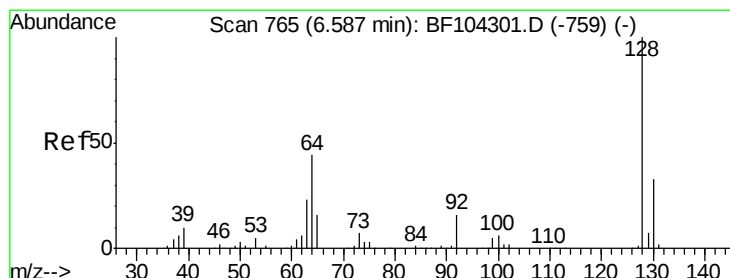
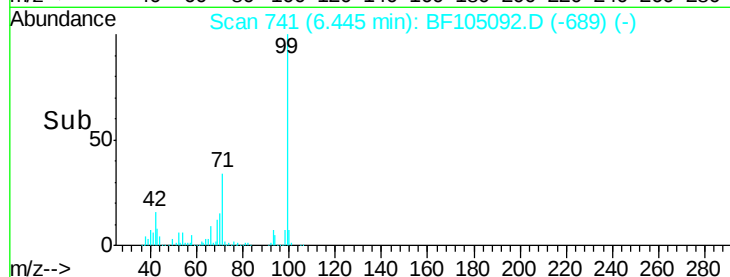
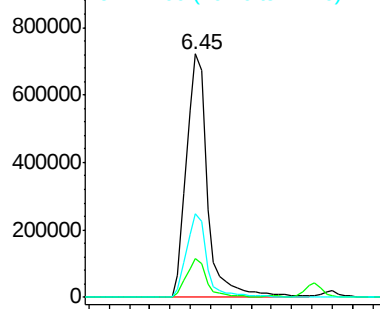
99 100

42 15.9 14.5 21.7

71 34.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 45.914 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

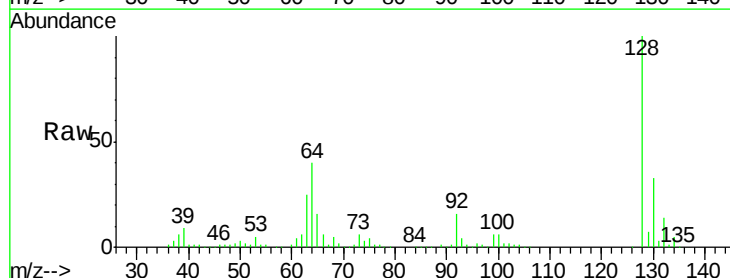
Tgt Ion: 128 Resp: 345459

Ion Ratio Lower Upper

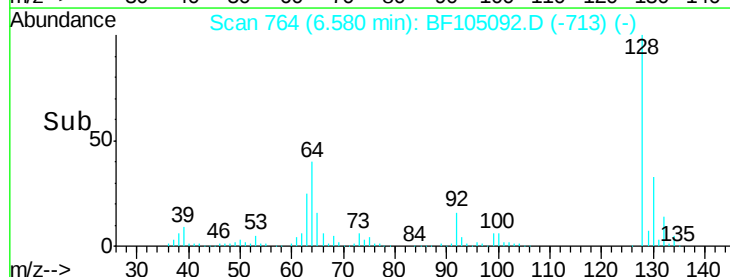
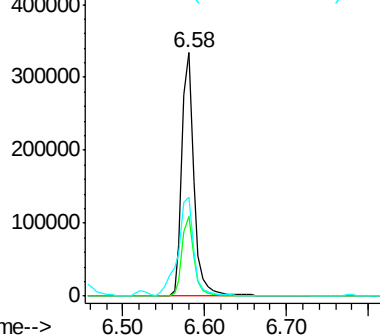
128 100

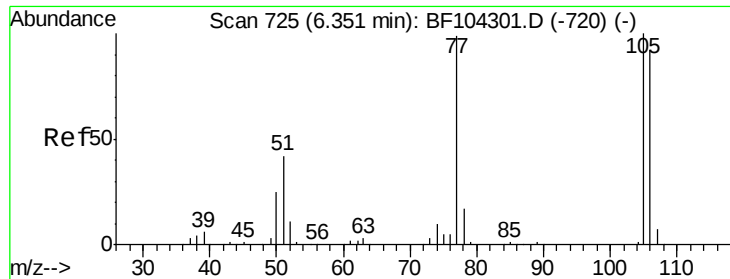
130 32.7 13.0 53.0

64 40.4 29.4 69.4



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

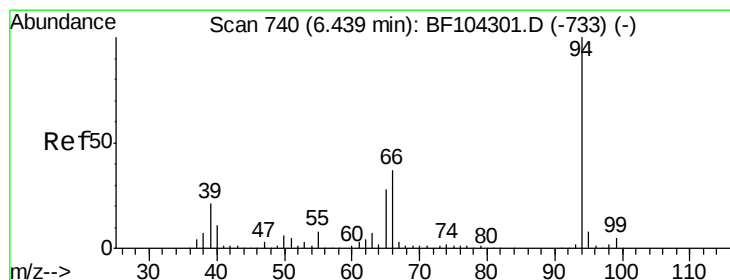
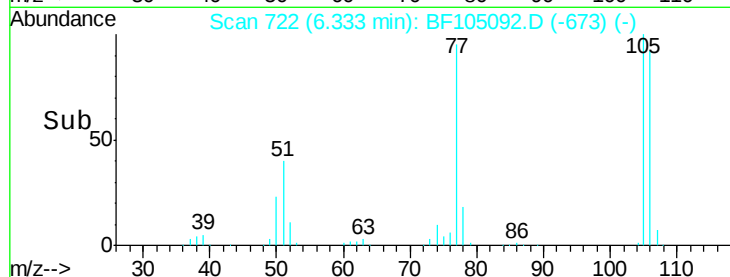
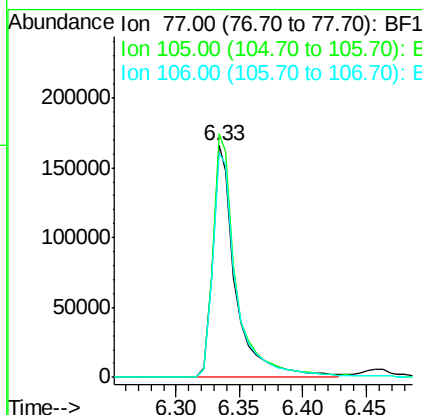
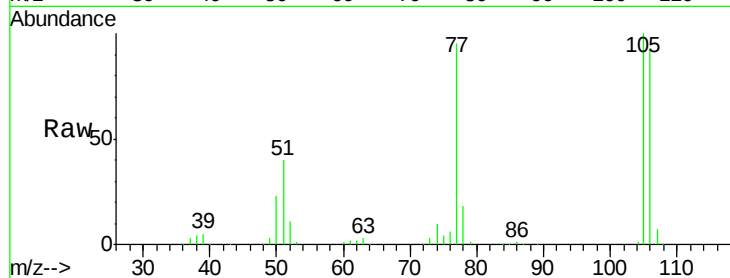




#9
Benzaldehyde
Concen: 53.228 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

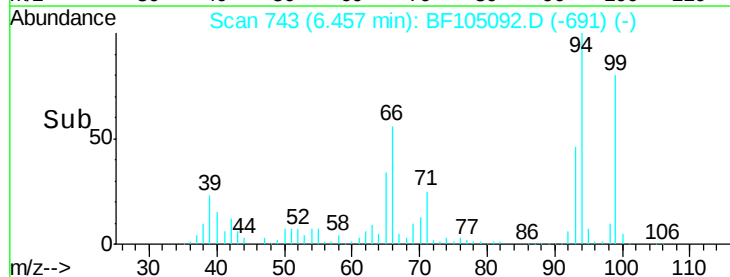
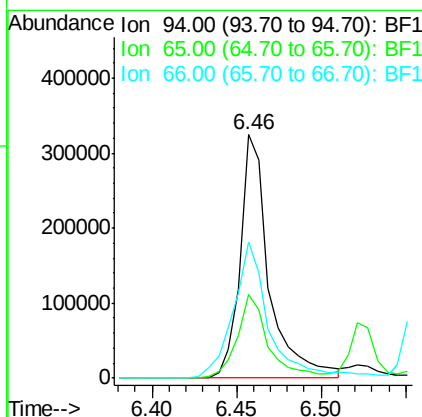
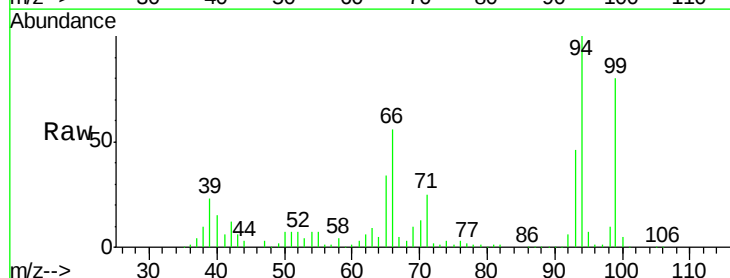
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

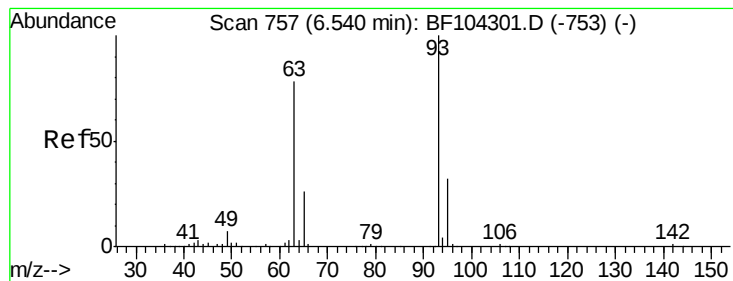
Tot Ion: 77 Resp: 210935
Ion Ratio Lower Upper
77 100
105 105.1 81.1 121.1
106 97.0 74.5 114.5



#10
Phenol
Concen: 41.869 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 94 Resp: 389103
Ion Ratio Lower Upper
94 100
65 34.5 7.9 47.9
66 55.7 16.2 56.2

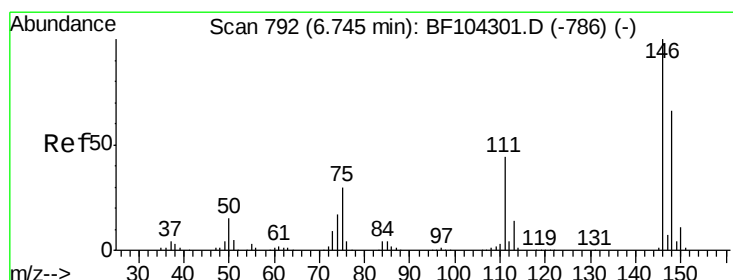
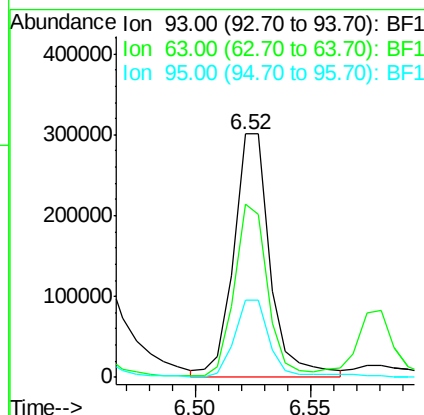
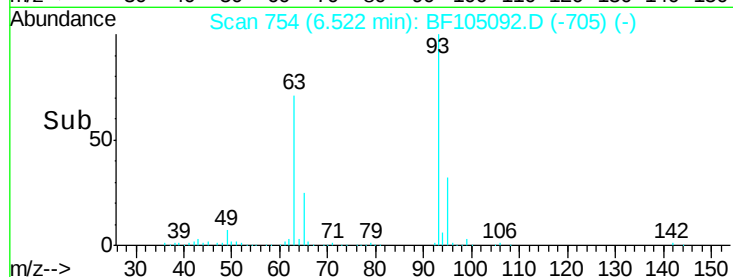
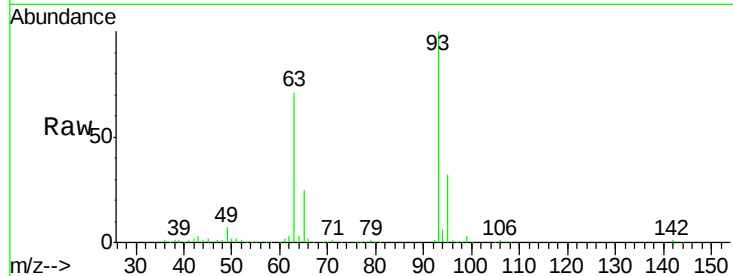




#11
bis(2-Chloroethyl)ether
Concen: 45.082 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

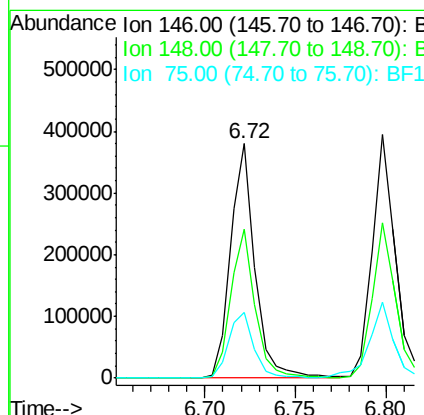
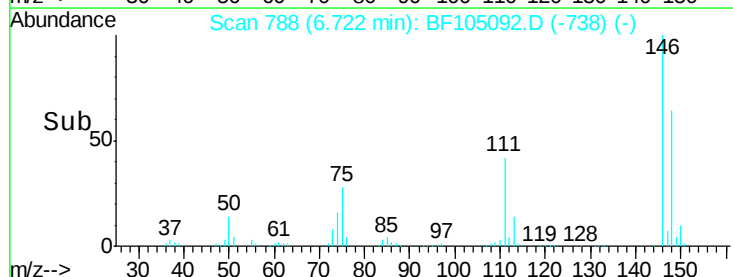
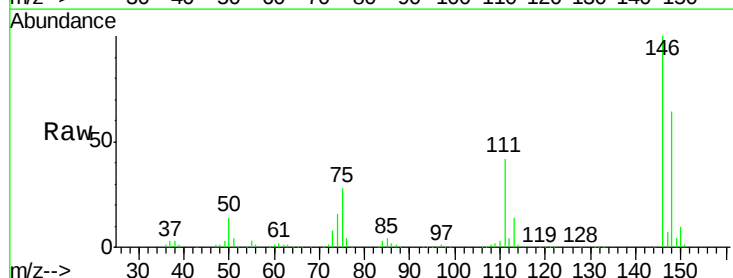
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

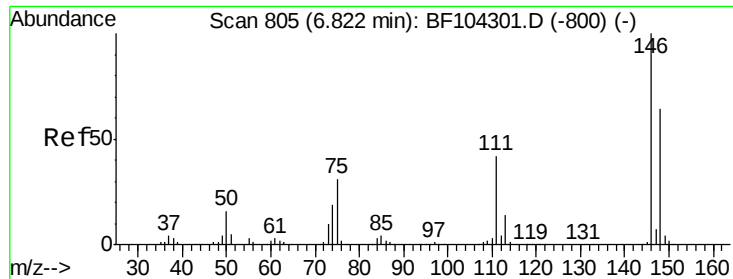
Tot Ion: 93 Resp: 334336
Ion Ratio Lower Upper
93 100
63 70.9 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.757 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 146 Resp: 355931
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 27.9 24.2 36.4

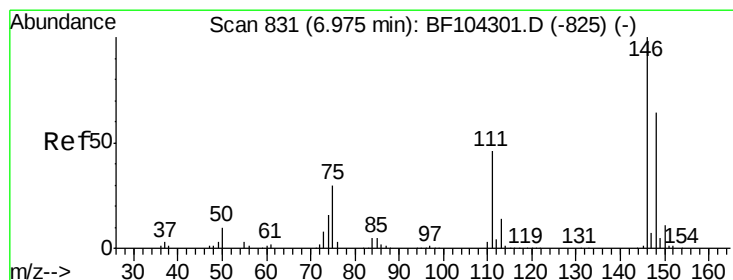
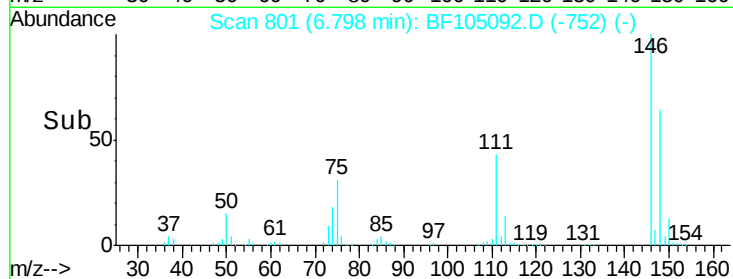
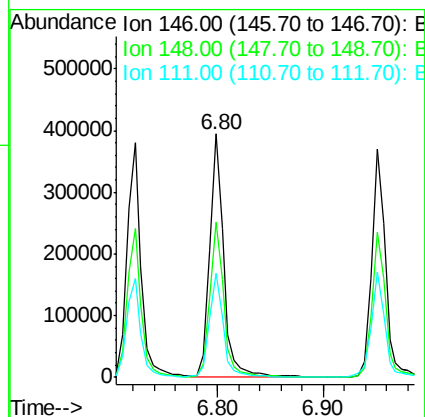
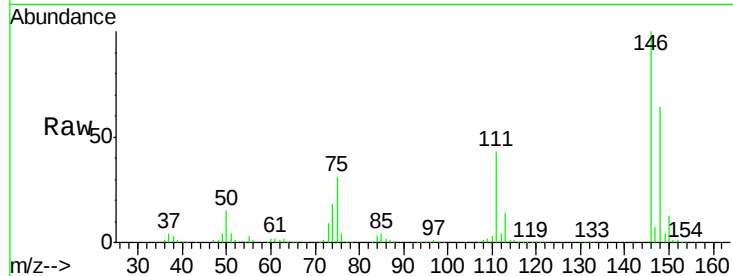




#13
 1,4-Dichlorobenzene
 Concen: 43.173 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

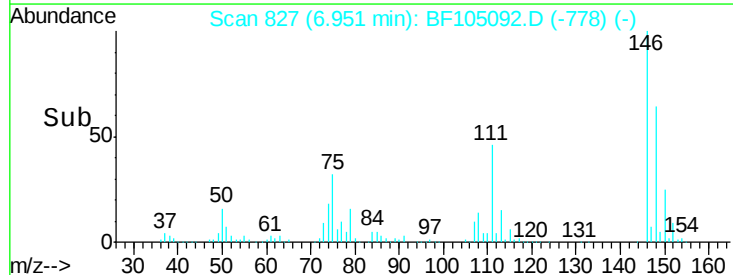
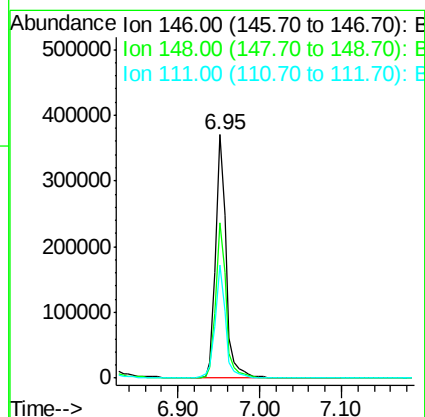
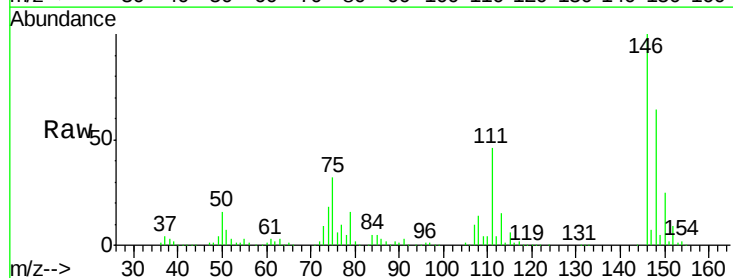
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

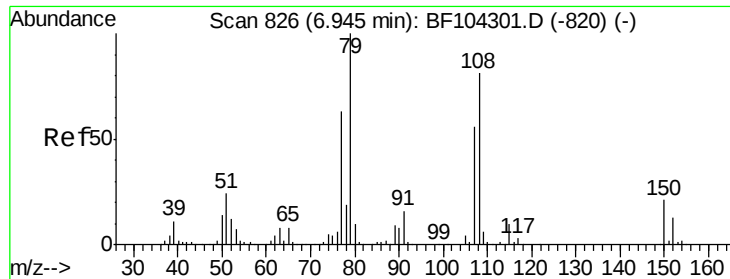
Tot Ion:146 Resp: 366837
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.249 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:146 Resp: 332667
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 46.2 36.0 54.0

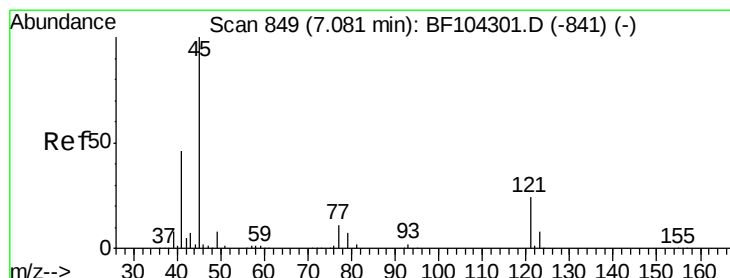
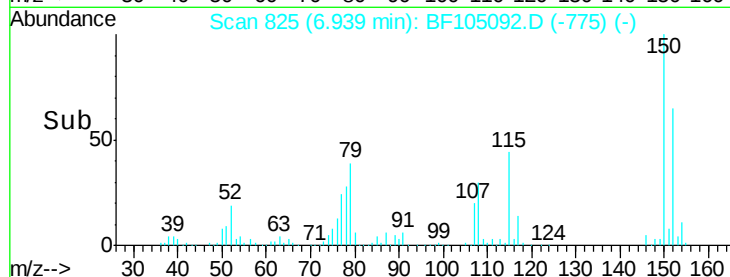
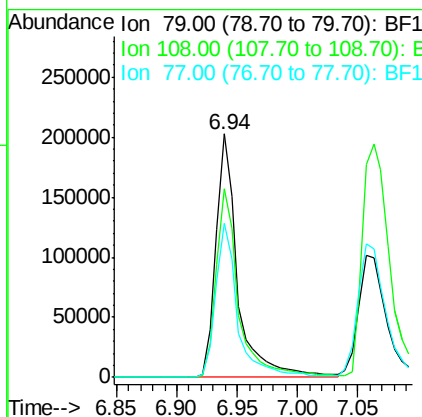
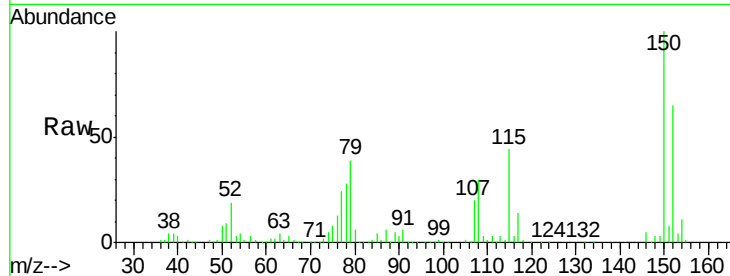




#15
Benzyl Alcohol
Concen: 37.766 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

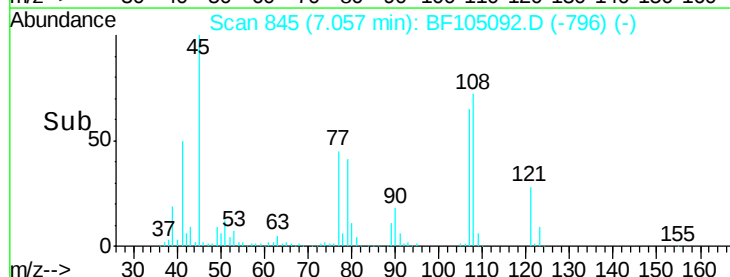
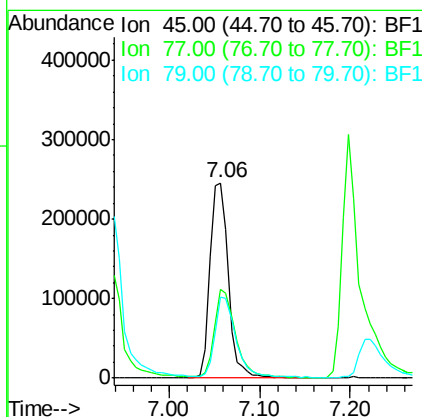
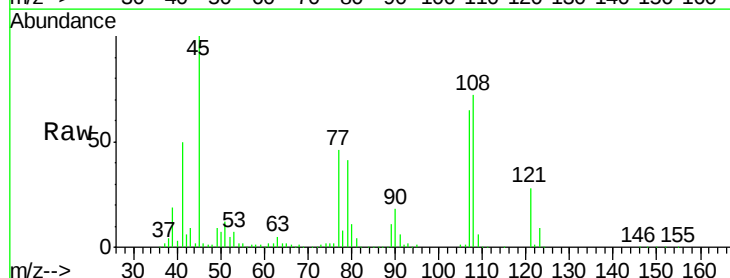
Instrument :
BNA_F
ClientSampled :
WAYNEMS

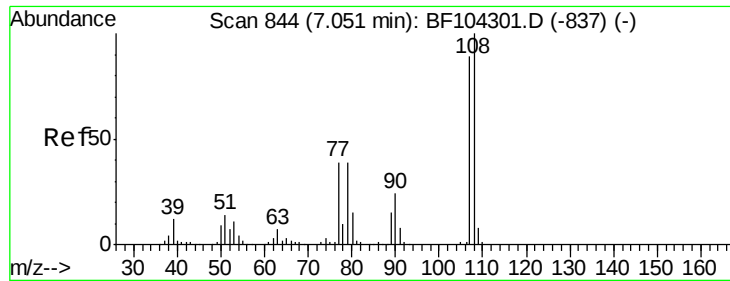
Tot Ion: 79 Resp: 251235
Ion Ratio Lower Upper
79 100
108 77.3 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.157 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 45 Resp: 350151
Ion Ratio Lower Upper
45 100
77 45.5 0.0 32.9#
79 41.3 0.0 29.6#

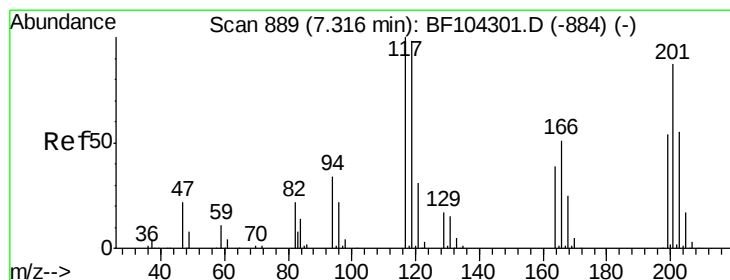
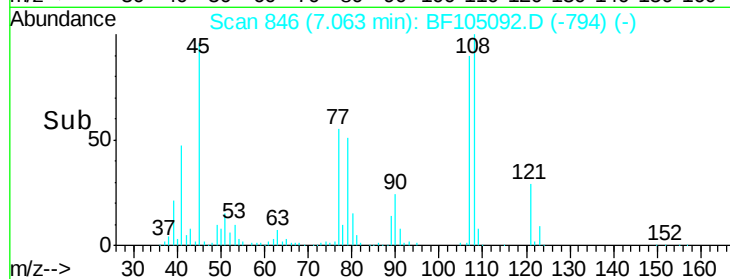
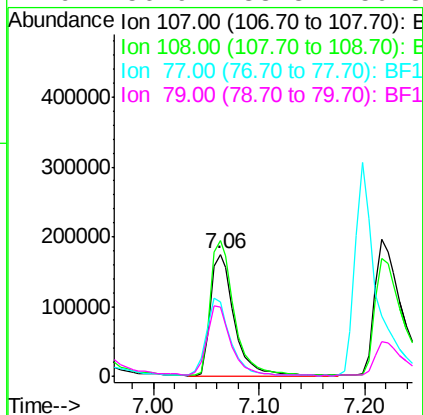
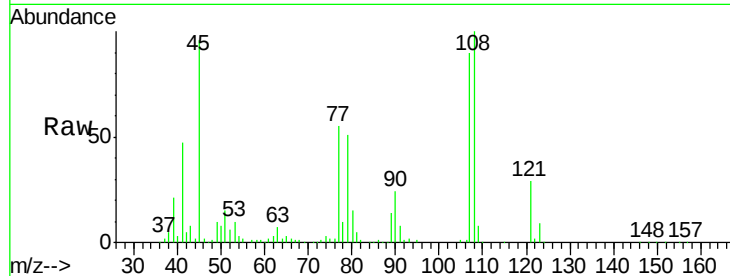




#17
2-Methylphenol
Concen: 42.136 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

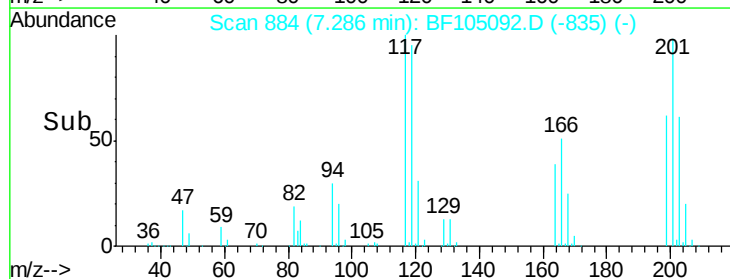
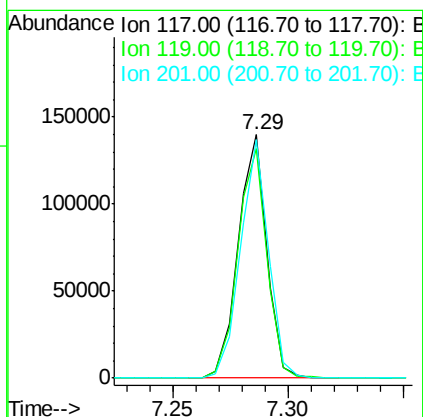
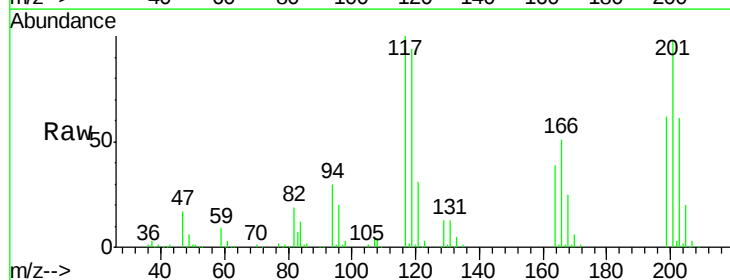
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

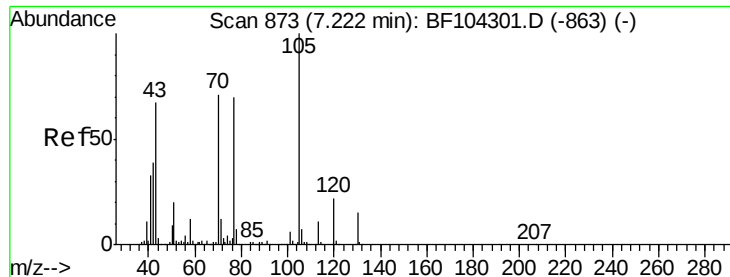
Tot Ion:107 Resp: 275578
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 60.9 33.8 50.8#
79 56.9 33.8 50.8#



#18
Hexachloroethane
Concen: 39.733 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:117 Resp: 120371
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 98.1 75.7 113.5

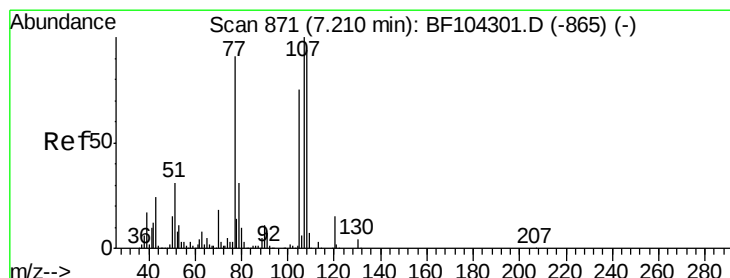
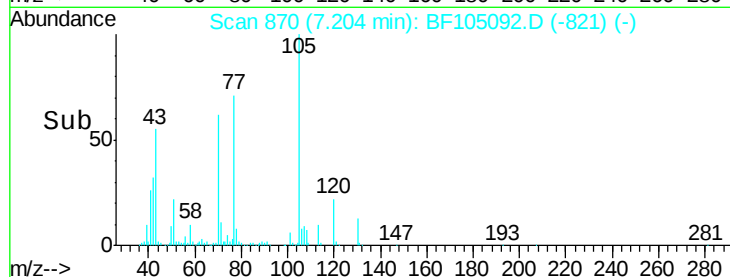
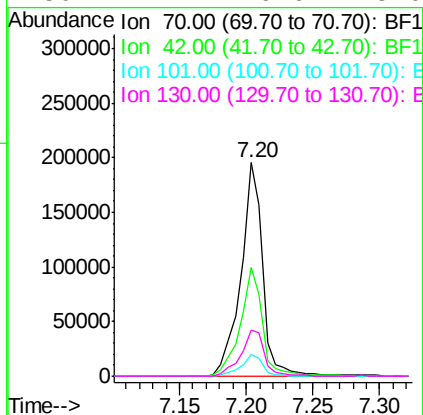
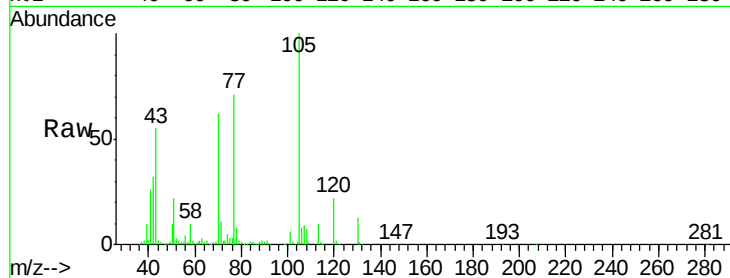




#19
n-Nitroso-di-n-propylamine
Concen: 38.755 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

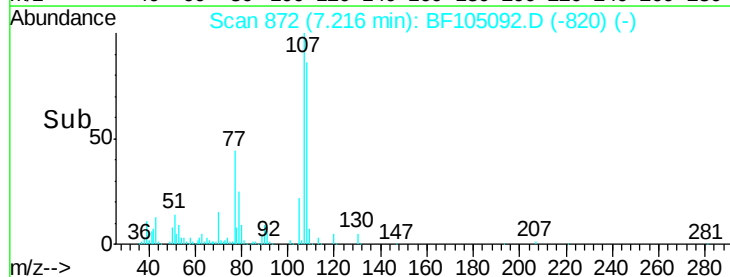
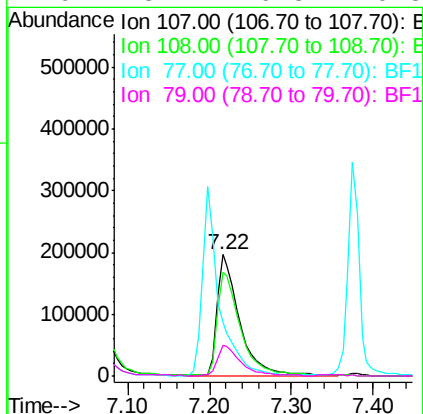
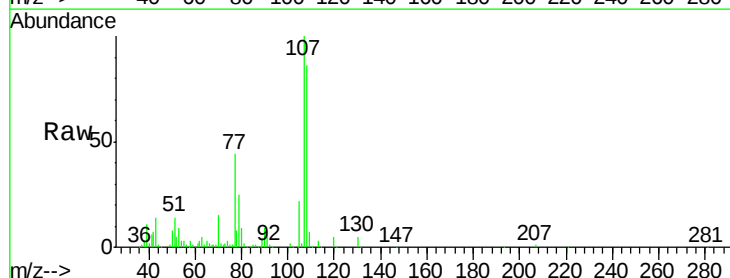
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

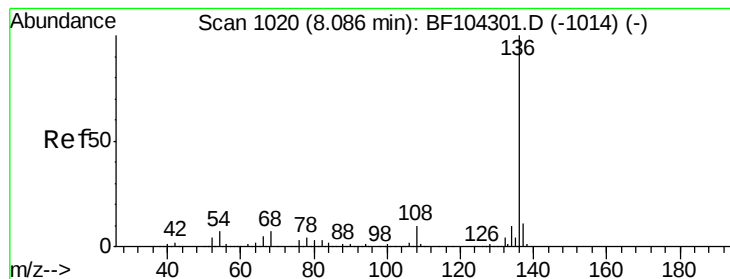
Tot Ion: 70 Resp: 221814
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 10.1 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.559 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 107 Resp: 369551
Ion Ratio Lower Upper
107 100
108 86.0 68.2 108.2
77 44.3 26.7 66.7
79 25.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

Tot Ion:136 Resp: 434966

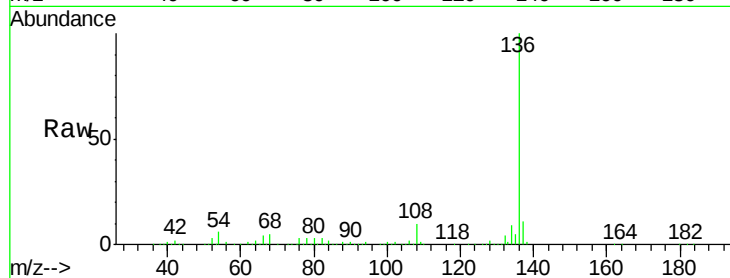
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.9 6.6 9.8#

68 5.0 5.0 7.4

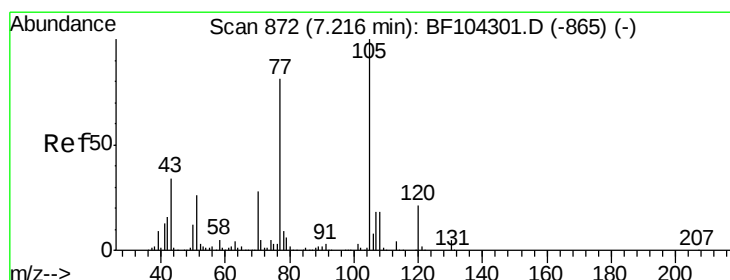
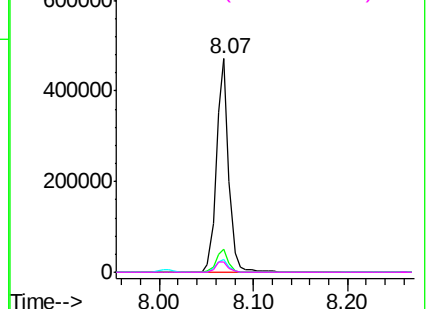
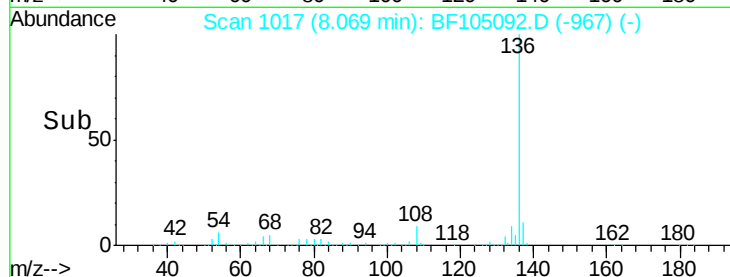


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.556 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Tgt Ion:105 Resp: 477138

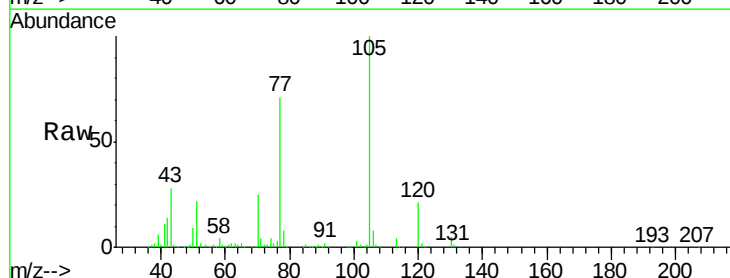
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 21.9 22.3 33.5#

120 21.3 16.9 25.3

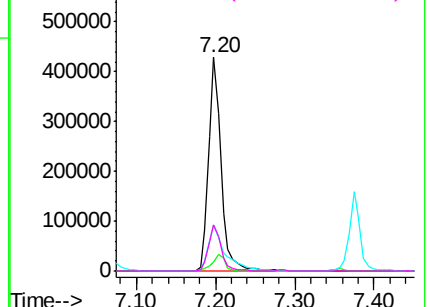
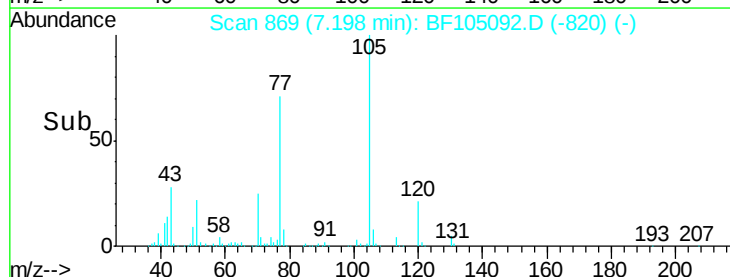


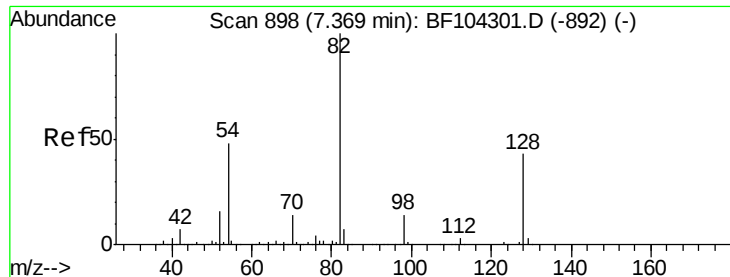
Abundance Ion 105.00 (104.70 to 105.70): E

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

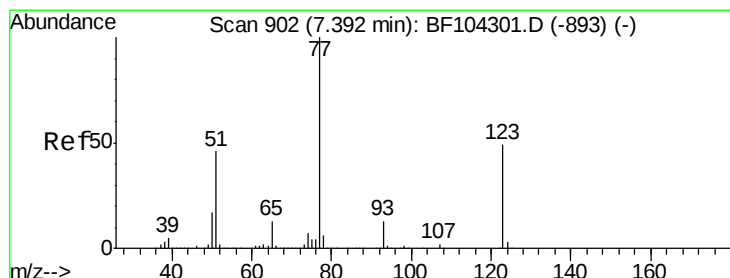
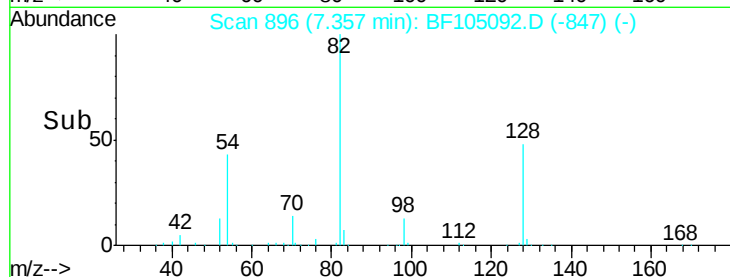
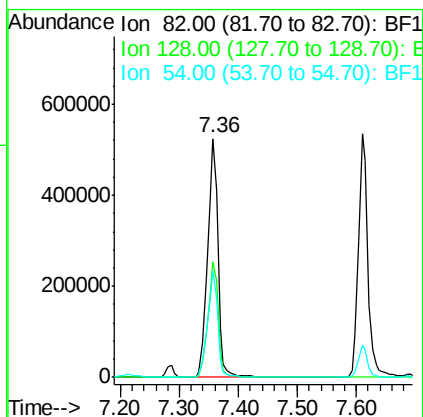
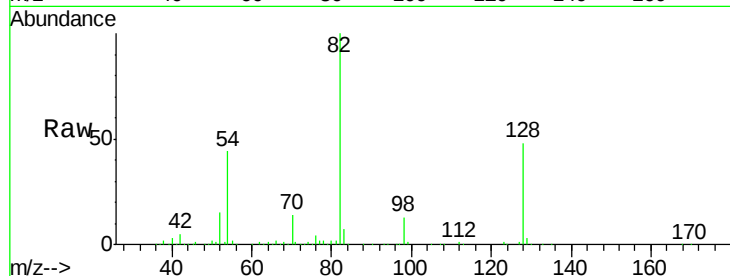




#23
 Nitrobenzene-d5
 Concen: 97.586 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

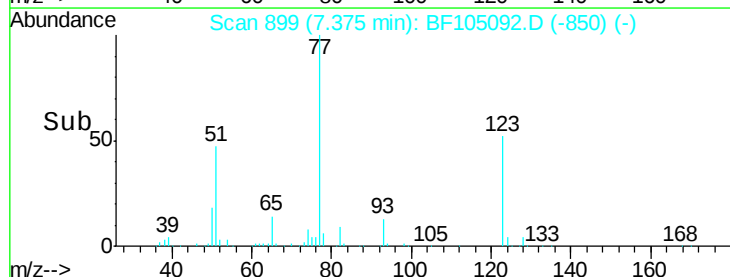
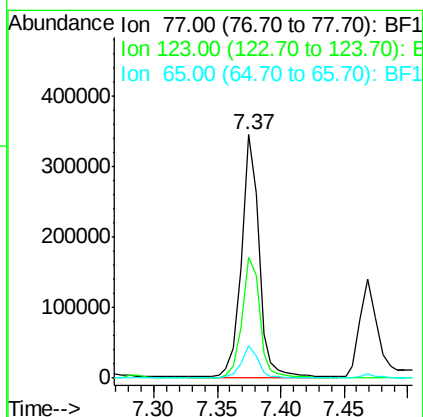
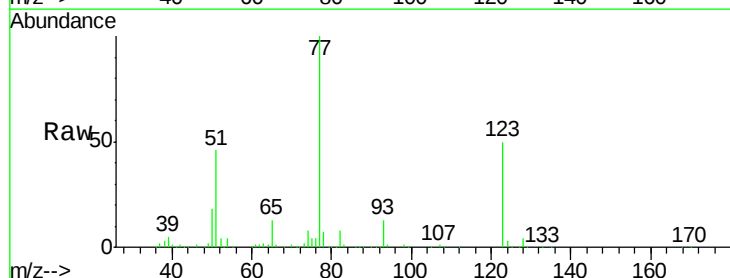
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

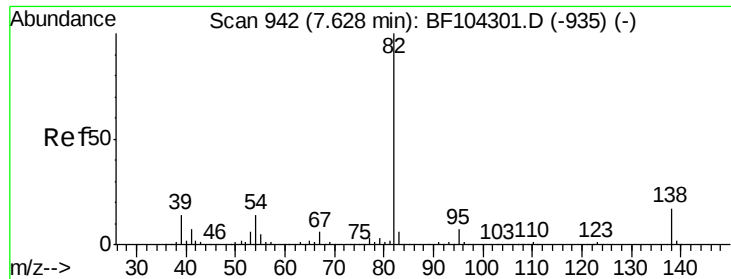
Tot Ion: 82 Resp: 650044
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 44.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 45.216 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion: 77 Resp: 332538
 Ion Ratio Lower Upper
 77 100
 123 49.6 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 43.102 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

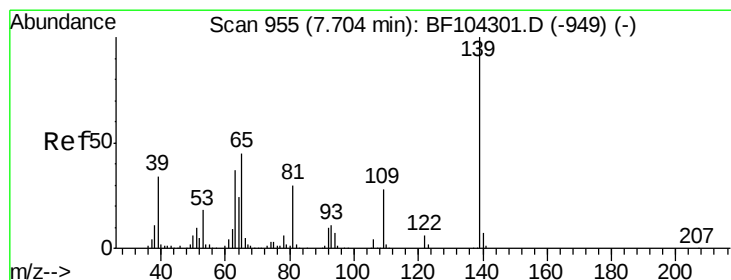
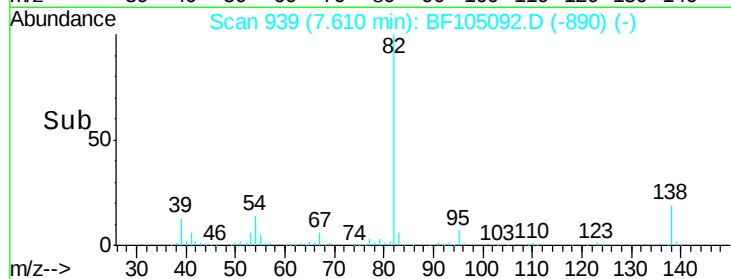
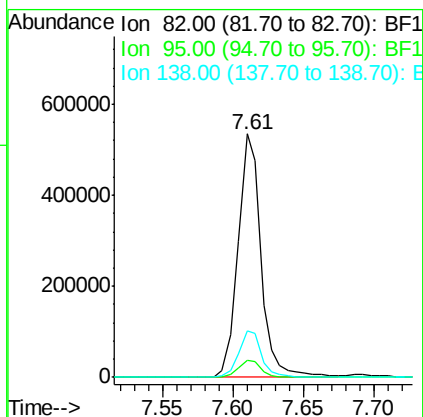
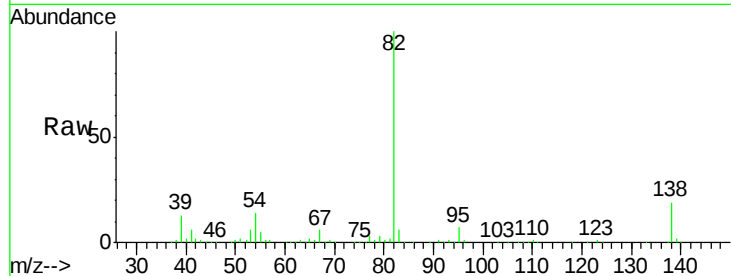
Tot Ion: 82 Resp: 607145

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 61.311 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

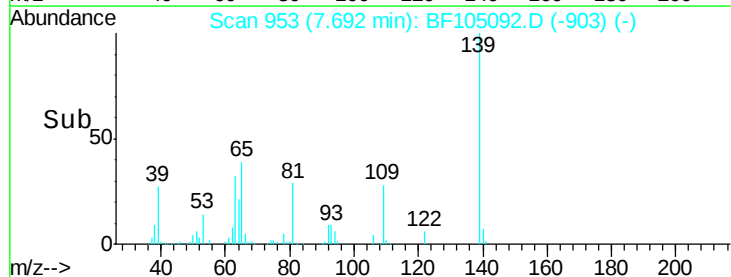
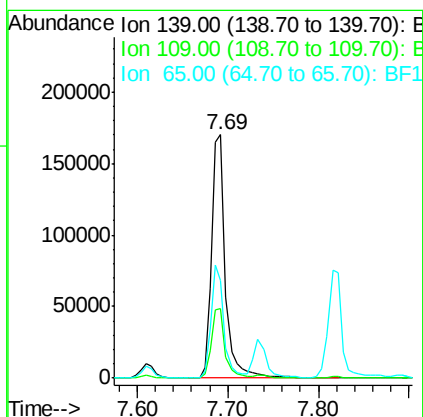
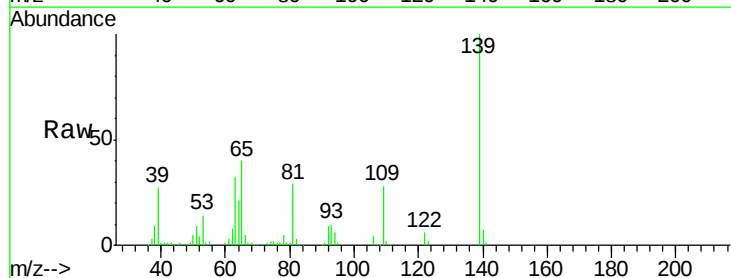
Tgt Ion: 139 Resp: 183566

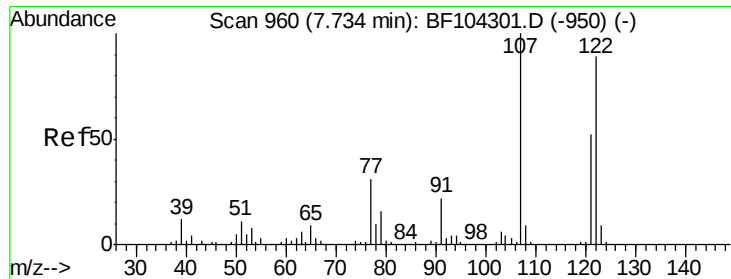
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 40.0 40.5 60.7#

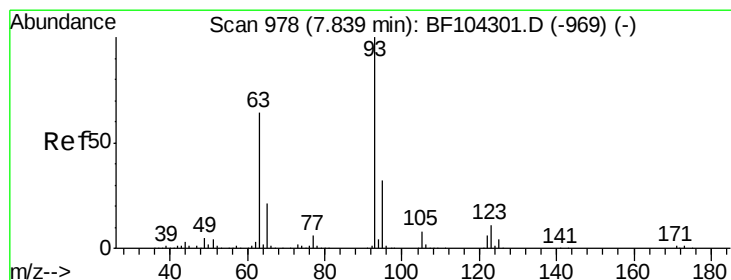
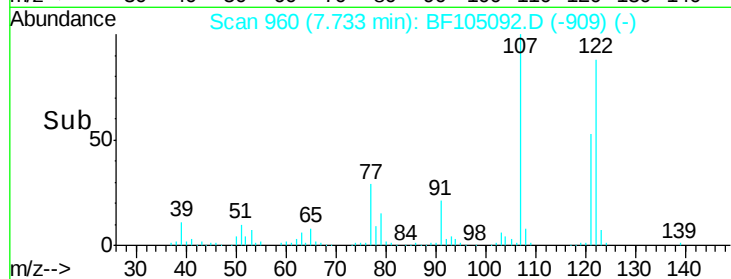
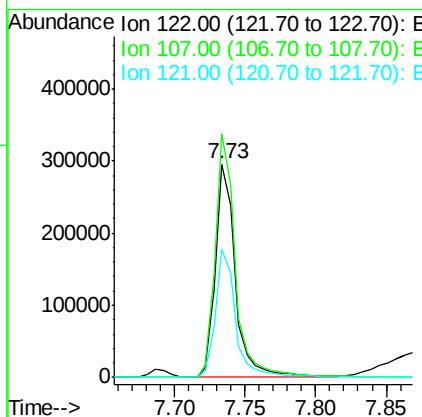
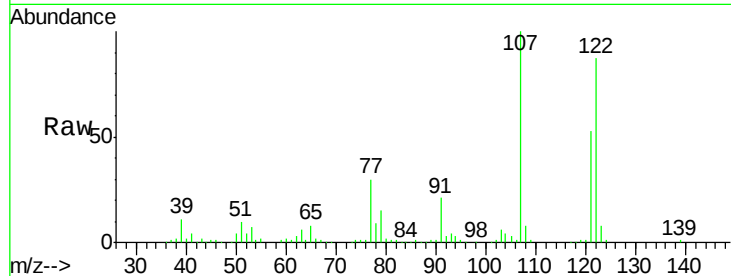




#27
 2,4-Dimethylphenol
 Concen: 47.040 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

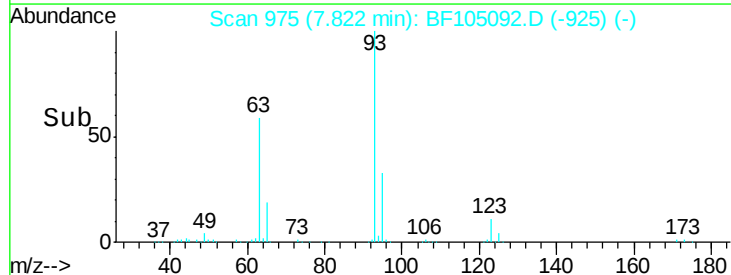
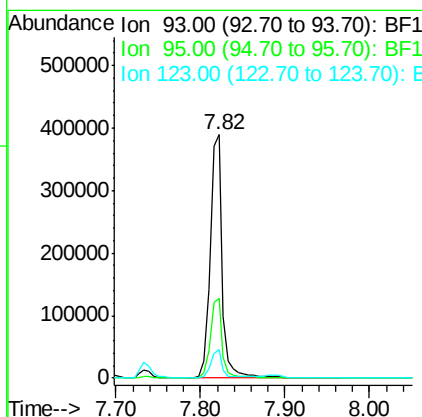
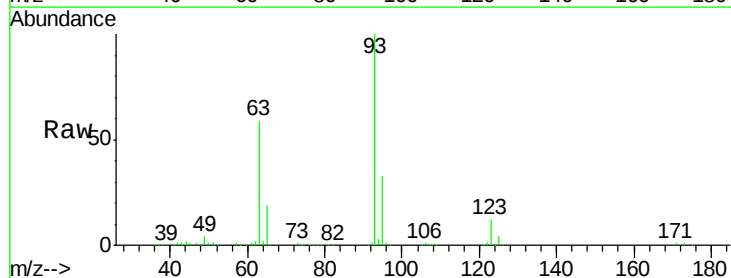
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

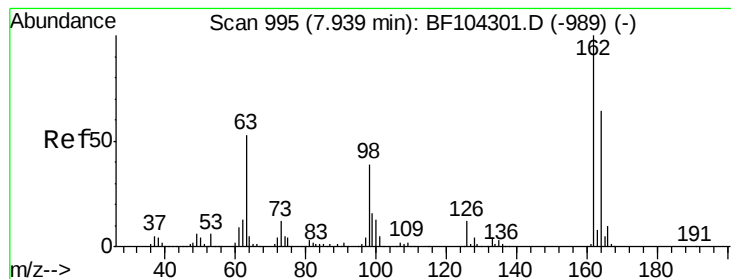
Tot Ion:122 Resp: 292431
 Ion Ratio Lower Upper
 122 100
 107 114.4 91.2 136.8
 121 60.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.842 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion: 93 Resp: 394814
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 48.735 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

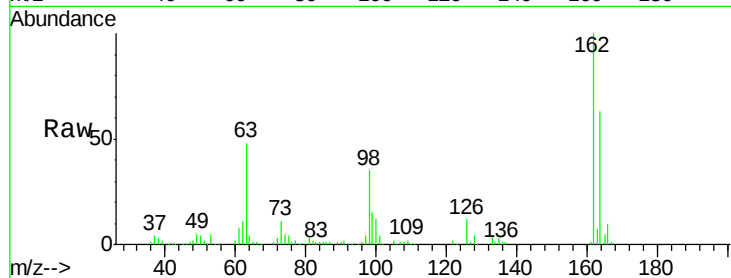
Tot Ion:162 Resp: 289078

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

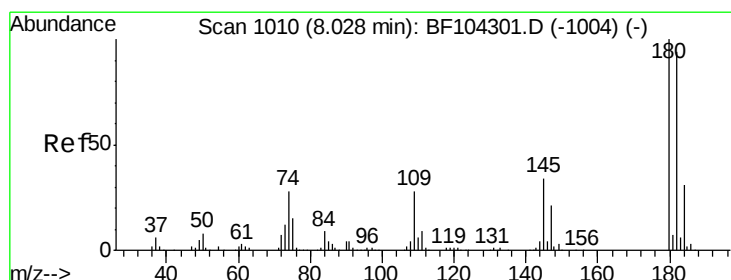
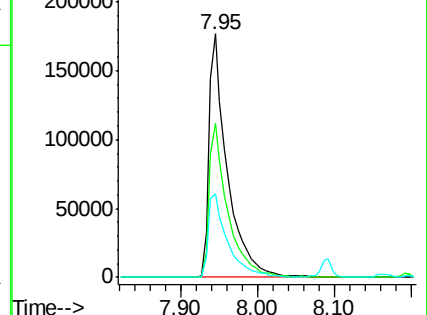
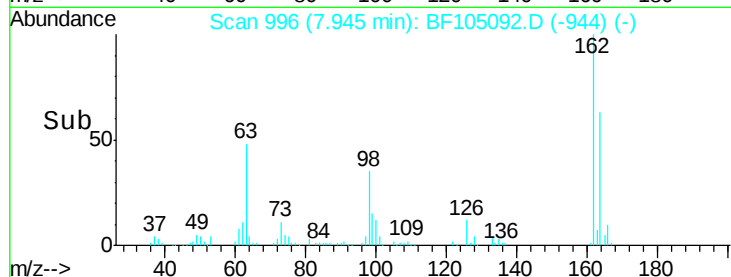
98 34.5 18.1 58.1



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: 44.807 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

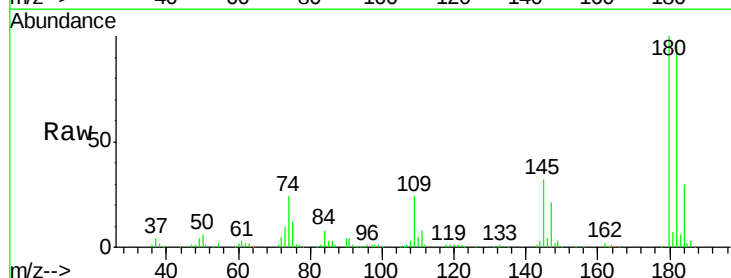
Tgt Ion:180 Resp: 291681

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

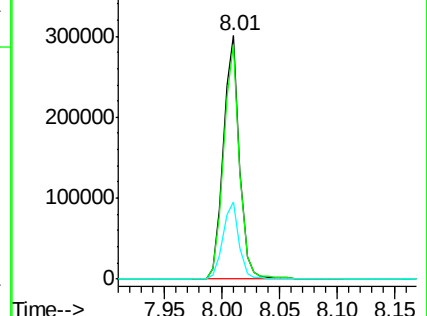
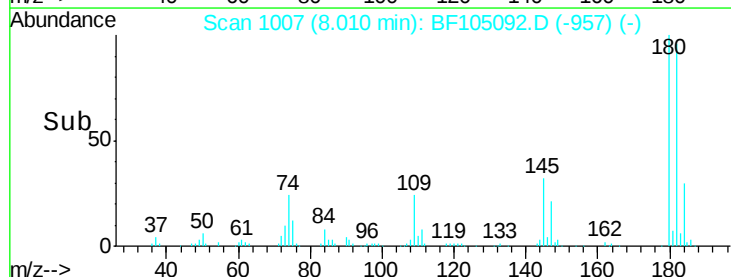
145 32.0 26.5 39.7

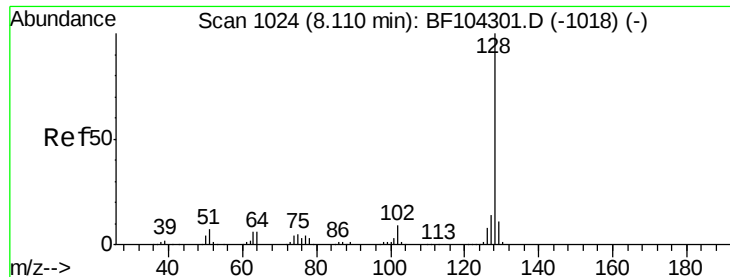


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

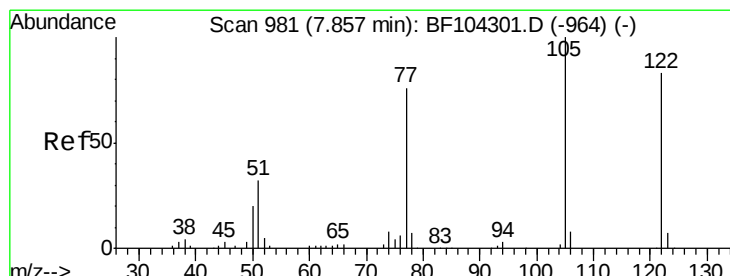
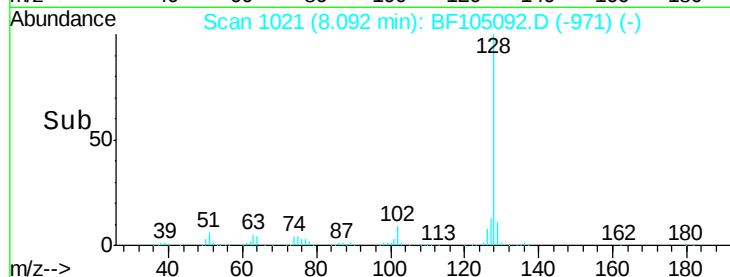
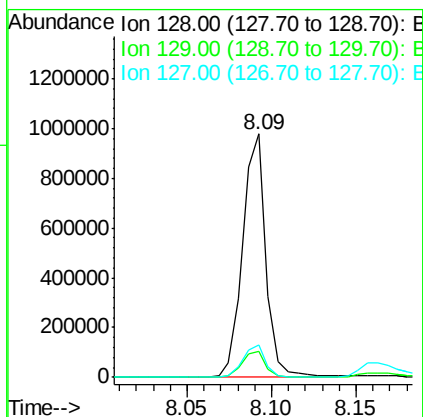
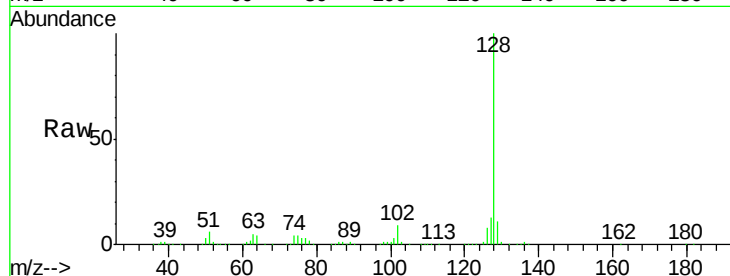




#31
Naphthalene
Concen: 43.359 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

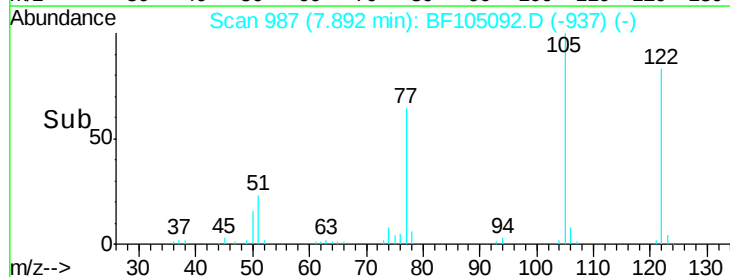
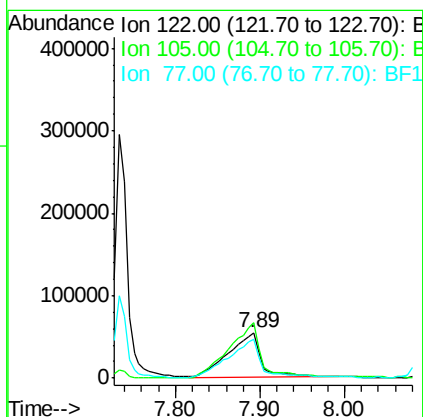
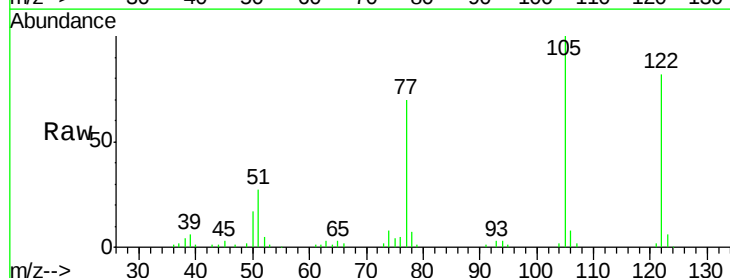
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

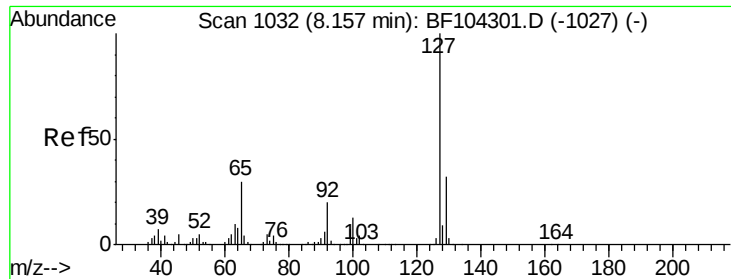
Tot Ion:128 Resp: 939103
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 29.282 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:122 Resp: 145245
Ion Ratio Lower Upper
122 100
105 122.0 101.1 141.1
77 85.2 70.7 110.7

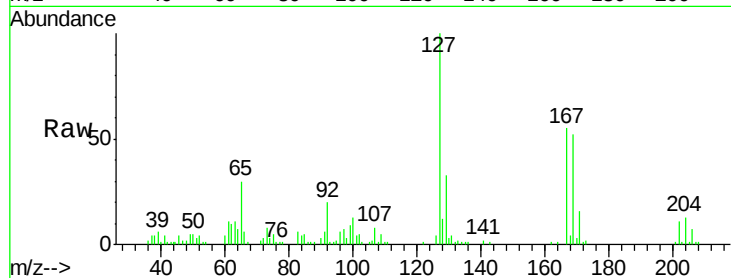




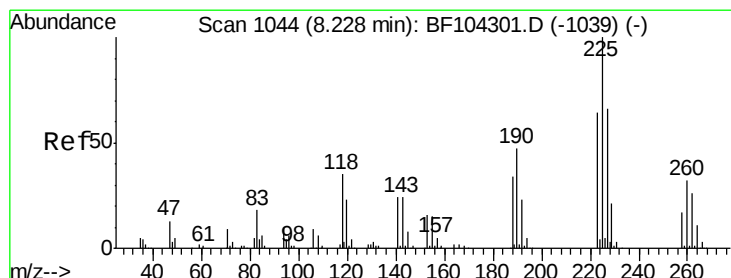
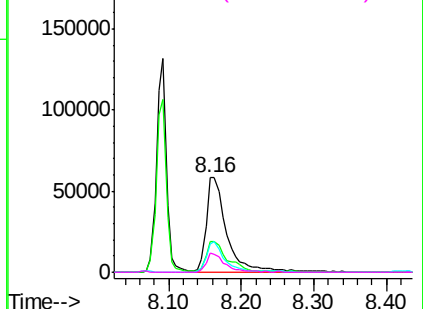
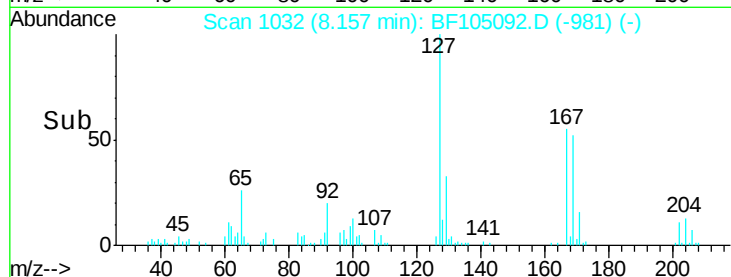
#33
4-Chloroaniline
Concen: 12.225 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion:	127	Resp:	113437
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.6	25.0	37.4
92	19.9	15.2	22.8

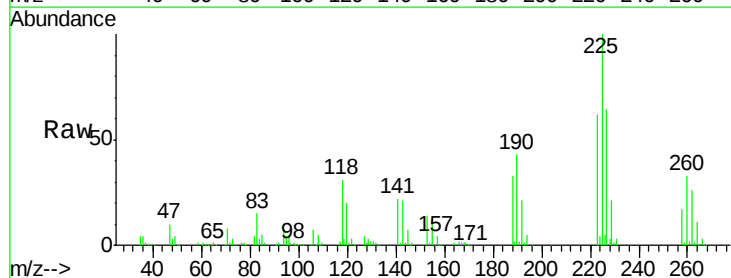


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

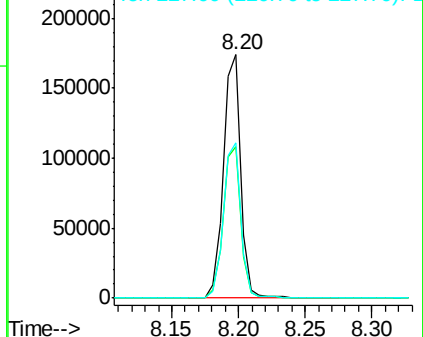
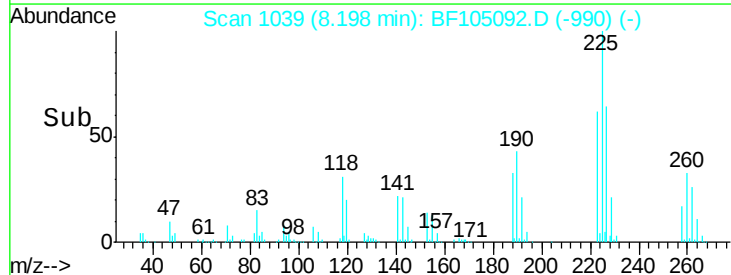


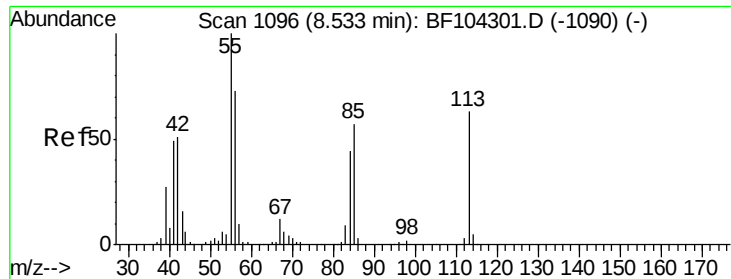
#34
Hexachlorobutadiene
Concen: 45.179 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:	225	Resp:	161092
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.9	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

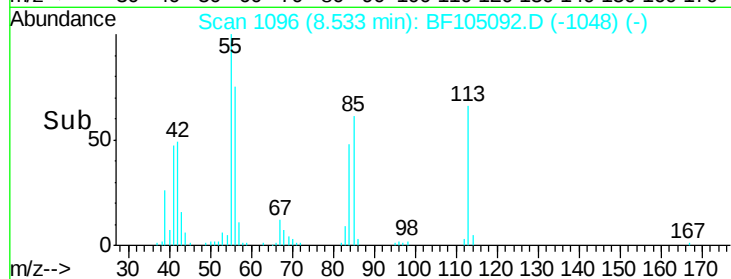
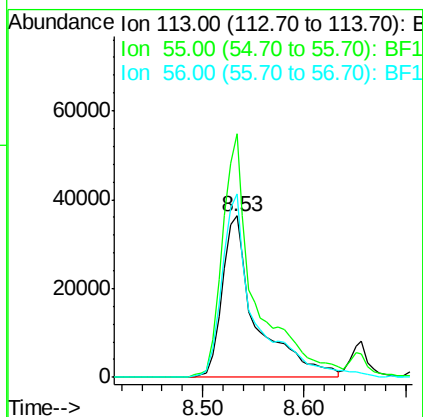
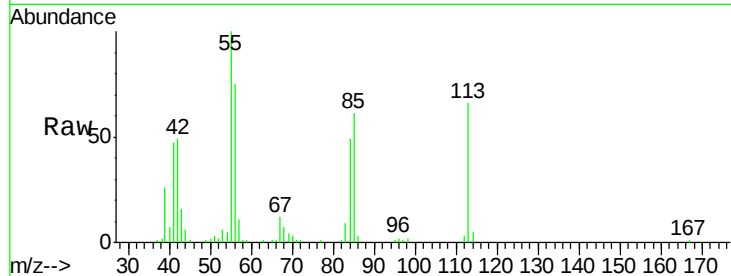




#35
 Caprolactam
 Concen: 41.103 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

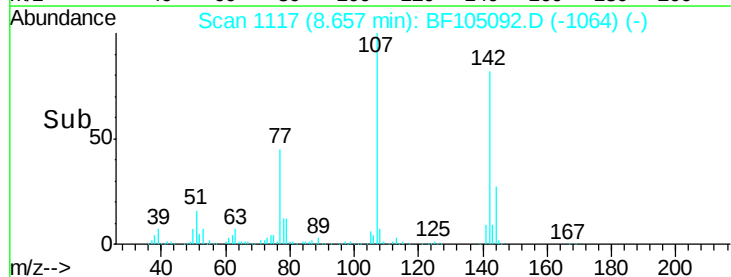
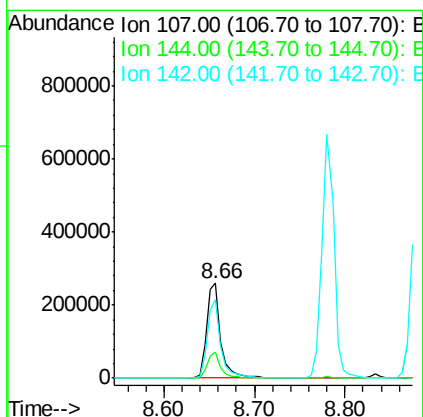
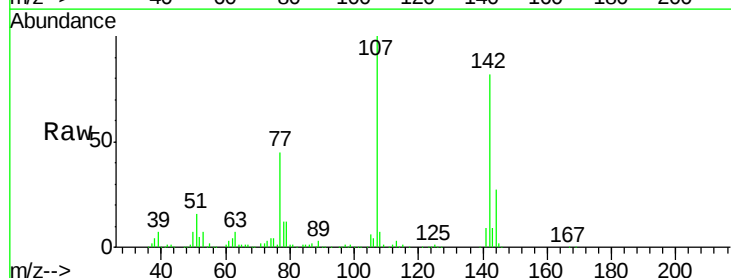
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

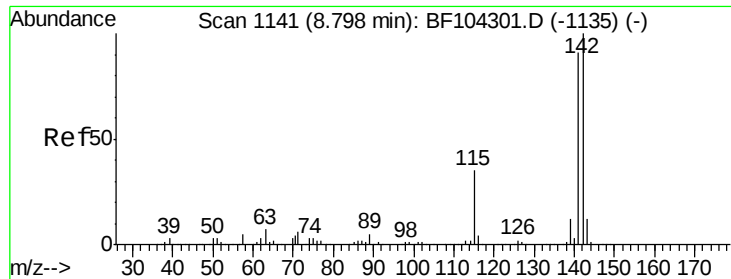
Tot Ion:113 Resp: 85053
 Ion Ratio Lower Upper
 113 100
 55 150.8 163.3 203.3#
 56 113.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 44.839 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:107 Resp: 285188
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 82.1 62.0 93.0

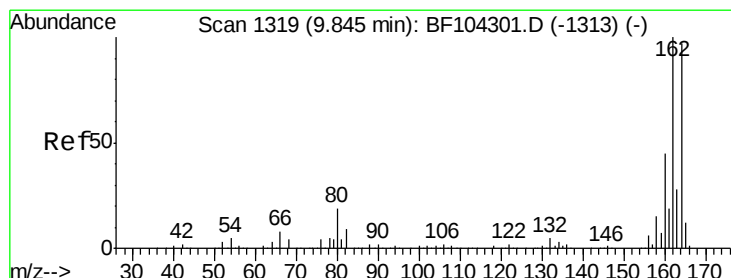
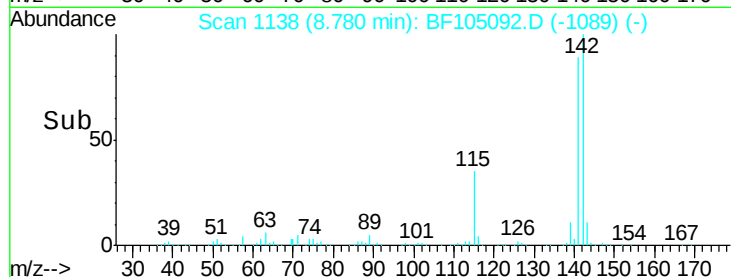
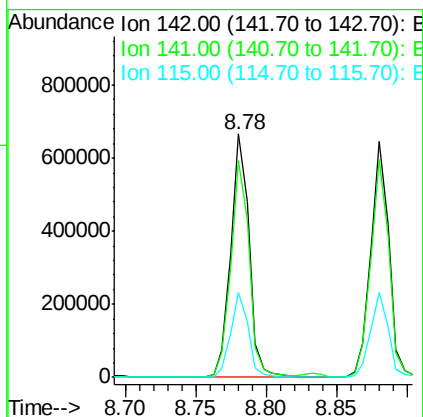
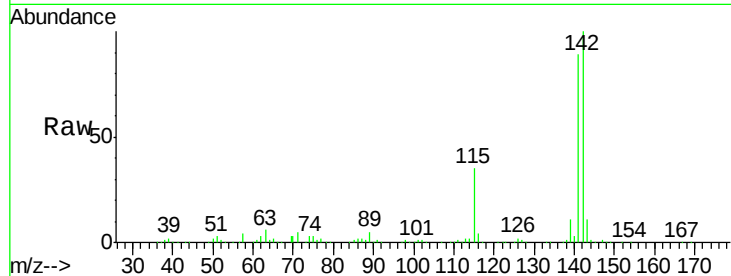




#37
2-Methylnaphthalene
Concen: 43.033 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

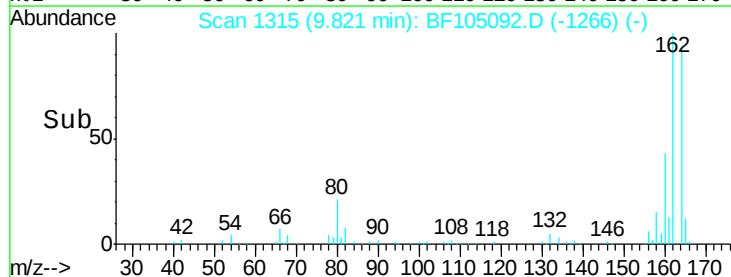
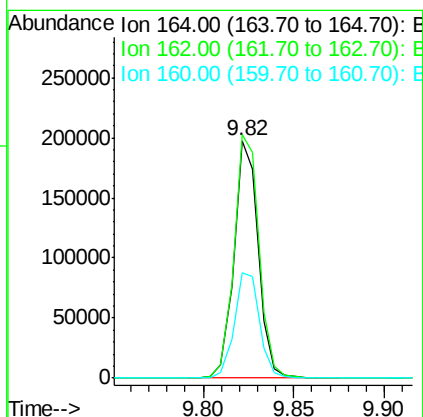
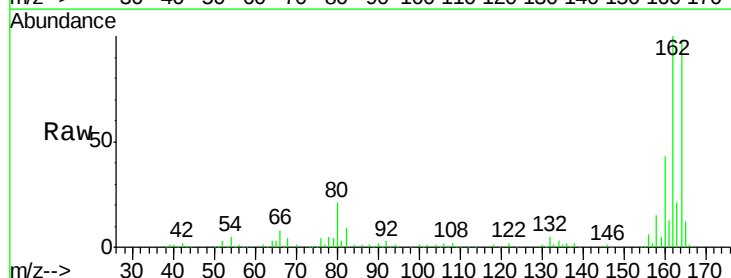
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion:142 Resp: 602902
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 35.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:164 Resp: 183606
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.4 38.3 57.5

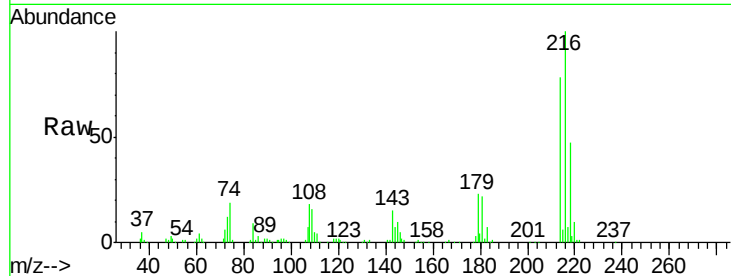




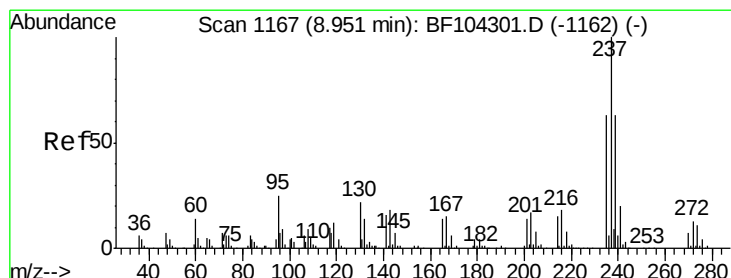
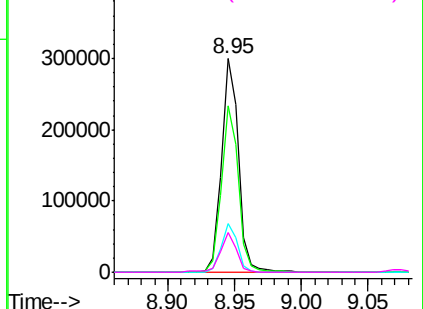
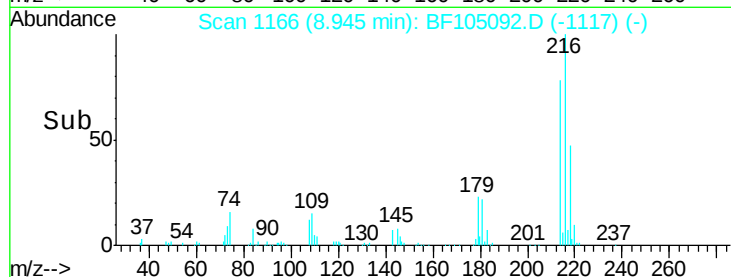
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.280 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:	216	Resp:	269519
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	22.0	18.1	27.1
108	18.0	17.2	25.8

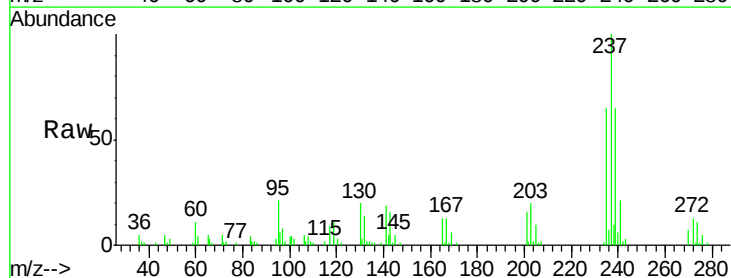


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

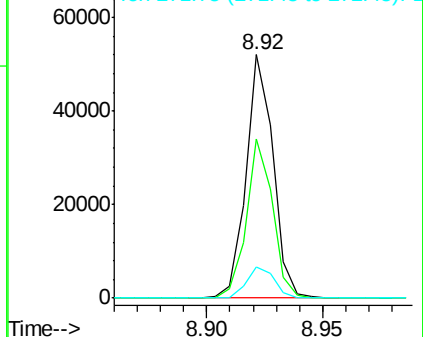
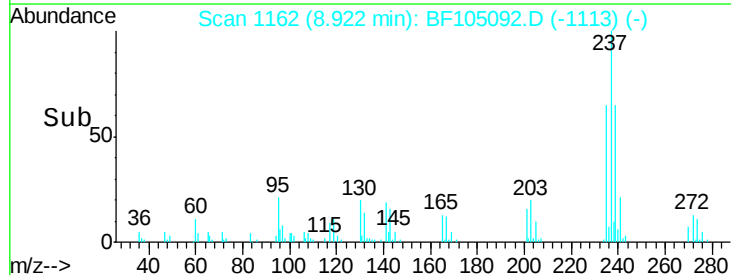


#40
 Hexachlorocyclopentadiene
 Concen: 14.507 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:	237	Resp:	42686
Ion	Ratio	Lower	Upper
237	100		
235	65.4	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

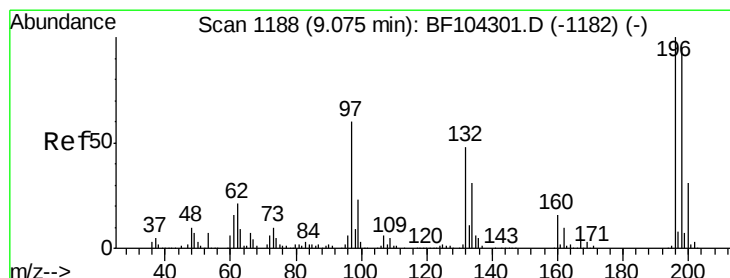
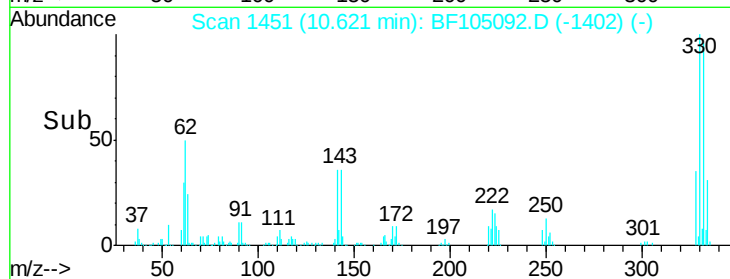
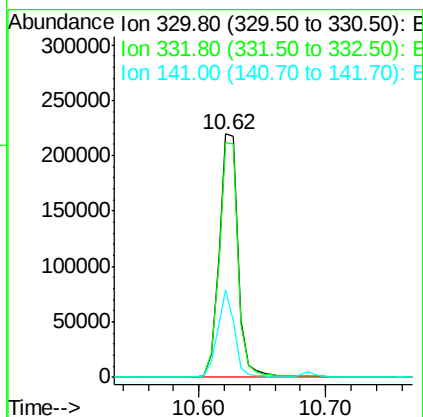
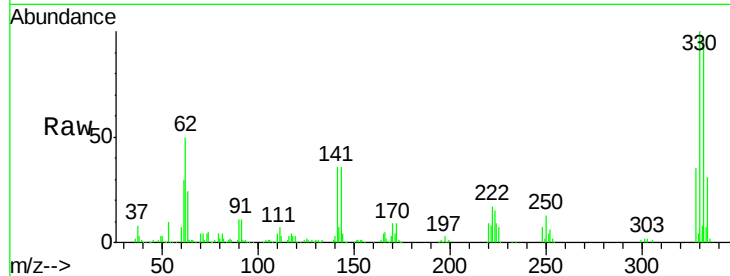




#41
 2,4,6-Tribromophenol
 Concen: 121.175 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

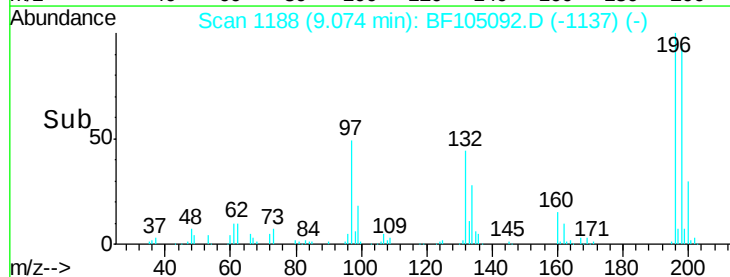
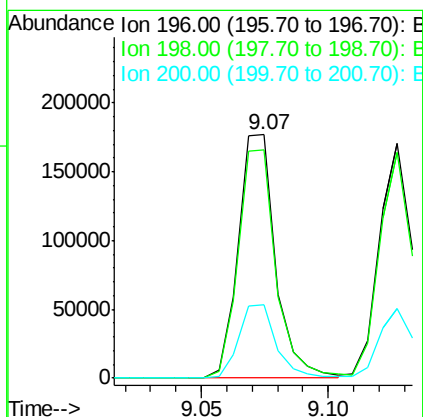
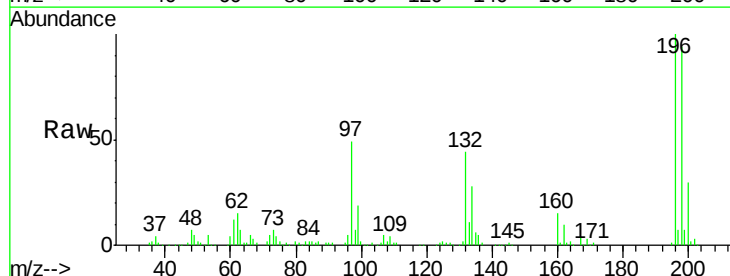
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 49.559 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
200	30.1	24.5	36.7

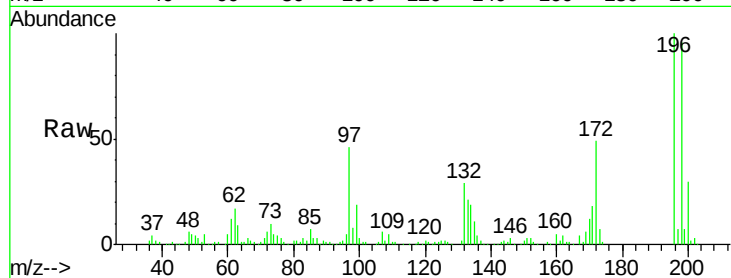




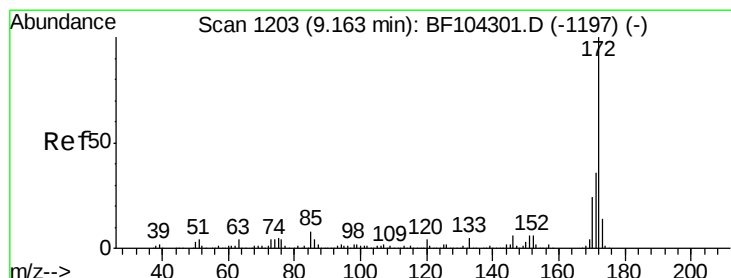
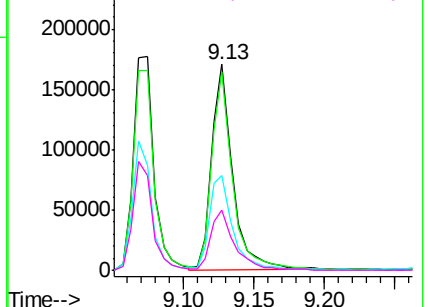
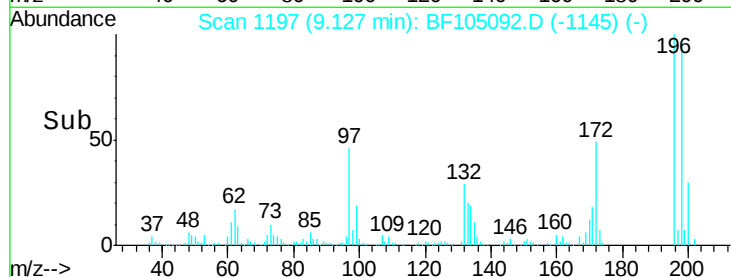
#43
 2,4,5-Trichlorophenol
 Concen: 43.246 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:196	Resp:	176566
Ion	Ratio	Lower Upper
196	100	
198	96.4	74.6 112.0
97	46.2	42.9 64.3
132	29.2	26.3 39.5

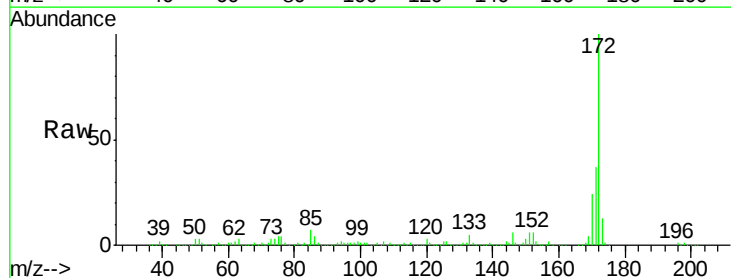


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

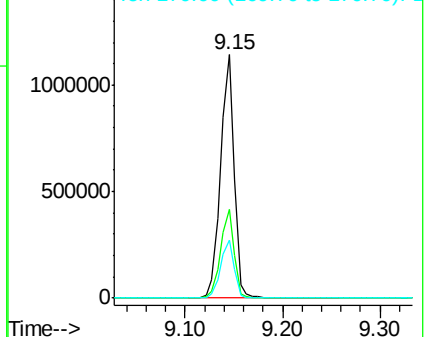
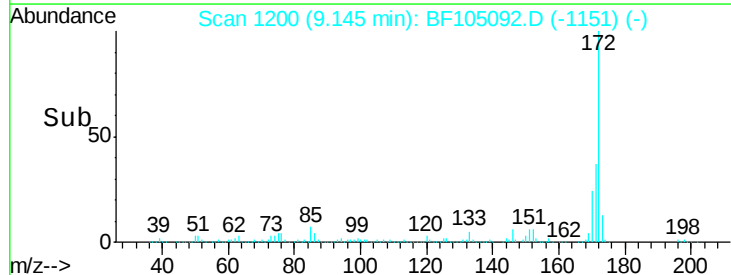


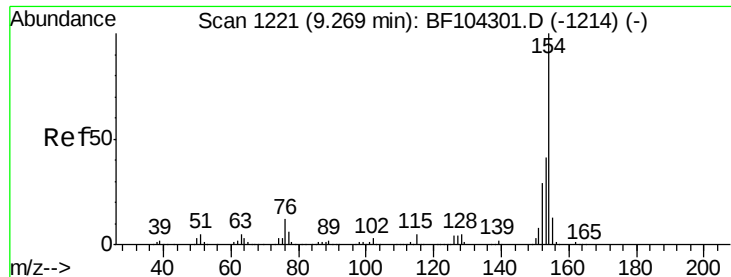
#44
 2-Fluorobiphenyl
 Concen: 95.185 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:172	Resp:	1106285
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.7 44.5
170	23.9	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 46.408 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

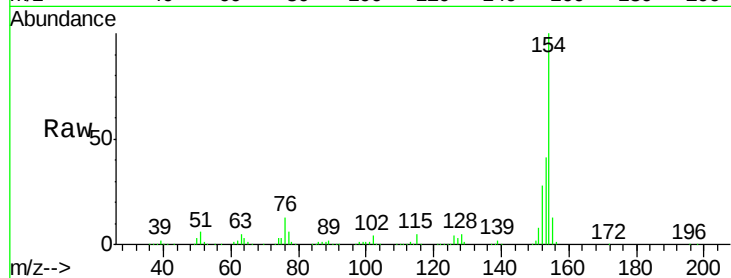
Tot Ion:154 Resp: 715799

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

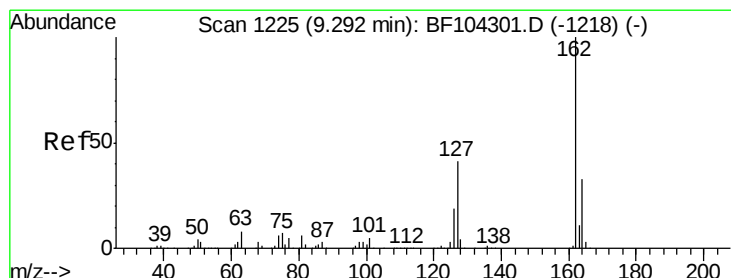
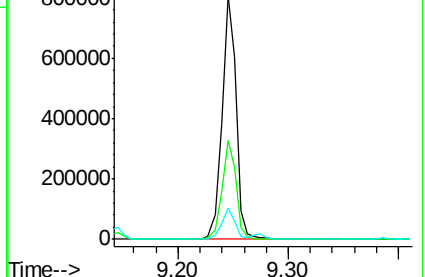
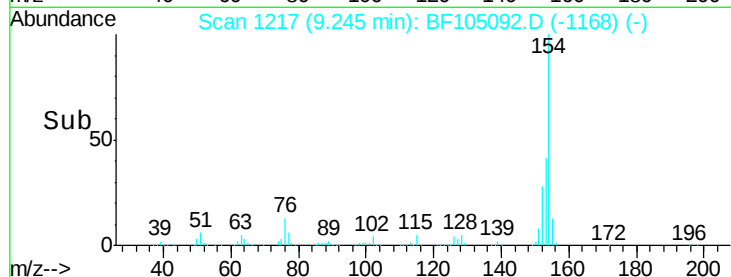
76 12.7 0.0 34.0



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: 45.848 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

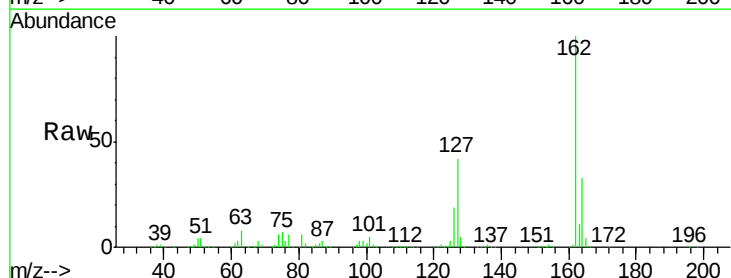
Tgt Ion:162 Resp: 558579

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

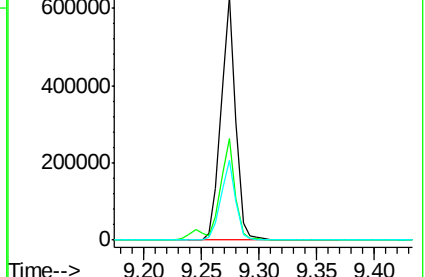
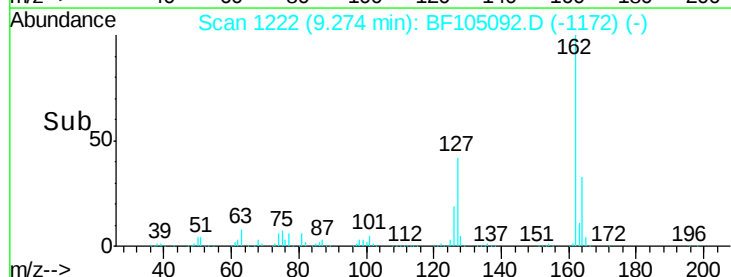
164 32.9 26.5 39.7

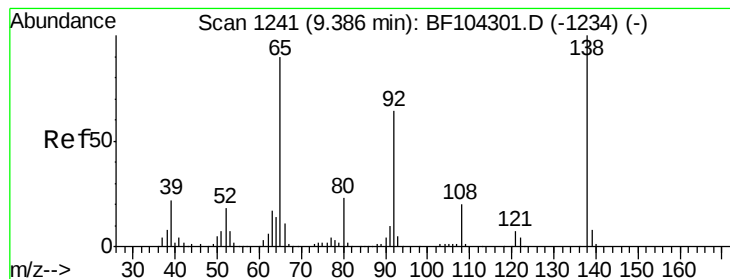


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.433 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

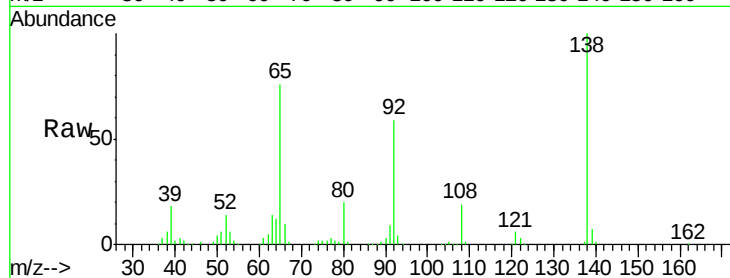
Tot Ion: 65 Resp: 157976

Ion Ratio Lower Upper

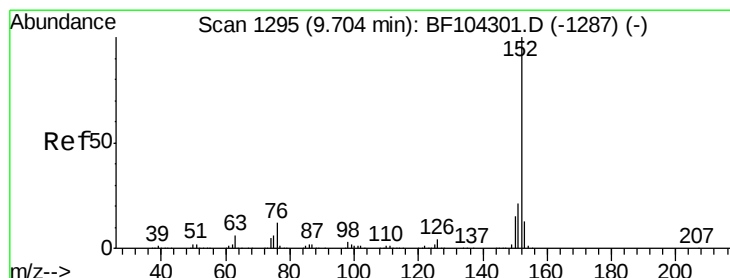
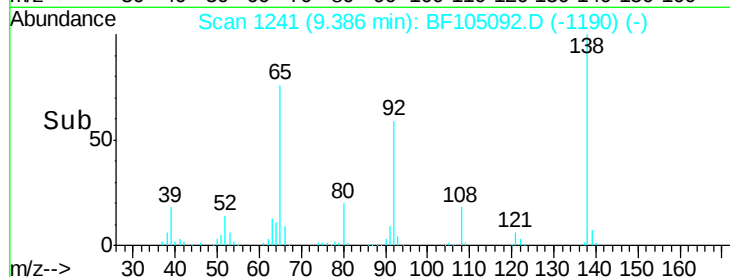
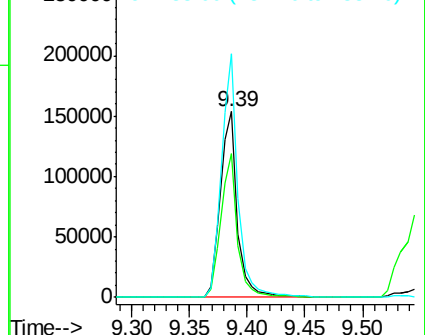
65 100

92 77.2 55.8 83.6

138 131.3 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: 40.776 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

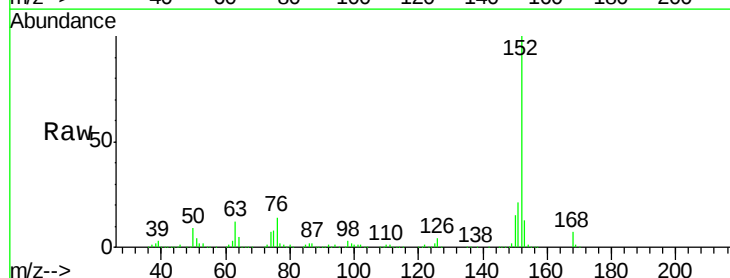
Tgt Ion: 152 Resp: 779439

Ion Ratio Lower Upper

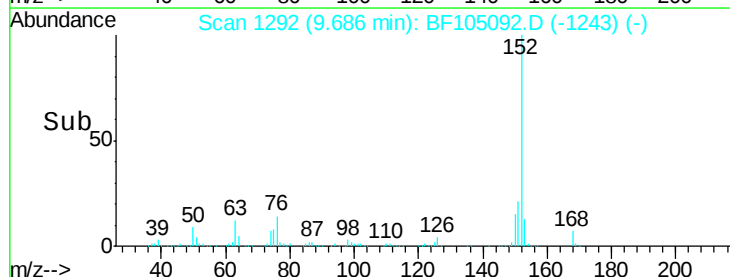
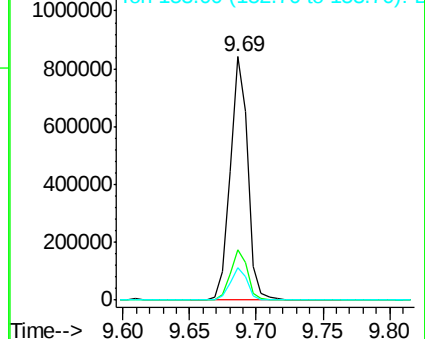
152 100

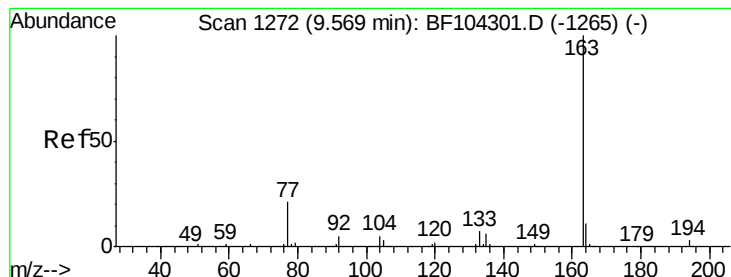
151 20.6 16.3 24.5

153 13.1 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: 52.196 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

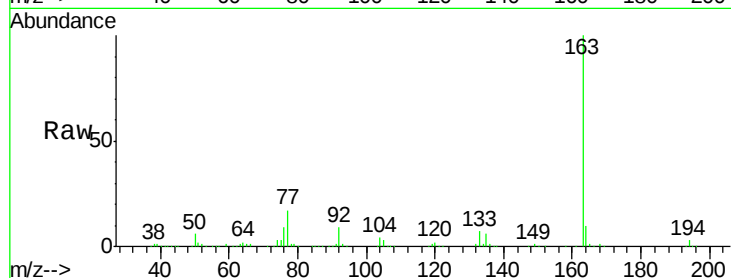
Tot Ion:163 Resp: 755740

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

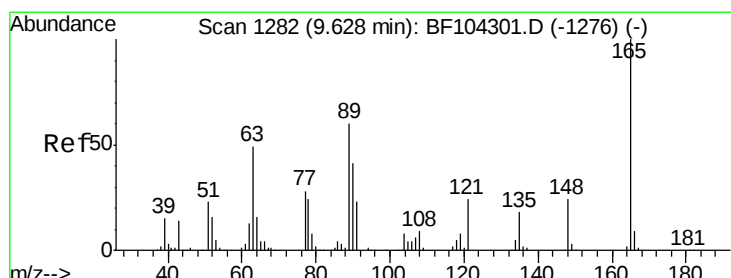
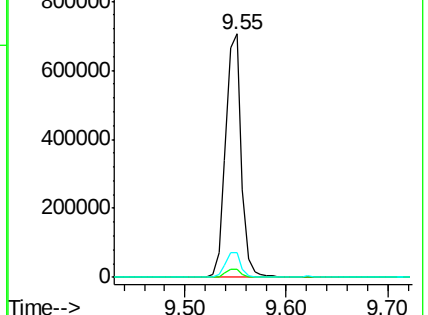
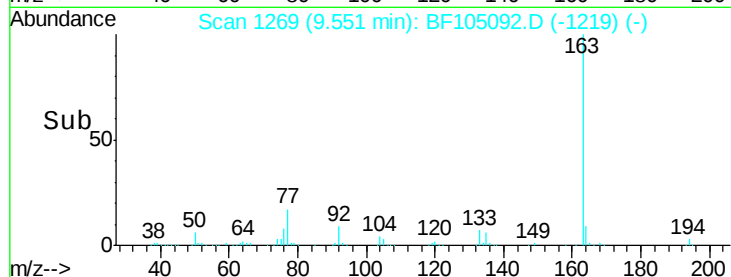
164 10.3 8.2 12.2



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: 51.893 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

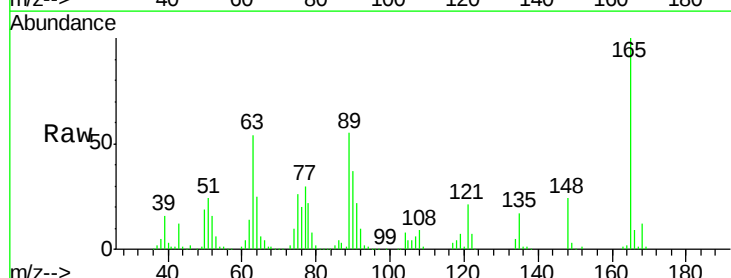
Tgt Ion:165 Resp: 139027

Ion Ratio Lower Upper

165 100

63 53.7 44.7 67.1

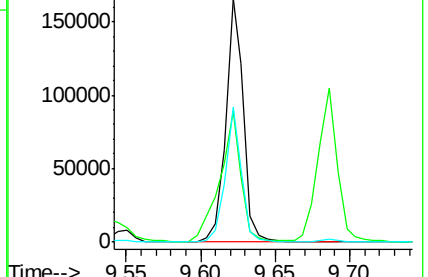
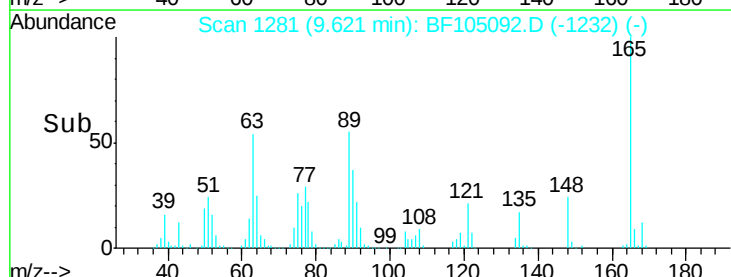
89 55.3 44.0 66.0



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: 39.940 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

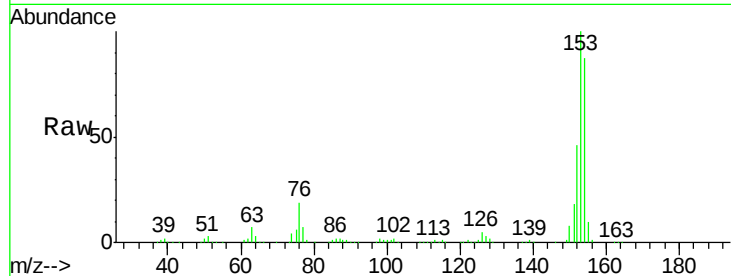
Tot Ion:154 Resp: 465805

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

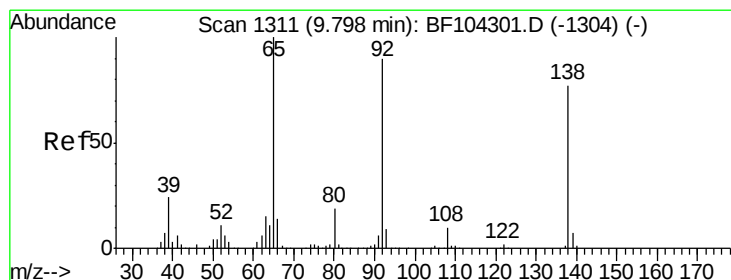
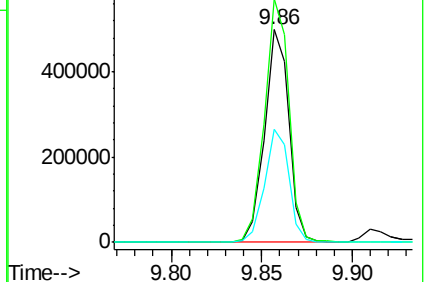
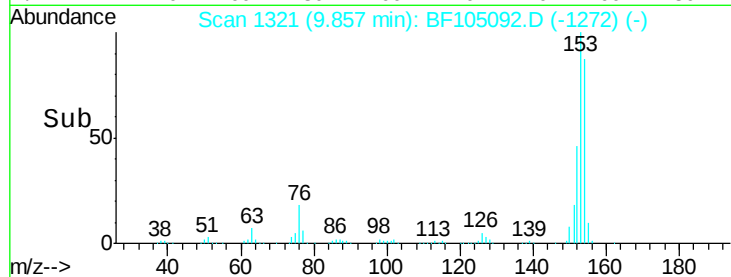
152 53.0 43.8 65.8



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: 26.558 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

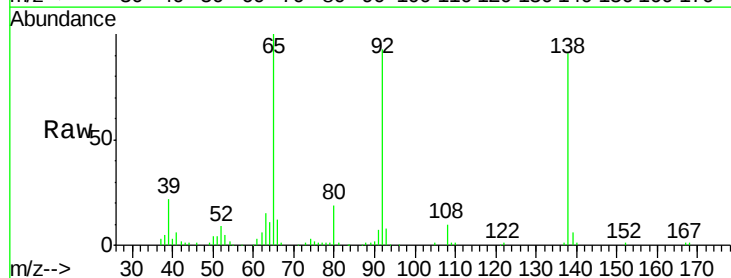
Tgt Ion:138 Resp: 83299

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

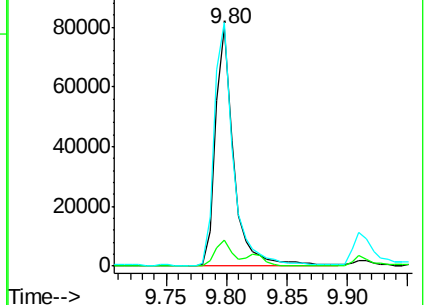
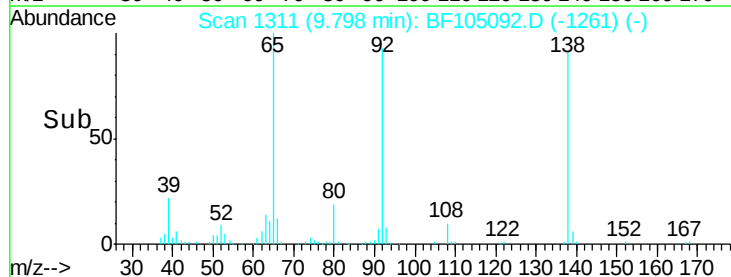
92 102.1 89.4 134.2

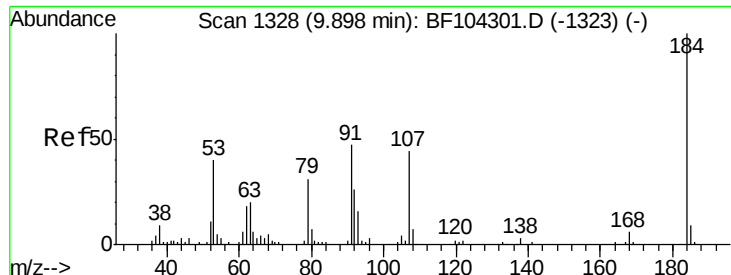


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

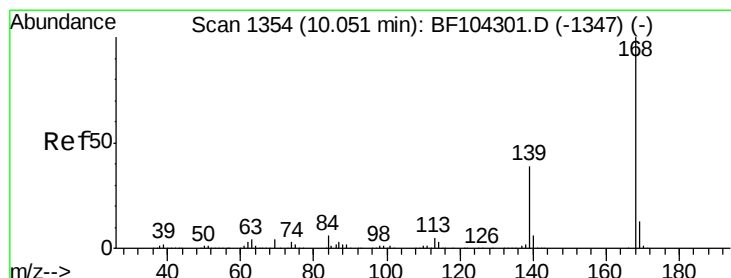
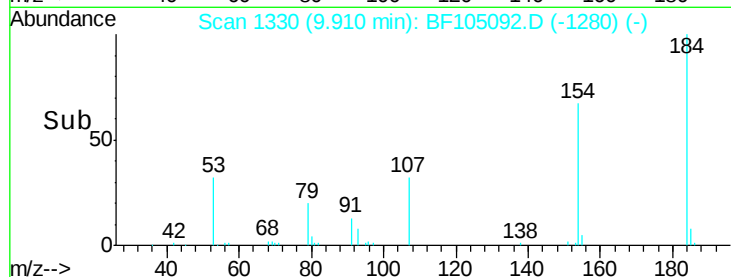
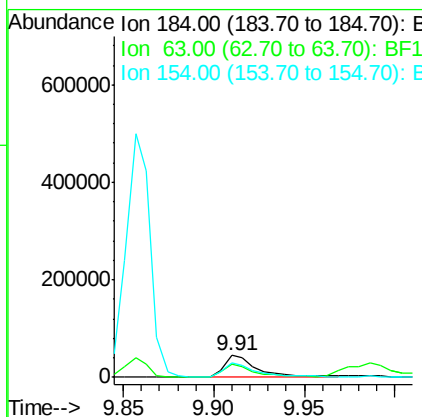
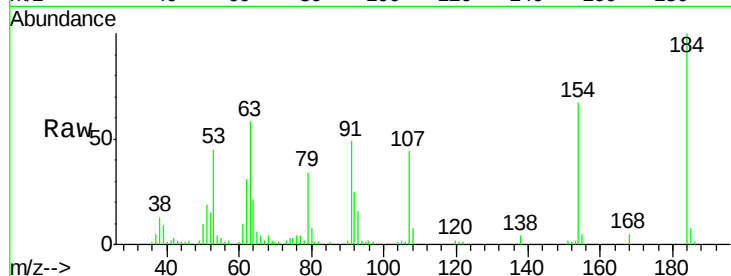




#53
 2,4-Dinitrophenol
 Concen: 60.016 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

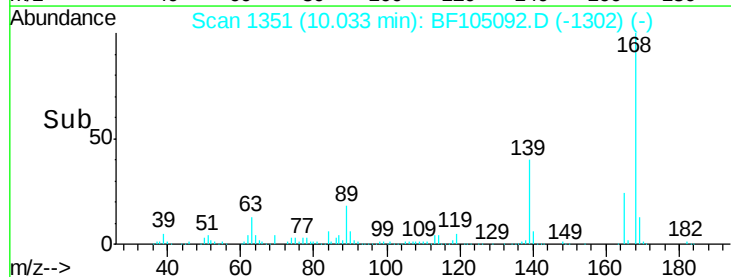
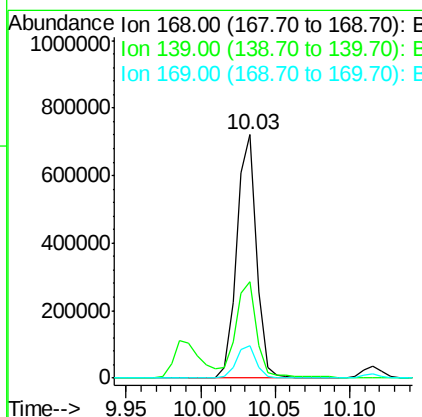
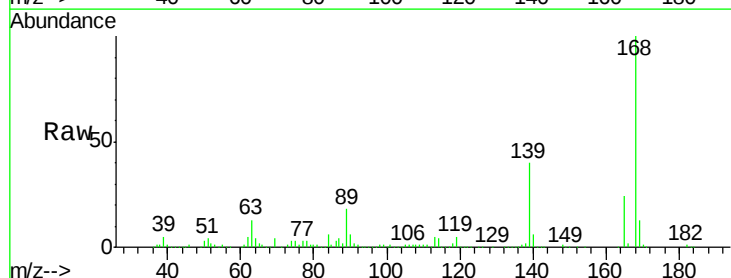
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

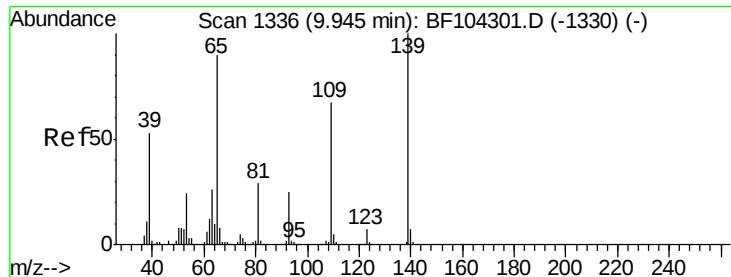
Tot Ion:184 Resp: 58280
 Ion Ratio Lower Upper
 184 100
 63 58.3 54.2 81.2
 154 67.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.153 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:168 Resp: 668871
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.2 10.9 16.3

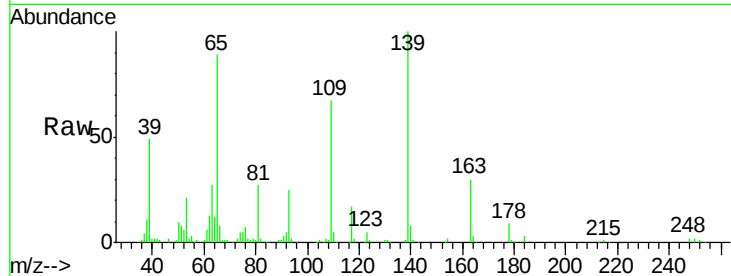




#55
4-Nitrophenol
Concen: 56.217 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.4	88.4
65	89.2	72.6	112.6

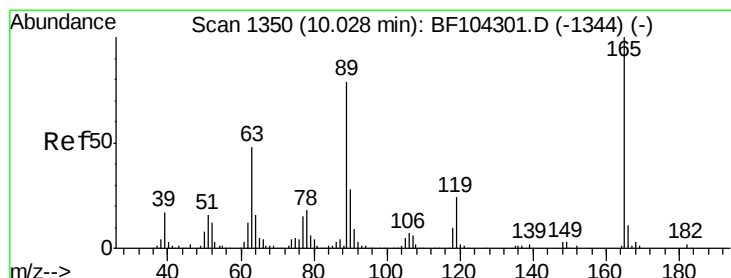
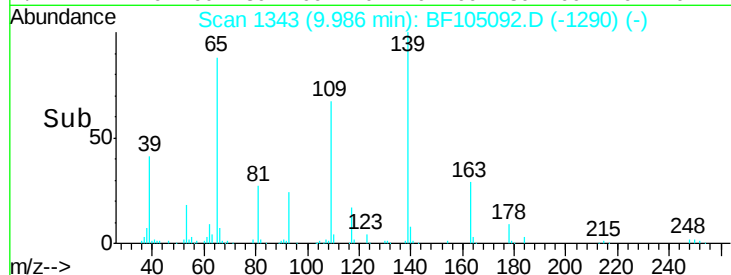
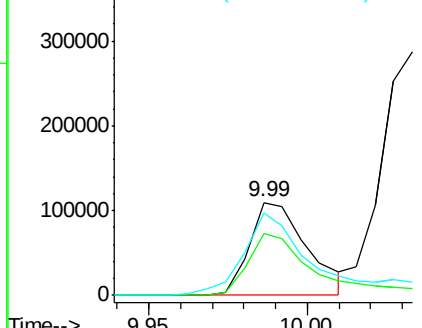


Abundance

Ion 139.00 (138.70 to 139.70): E

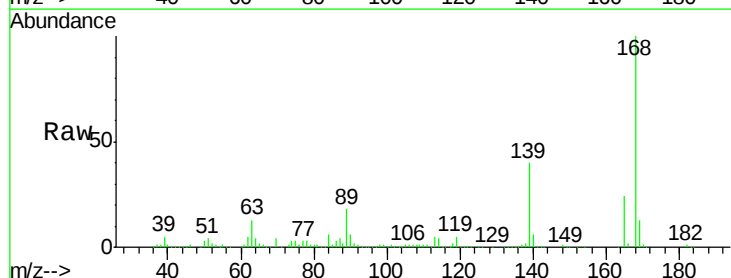
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 45.305 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	36.4	54.6#
89	75.5	57.8	86.6
182	2.6	1.6	2.4#



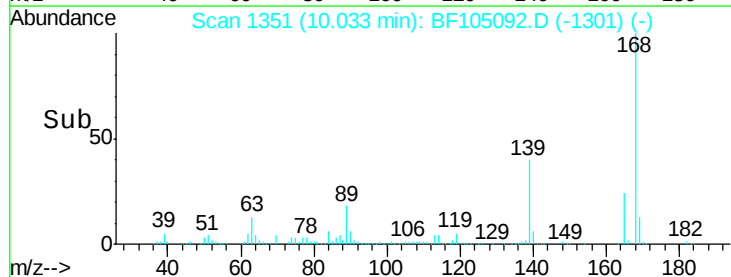
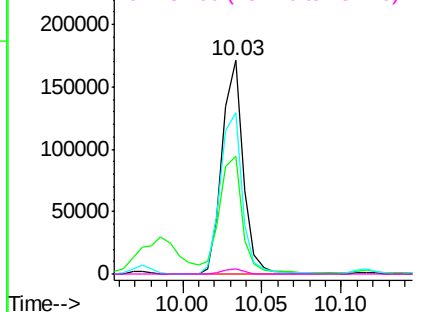
Abundance

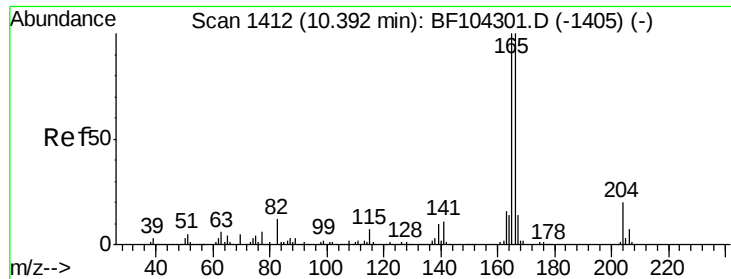
Ion 165.00 (164.70 to 165.70): E

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

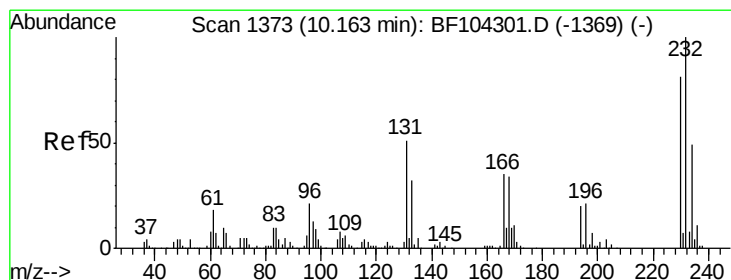
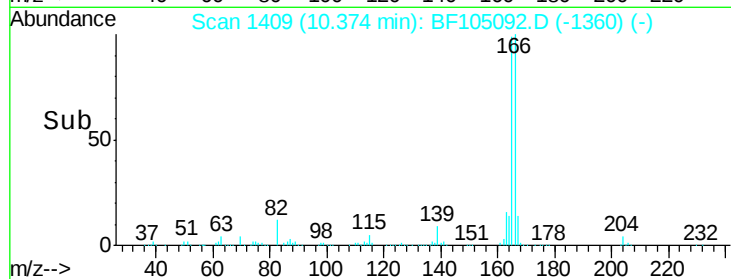
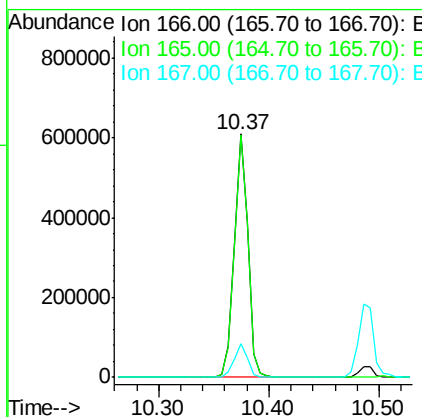
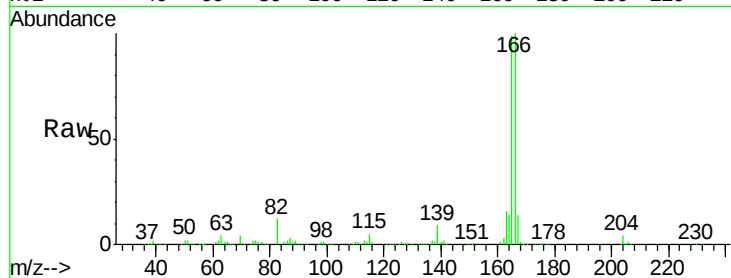




#57
 Fluorene
 Concen: 44.999 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

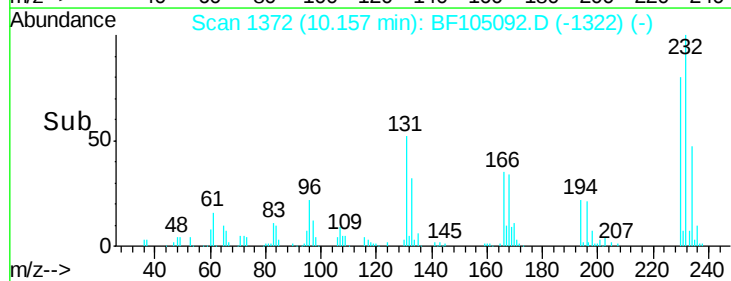
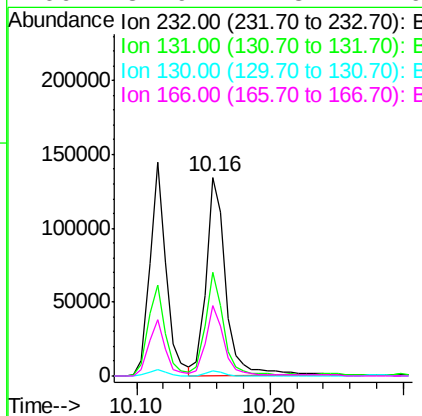
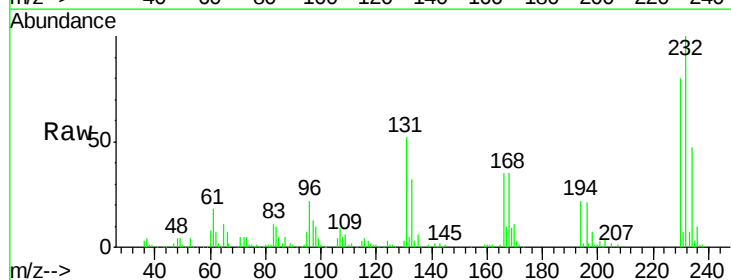
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

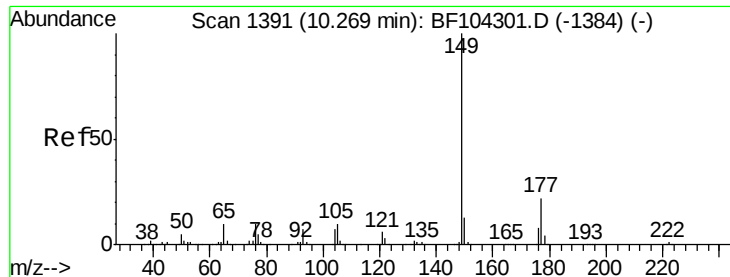
Tot Ion:166 Resp: 532349
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.849 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:232 Resp: 136610
 Ion Ratio Lower Upper
 232 100
 131 47.6 43.8 65.8
 130 2.7 2.1 3.1
 166 32.9 27.8 41.6





#59

Diethylphthalate

Concen: 43.093 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

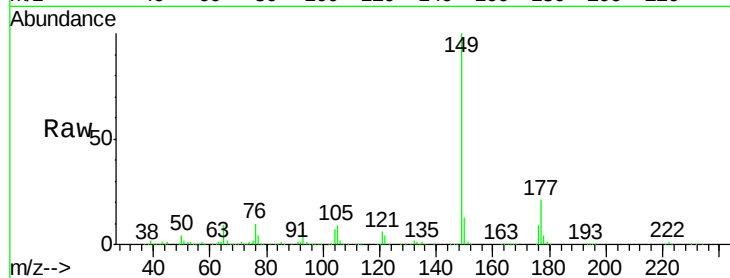
Tot Ion:149 Resp: 621389

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

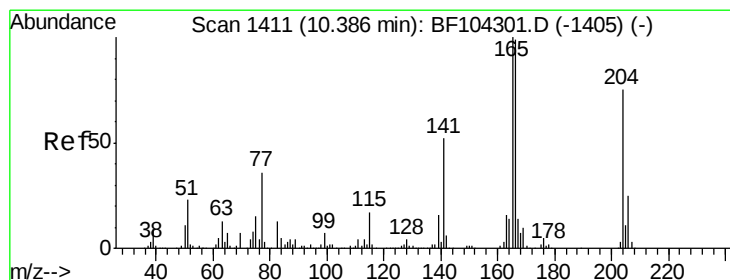
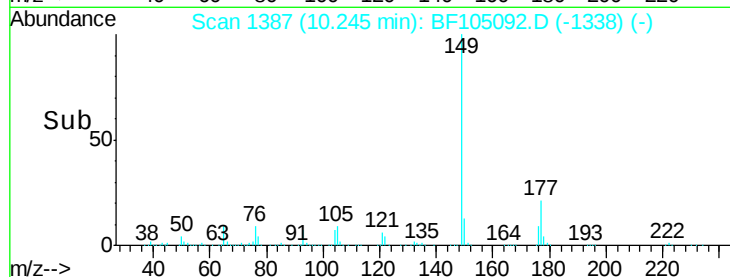
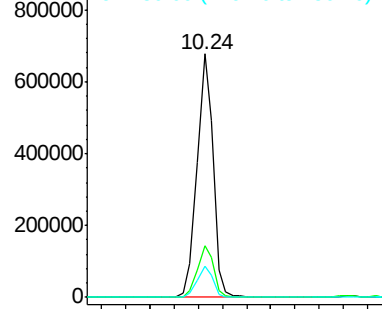
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.761 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

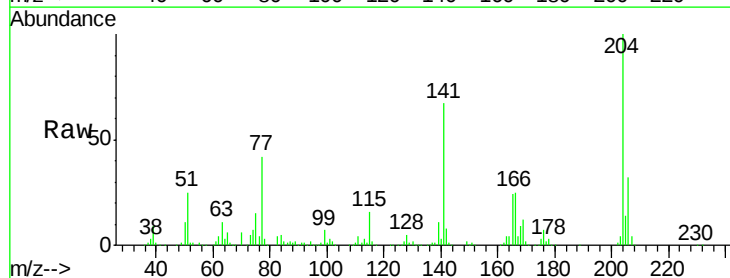
Tgt Ion:204 Resp: 256902

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

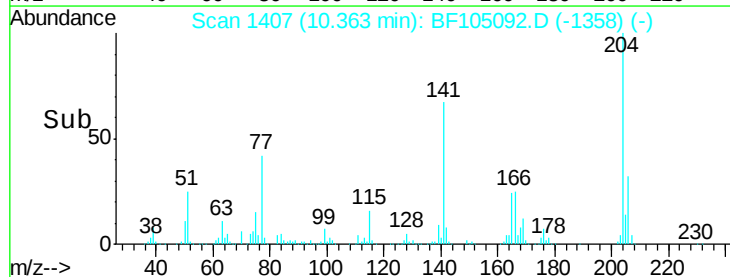
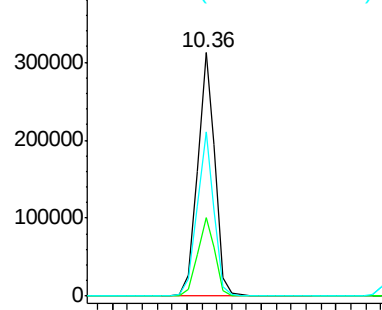
141 67.2 54.6 81.8

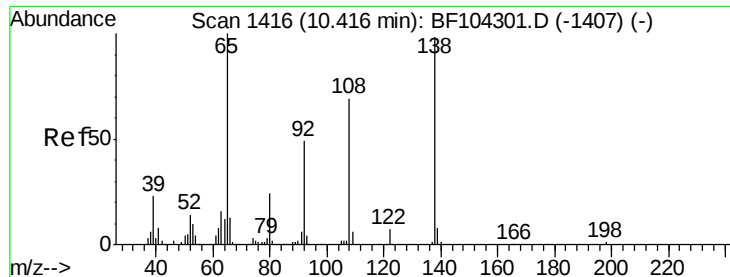


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

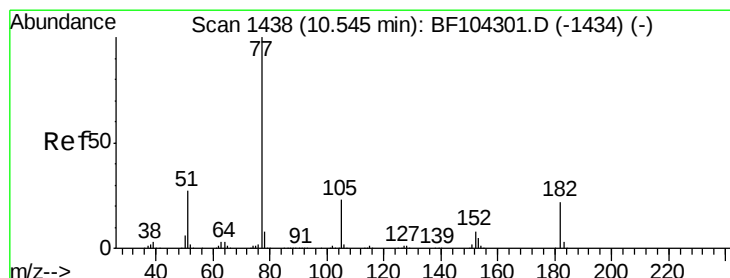
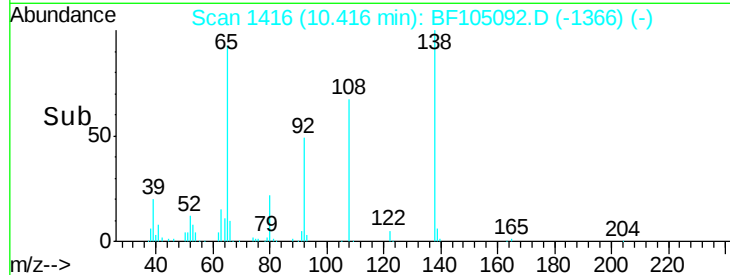
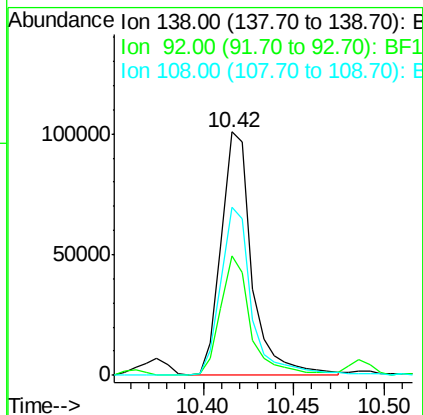
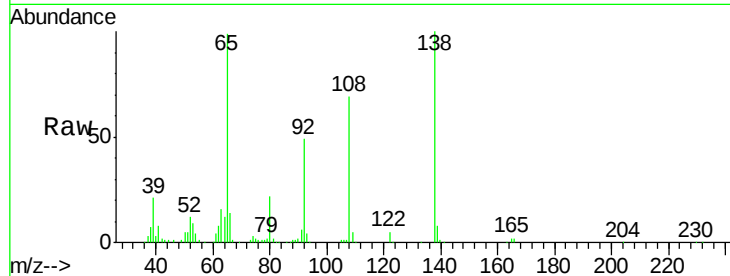




#61
4-Nitroaniline
Concen: 39.129 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

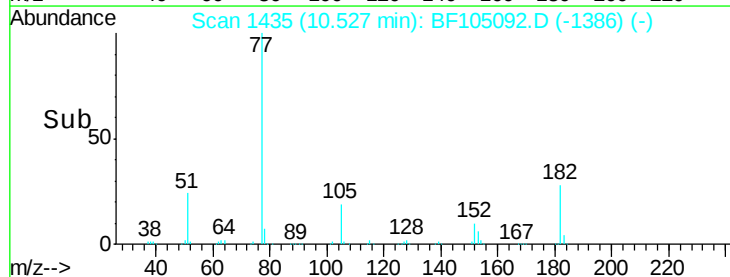
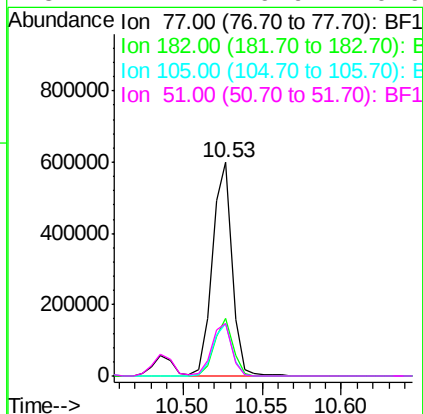
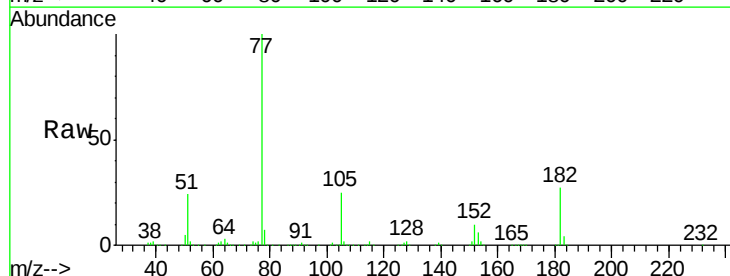
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

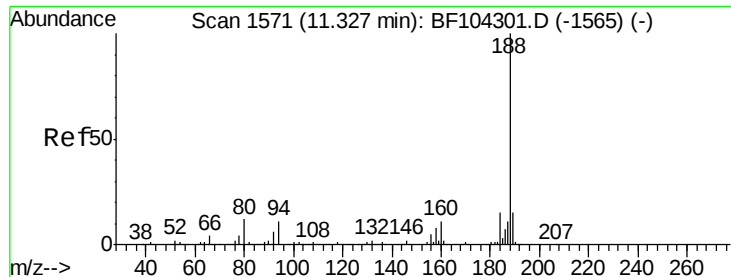
Tot Ion:138 Resp: 119999
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 69.2 52.5 92.5



#62
Azobenzene
Concen: 37.293 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 77 Resp: 513774
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 24.6 3.0 43.0
51 24.4 9.9 49.9

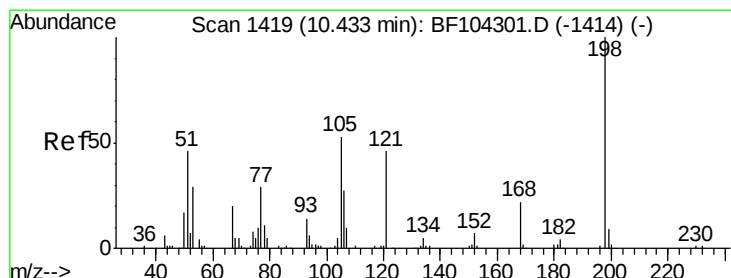
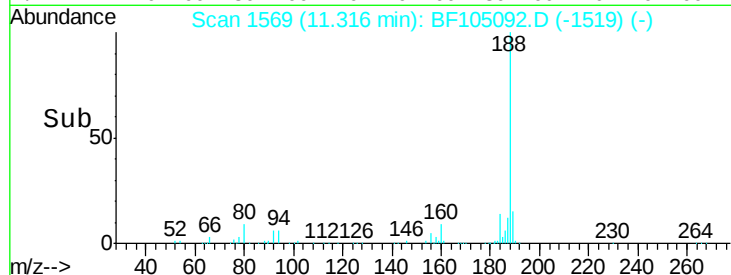
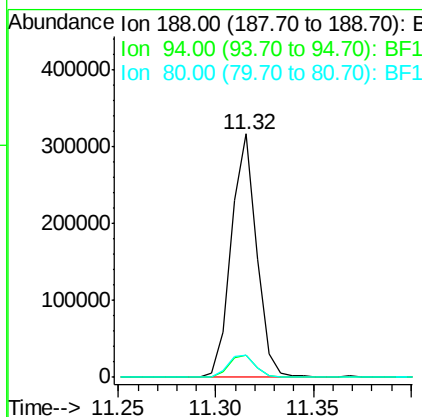
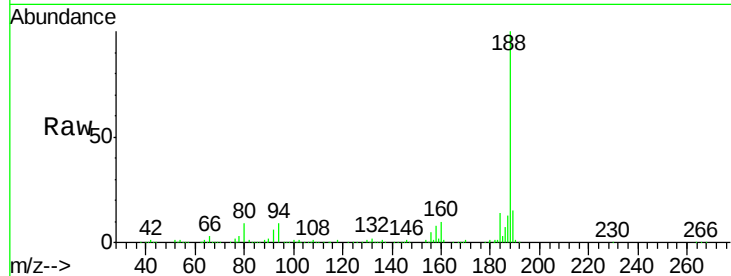




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

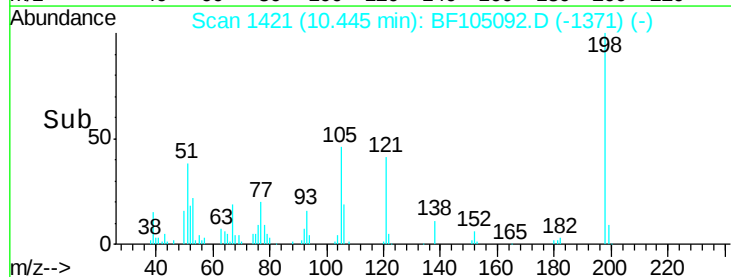
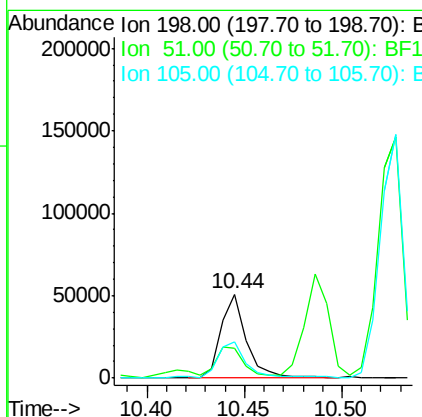
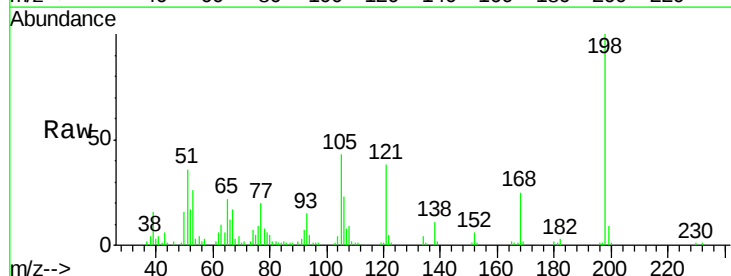
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

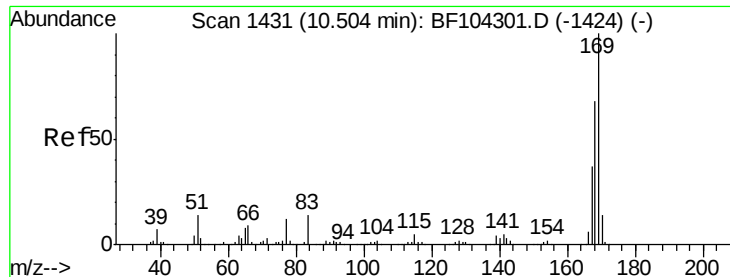
Tot Ion:188 Resp: 285549
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.955 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:198 Resp: 46974
Ion Ratio Lower Upper
198 100
51 35.7 37.7 77.7#
105 42.5 36.3 76.3

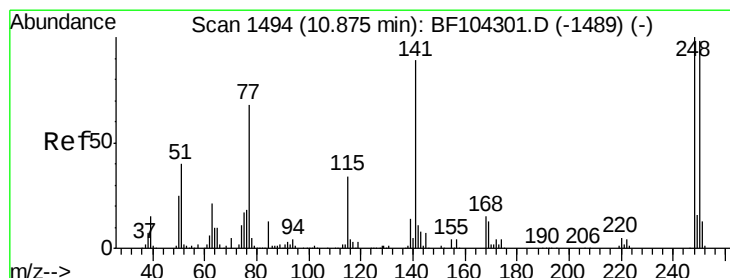
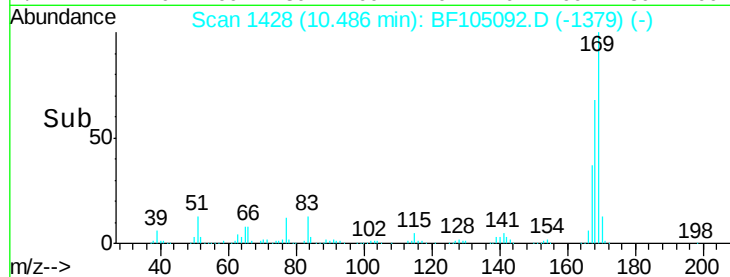
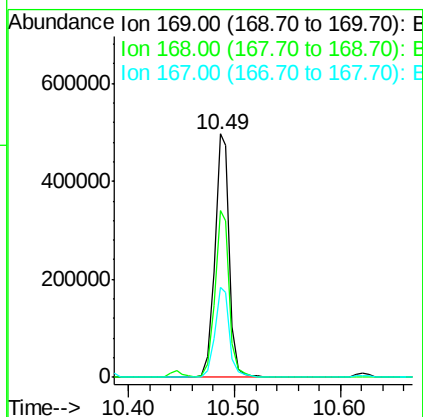
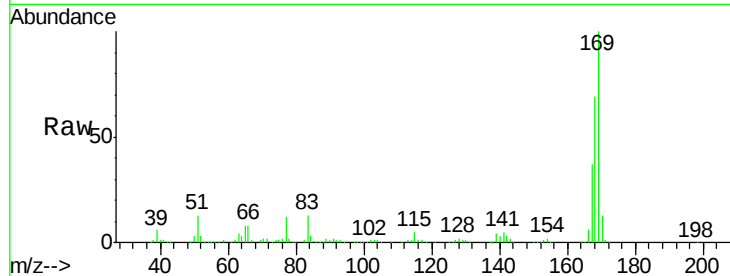




#65
 n-Nitrosodiphenylamine
 Concen: 48.713 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

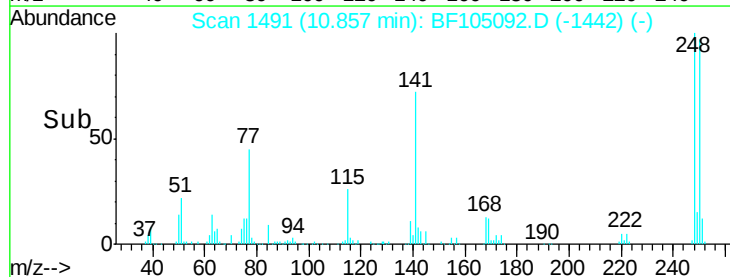
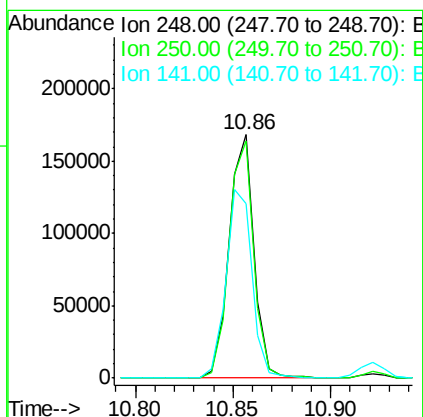
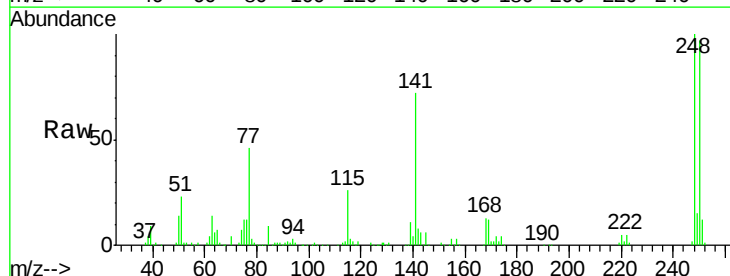
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:169 Resp: 482290
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.890 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:248 Resp: 148495
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 71.7 74.4 111.6#

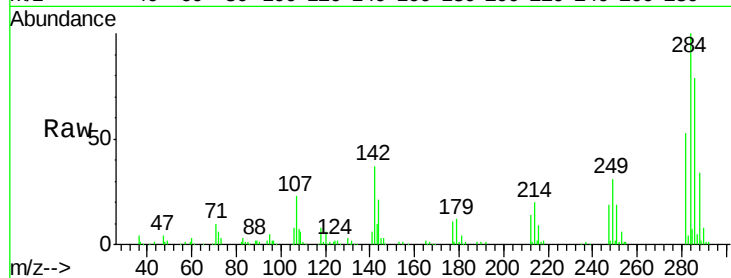




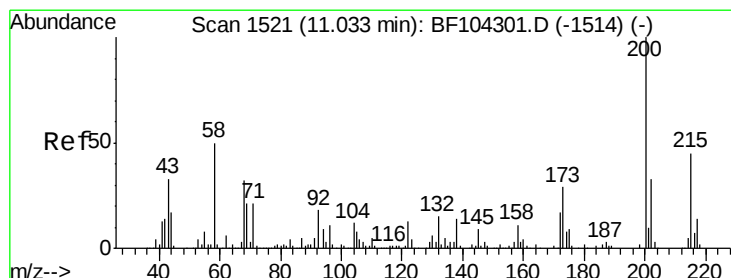
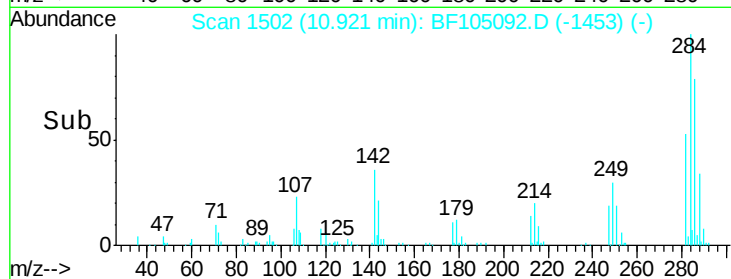
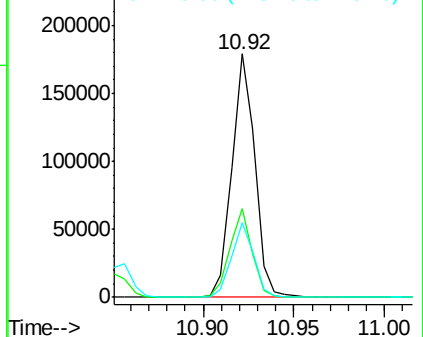
#67
Hexachlorobenzene
Concen: 46.147 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.7	34.6	52.0
249	30.5	24.8	37.2

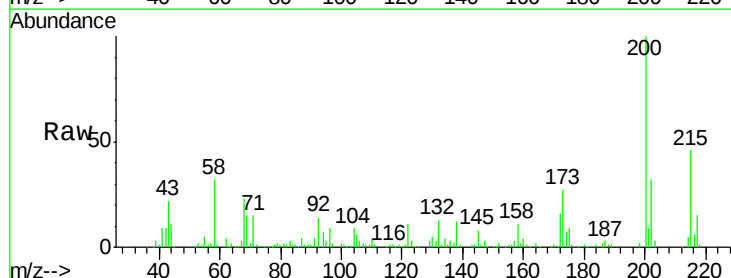


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

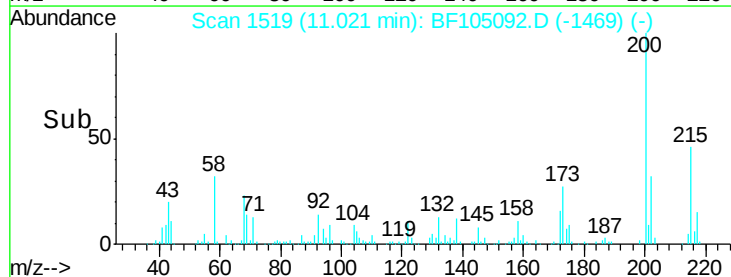
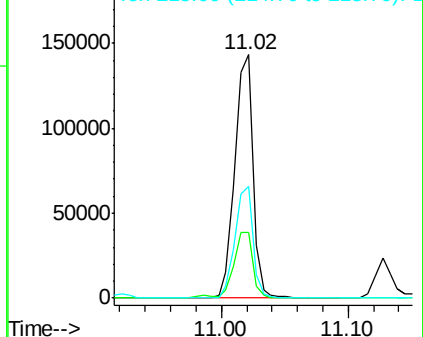


#68
Atrazine
Concen: 47.119 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	46.0	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

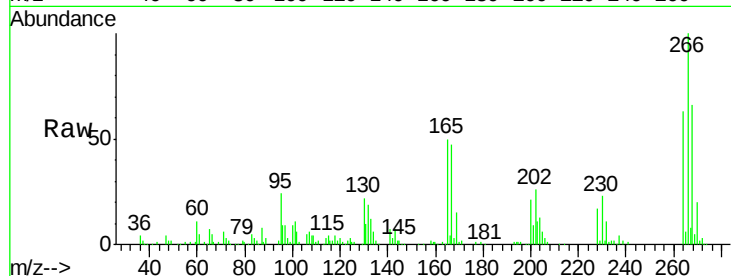




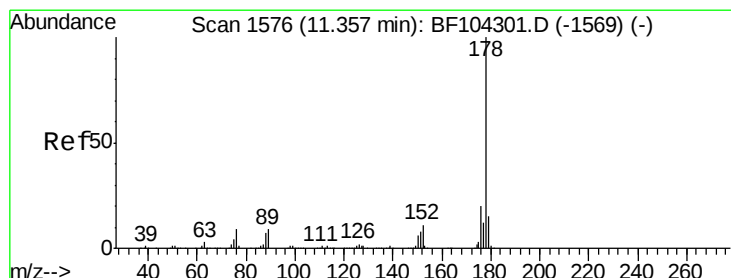
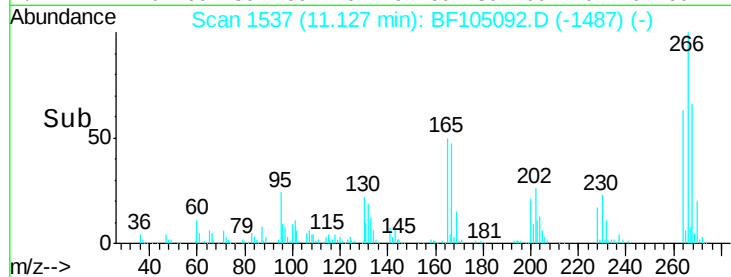
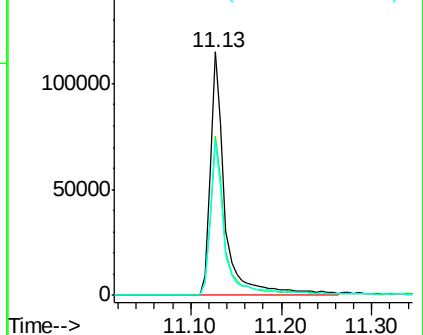
#69
 Pentachlorophenol
 Concen: 62.413 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:266 Resp: 131962
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 63.5 49.5 74.3

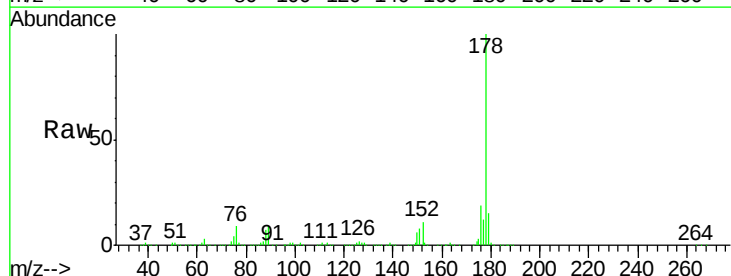


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

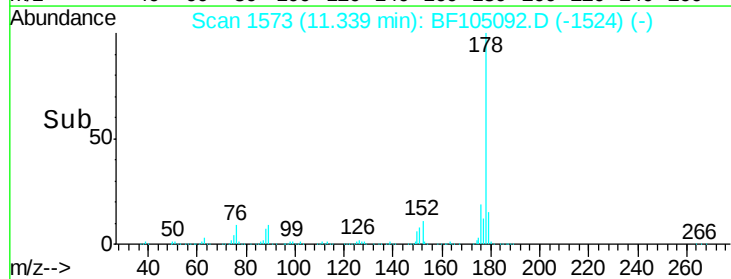
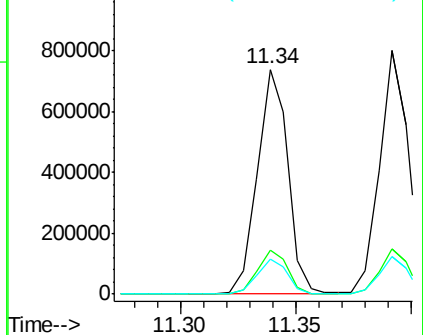


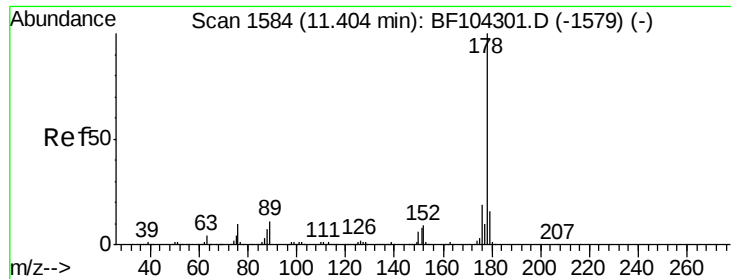
#70
 Phenanthrene
 Concen: 42.910 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:178 Resp: 682359
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 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

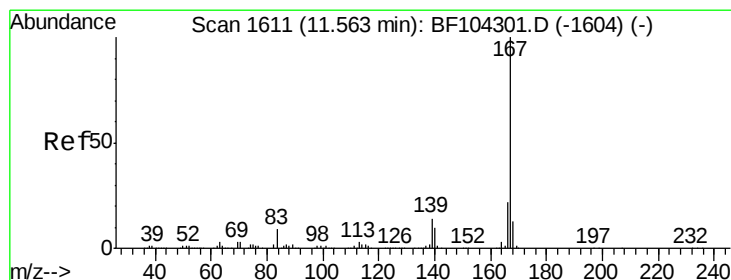
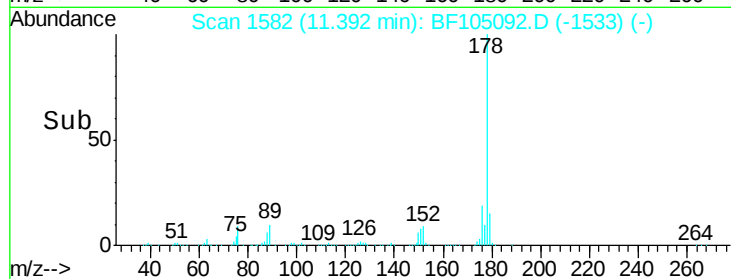
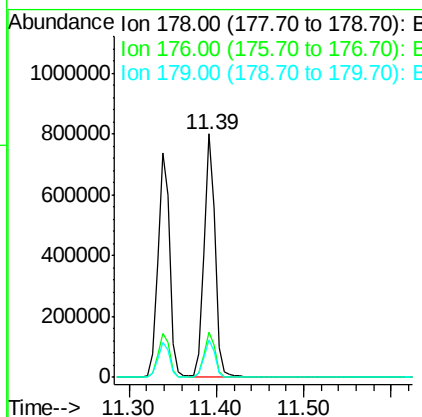
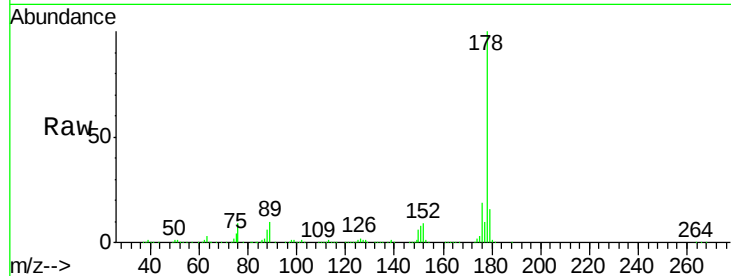




#71
 Anthracene
 Concen: 43.701 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

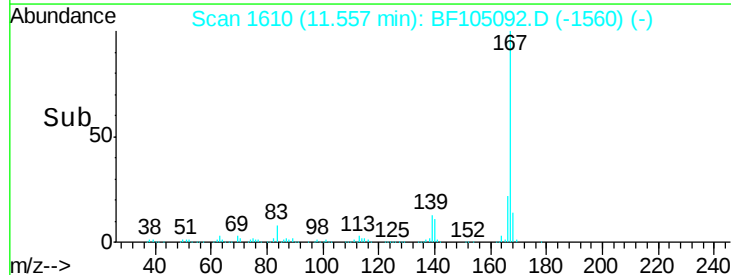
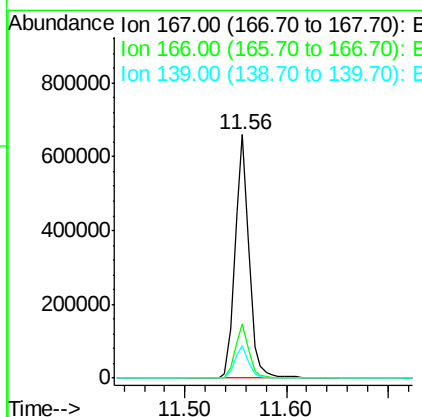
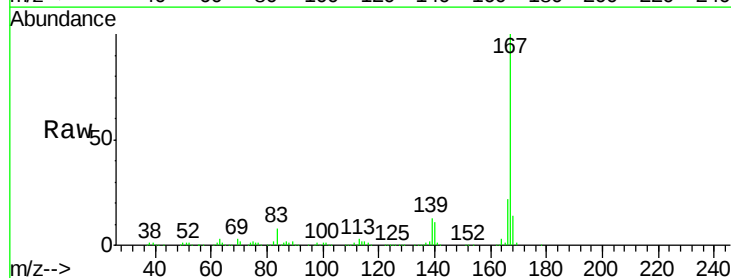
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:178 Resp: 706410
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.836 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:167 Resp: 629230
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.350 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

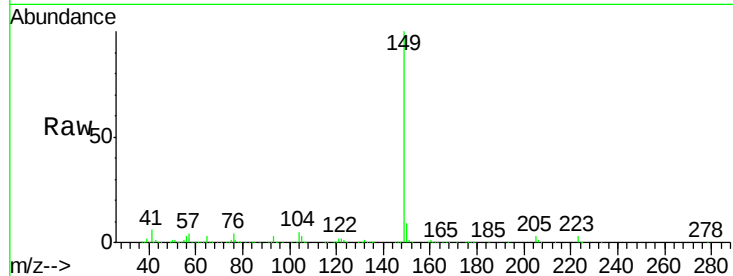
Tot Ion:149 Resp: 855738

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

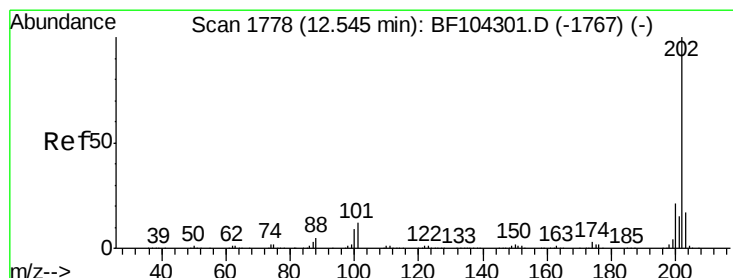
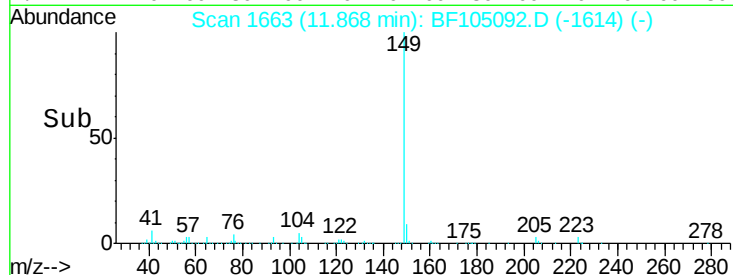
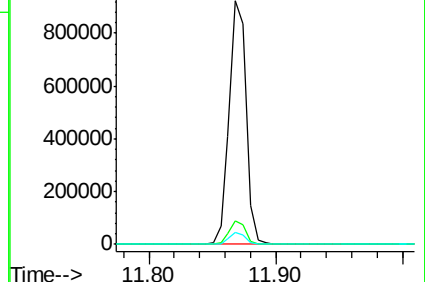
104 4.8 3.8 5.8



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: 38.082 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

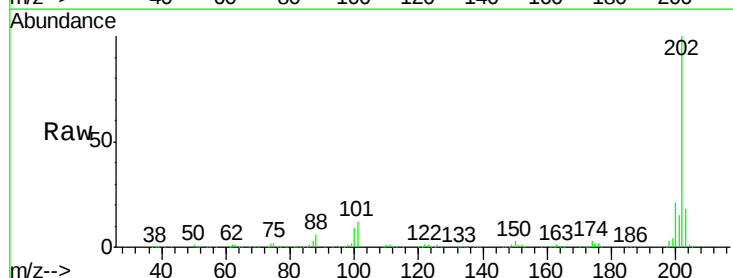
Tgt Ion:202 Resp: 632715

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

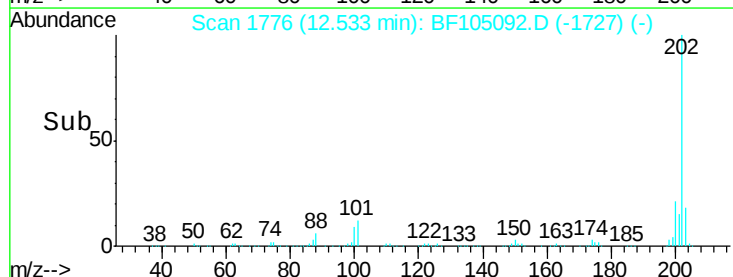
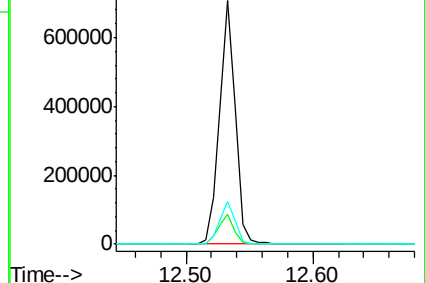
203 17.6 0.0 38.1

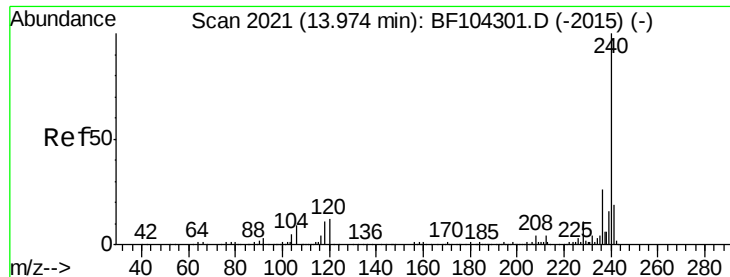


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

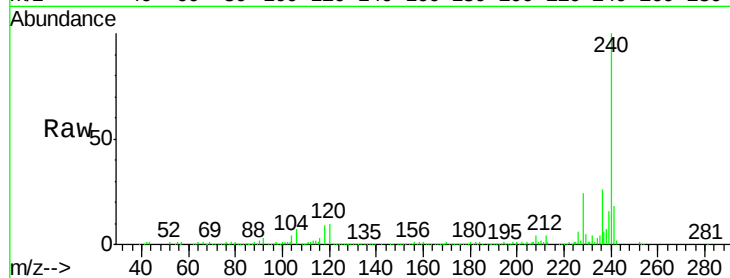
Tot Ion:240 Resp: 183083

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

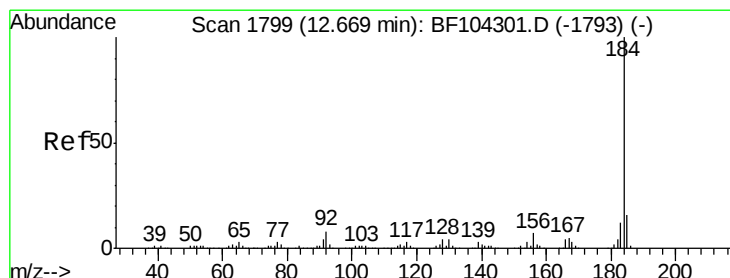
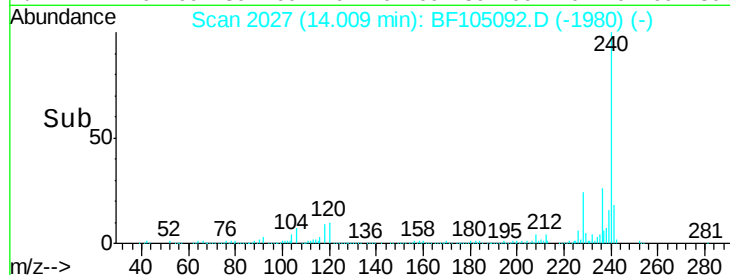
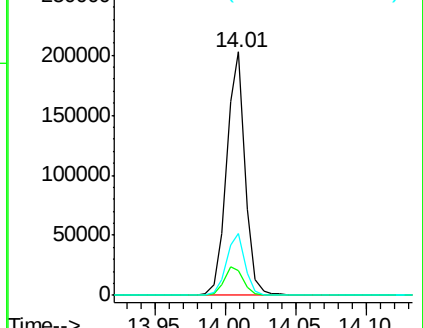
236 25.6 20.7 31.1



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: 9.579 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

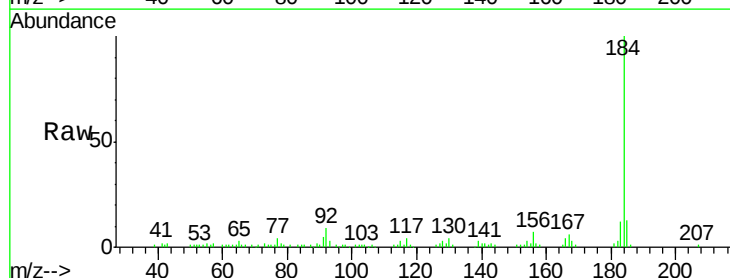
Tgt Ion:184 Resp: 86565

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

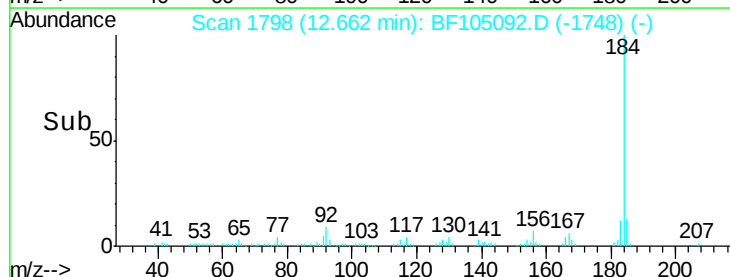
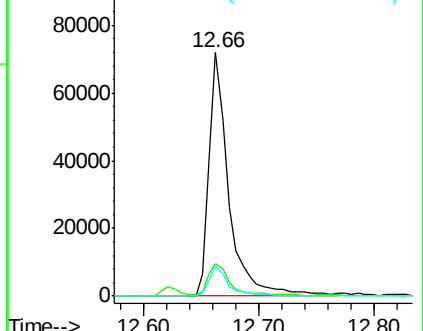
183 12.1 9.3 13.9

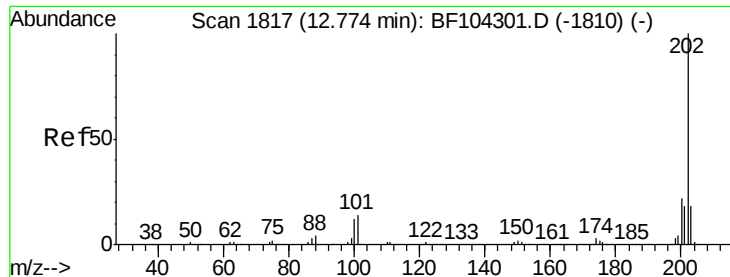


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

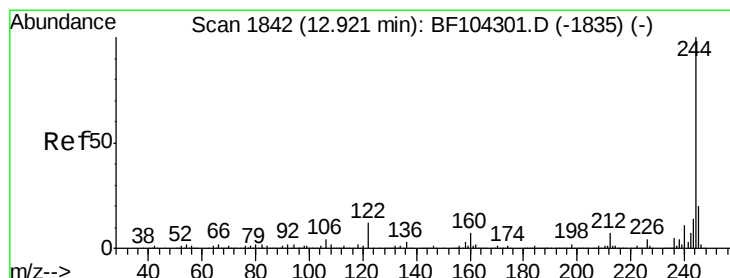
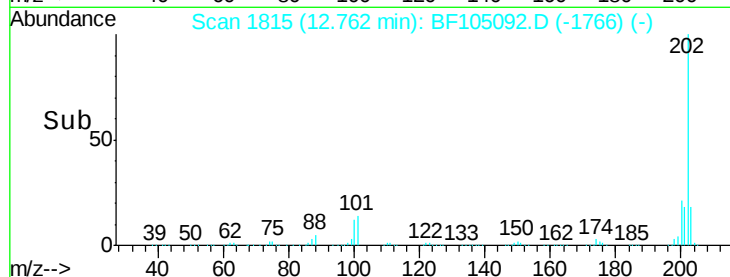
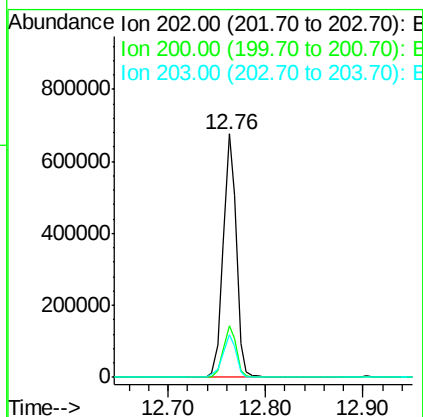
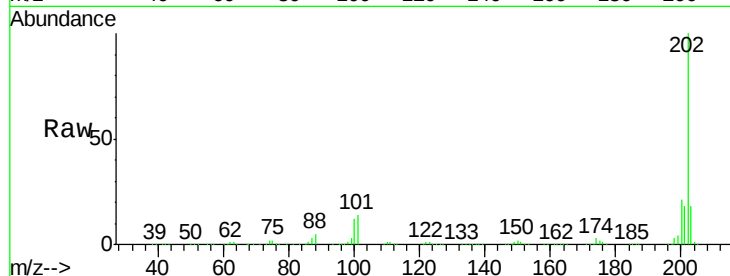




#77
 Pvrene
 Concen: 46.459 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

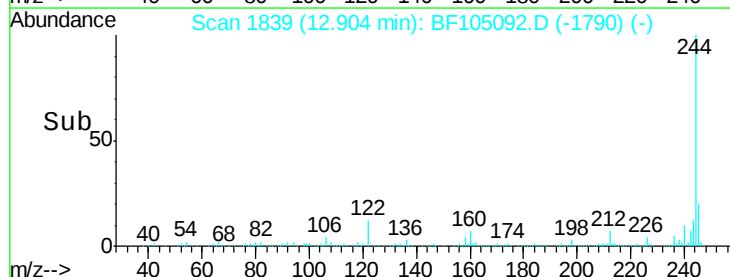
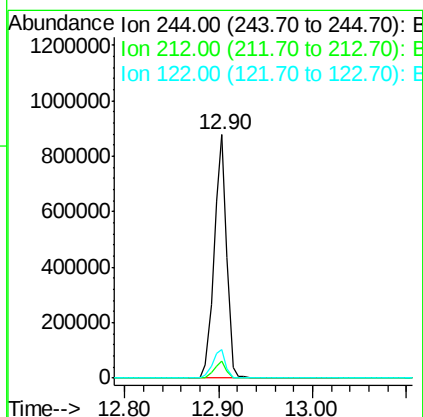
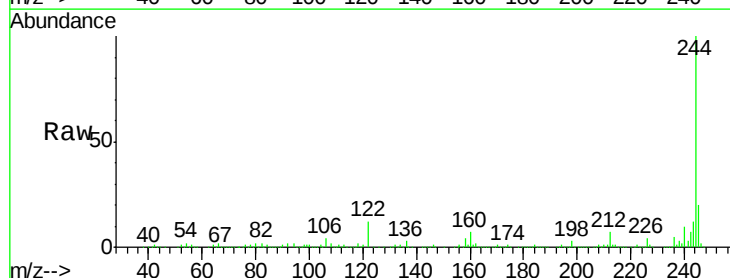
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 102.752 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.8	11.0	16.4

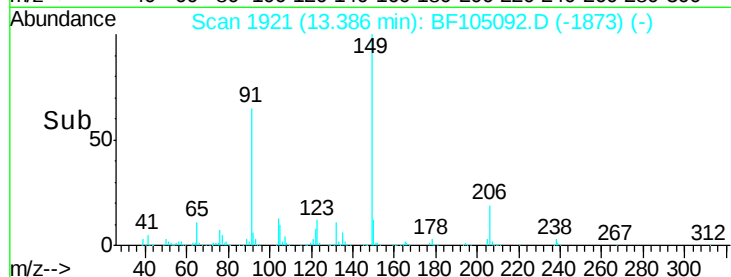
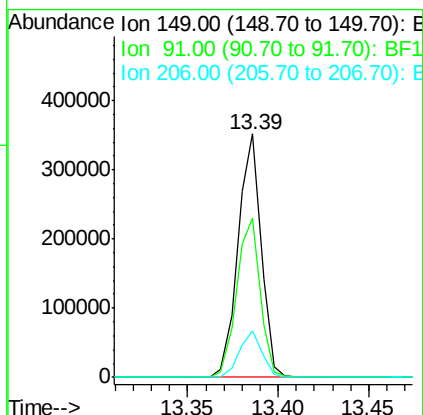
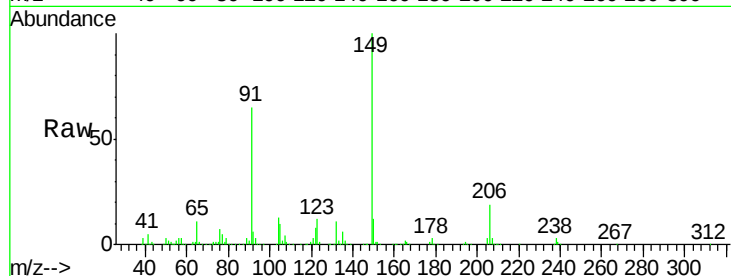




#79
Butylbenzylphthalate
Concen: 48.911 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

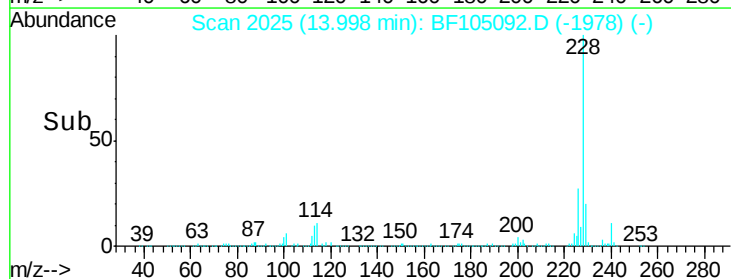
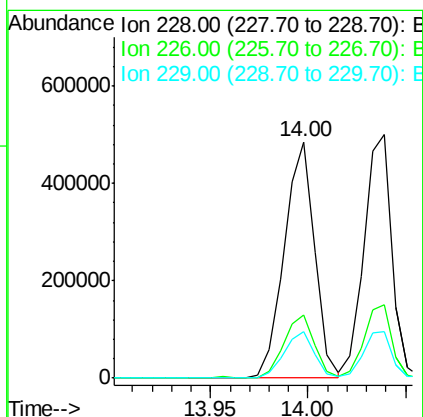
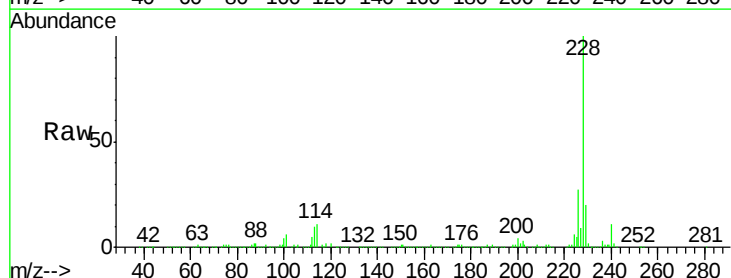
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

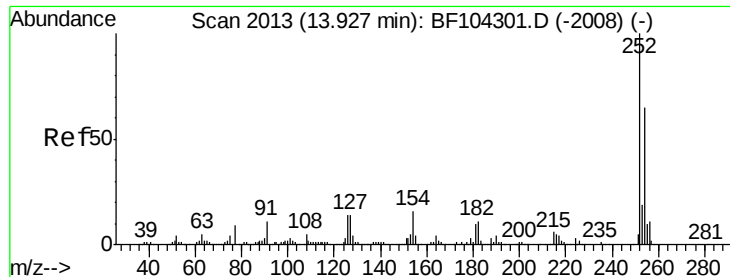
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 47.686 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	15.8	23.6

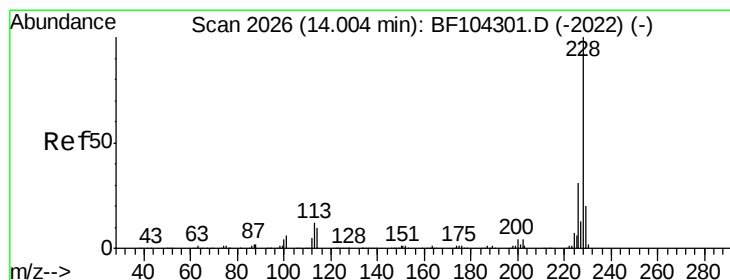
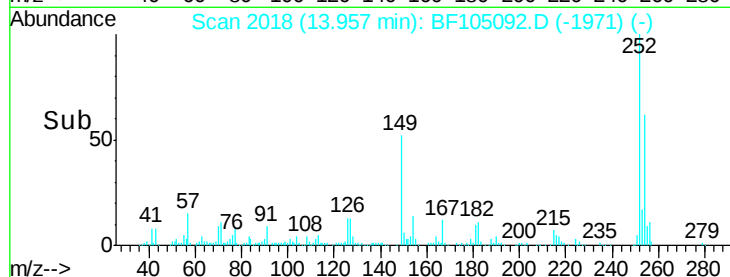
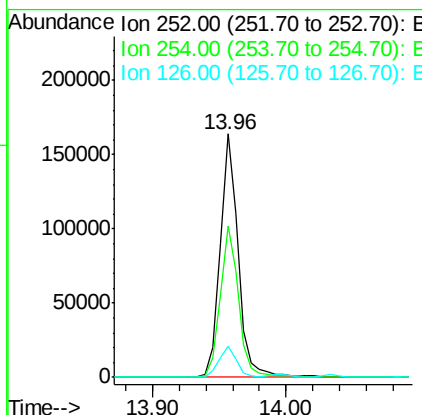
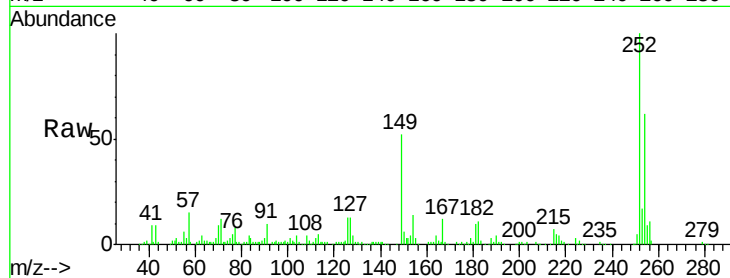




#81
 3,3'-Dichlorobenzidine
 Concen: 38.771 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

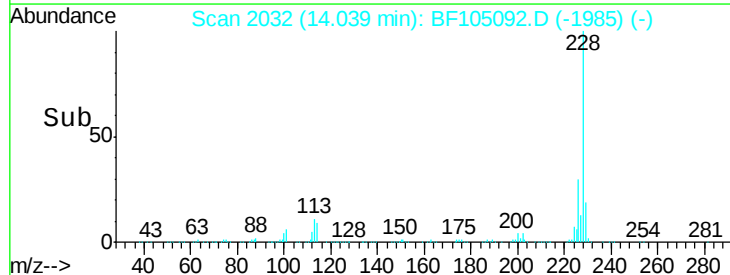
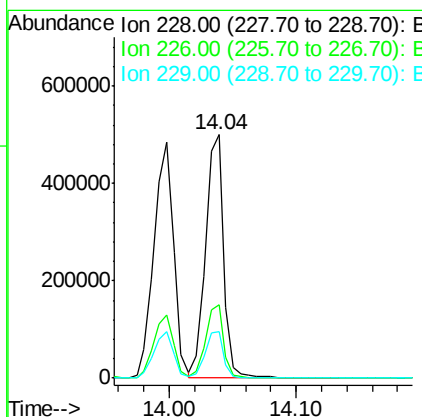
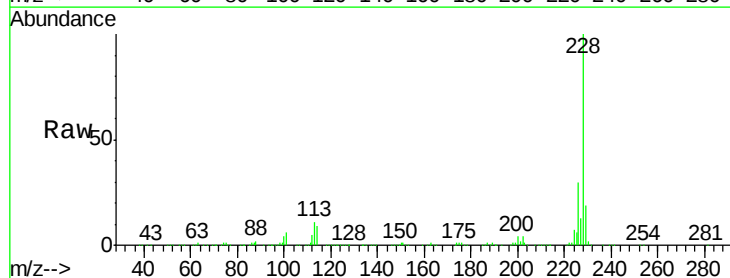
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion:252 Resp: 158113
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 12.6 11.3 16.9



#82
 Chrysene
 Concen: 44.301 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:228 Resp: 497701
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.712 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

WAYNEMS

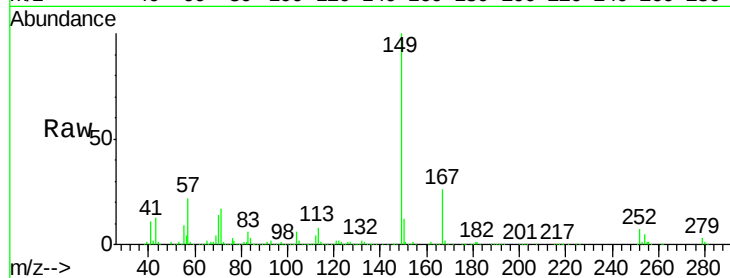
Tot Ion:149 Resp: 425256

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

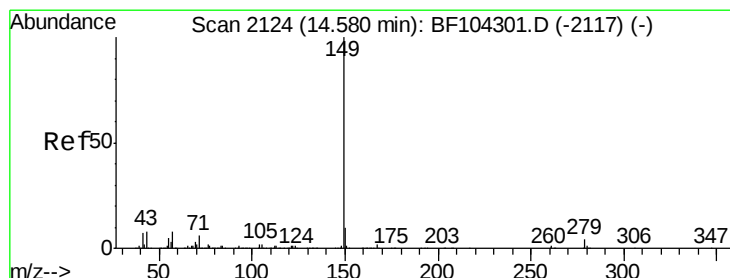
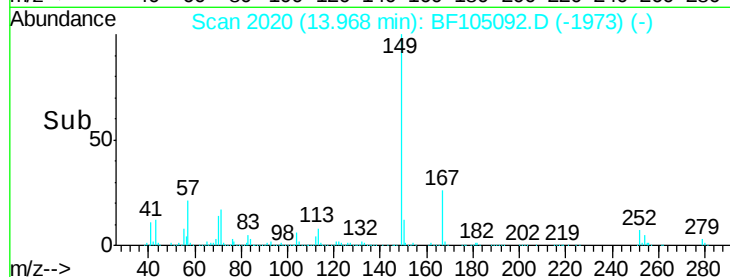
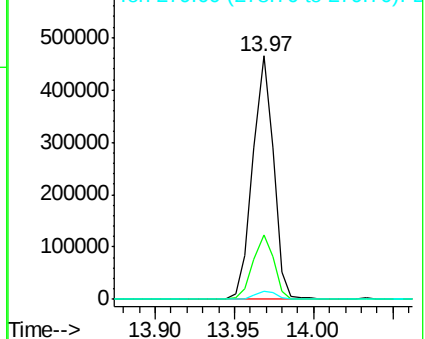
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.639 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

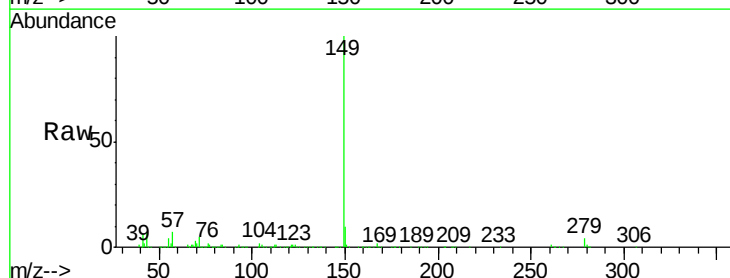
Tgt Ion:149 Resp: 682078

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

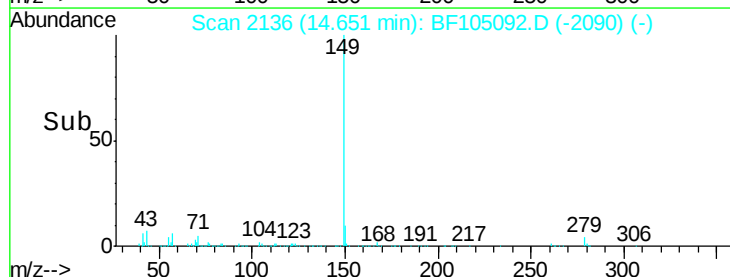
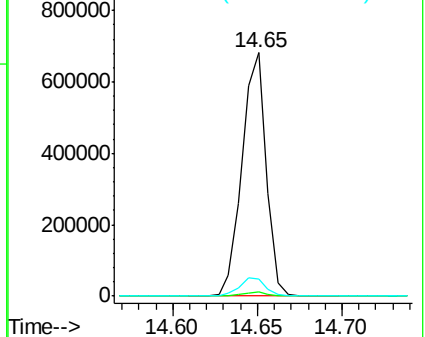
43 7.7 8.4 12.6#

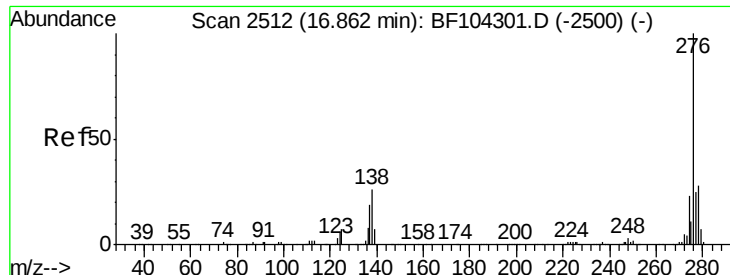


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

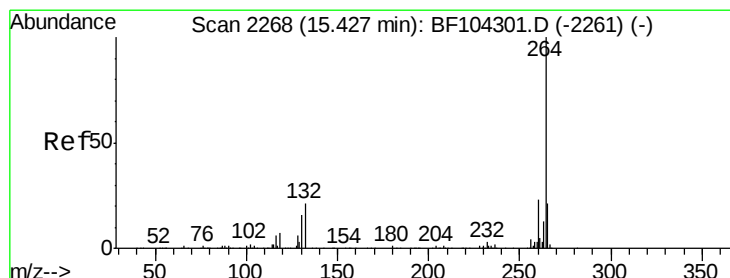
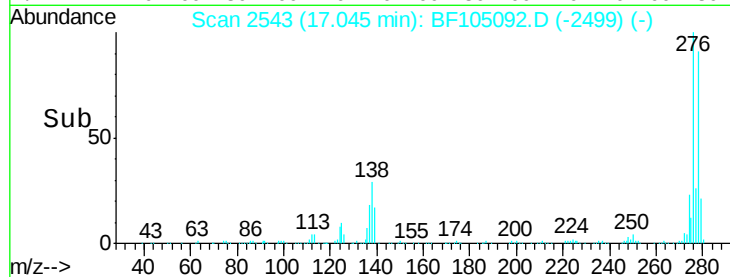
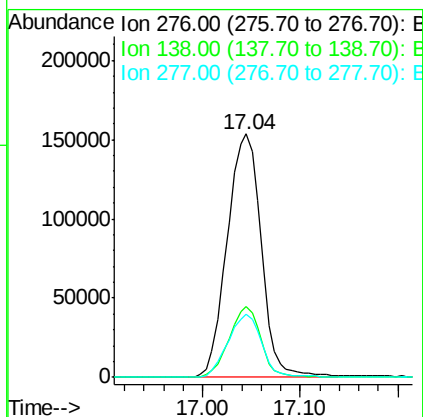
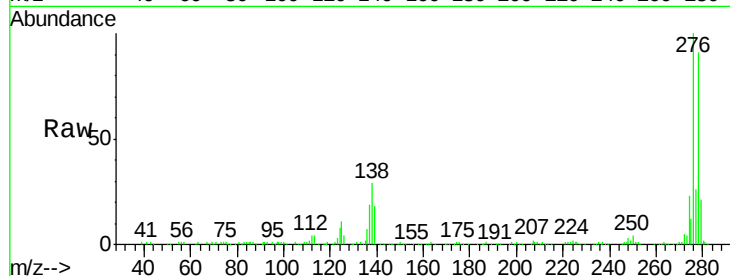




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.180 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.04 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

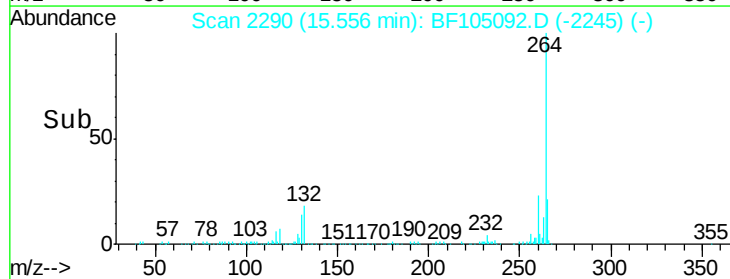
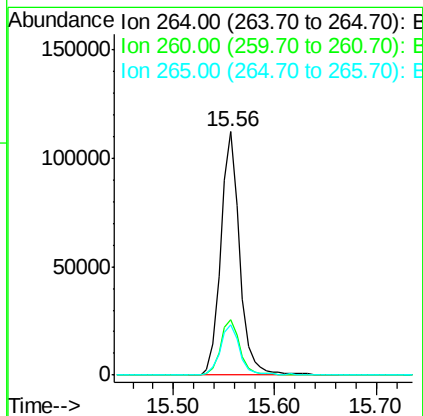
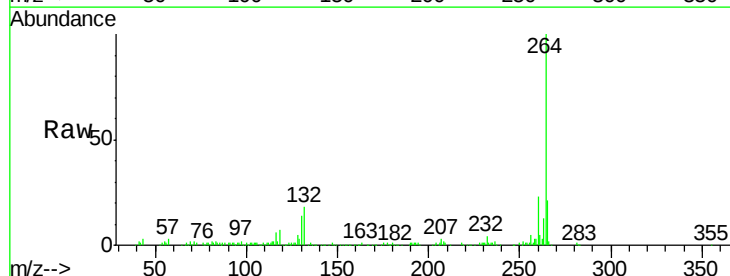
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

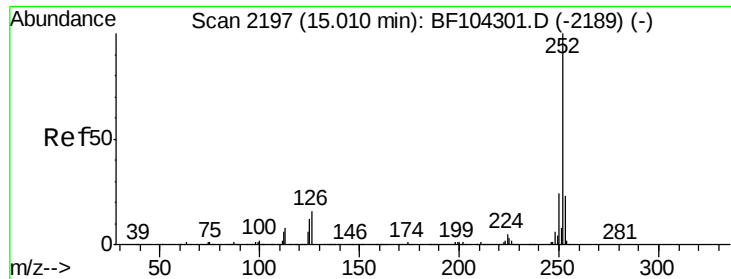
Tot Ion:276 Resp: 373914
 Ion Ratio Lower Upper
 276 100
 138 27.4 25.0 37.6
 277 25.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.04 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:264 Resp: 145404
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.8 17.5 26.3

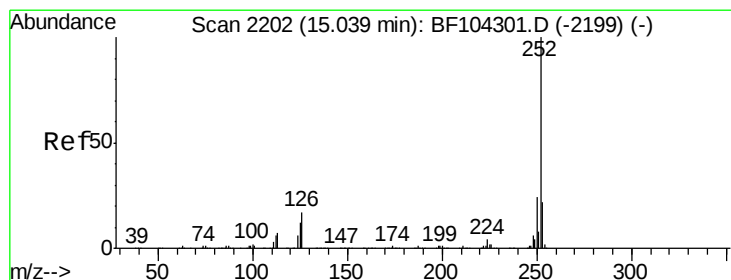
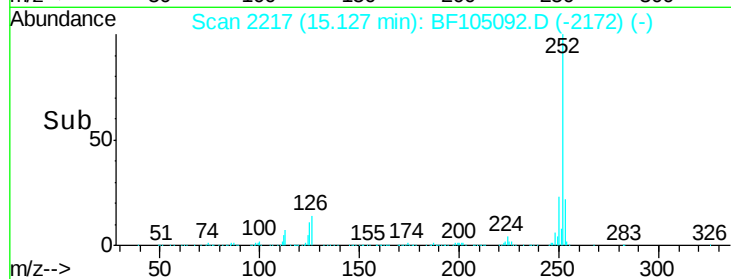
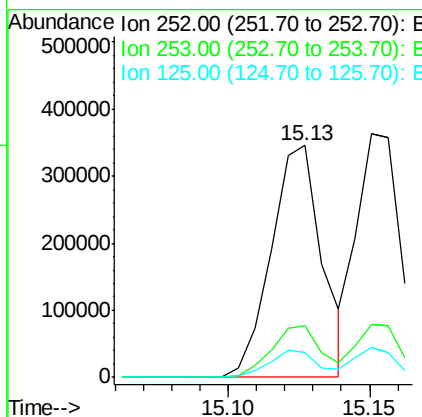
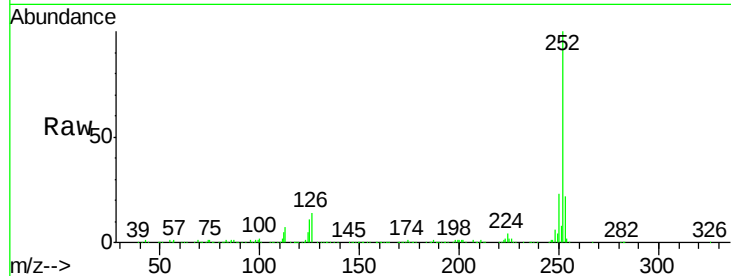




#87
Benzo(b)fluoranthene
Concen: 47.164 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

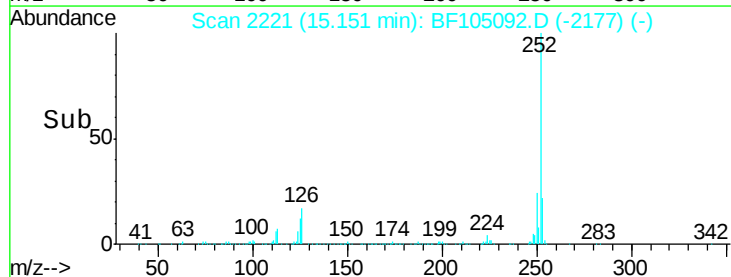
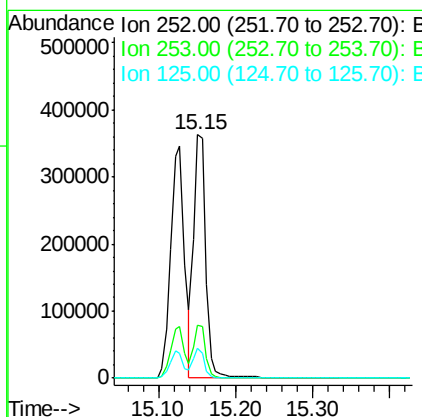
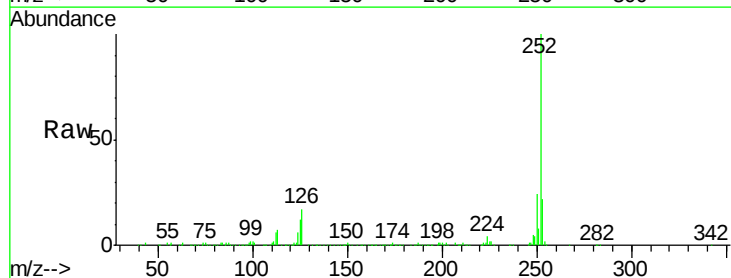
Instrument :
BNA_F
ClientSampleId :
WAYNEMS

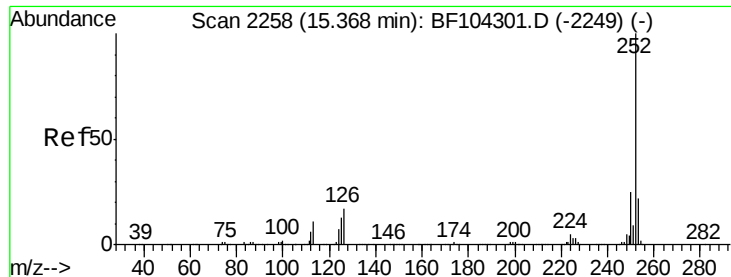
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.8	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 46.478 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.2	10.2	15.2

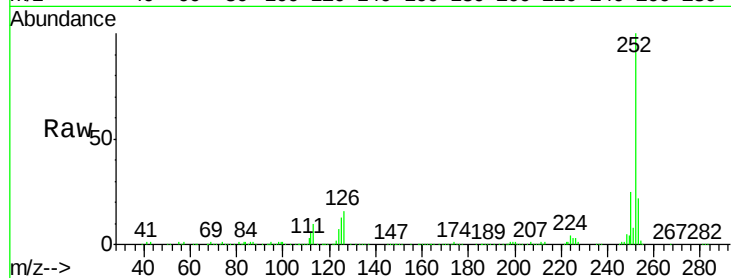




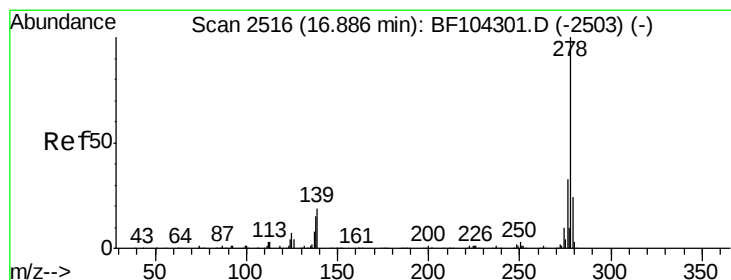
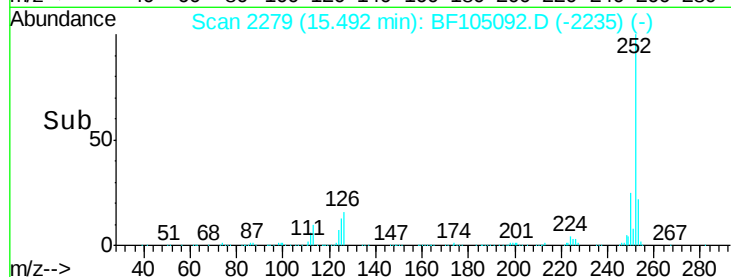
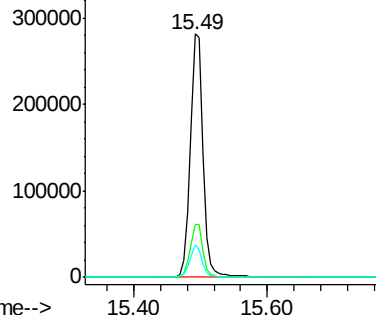
#89
Benzo(a)pyrene
Concen: 46.903 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :
WAYNEMS

Tot Ion:252 Resp: 385399
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 9.8 14.6

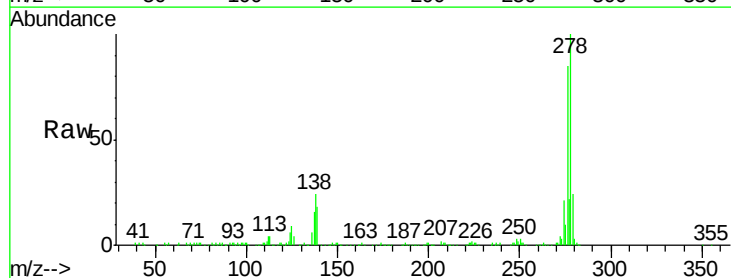


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

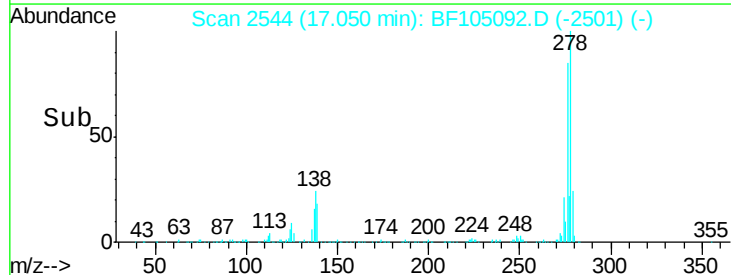
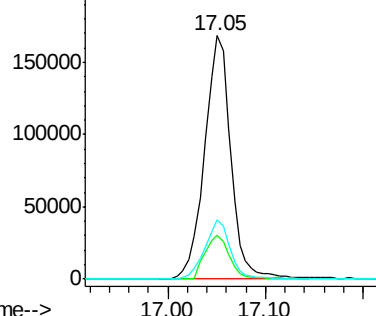


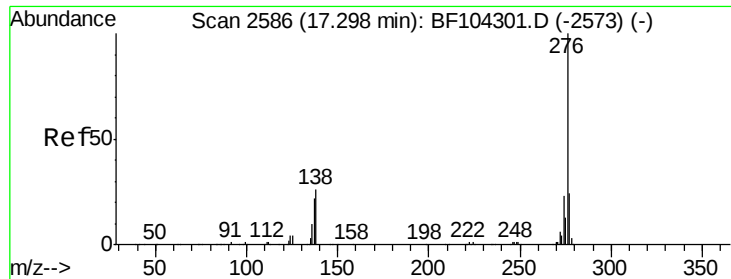
#90
Dibenzo(a,h)anthracene
Concen: 46.825 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.05 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:278 Resp: 316002
Ion Ratio Lower Upper
278 100
139 17.8 15.9 23.9
279 24.1 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: 47.731 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.3	21.8	32.8

