

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105328.D
 Acq On : 12 May 2018 11:06
 Operator : JU/SJ
 Sample : J2133-02
 Misc : L00 20 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:42:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	158444	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	672415	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	309542	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	582134	20.00	ng	0.00
75) Chrysene-d12	14.00	240	519490	20.00	ng	-0.01
86) Perylene-d12	15.55	264	530623	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1184183	112.41	ng	0.00
7) Phenol-d6	6.43	99	1419226	113.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	953634	82.54	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	446813	111.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1592937	74.17	ng	0.00
78) Terphenyl-d14	12.91	244	1639967	67.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	98000	20.53	ng	93
3) Pyridine	3.26	79	234332	18.92	ng	90
4) n-Nitrosodimethylamine	3.18	42	97167	16.03	ng	90
6) Aniline	6.46	93	335740	20.68	ng	# 87
8) 2-Chlorophenol	6.57	128	228225	20.40	ng	94
9) Benzaldehyde	6.35	77	165387	19.43	ng	96
10) Phenol	6.44	94	288433	20.20	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	235773	22.46	ng	97
12) 1,3-Dichlorobenzene	6.73	146	253750	20.60	ng	97
13) 1,4-Dichlorobenzene	6.81	146	264256	21.01	ng	98
14) 1,2-Dichlorobenzene	6.96	146	241715	20.85	ng	98
15) Benzyl Alcohol	6.93	79	197674	20.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	391815	21.25	ng	95
17) 2-Methylphenol	7.05	107	194381	20.58	ng	98
18) Hexachloroethane	7.30	117	92571	20.37	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	168480	21.29	ng	93
20) 3+4-Methylphenols	7.20	107	241489	21.47	ng	# 62
22) Acetophenone	7.20	105	327545	21.20	ng	# 85
24) Nitrobenzene	7.37	77	250892	20.62	ng	97
25) Isophorone	7.61	82	454326	20.78	ng	98
26) 2-Nitrophenol	7.69	139	125519	20.45	ng	94
27) 2,4-Dimethylphenol	7.73	122	202585	20.09	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	283040	21.10	ng	99
29) 2,4-Dichlorophenol	7.93	162	196930	20.84	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	204849	20.50	ng	100
31) Naphthalene	8.09	128	682592	20.85	ng	100
32) Benzoic acid	7.83	122	125052	16.70	ng	96
33) 4-Chloroaniline	8.15	127	287735	21.17	ng	98
34) Hexachlorobutadiene	8.21	225	108822	20.21	ng	97
35) Caprolactam	8.50	113	61083	20.92	ng	89
36) 4-Chloro-3-methylphenol	8.62	107	213088	20.95	ng	99
37) 2-Methylnaphthalene	8.79	142	468174	21.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	191378	20.49	ng	99
40) Hexachlorocyclopentadiene	8.93	237	122186	19.33	ng	96

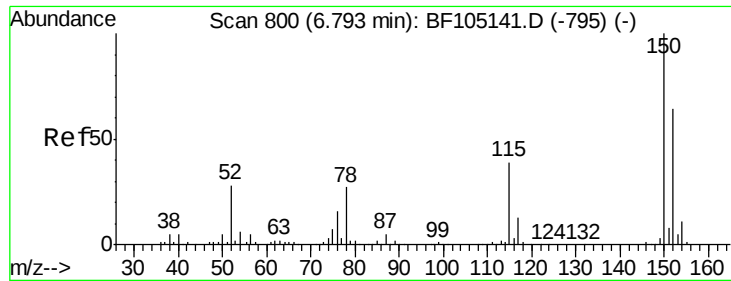
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105328.D
 Acq On : 12 May 2018 11:06
 Operator : JU/SJ
 Sample : J2133-02
 Misc : L00 20 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: May 14 06:42:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	124989	19.68	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	137336	20.01	nq	94
45) 1,1'-Biphenyl	9.25	154	577727	20.97	nq	100
46) 2-Chloronaphthalene	9.27	162	426060	20.65	nq	98
47) 2-Nitroaniline	9.37	65	143497	20.70	nq	87
48) Acenaphthylene	9.69	152	667996	21.12	nq	100
49) Dimethylphthalate	9.55	163	496992	20.91	nq	99
50) 2,6-Dinitrotoluene	9.61	165	109219	20.88	nq	# 90
51) Acenaphthene	9.86	154	445989	21.30	nq	97
52) 3-Nitroaniline	9.78	138	125038	20.74	nq	97
53) 2,4-Dinitrophenol	9.89	184	59133	19.23	nq	# 27
54) Dibenzofuran	10.03	168	593823	21.11	nq	97
55) 4-Nitrophenol	9.95	139	93930	19.05	nq	97
56) 2,4-Dinitrotoluene	10.02	165	142517	20.94	nq	95
57) Fluorene	10.37	166	460738	21.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	114743	20.24	nq	97
59) Diethylphthalate	10.25	149	490505	20.69	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	206697	20.97	nq	96
61) 4-Nitroaniline	10.40	138	125325	20.79	nq	96
62) Azobenzene	10.53	77	484761	20.89	nq	96
64) 4,6-Dinitro-2-methylphenol	10.42	198	72317	20.72	nq	92
65) n-Nitrosodiphenylamine	10.49	169	412516	21.13	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	132427	20.45	nq	91
67) Hexachlorobenzene	10.92	284	154482	20.87	nq	# 84
68) Atrazine	11.02	200	129429	20.86	nq	97
69) Pentachlorophenol	11.12	266	85420	19.13	nq	98
70) Phenanthrene	11.34	178	677178	20.64	nq	99
71) Anthracene	11.39	178	733794	21.61	nq	99
72) Carbazole	11.54	167	641458	21.58	nq	99
73) Di-n-butylphthalate	11.87	149	778746	21.22	nq	99
74) Fluoranthene	12.53	202	716140	21.96	nq	98
76) Benzidine	12.66	184	401892	19.23	nq	98
77) Pyrene	12.76	202	731122	18.24	nq	99
79) Butylbenzylphthalate	13.39	149	333776	18.90	nq	99
80) Benzo(a)anthracene	13.99	228	611067	20.15	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	241734	20.71	nq	98
82) Chrysene	14.03	228	615628	20.60	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	439714	20.56	nq	98
84) Di-n-octyl phthalate	14.67	149	788503	22.45	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	640851	23.55	nq	98
87) Benzo(b)fluoranthene	15.13	252	618583	19.56	nq	99
88) Benzo(k)fluoranthene	15.16	252	629235	20.57	nq	97
89) Benzo(a)pyrene	15.49	252	608450	20.66	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	560387	20.29	nq	97
91) Benzo(g,h,i)perylene	17.44	276	529920	19.96	nq	96

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

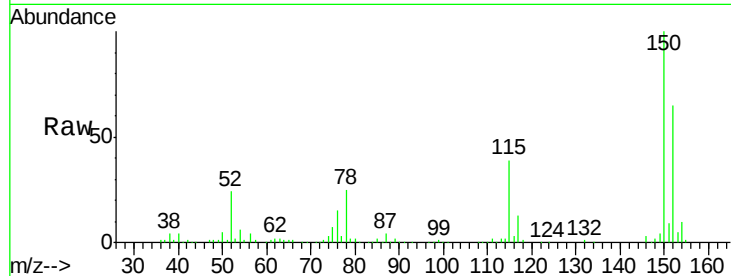


#1

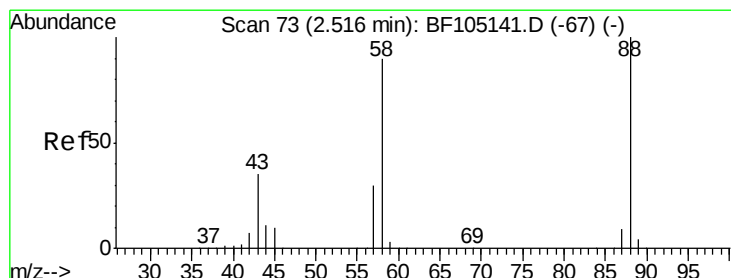
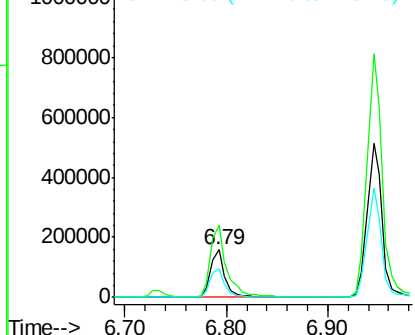
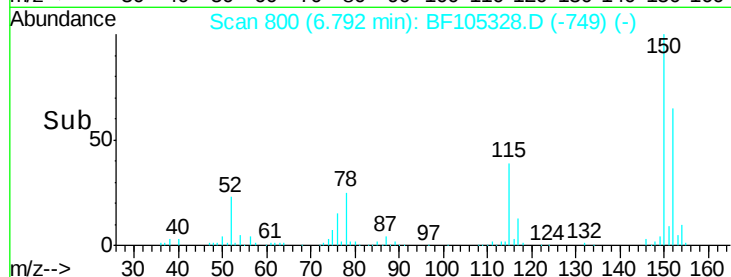
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158444
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 60.5 50.1 75.1



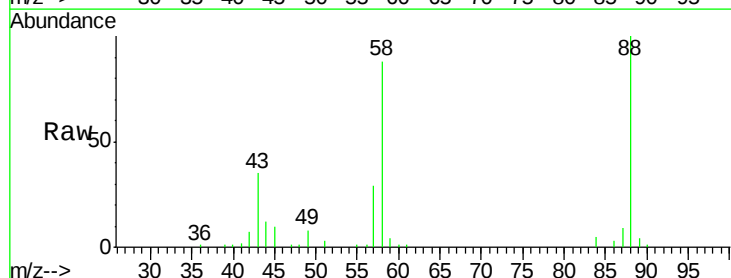
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



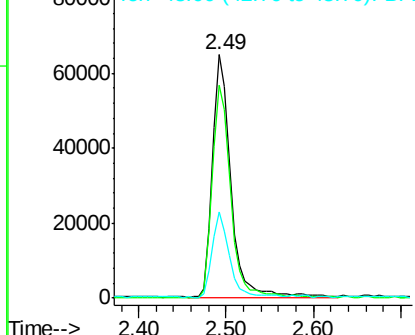
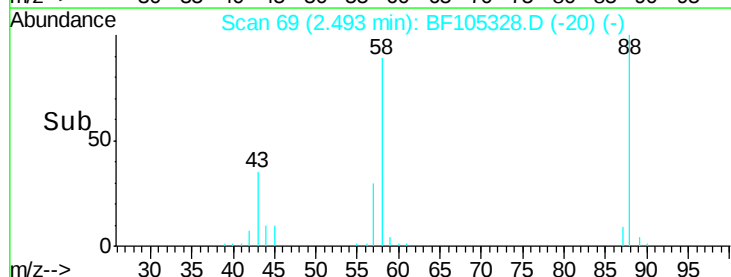
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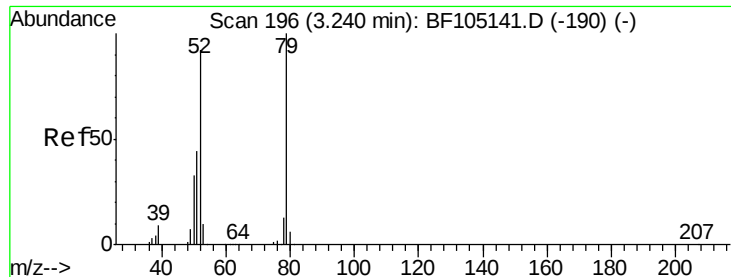
1,4-Dioxane
Concen: 20.53 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion: 88 Resp: 98000
Ion Ratio Lower Upper
88 100
58 85.4 62.6 93.8
43 32.1 24.6 37.0



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





#3

Pvridine

Concen: 18.92 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

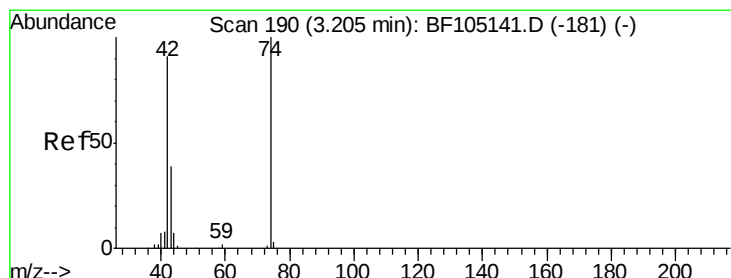
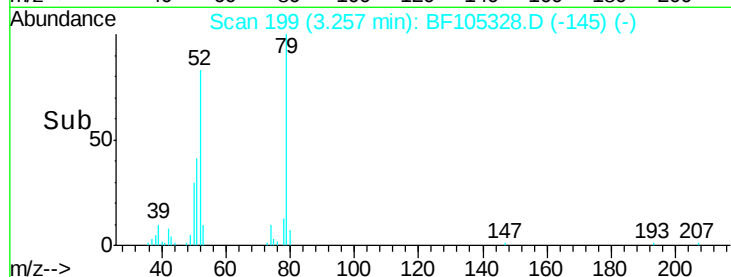
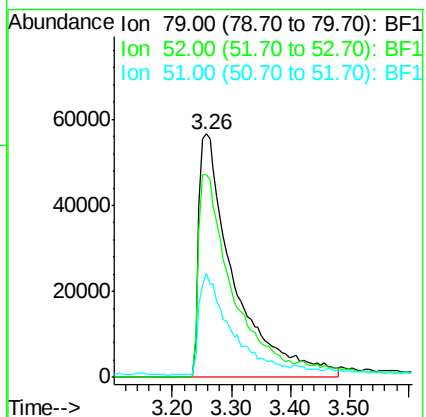
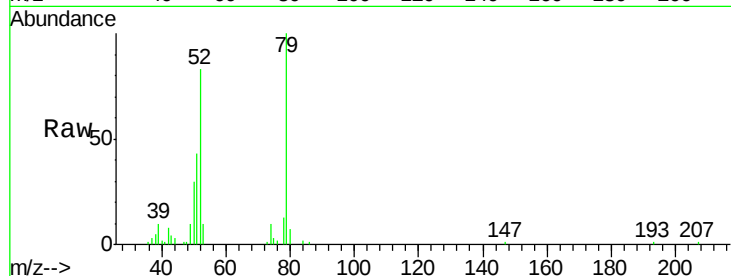
Tot Ion: 79 Resp: 234332

Ion Ratio Lower Upper

79 100

52 83.2 59.8 89.6

51 42.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 16.03 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

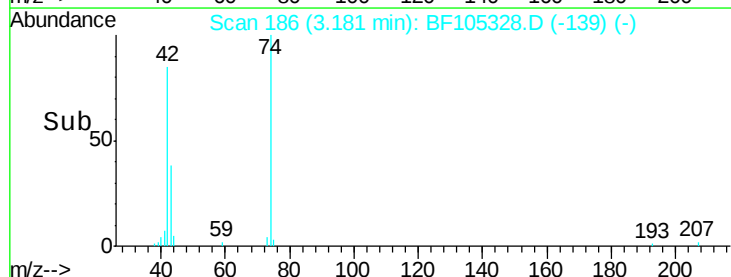
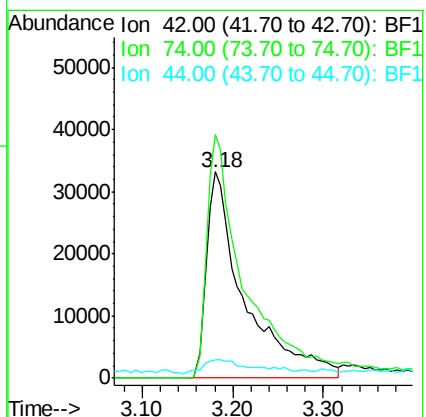
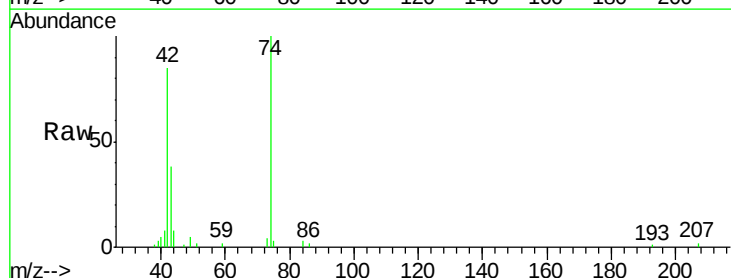
Tgt Ion: 42 Resp: 97167

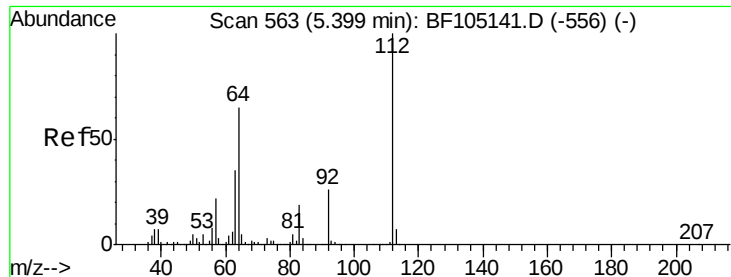
Ion Ratio Lower Upper

42 100

74 118.3 104.9 157.3

44 9.1 6.9 10.3





#5

2-Fluorophenol

Concen: 112.41 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

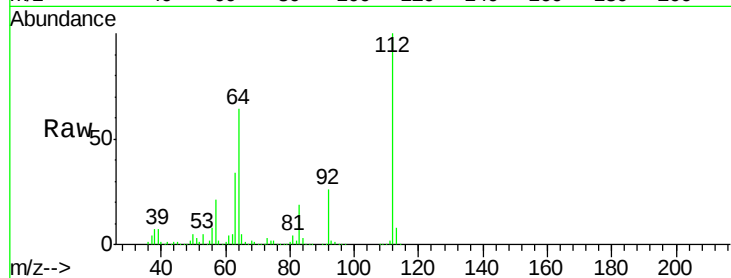
Tot Ion:112 Resp: 1184183

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

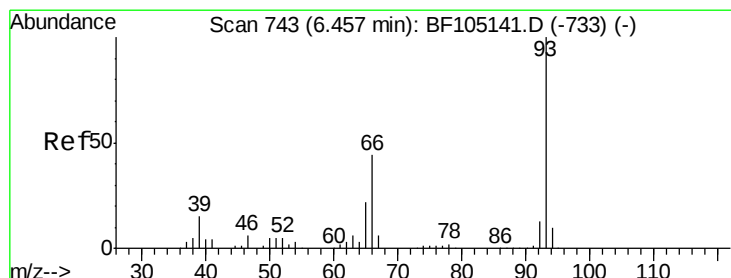
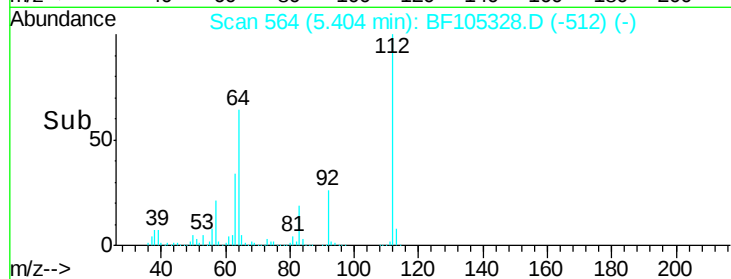
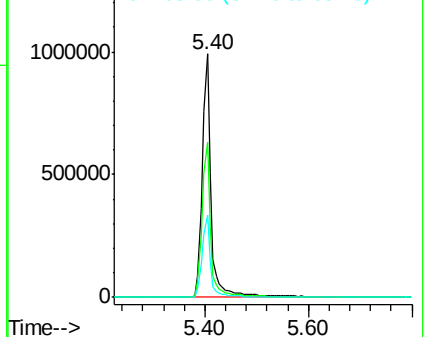
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.68 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

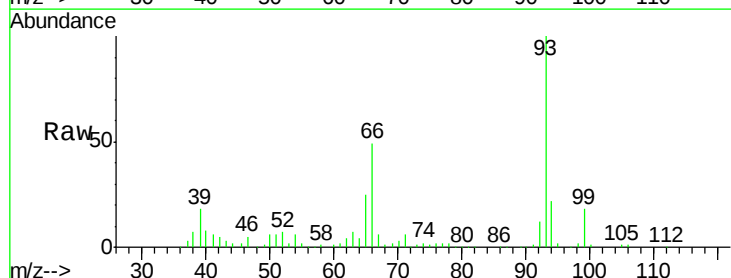
Tgt Ion: 93 Resp: 335740

Ion Ratio Lower Upper

93 100

66 49.4 32.2 48.2#

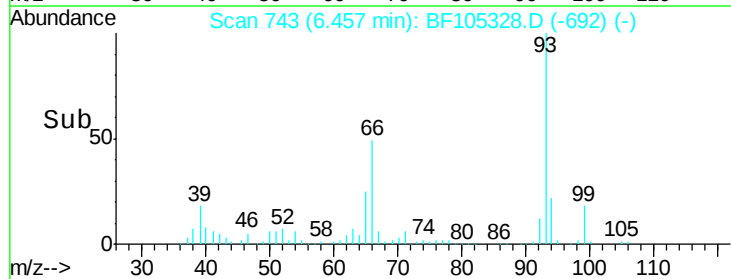
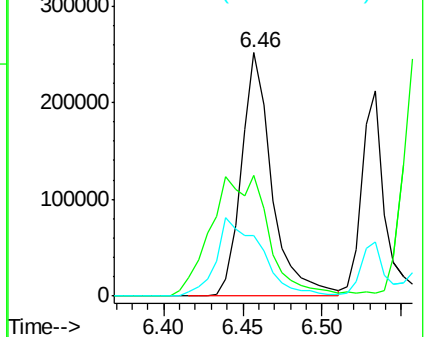
65 25.0 16.4 24.6#

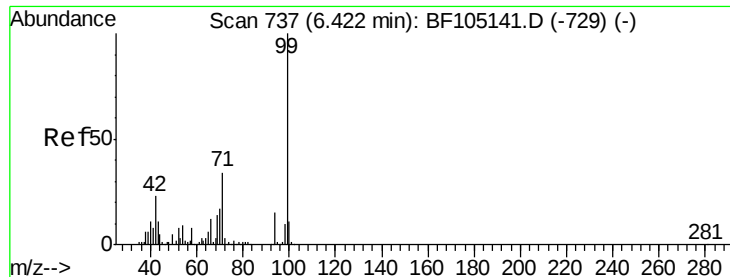


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.38 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

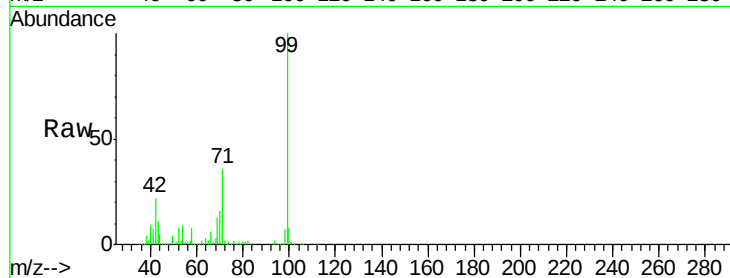
Tot Ion: 99 Resp: 1419226

Ion Ratio Lower Upper

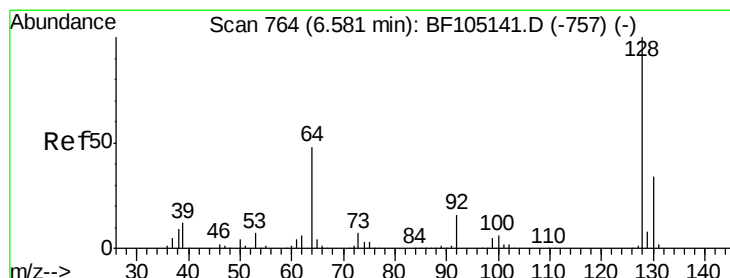
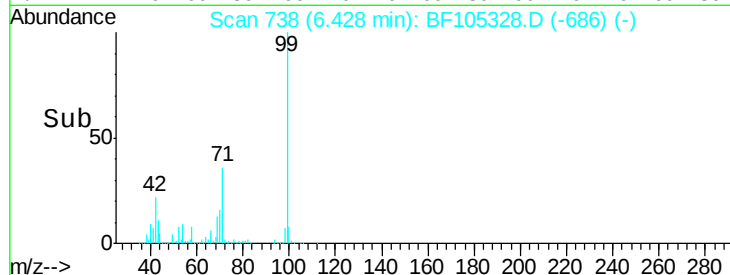
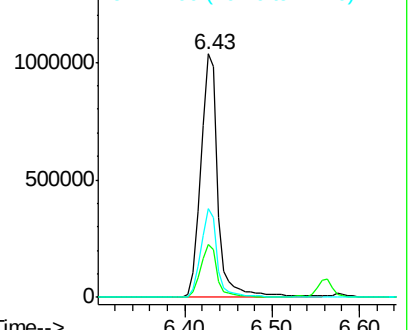
99 100

42 21.7 14.5 21.7

71 36.2 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: 20.40 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

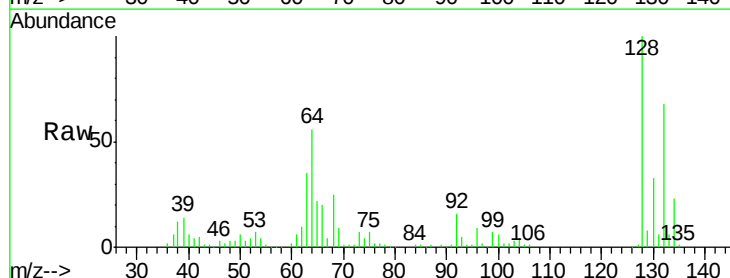
Tgt Ion: 128 Resp: 228225

Ion Ratio Lower Upper

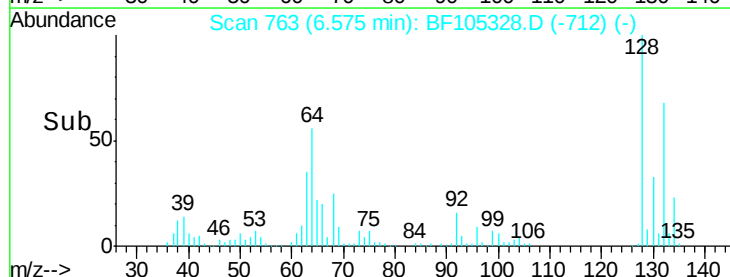
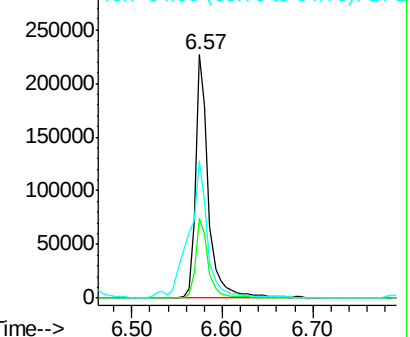
128 100

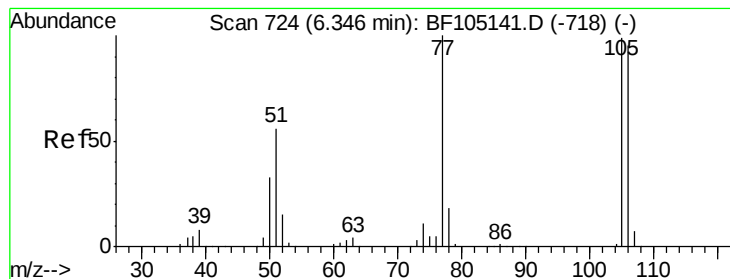
130 32.8 13.0 53.0

64 56.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 19.43 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

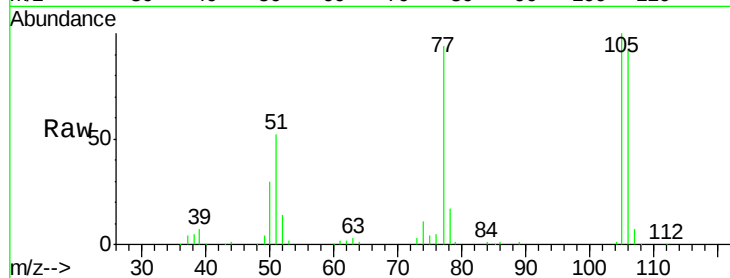
Tot Ion: 77 Resp: 165387

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

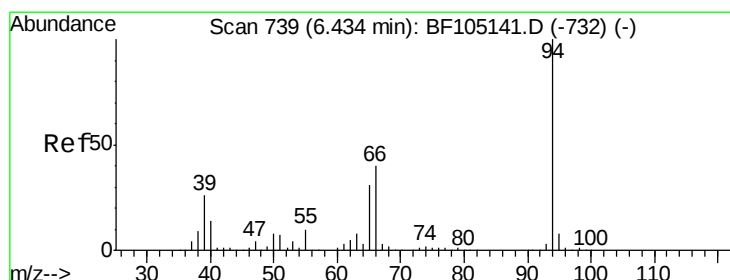
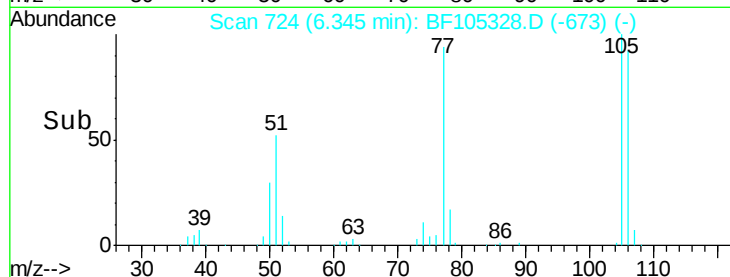
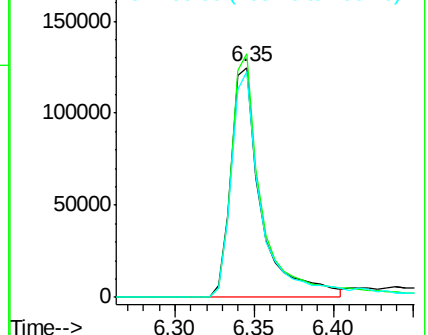
106 97.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 20.20 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

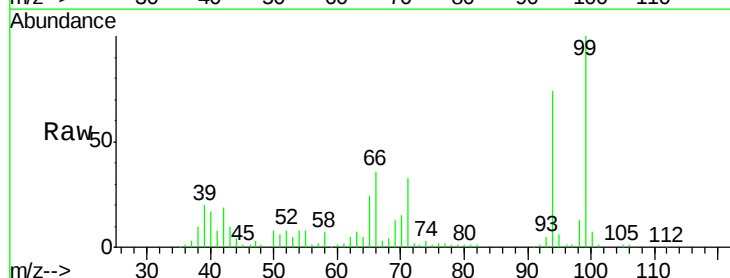
Tgt Ion: 94 Resp: 288433

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

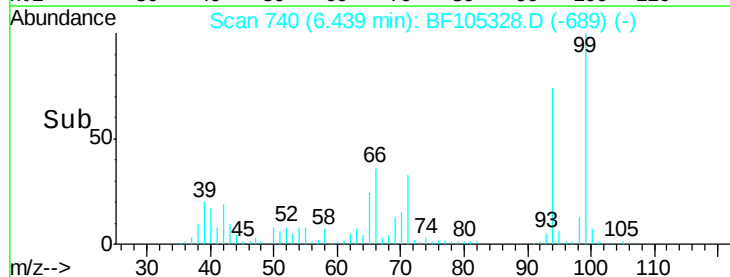
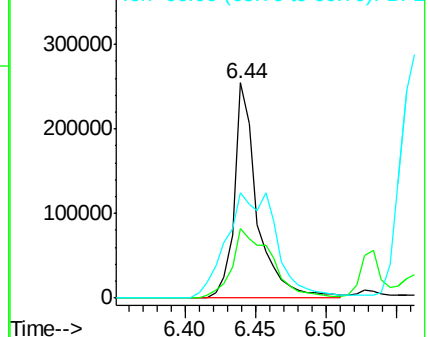
66 48.8 16.2 56.2

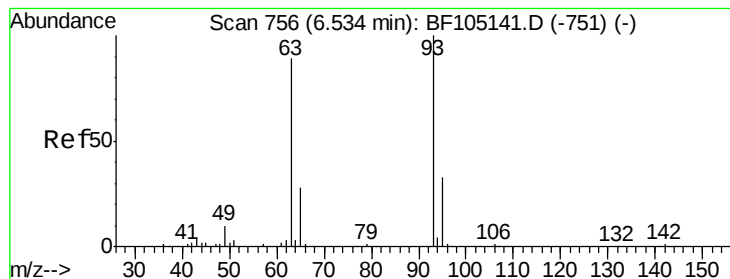


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

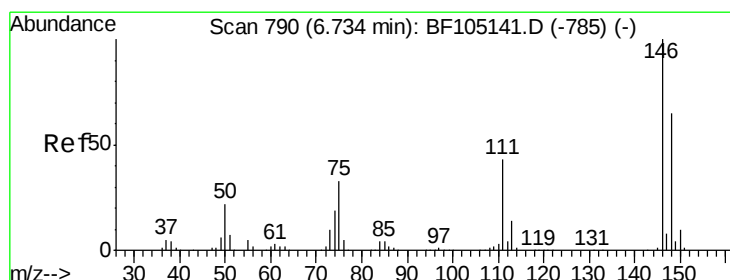
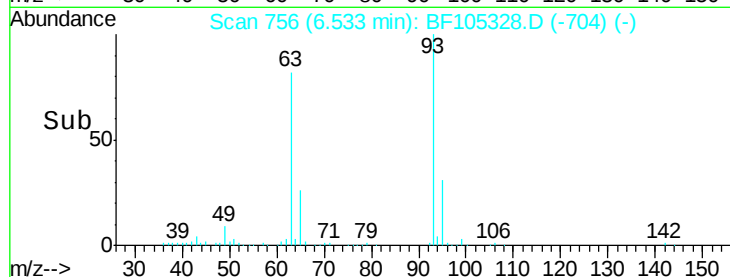
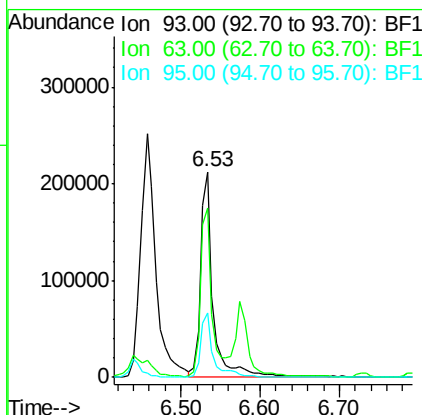
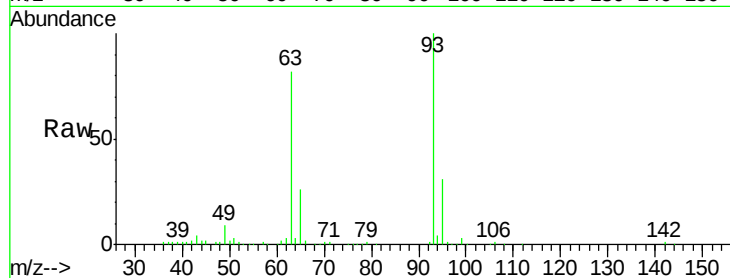




#11
 bis(2-Chloroethyl)ether
 Concen: 22.46 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

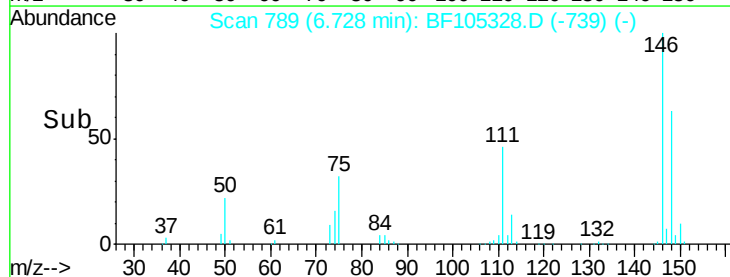
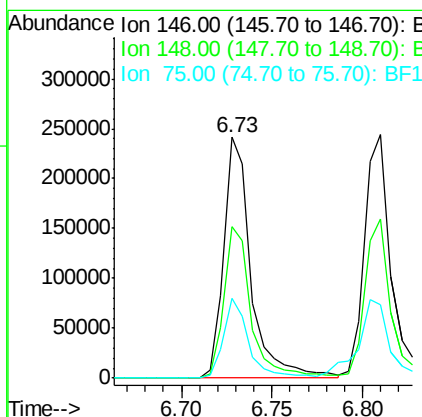
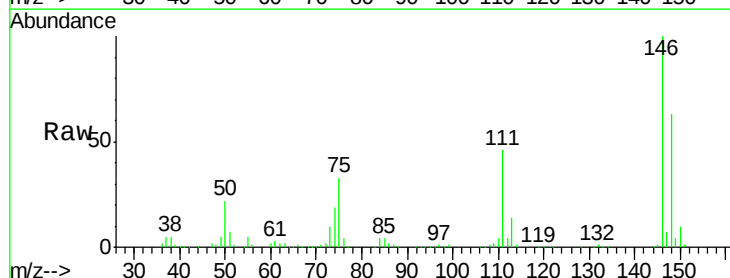
Instrument :
 BNA_F
 ClientSampleId :

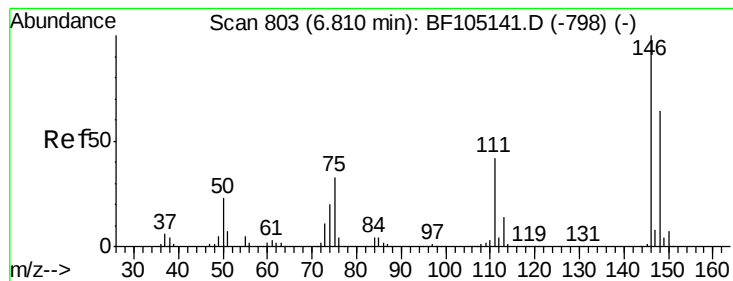
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	58.6	98.6
95	31.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 20.60 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	33.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 21.01 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

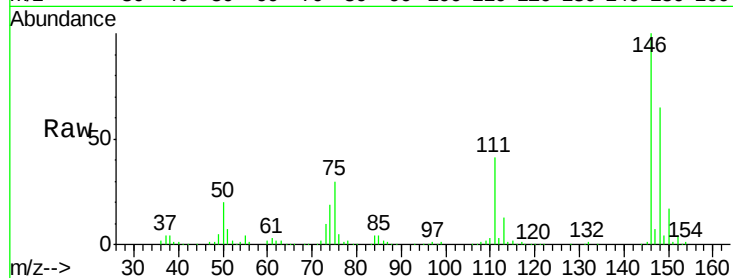
Tot Ion:146 Resp: 264256

Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

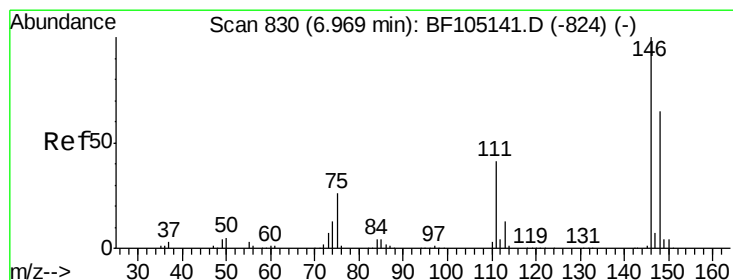
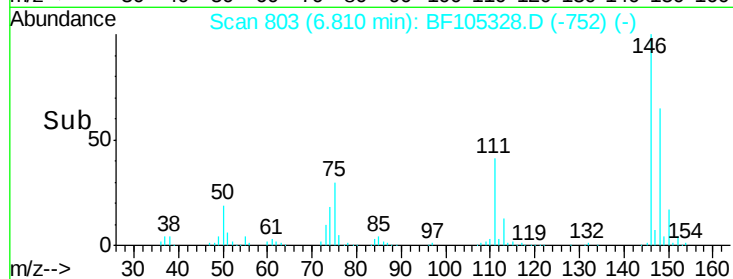
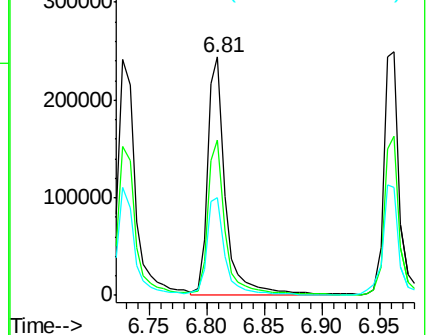
111 41.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.85 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

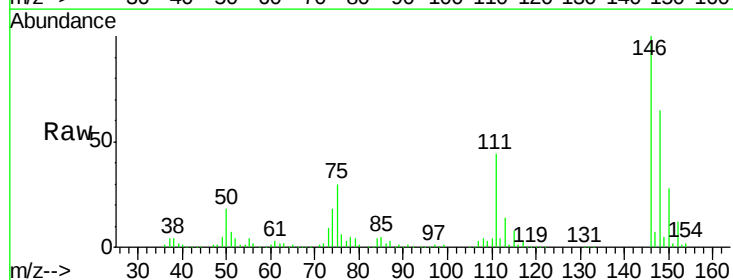
Tgt Ion:146 Resp: 241715

Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

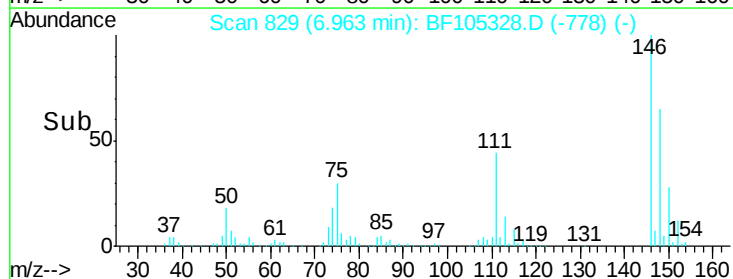
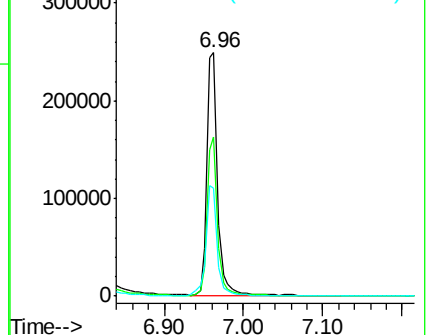
111 44.4 36.0 54.0

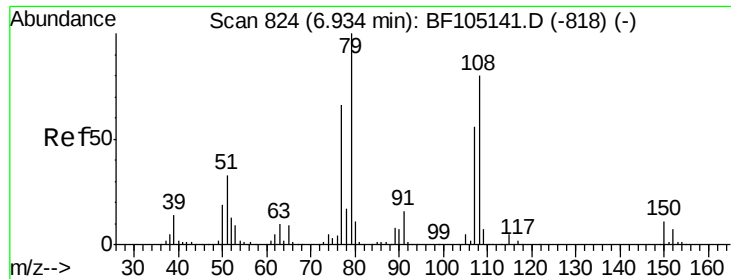


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

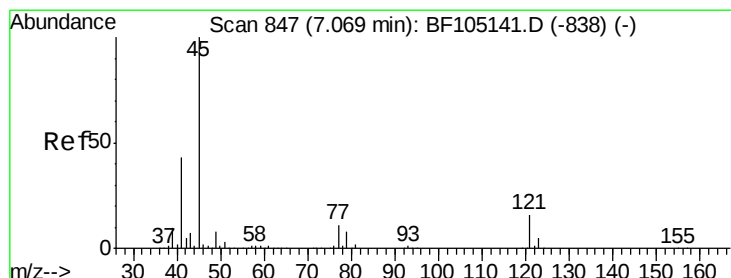
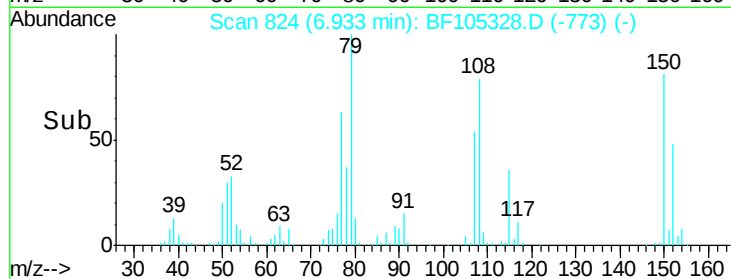
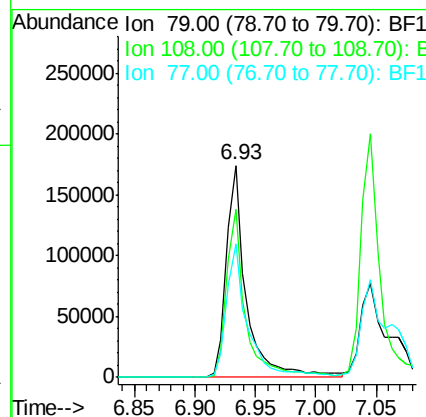
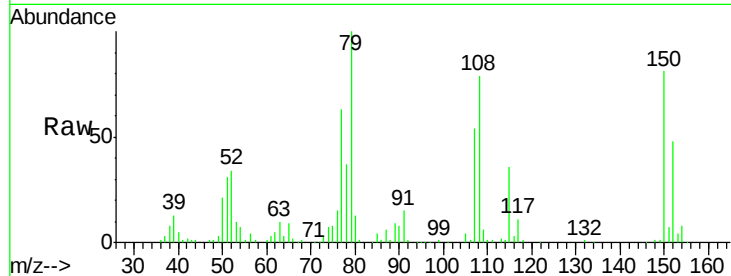




#15
Benzyl Alcohol
Concen: 20.35 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

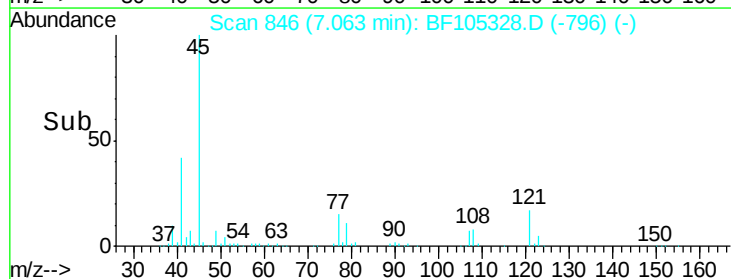
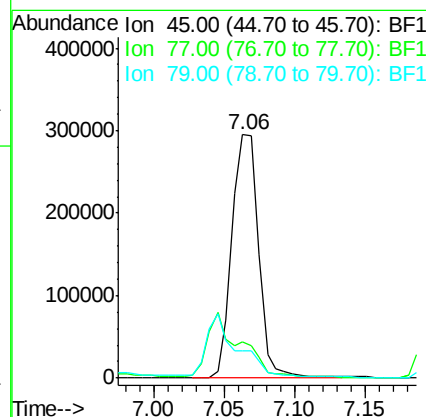
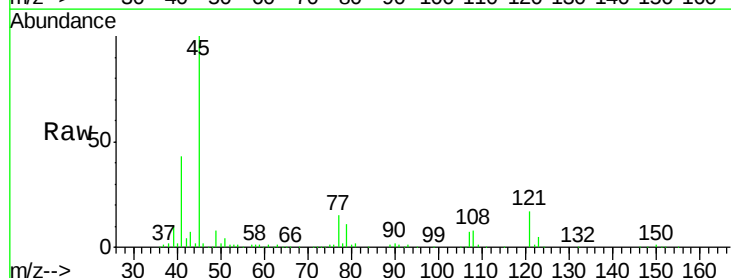
Instrument :
BNA_F
ClientSampled :

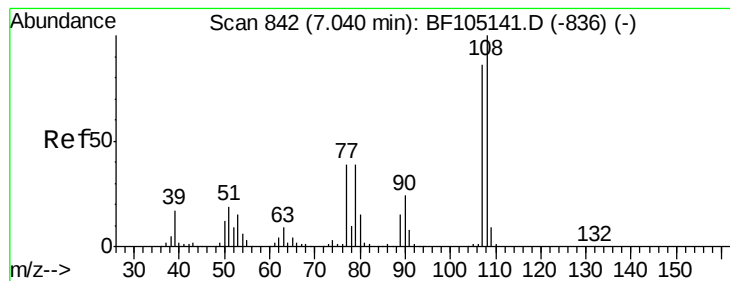
Tot Ion: 79 Resp: 197674
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.25 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion: 45 Resp: 391815
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.9
79 11.2 0.0 29.6

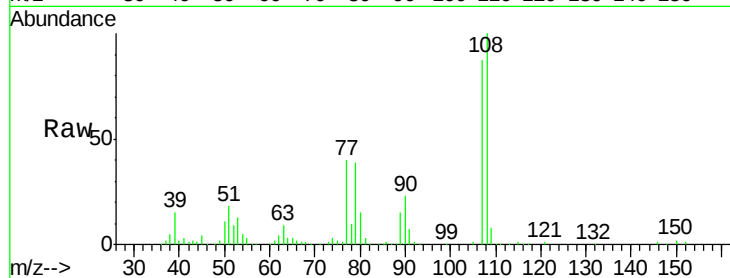




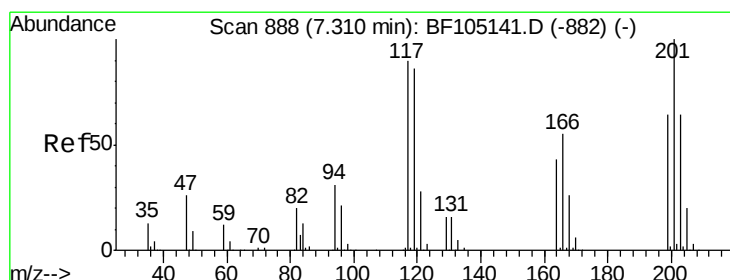
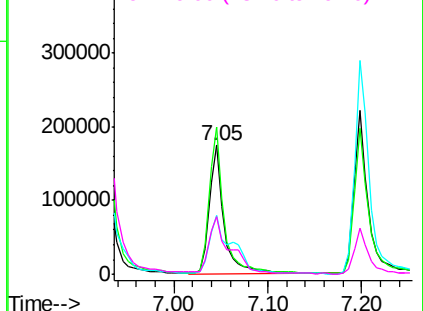
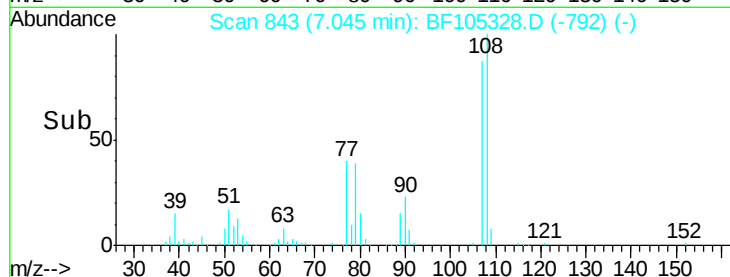
#17
2-Methylphenol
Concen: 20.58 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	45.7	33.8	50.8
79	44.4	33.8	50.8

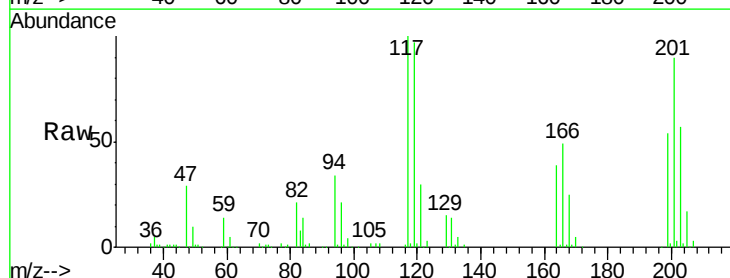


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

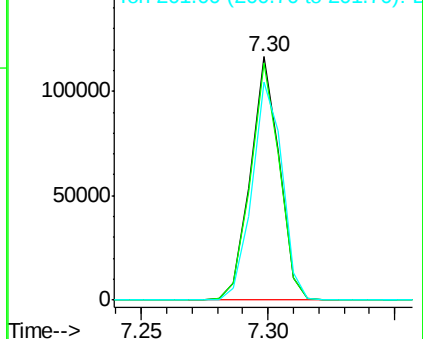
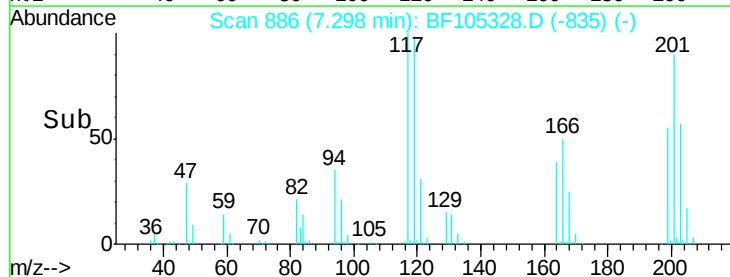


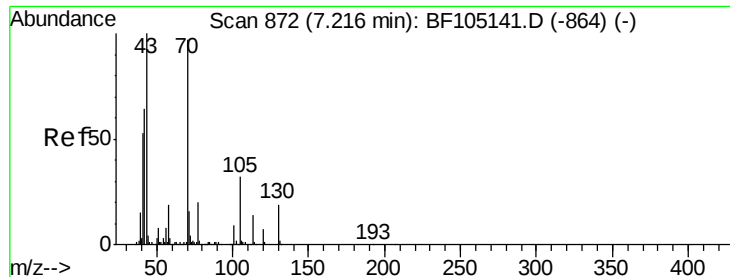
#18
Hexachloroethane
Concen: 20.37 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	89.6	75.7	113.5



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

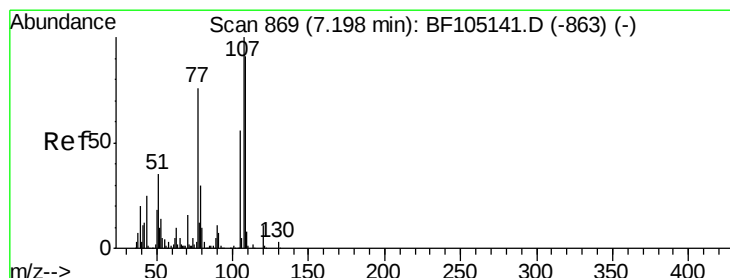
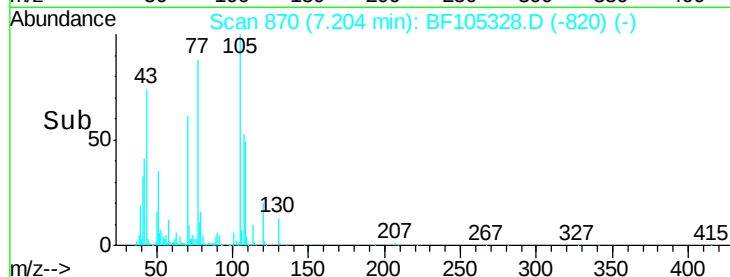
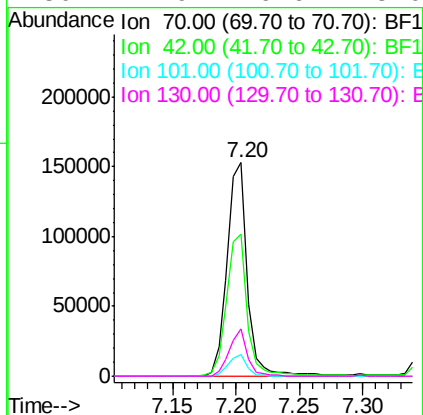
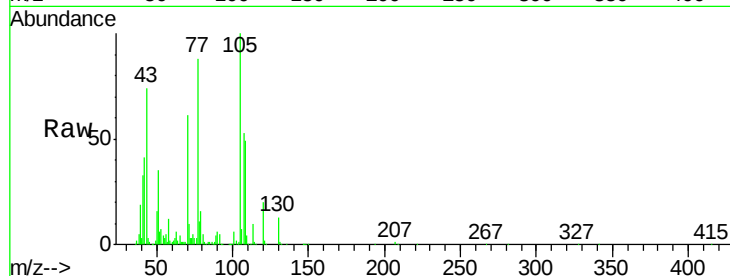




#19
n-Nitroso-di-n-propylamine
Concen: 21.29 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

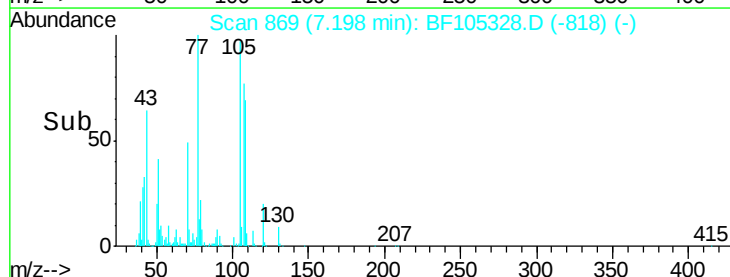
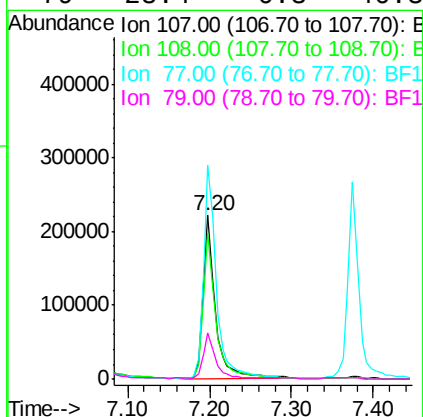
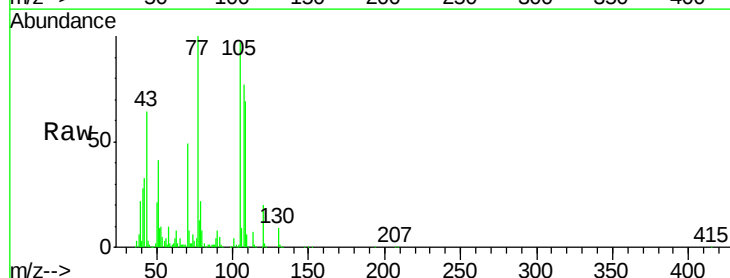
Instrument :
BNA_F
ClientSampleId :

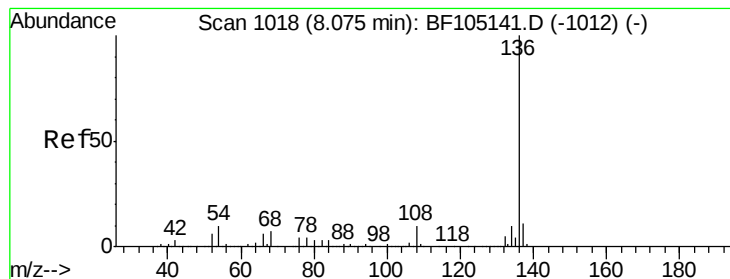
Tot Ion: 70 Resp: 168480
Ion Ratio Lower Upper
70 100
42 66.5 47.5 71.3
101 10.0 7.4 11.2
130 21.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 21.47 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion: 107 Resp: 241489
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 130.5 26.7 66.7#
79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 672415

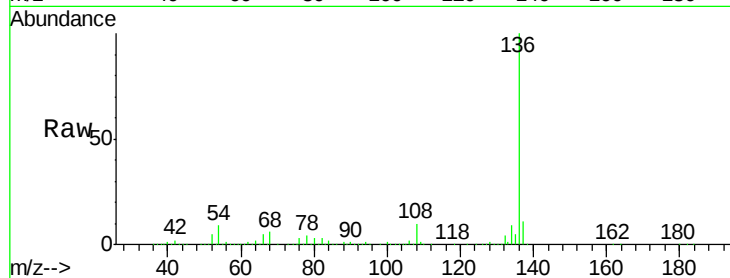
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 5.9 5.0 7.4

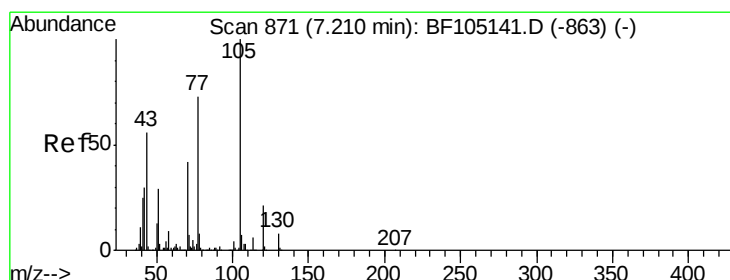
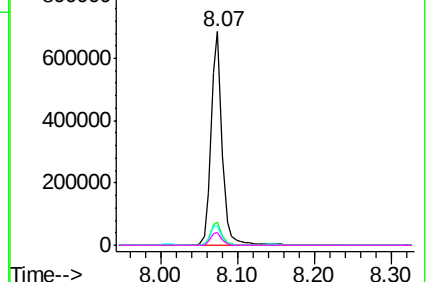
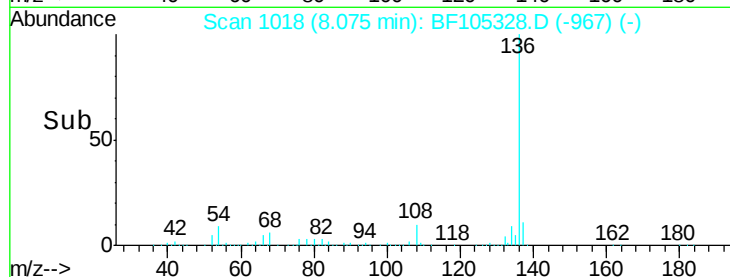


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 21.20 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Tgt Ion:105 Resp: 327545

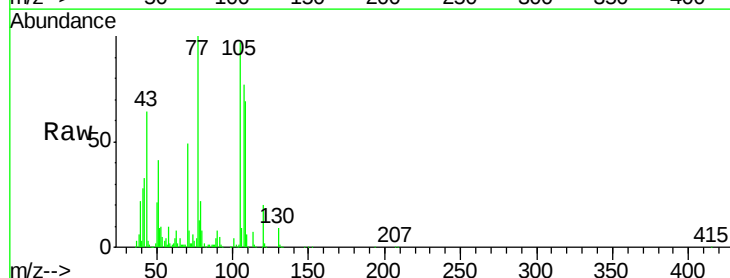
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 41.9 22.3 33.5#

120 20.4 16.9 25.3

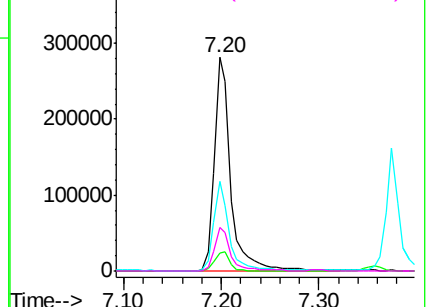
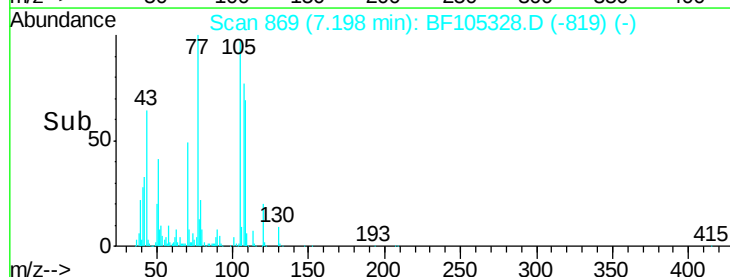


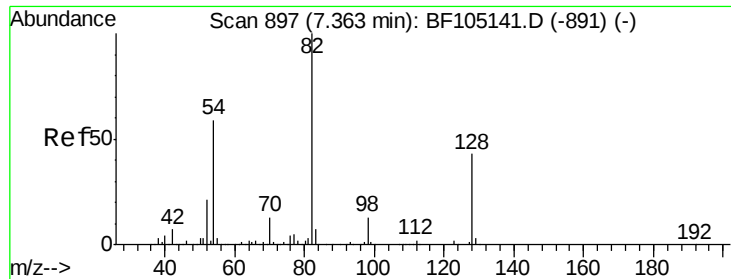
Abundance Ion 105.00 (104.70 to 105.70): E

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

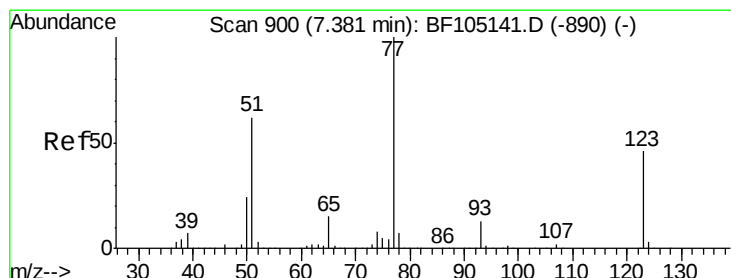
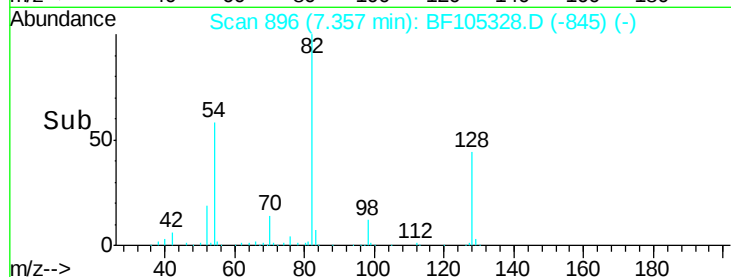
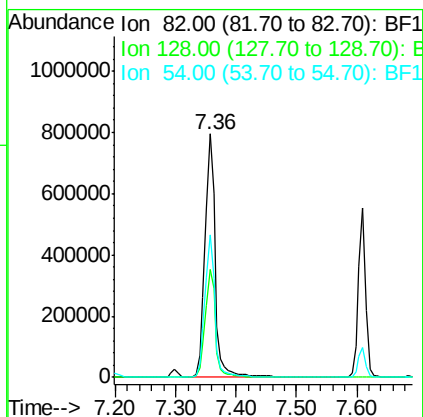
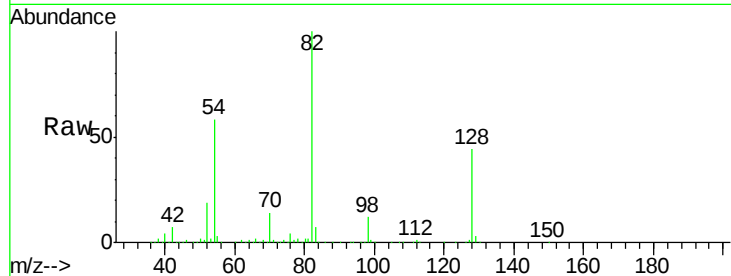




#23
Nitrobenzene-d5
Concen: 82.54 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

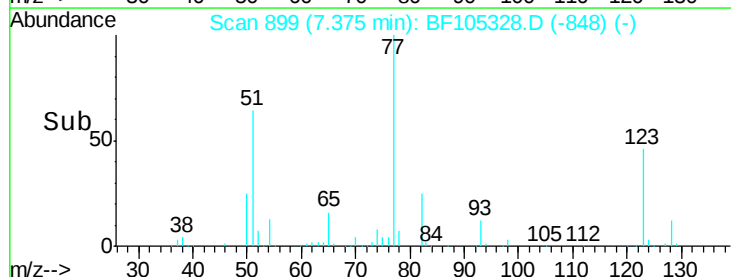
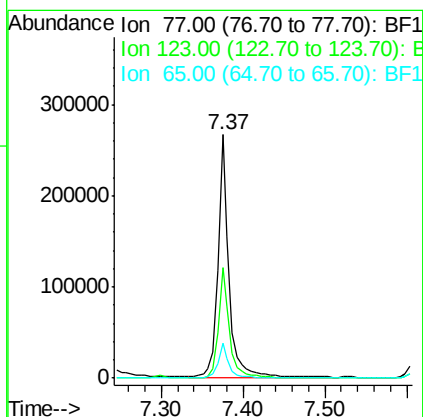
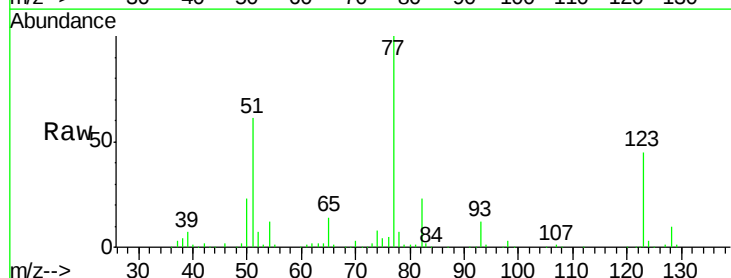
Instrument :
BNA_F
ClientSampleId :

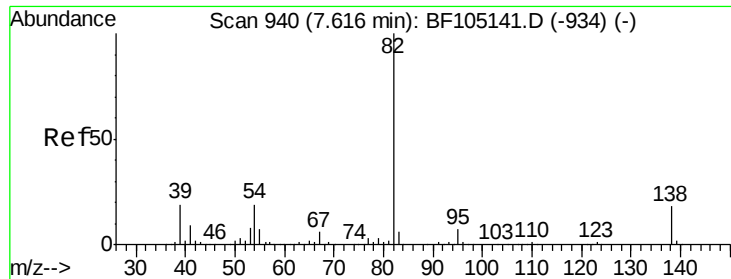
Tot Ion: 82 Resp: 953634
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 58.4 41.4 62.2



#24
Nitrobenzene
Concen: 20.62 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion: 77 Resp: 250892
Ion Ratio Lower Upper
77 100
123 45.3 37.9 56.9
65 14.3 11.0 16.4





#25

Isophorone

Concen: 20.78 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

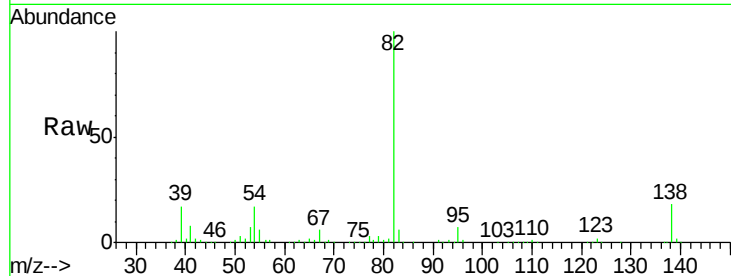
Tot Ion: 82 Resp: 454326

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

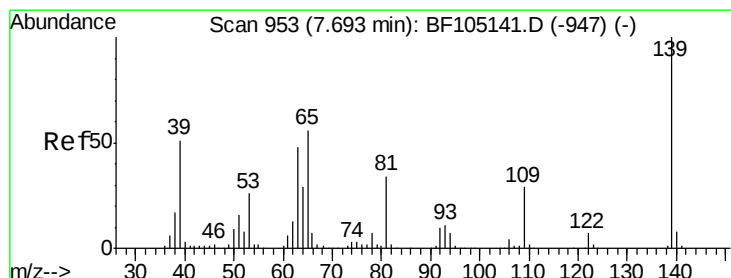
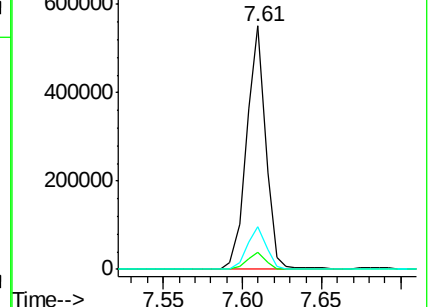
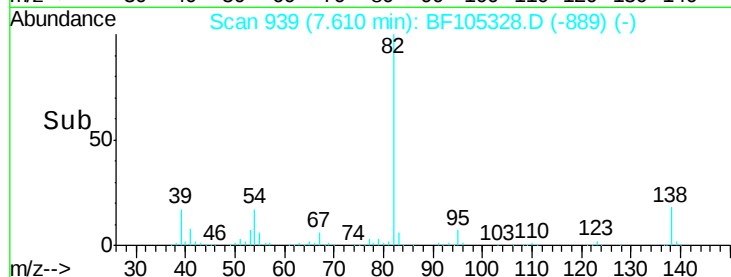
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 20.45 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

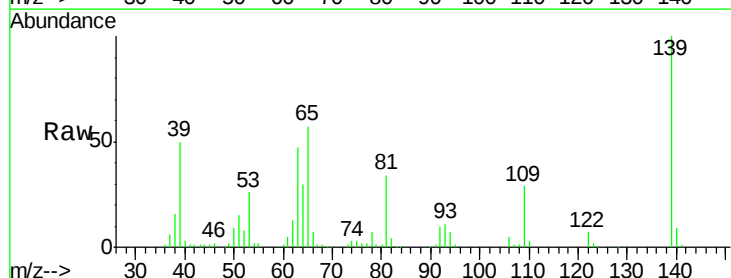
Tgt Ion: 139 Resp: 125519

Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

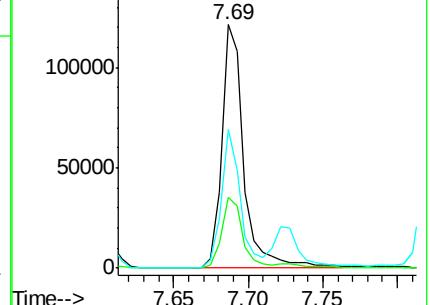
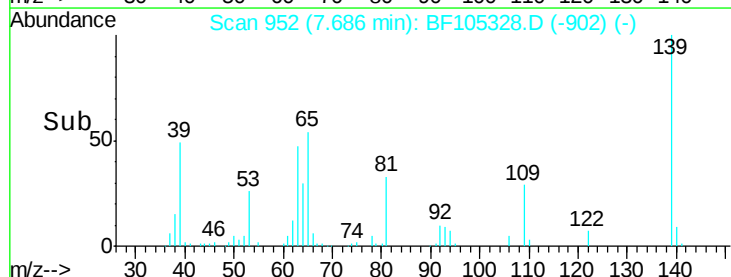
65 57.1 40.5 60.7

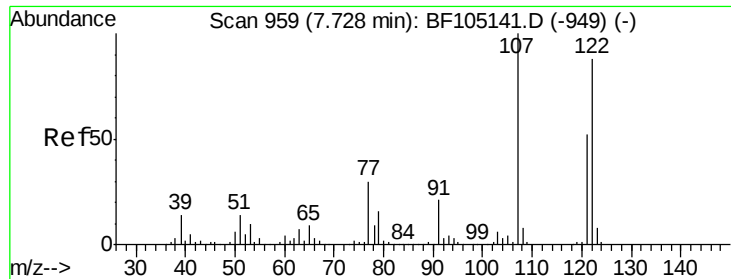


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

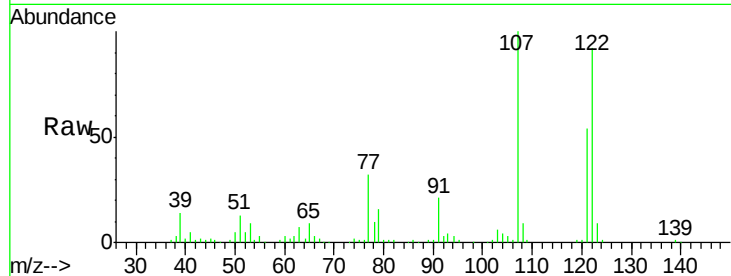




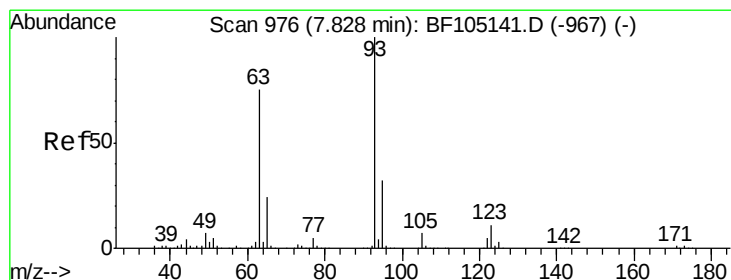
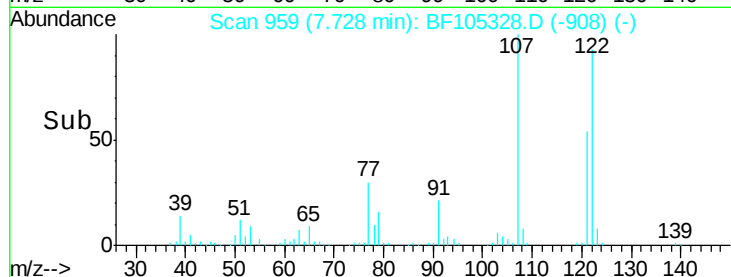
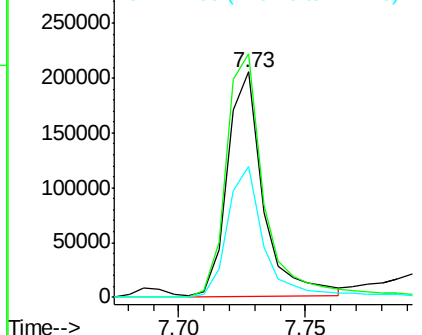
#27
 2,4-Dimethylphenol
 Concen: 20.09 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 202585
 Ion Ratio Lower Upper
 122 100
 107 108.1 91.2 136.8
 121 58.0 47.2 70.8

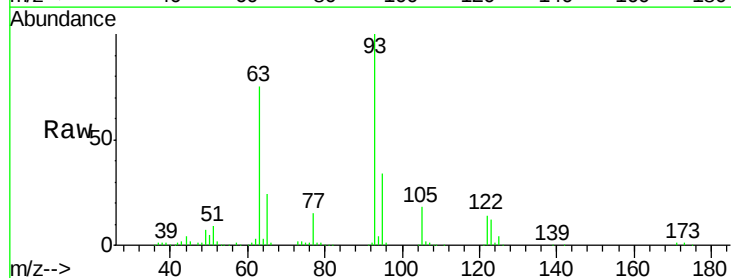


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

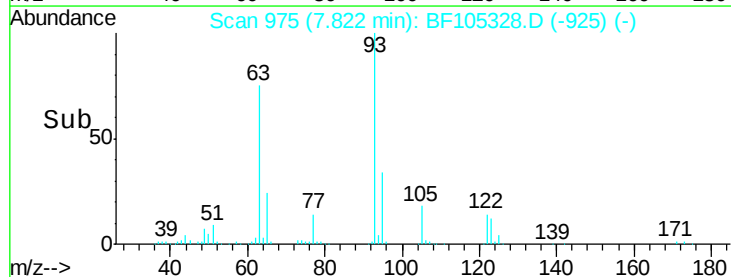
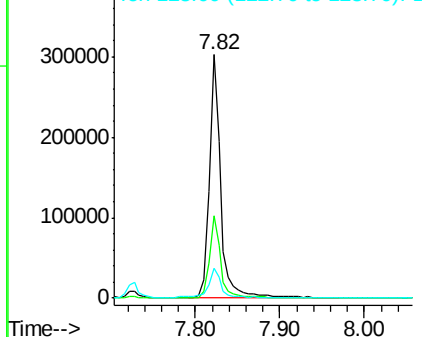


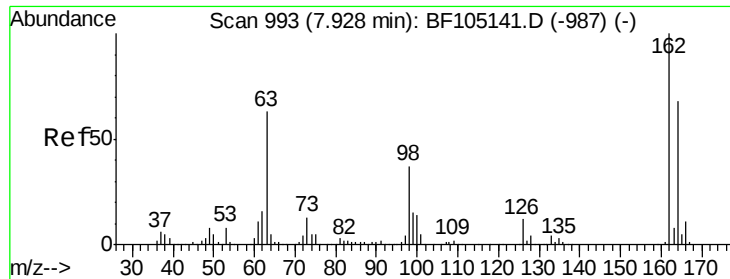
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.10 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion: 93 Resp: 283040
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.3 39.5
 123 12.0 9.8 14.6



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

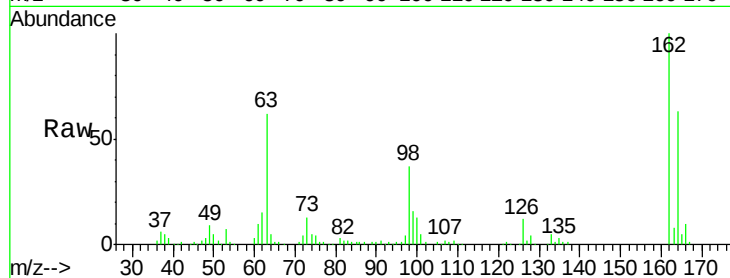




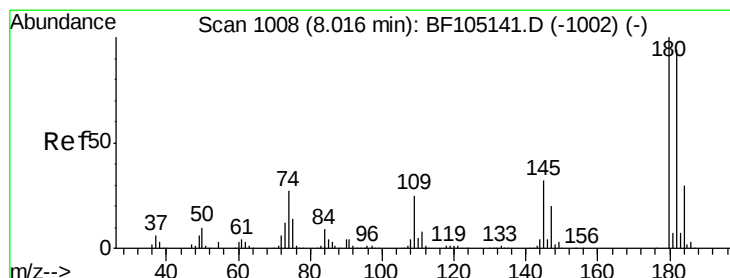
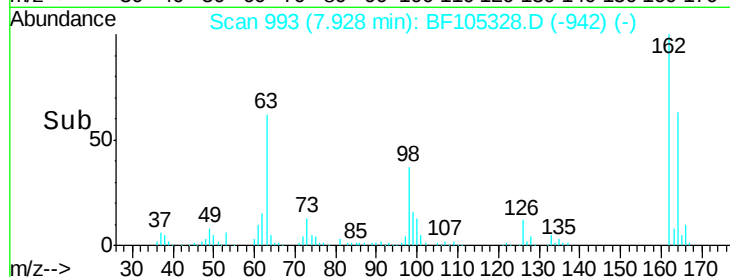
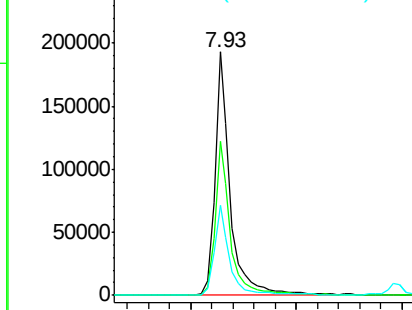
#29
 2,4-Dichlorophenol
 Concen: 20.84 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	36.8	18.1	58.1

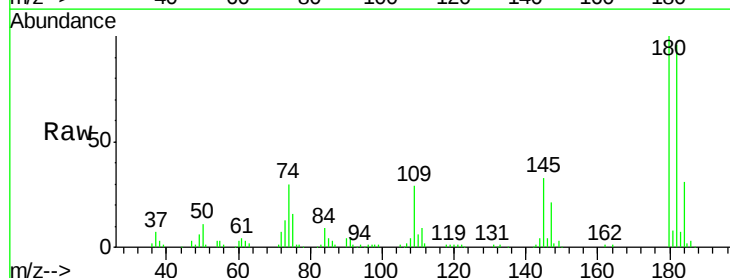


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

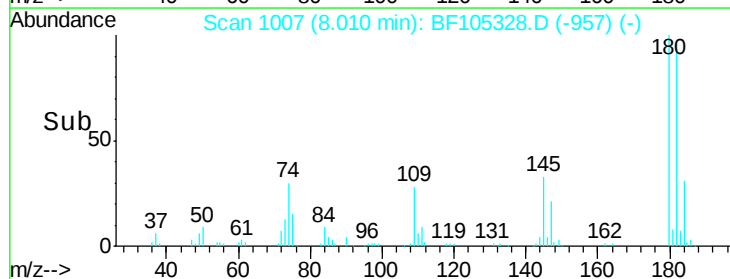
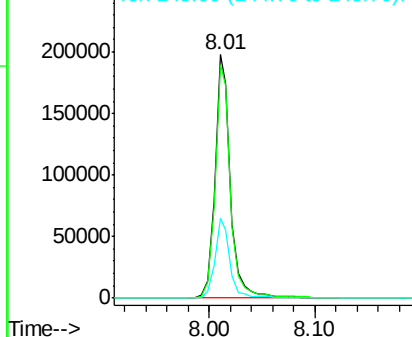


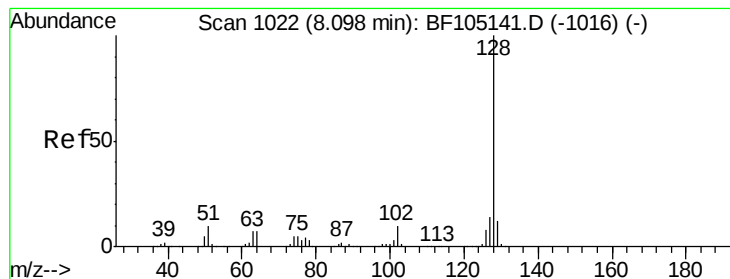
#30
 1,2,4-Trichlorobenzene
 Concen: 20.50 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	32.7	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: 20.85 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampled :

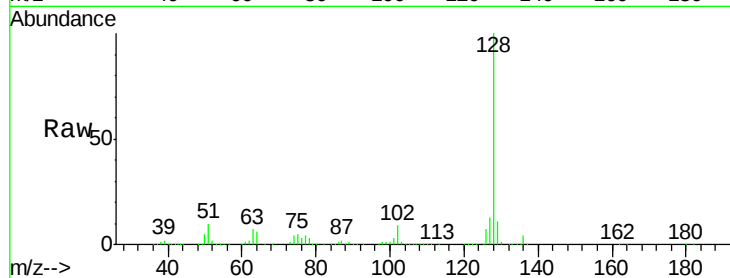
Tot Ion:128 Resp: 682592

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

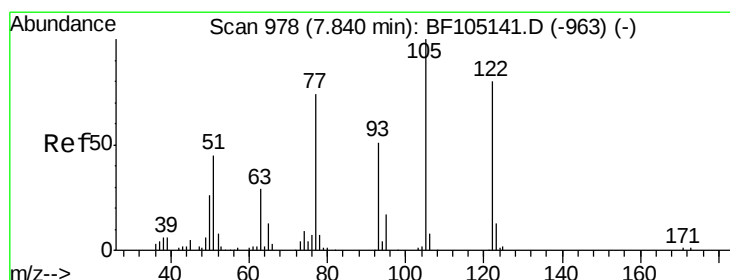
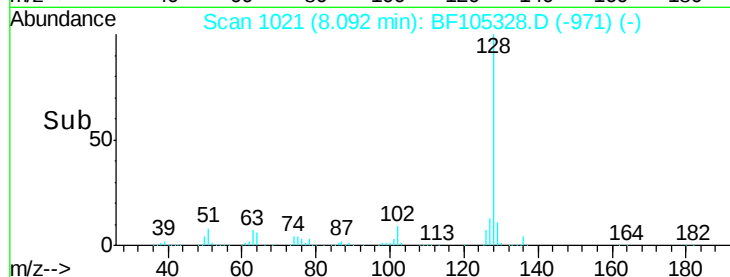
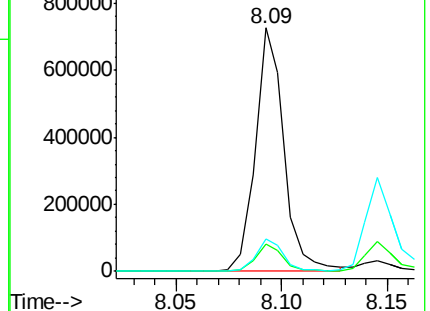
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.70 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

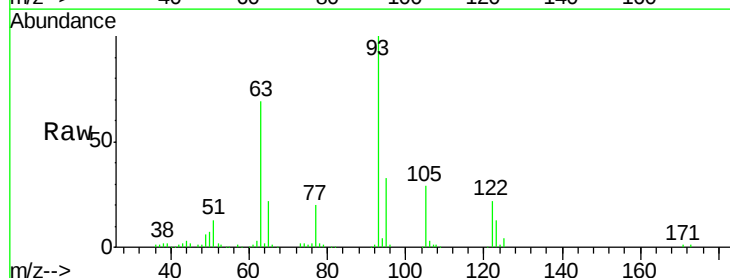
Tgt Ion:122 Resp: 125052

Ion Ratio Lower Upper

122 100

105 128.6 101.1 141.1

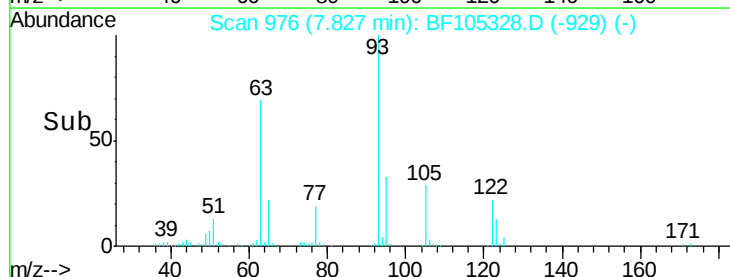
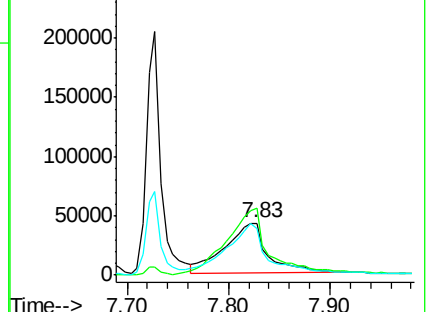
77 89.4 70.7 110.7

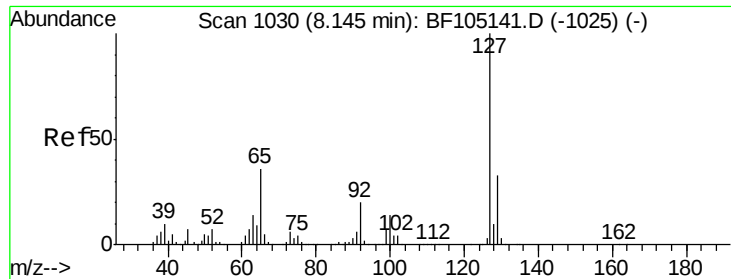


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

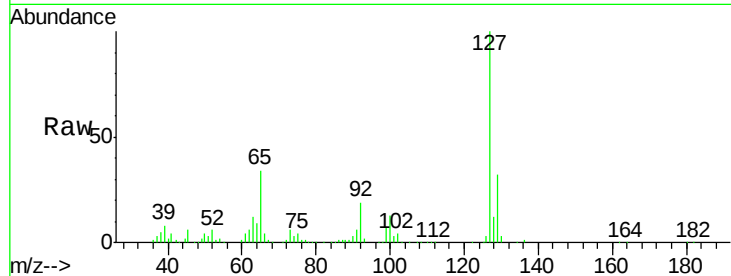




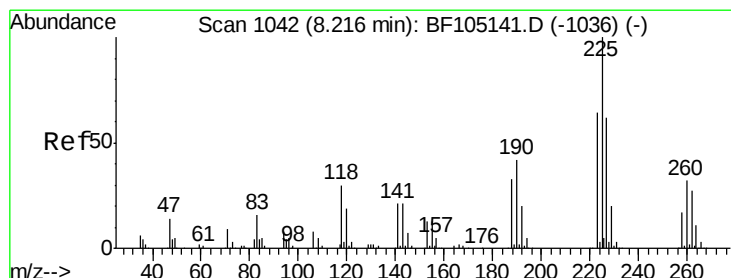
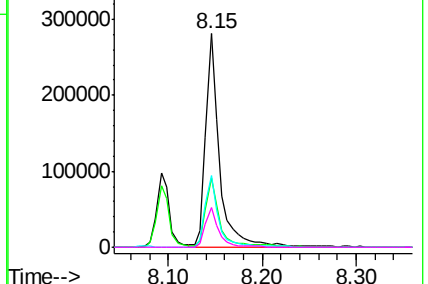
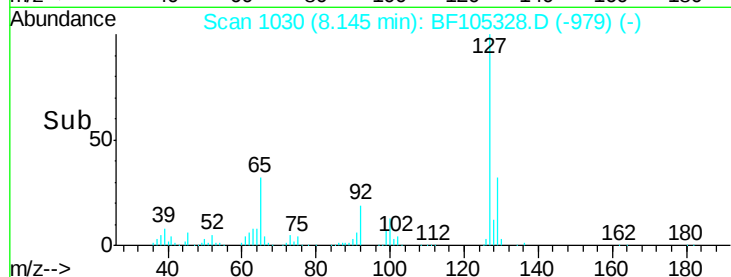
#33
4-Chloroaniline
Concen: 21.17 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	287735
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	33.7	25.0	37.4
92	18.9	15.2	22.8

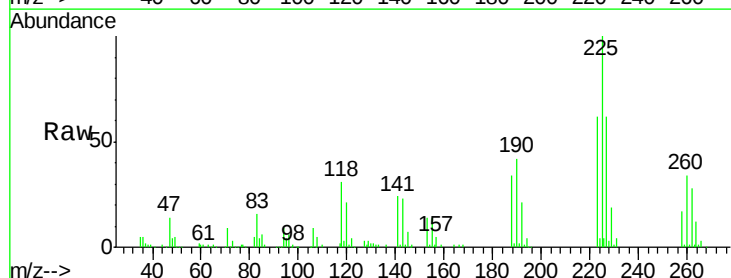


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

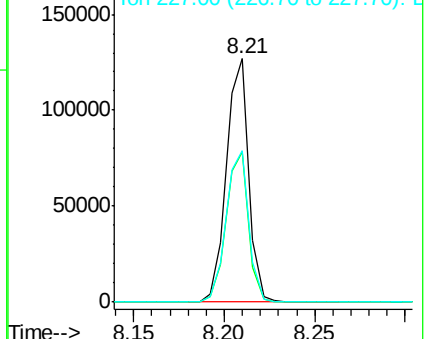
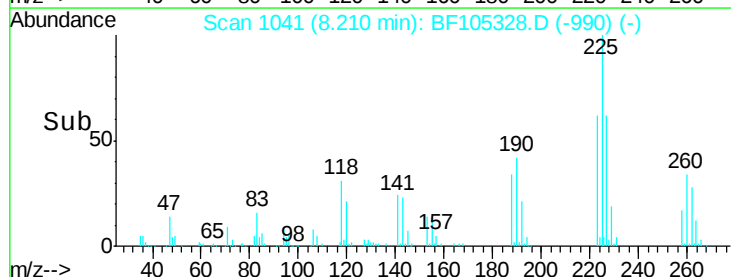


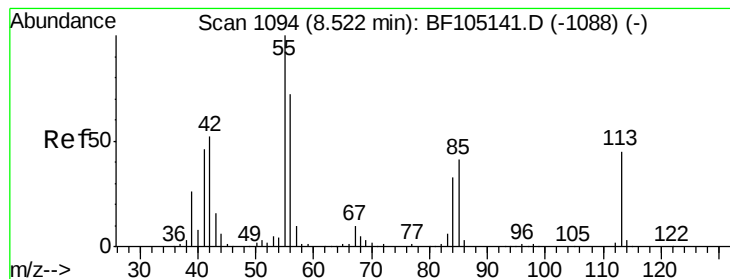
#34
Hexachlorobutadiene
Concen: 20.21 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:	225	Resp:	108822
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.2	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: 20.92 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampled :

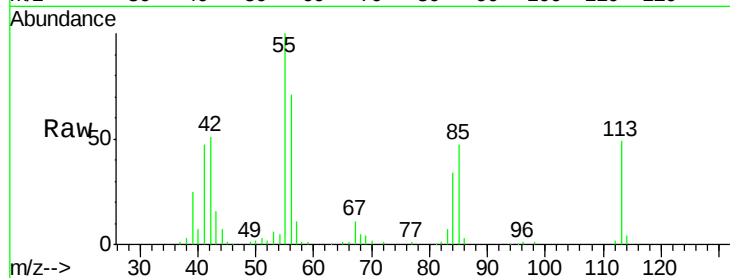
Tot Ion:113 Resp: 61083

Ion Ratio Lower Upper

113 100

55 202.8 163.3 203.3

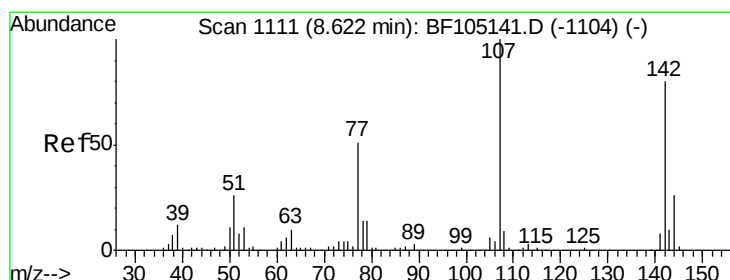
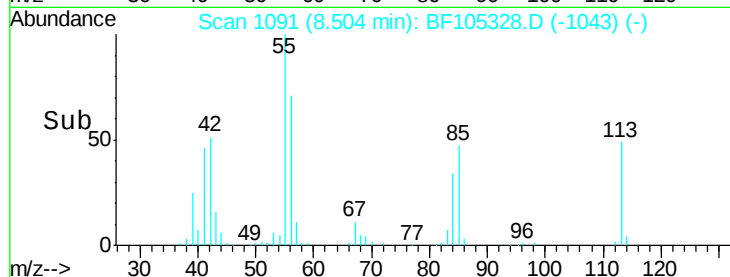
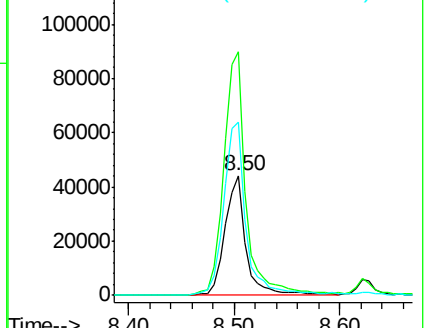
56 144.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 20.95 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

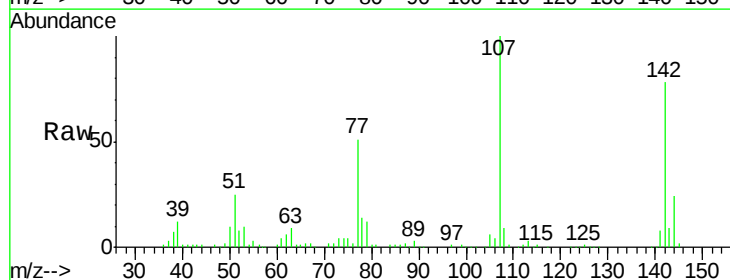
Tgt Ion:107 Resp: 213088

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

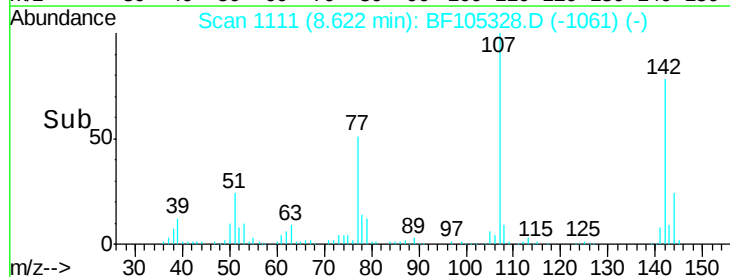
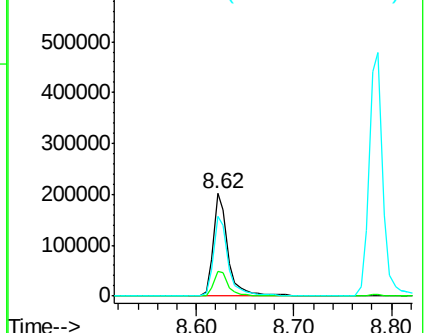
142 78.0 62.0 93.0

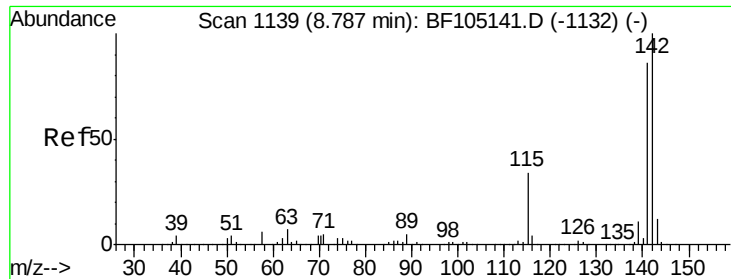


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

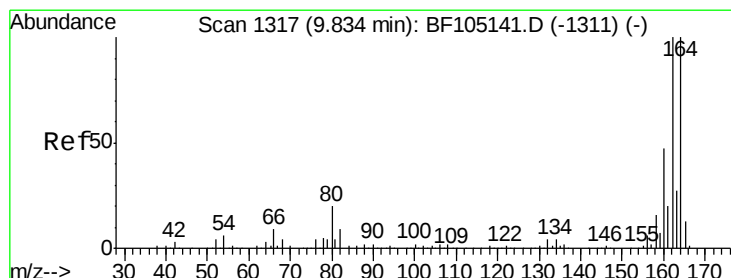
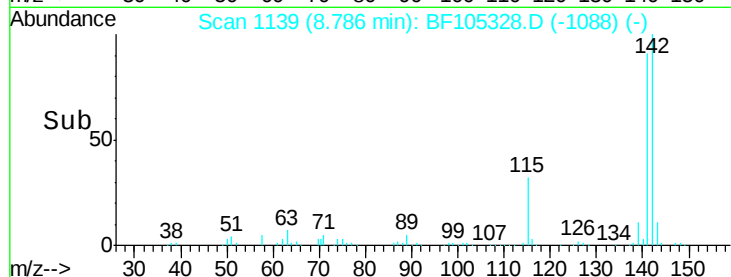
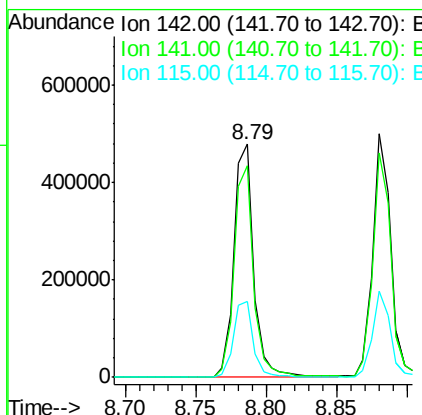
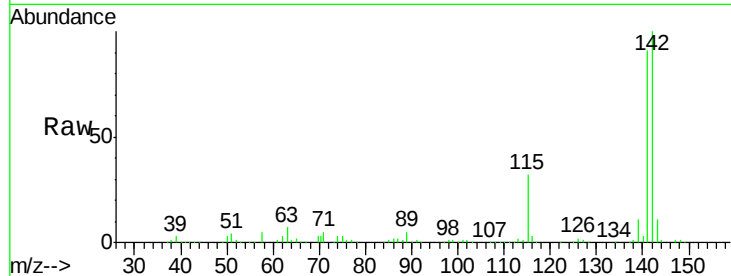




#37
2-Methylnaphthalene
Concen: 21.26 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

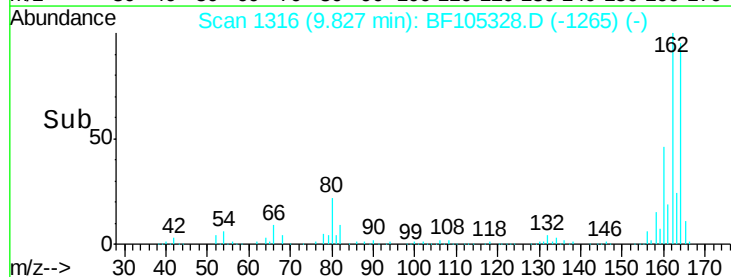
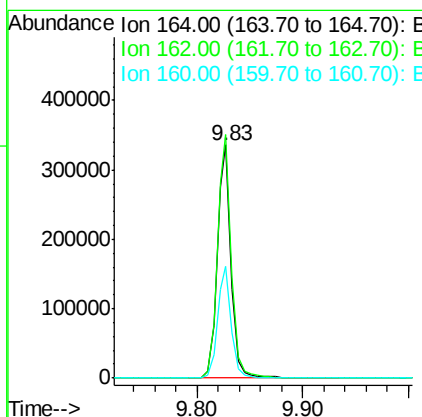
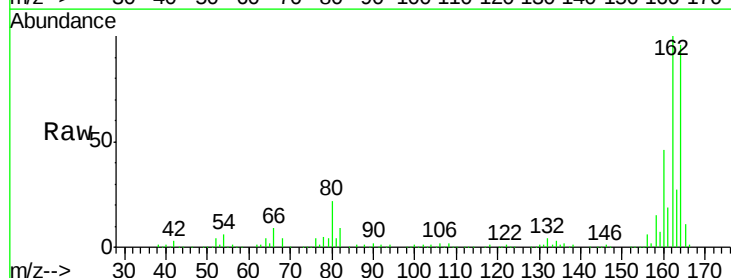
Instrument :
BNA_F
ClientSampleId :

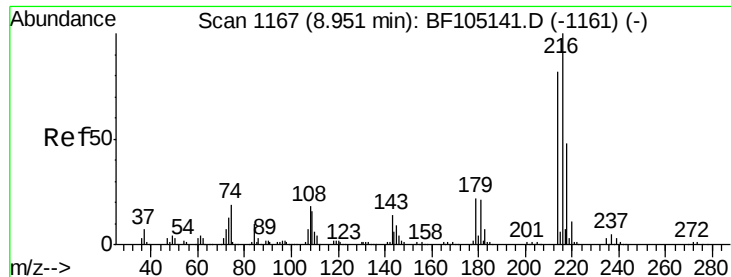
Tot Ion:142 Resp: 468174
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:164 Resp: 309542
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 48.0 38.3 57.5

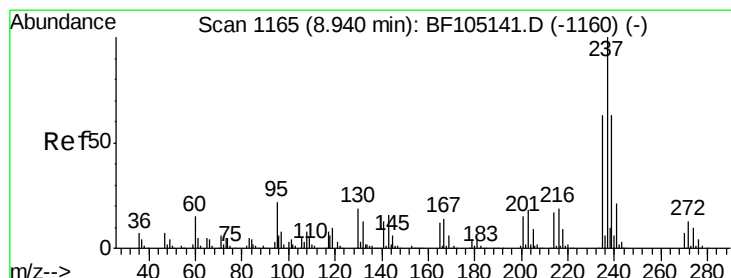
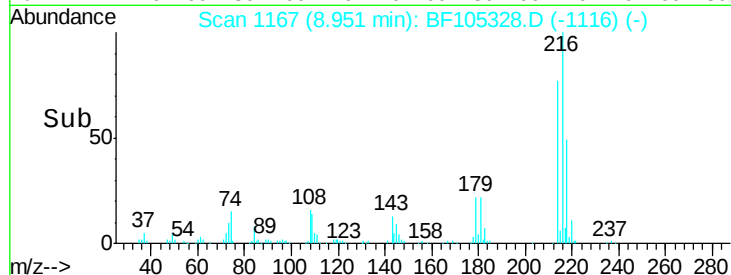
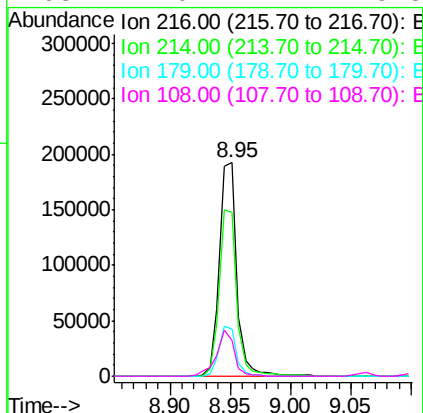
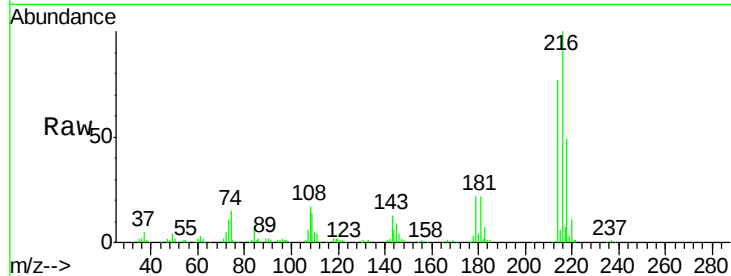




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.49 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

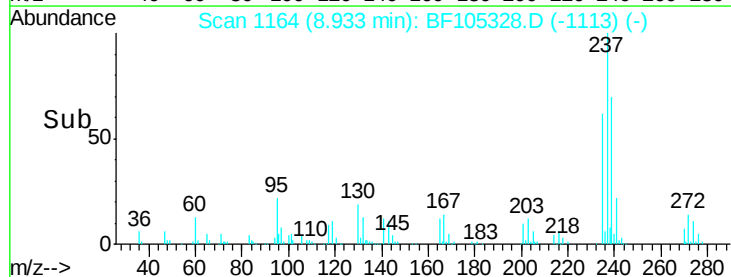
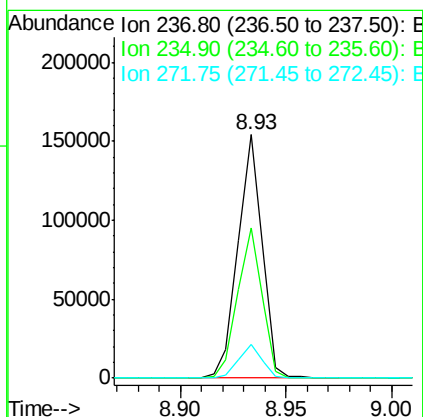
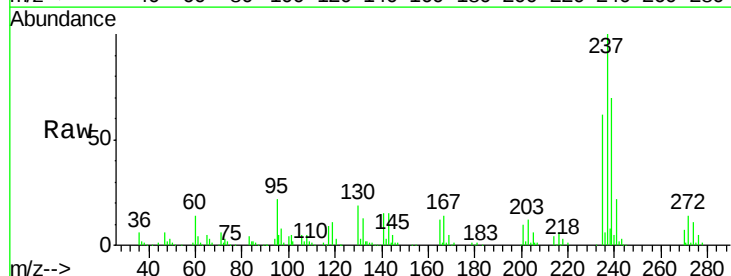
Instrument :
 BNA_F
 ClientSampleId :

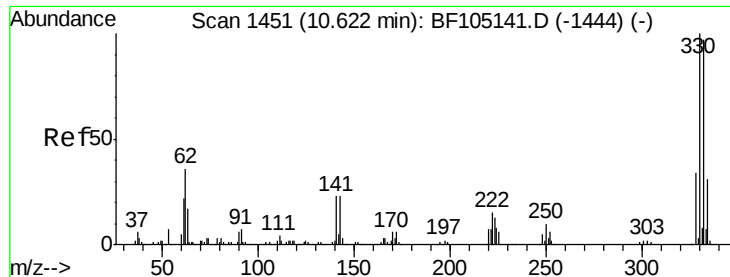
Tot Ion:	216	Resp:	191378
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	23.0	18.1	27.1
108	22.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 19.33 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion:	237	Resp:	122186
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	13.7	0.0	33.3

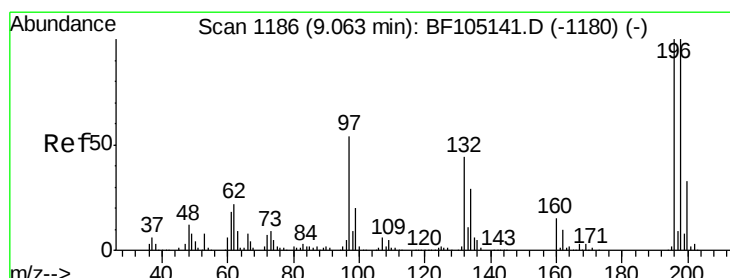
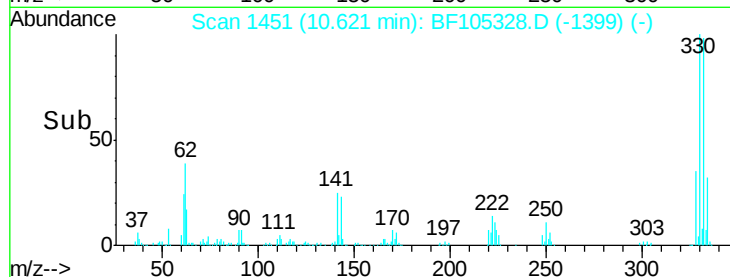
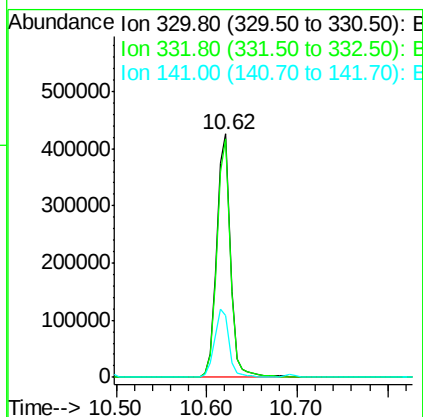
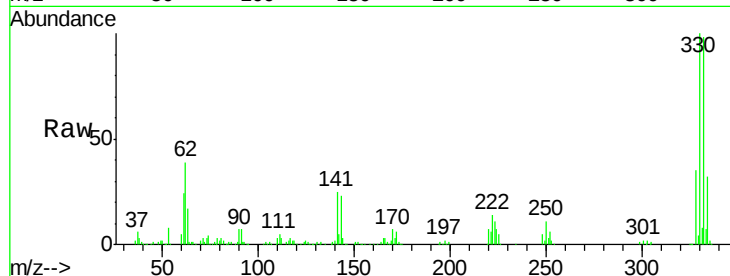




#41
 2,4,6-Tribromophenol
 Concen: 111.73 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

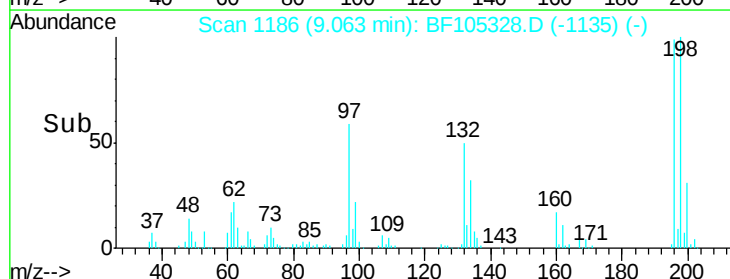
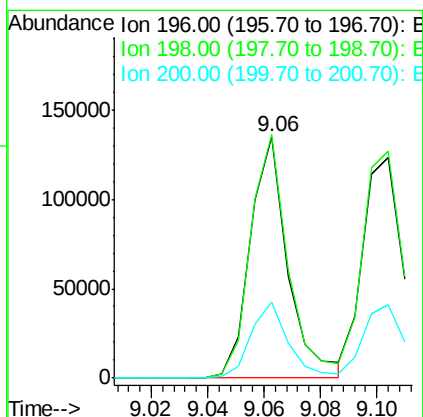
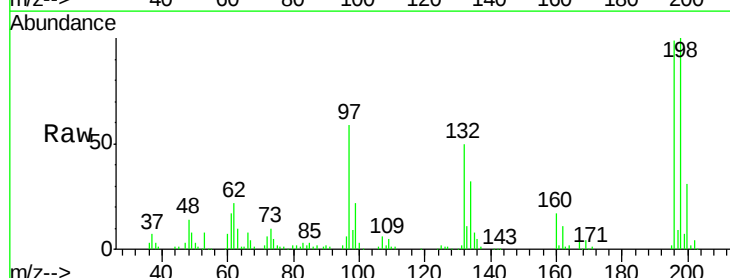
Instrument :
 BNA_F
 ClientSampleId :

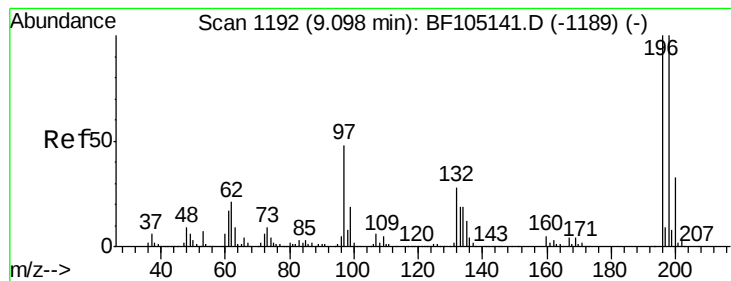
Tot Ion:330 Resp: 446813
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 29.7 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 19.68 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion:196 Resp: 124989
 Ion Ratio Lower Upper
 196 100
 198 100.8 75.7 113.5
 200 31.2 24.5 36.7

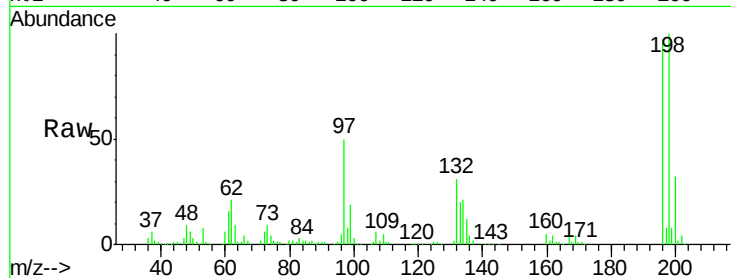




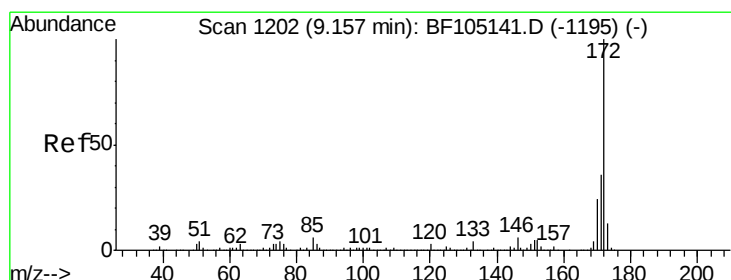
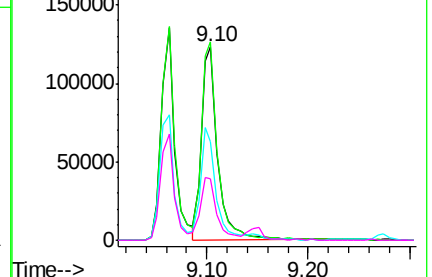
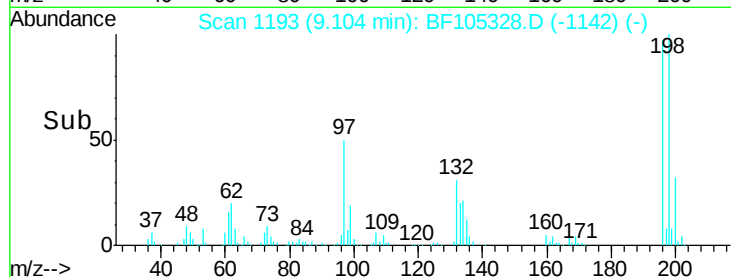
#43
 2,4,5-Trichlorophenol
 Concen: 20.01 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	137336
Ion	Ratio	Lower	Upper
196	100		
198	102.7	74.6	112.0
97	50.9	42.9	64.3
132	32.0	26.3	39.5

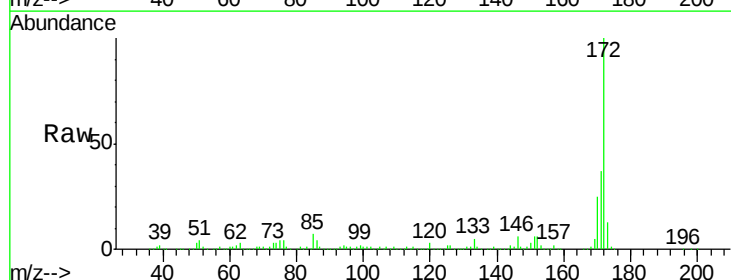


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

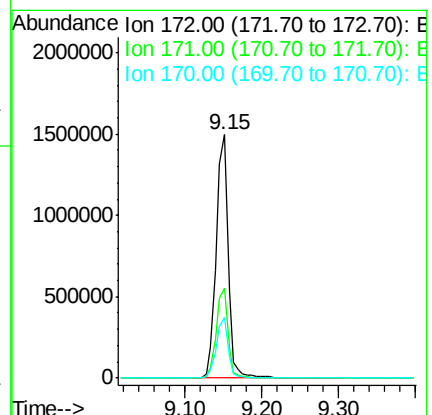
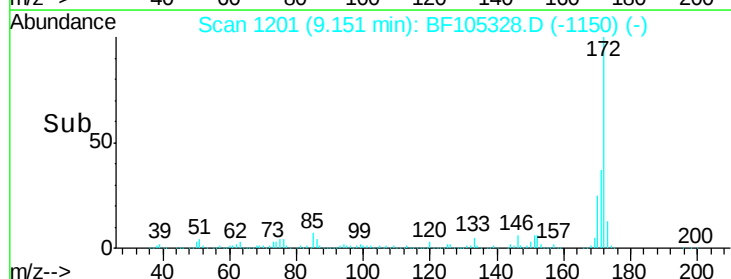


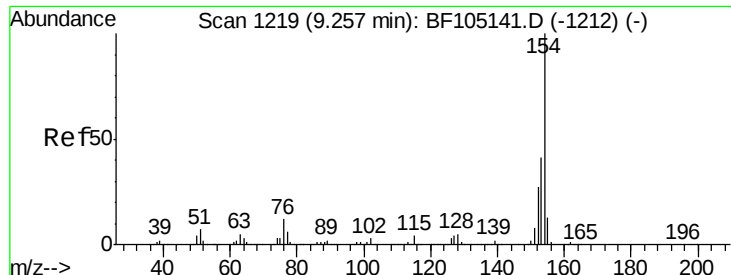
#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion:	172	Resp:	1592937
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	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

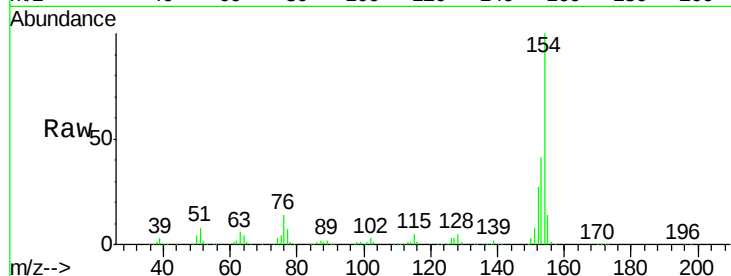




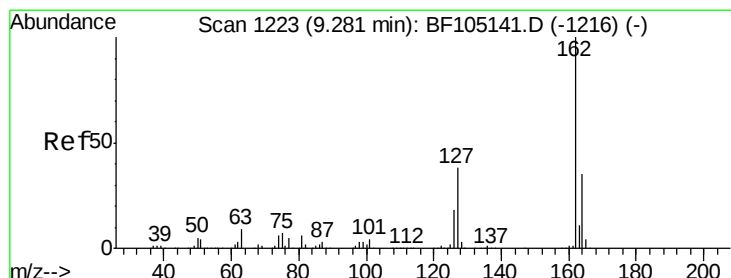
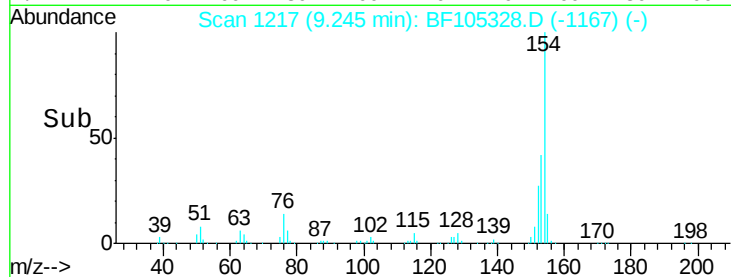
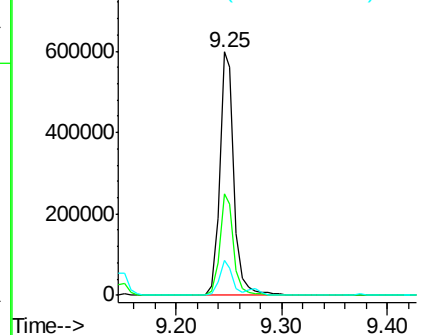
#45
 1,1'-Biphenyl
 Concen: 20.97 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	14.4	0.0	34.0

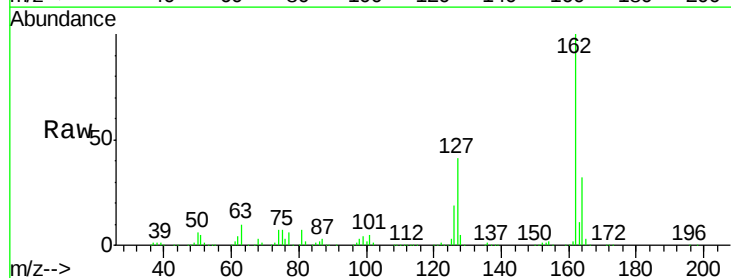


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

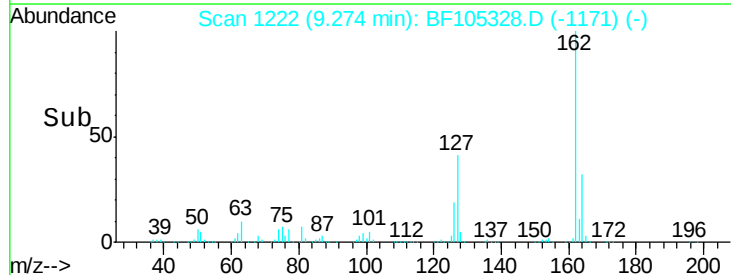
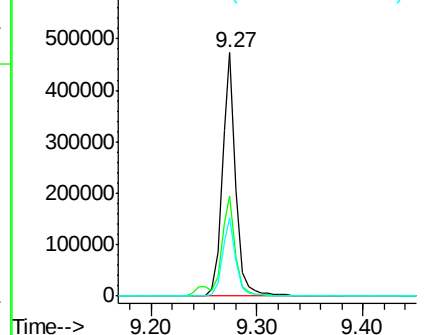


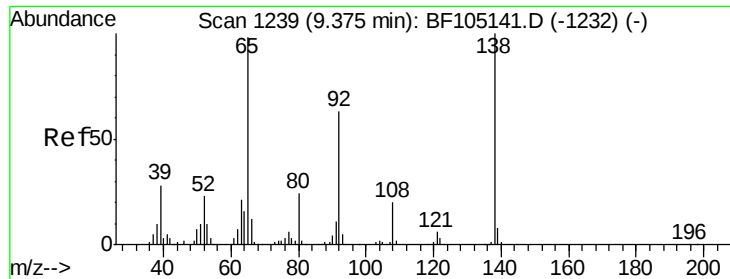
#46
 2-Chloronaphthalene
 Concen: 20.65 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.3	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

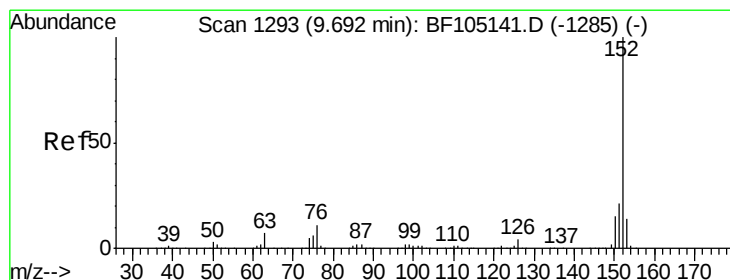
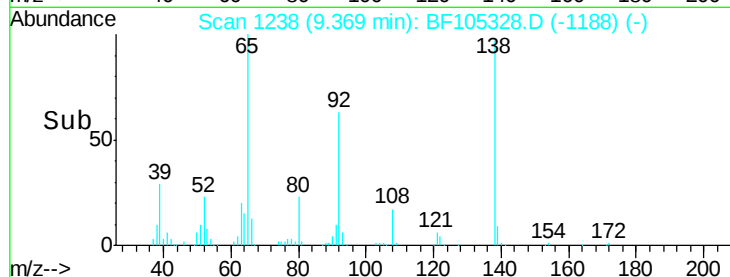
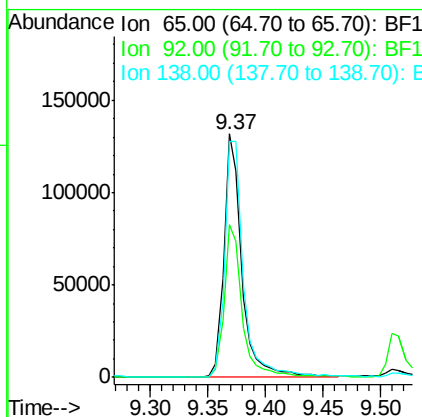
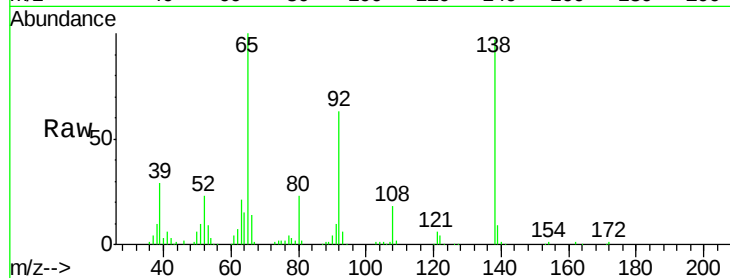




#47
2-Nitroaniline
Concen: 20.70 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

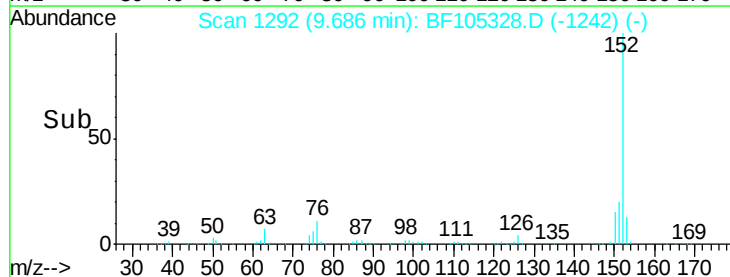
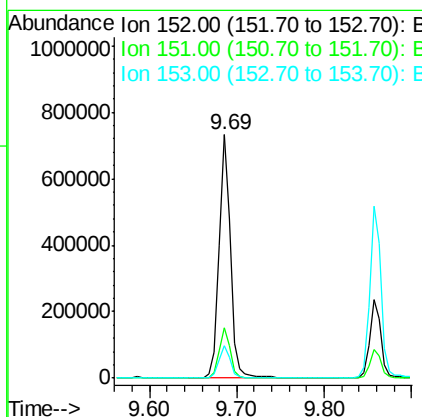
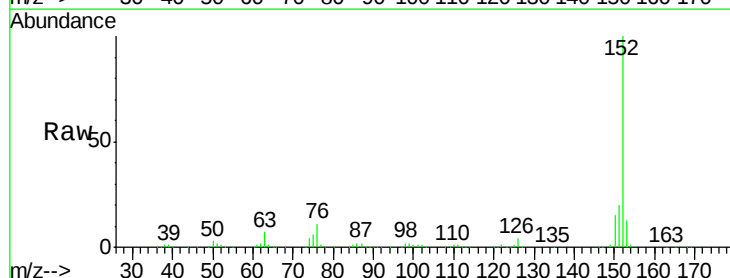
Instrument :
BNA_F
ClientSampleId :

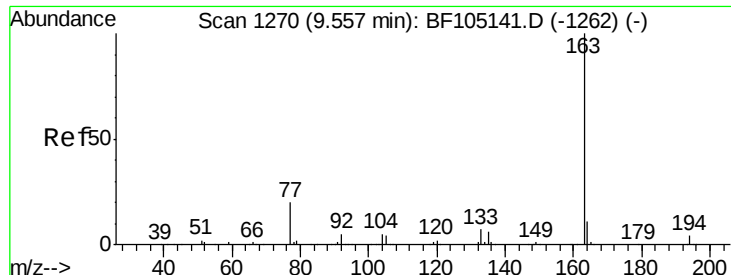
Tot Ion	65	Resp	143497
Ion Ratio	Lower	Upper	
65	100		
92	62.8	55.8	83.6
138	97.0	91.2	136.8



#48
Acenaphthylene
Concen: 21.12 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion	152	Resp	667996
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1

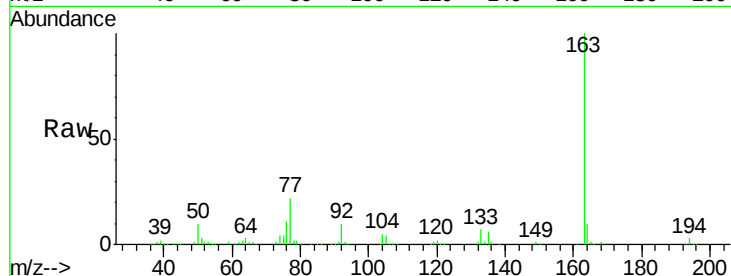




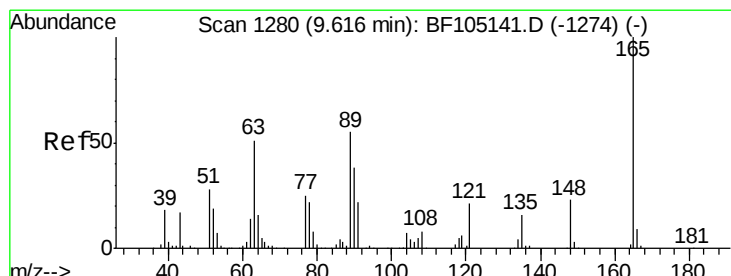
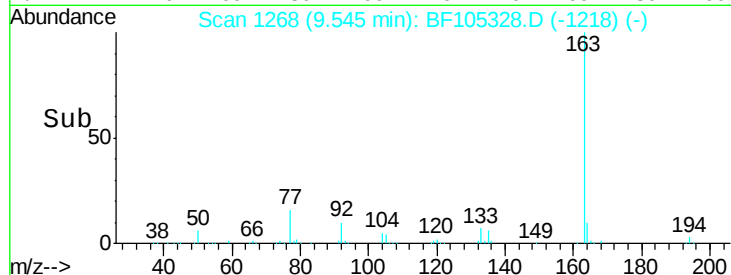
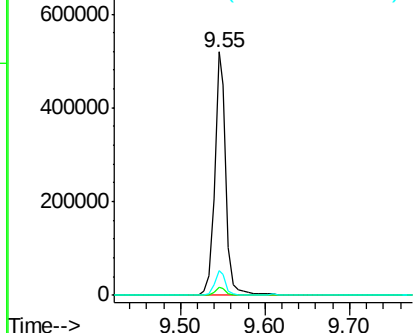
#49
Dimethylphthalate
Concen: 20.91 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 496992
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2

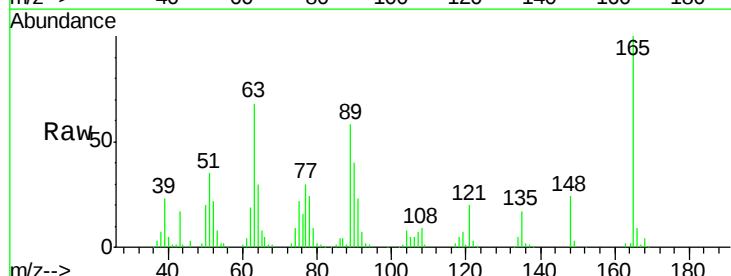


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

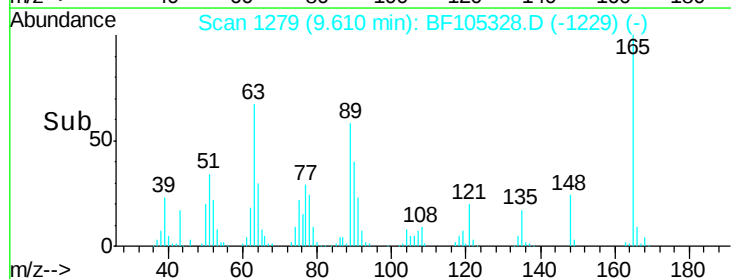
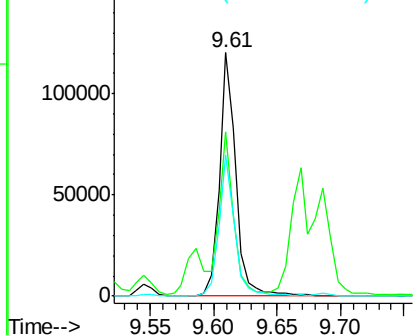


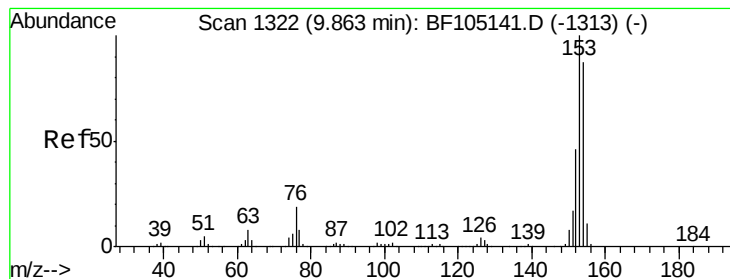
#50
2,6-Dinitrotoluene
Concen: 20.88 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:165 Resp: 109219
Ion Ratio Lower Upper
165 100
63 67.5 44.7 67.1#
89 58.1 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: 21.30 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

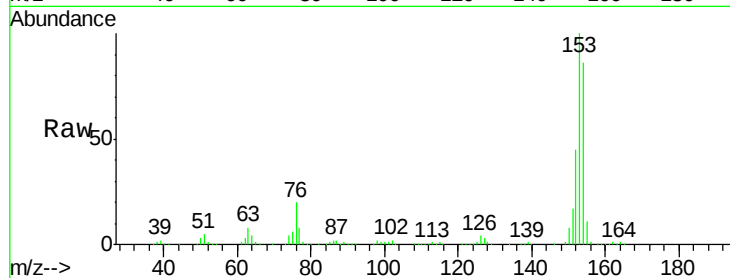
Tot Ion:154 Resp: 445989

Ion Ratio Lower Upper

154 100

153 116.9 91.2 136.8

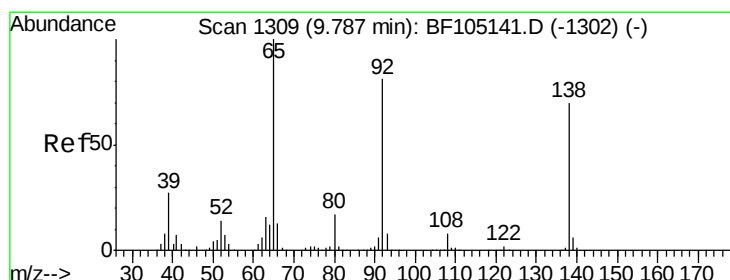
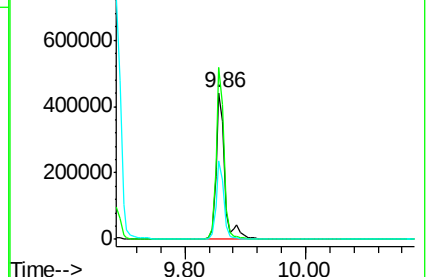
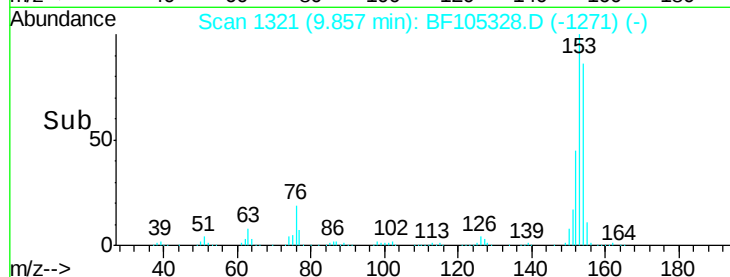
152 53.2 43.8 65.8



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: 20.74 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

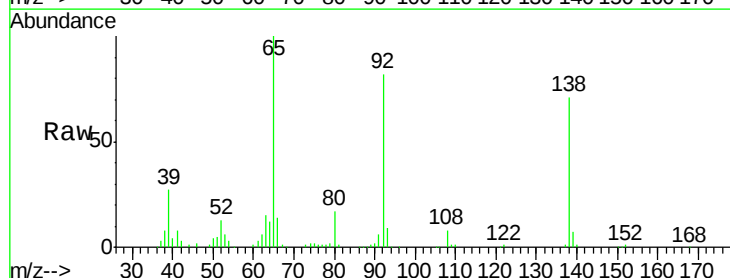
Tgt Ion:138 Resp: 125038

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

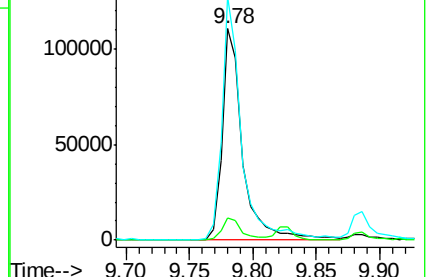
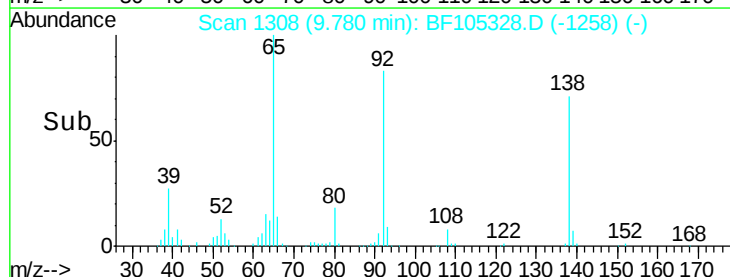
92 115.3 89.4 134.2

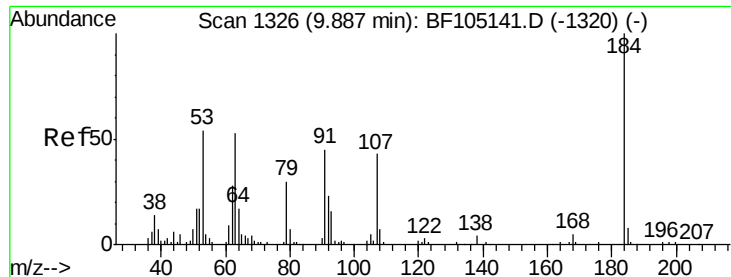


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

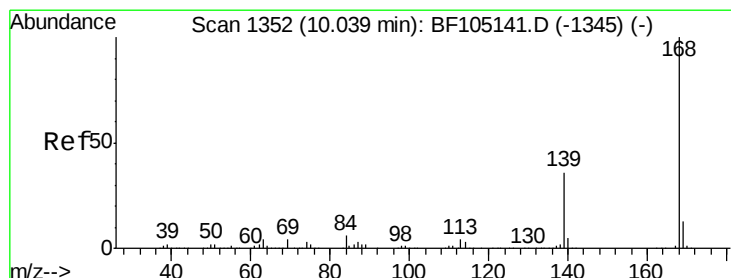
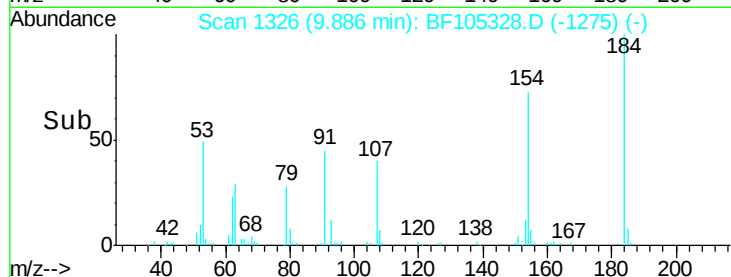
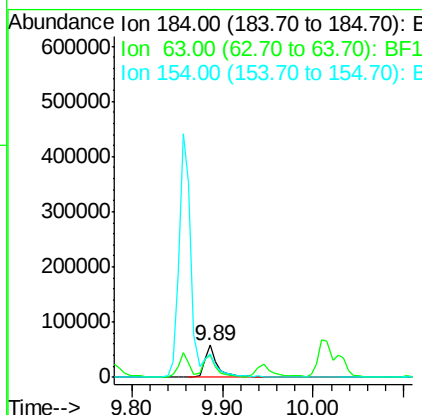
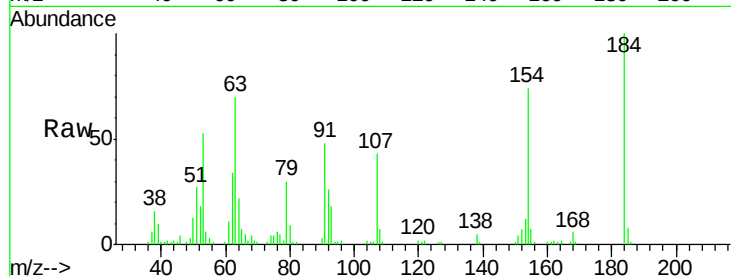




#53
2,4-Dinitrophenol
Concen: 19.23 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

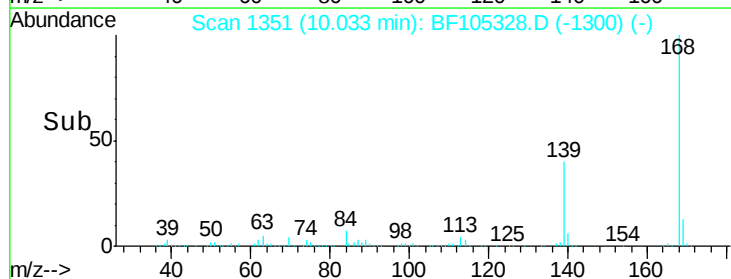
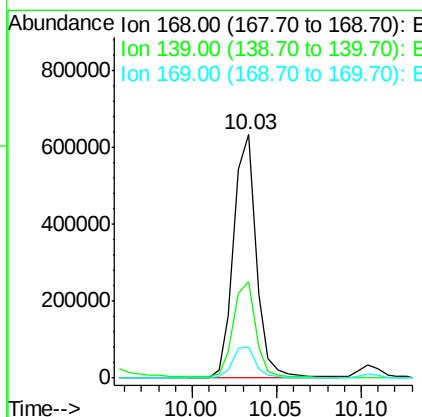
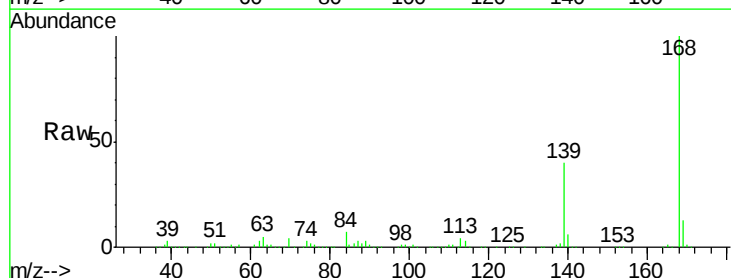
Instrument :
BNA_F
ClientSampled :

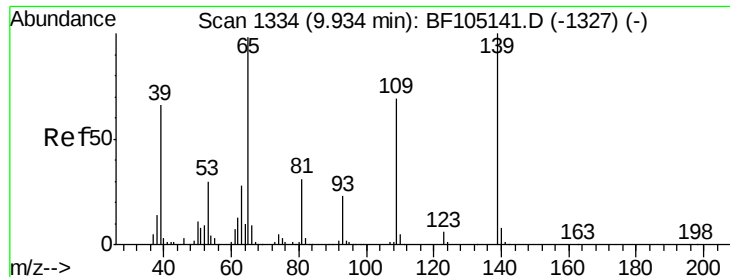
Tot Ion:184 Resp: 59133
Ion Ratio Lower Upper
184 100
63 69.7 54.2 81.2
154 73.9 184.0 276.0#



#54
Dibenzofuran
Concen: 21.11 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:168 Resp: 593823
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 12.8 10.9 16.3

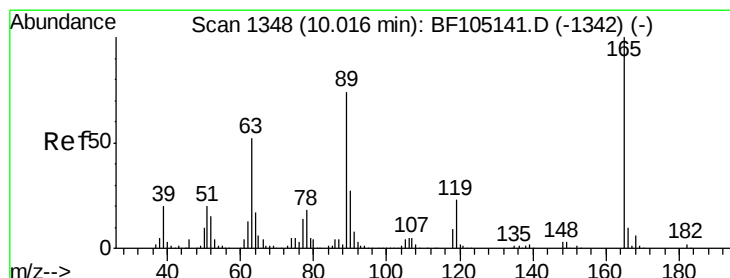
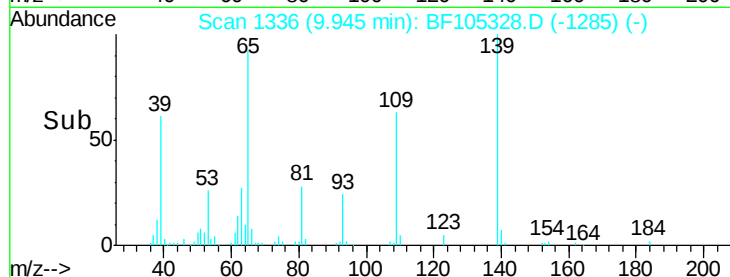
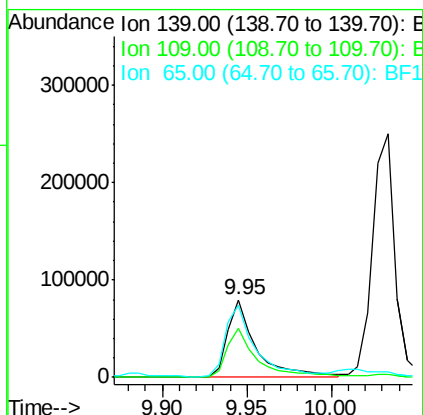
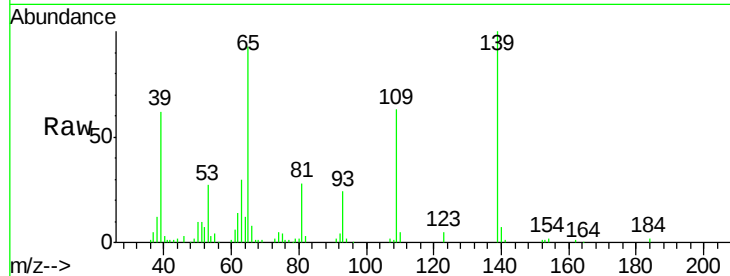




#55
4-Nitrophenol
Concen: 19.05 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

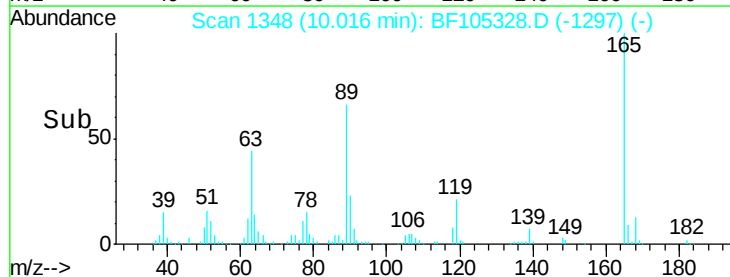
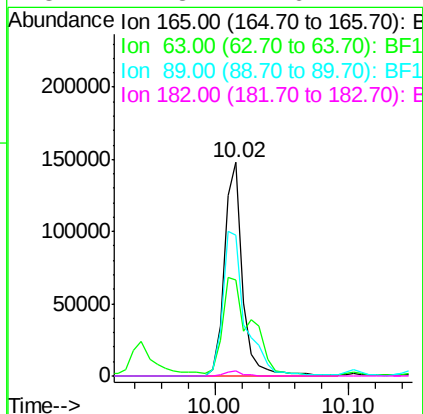
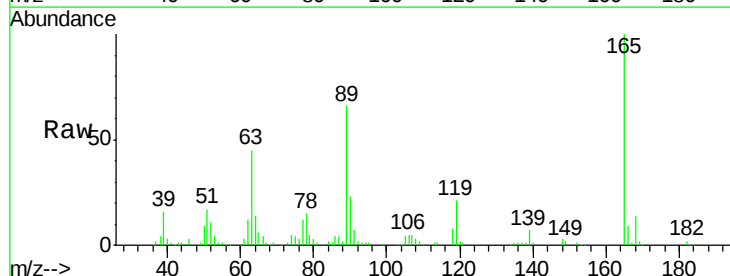
Instrument :
BNA_F
ClientSampleId :

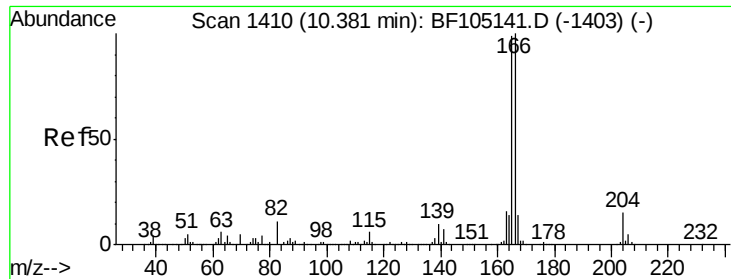
Tot Ion:139 Resp: 93930
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 92.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 20.94 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:165 Resp: 142517
Ion Ratio Lower Upper
165 100
63 44.8 36.4 54.6
89 66.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 21.65 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

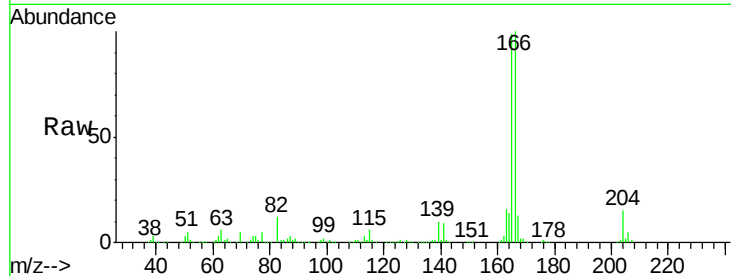
Tot Ion:166 Resp: 460738

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

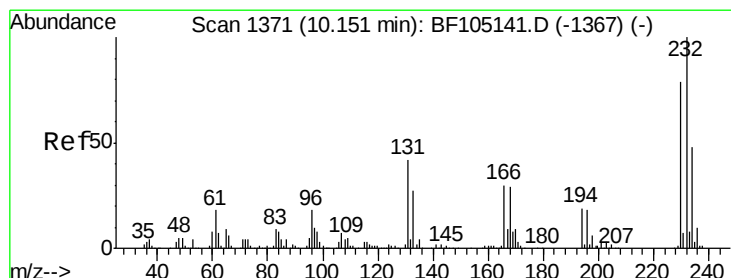
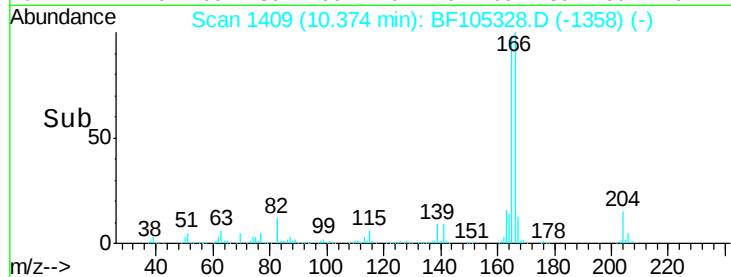
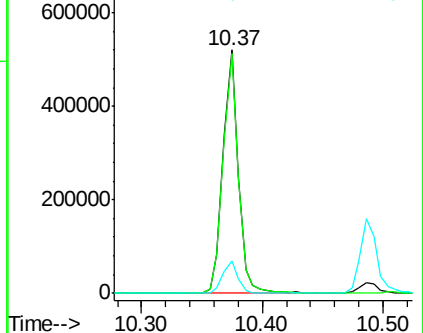
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.24 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Tgt Ion:232 Resp: 114743

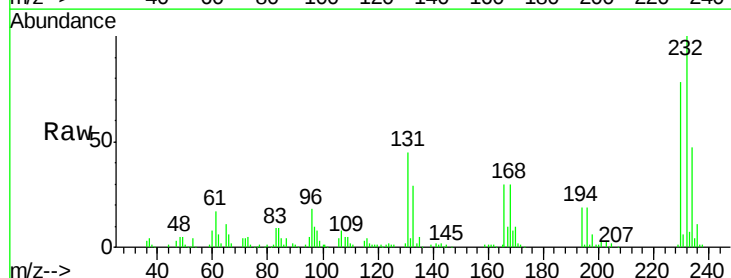
Ion Ratio Lower Upper

232 100

131 51.9 43.8 65.8

130 2.6 2.1 3.1

166 34.4 27.8 41.6

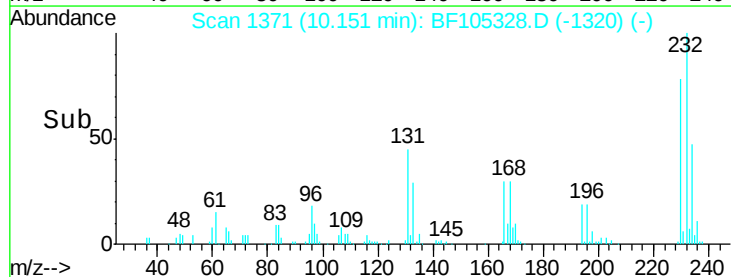
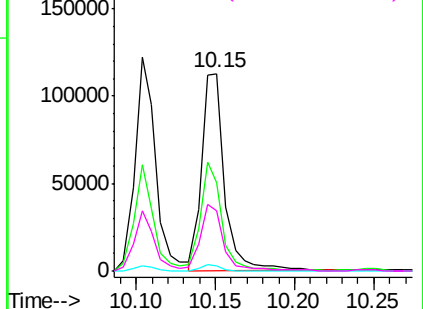


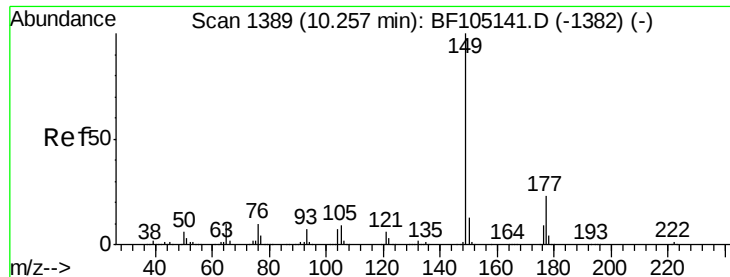
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 20.69 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

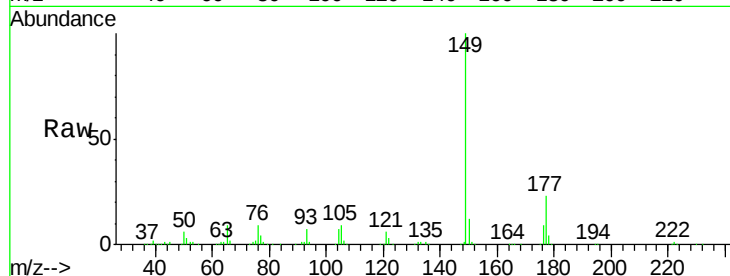
Tot Ion:149 Resp: 490505

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

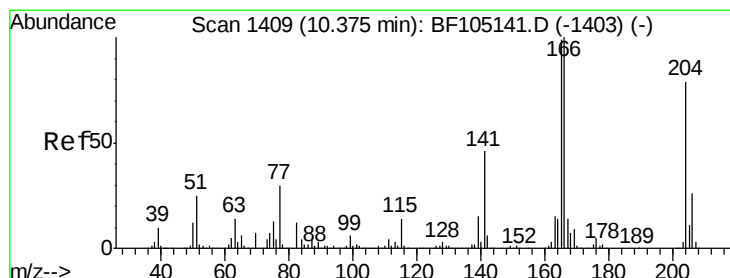
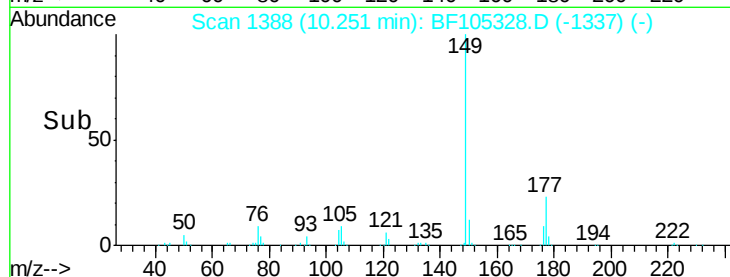
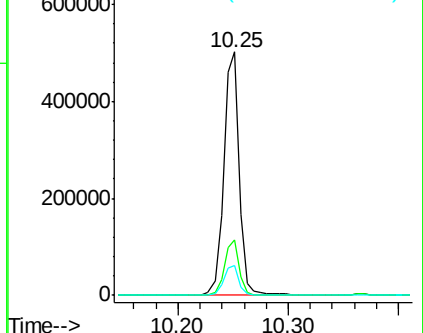
150 12.4 10.1 15.1



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: 20.97 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

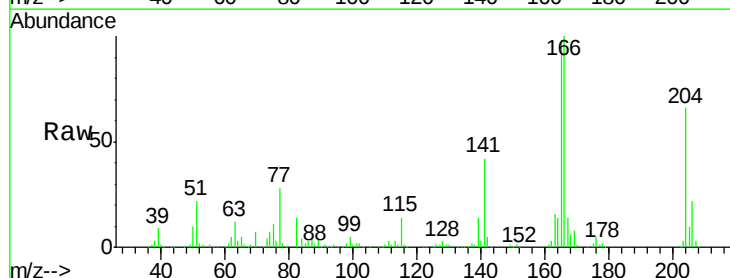
Tgt Ion:204 Resp: 206697

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

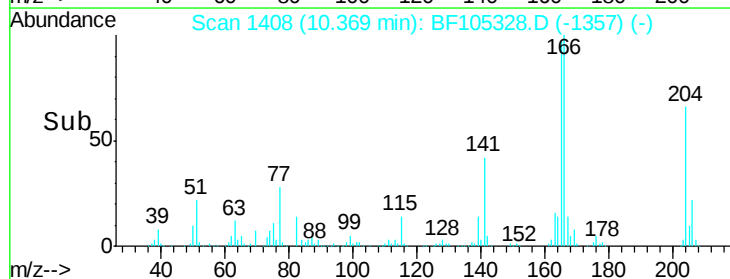
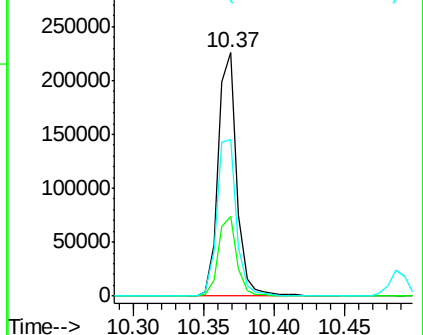
141 64.1 54.6 81.8

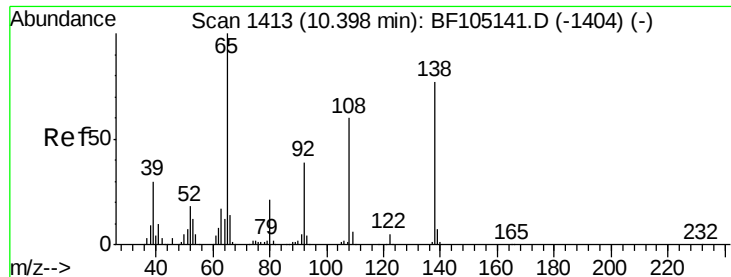


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

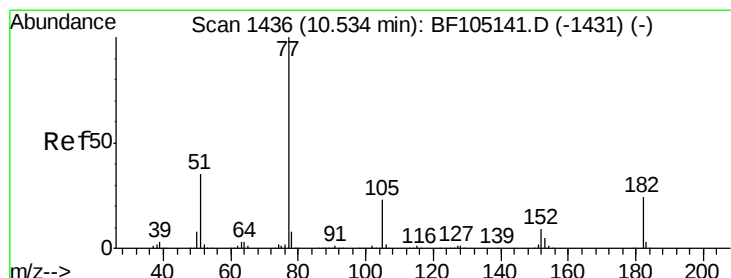
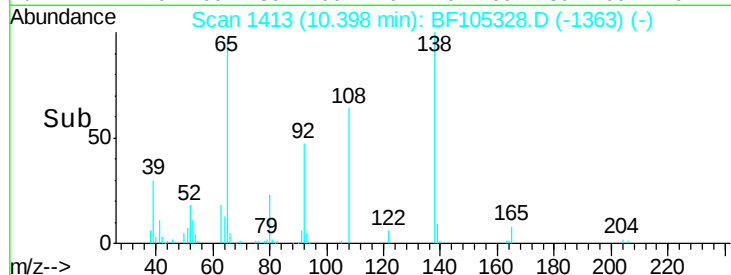
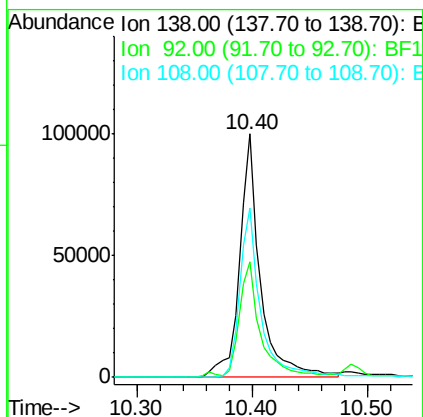
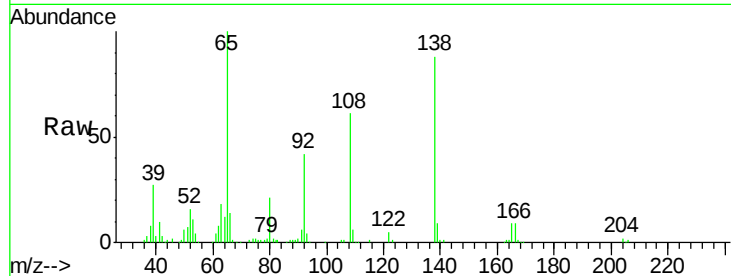




#61
4-Nitroaniline
Concen: 20.79 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

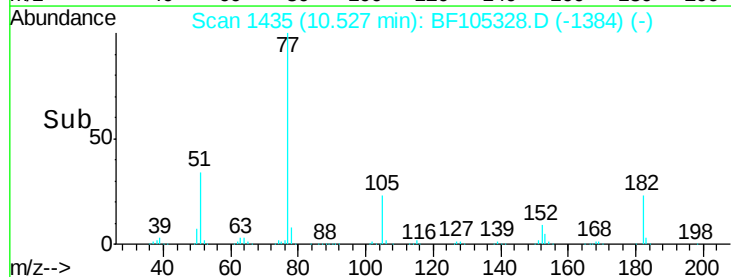
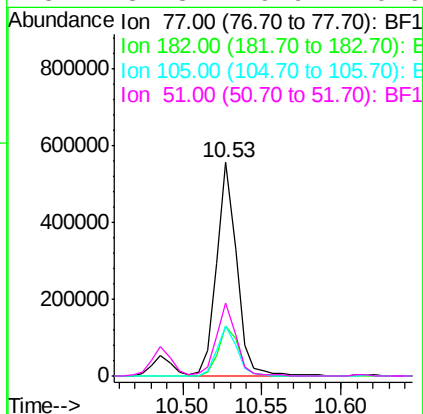
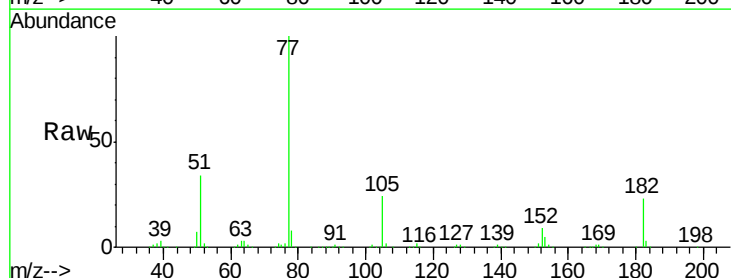
Instrument :
BNA_F
ClientSampled :

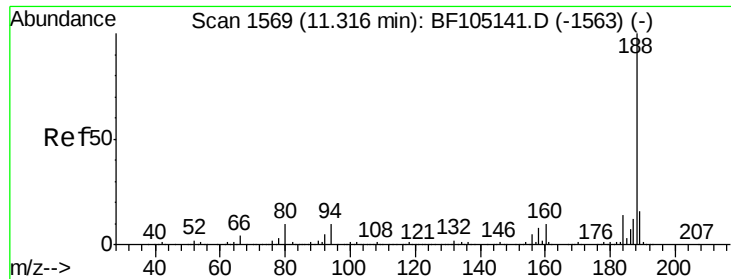
Tot Ion:138 Resp: 125325
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 69.4 52.5 92.5



#62
Azobenzene
Concen: 20.89 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion: 77 Resp: 484761
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 23.5 3.0 43.0
51 34.3 9.9 49.9

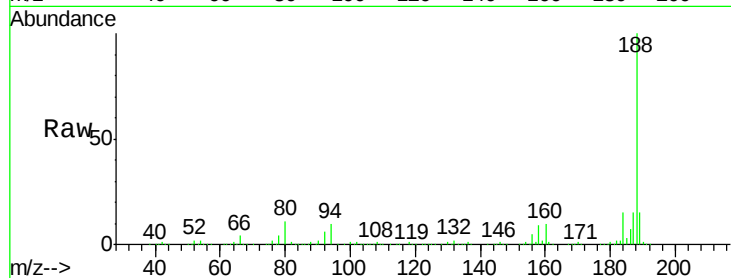




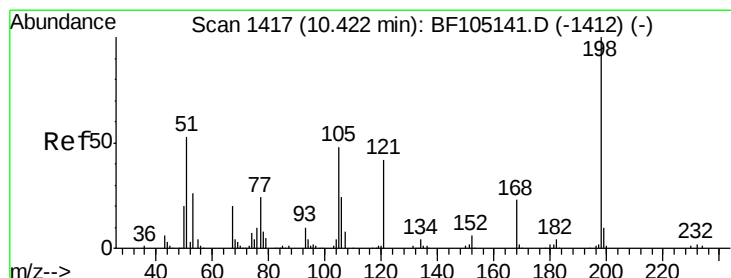
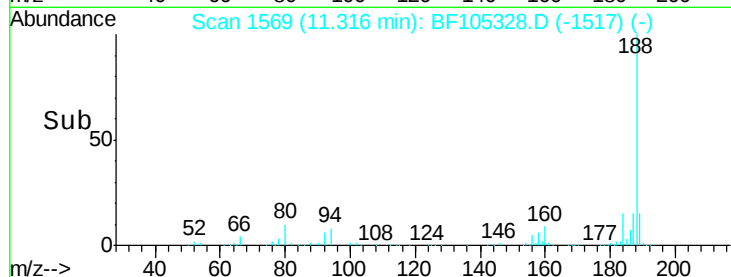
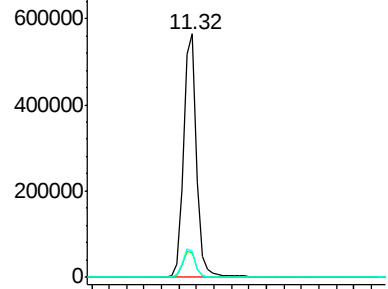
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 582134
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8

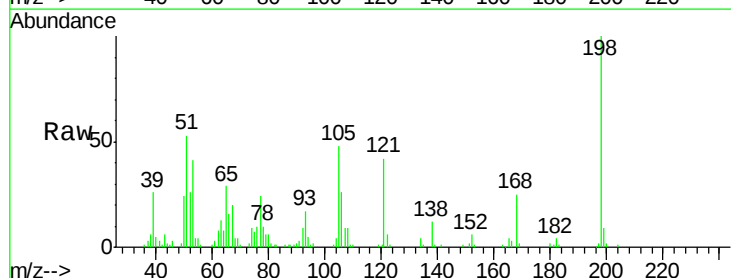


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

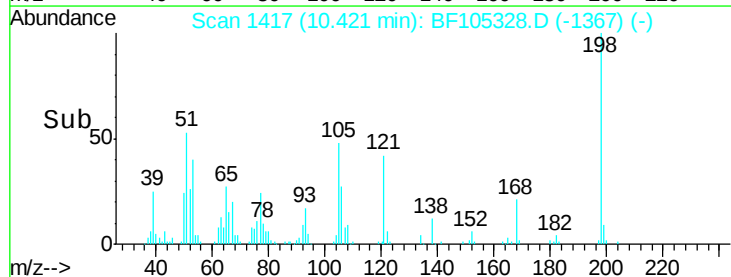
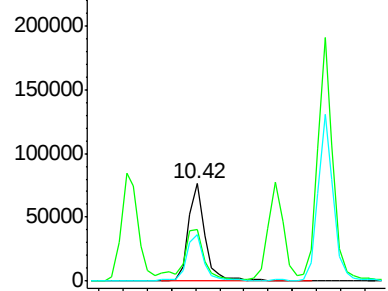


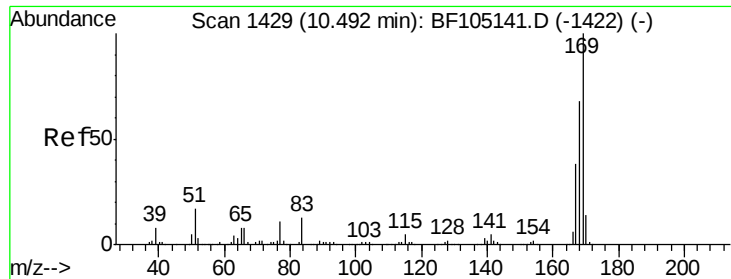
#64
4,6-Dinitro-2-methylphenol
Concen: 20.72 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:198 Resp: 72317
Ion Ratio Lower Upper
198 100
51 53.3 37.7 77.7
105 48.2 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 21.13 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampled :

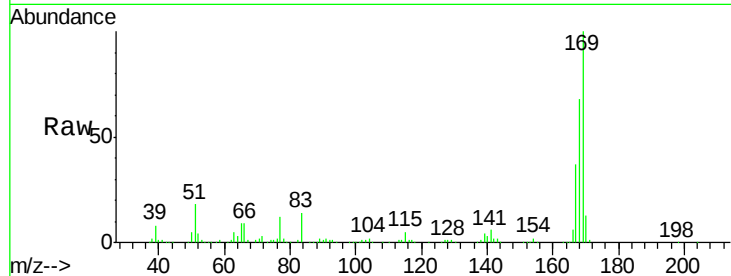
Tot Ion:169 Resp: 412516

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

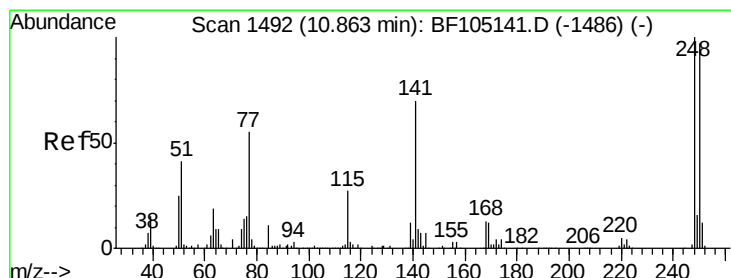
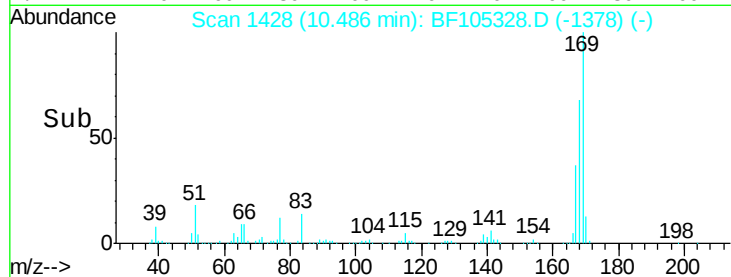
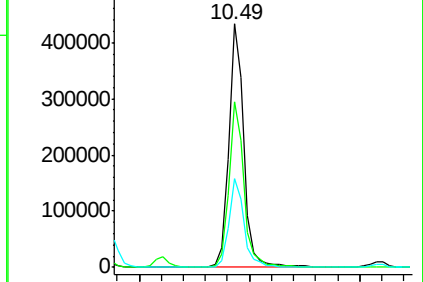
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.45 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

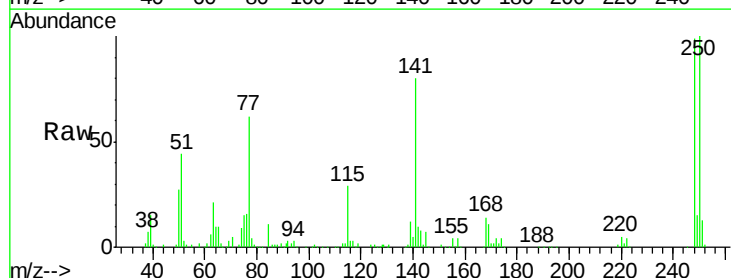
Tgt Ion:248 Resp: 132427

Ion Ratio Lower Upper

248 100

250 100.9 76.9 115.3

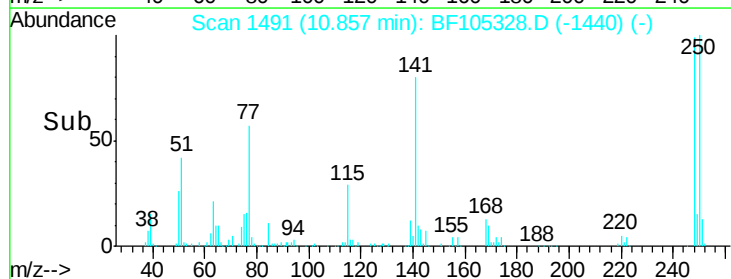
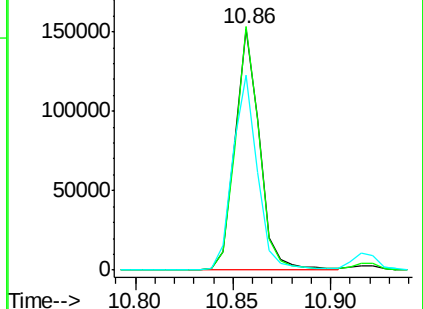
141 81.0 74.4 111.6

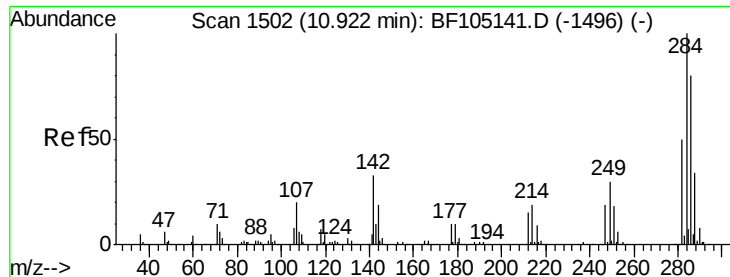


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

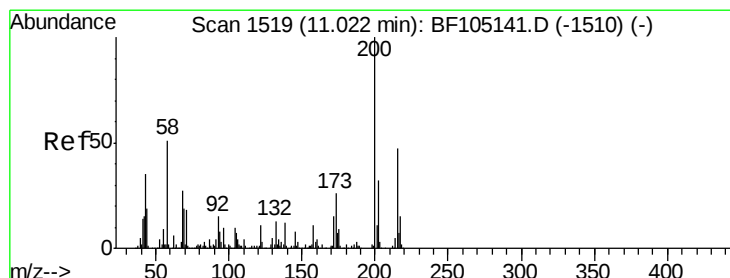
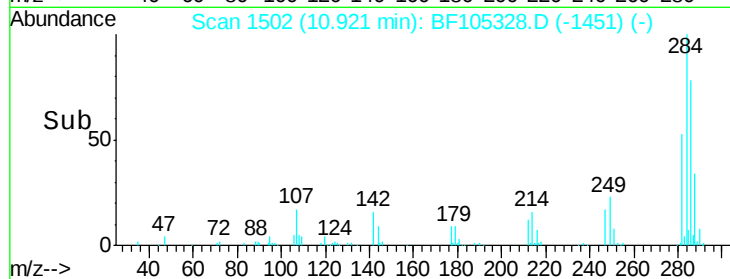
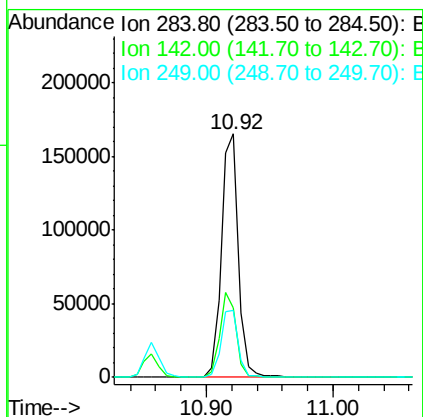
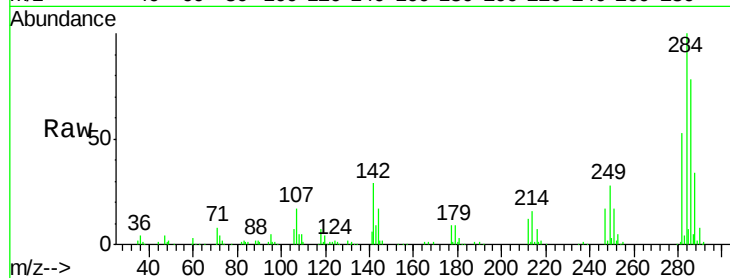




#67
Hexachlorobenzene
Concen: 20.87 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

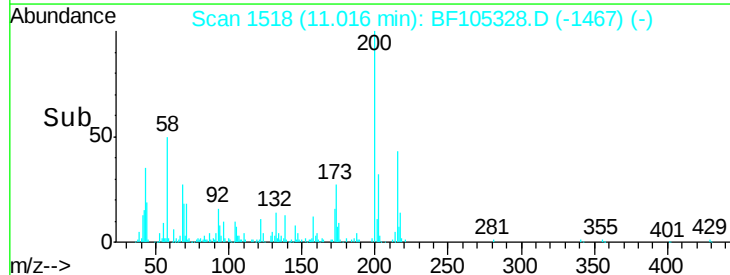
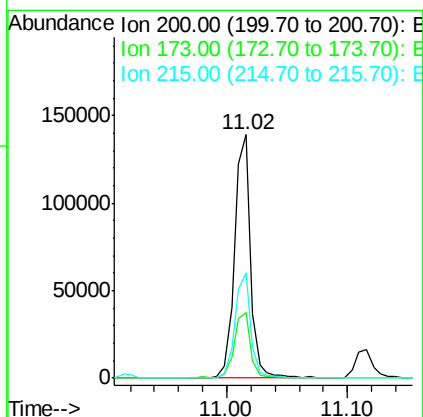
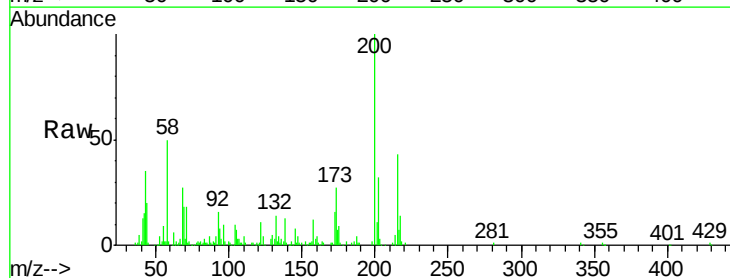
Instrument :
BNA_F
ClientSampleId :

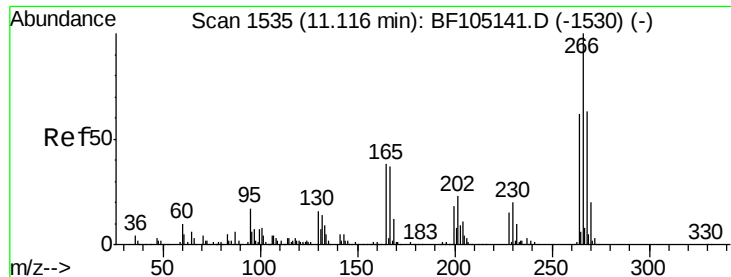
Tot Ion:284 Resp: 154482
Ion Ratio Lower Upper
284 100
142 28.6 34.6 52.0#
249 27.7 24.8 37.2



#68
Atrazine
Concen: 20.86 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:200 Resp: 129429
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 43.2 25.1 65.1

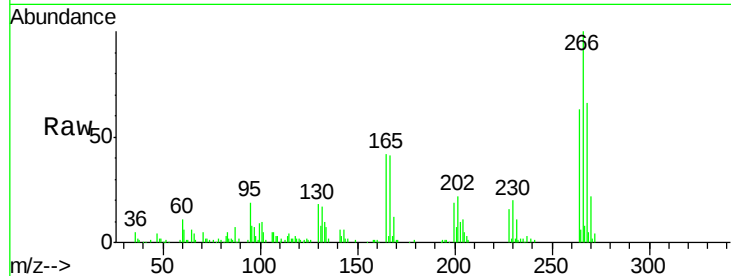




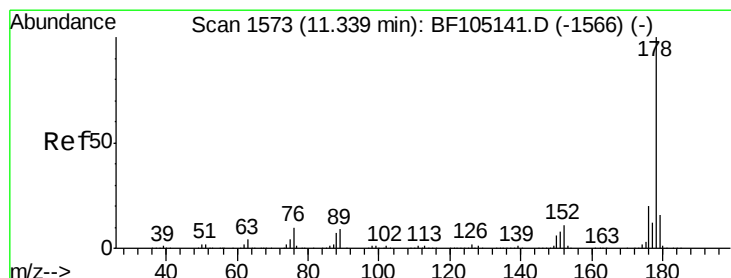
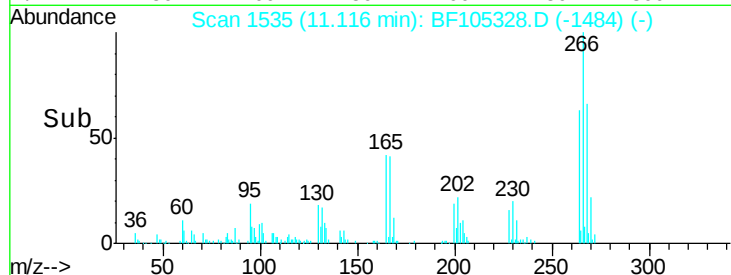
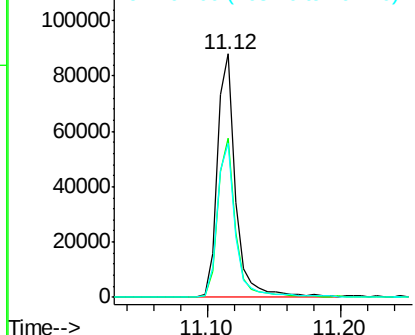
#69
 Pentachlorophenol
 Concen: 19.13 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 85420
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 63.4 49.5 74.3

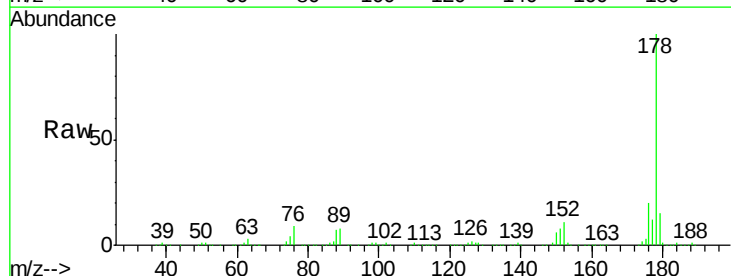


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

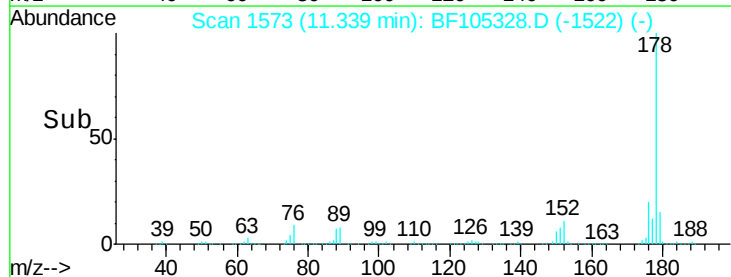
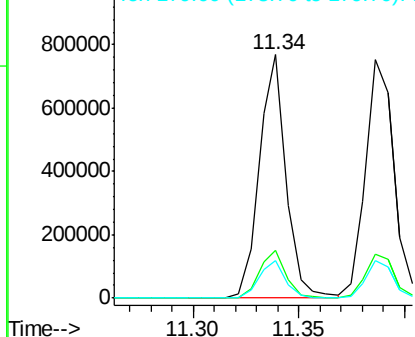


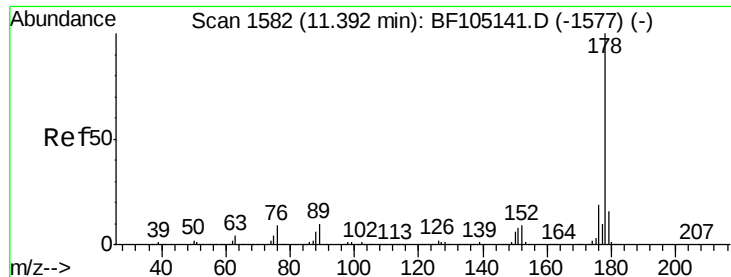
#70
 Phenanthrene
 Concen: 20.64 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion:178 Resp: 677178
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 21.61 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

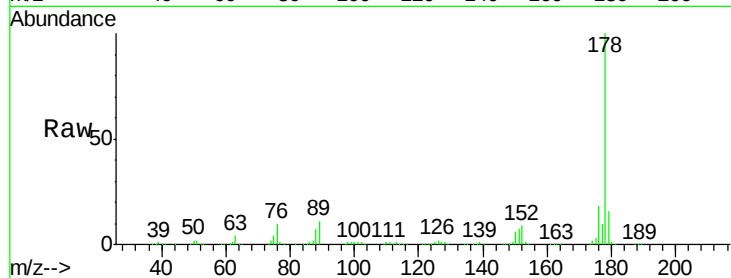
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 733794

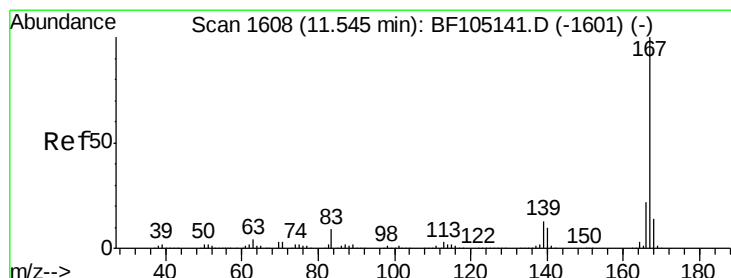
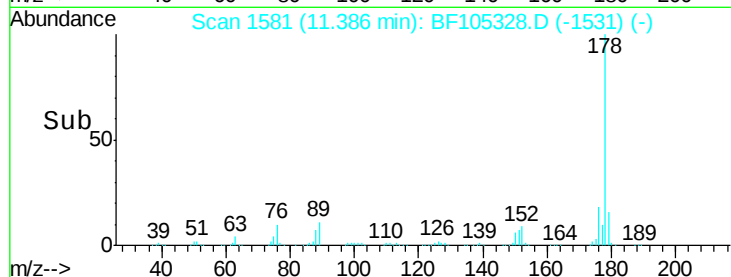
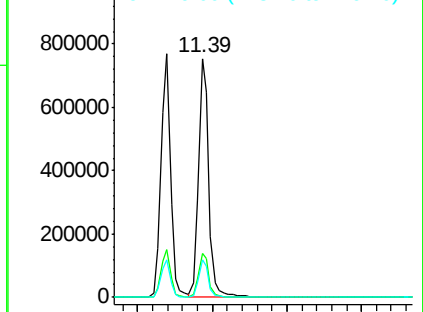
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.8	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 21.58 ng

RT: 11.54 min Scan# 1608

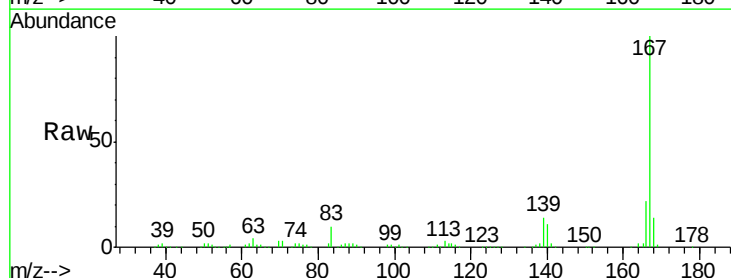
Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Tgt Ion:167 Resp: 641458

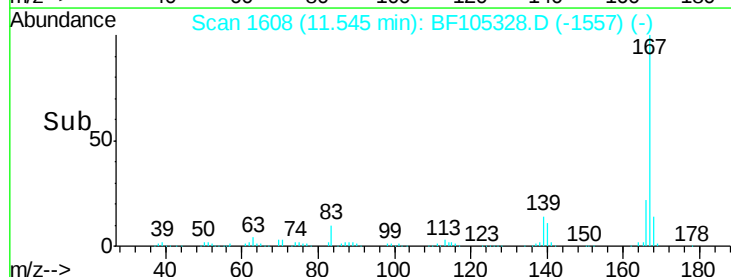
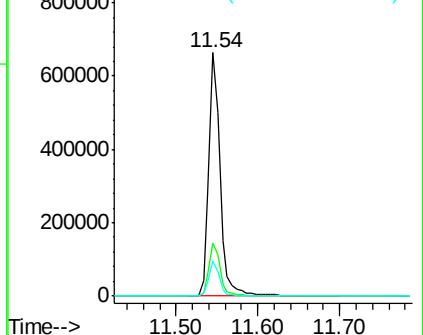
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.1	10.9	16.3

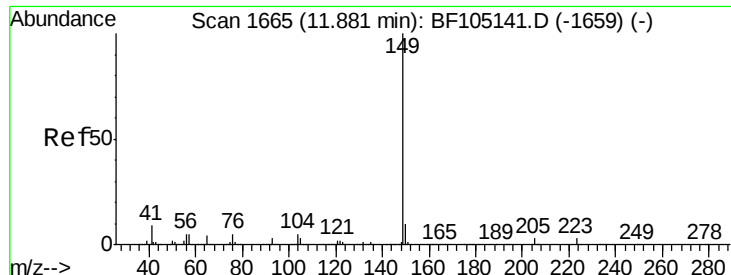


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

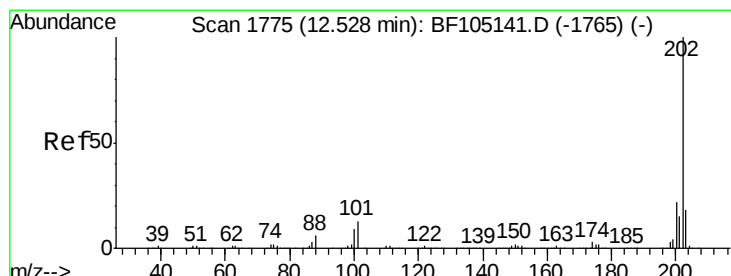
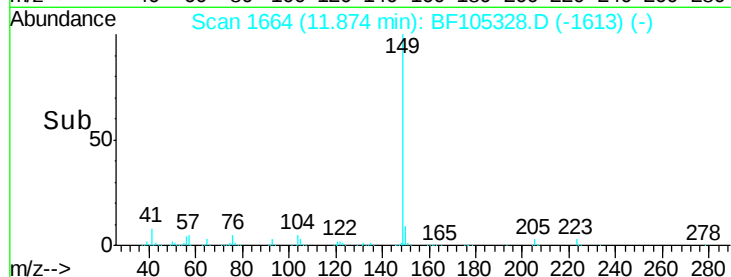
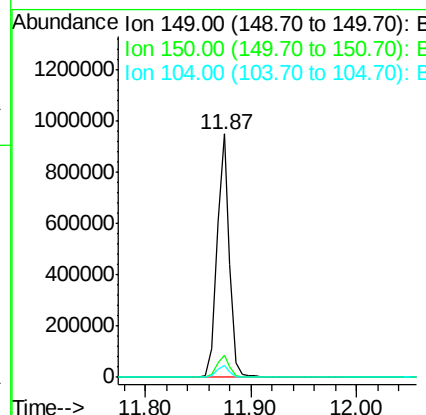
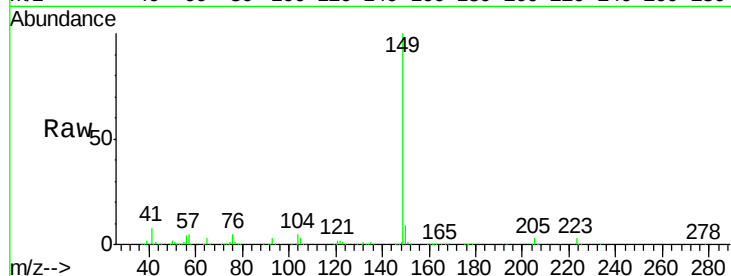




#73
Di-n-butylphthalate
Concen: 21.22 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

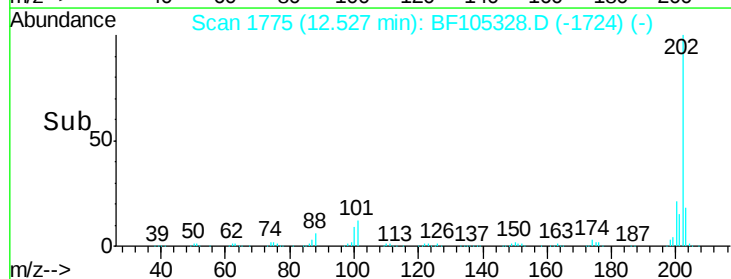
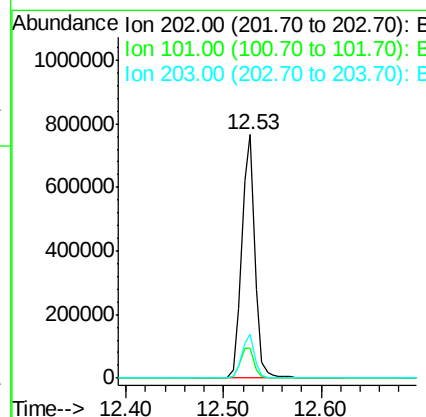
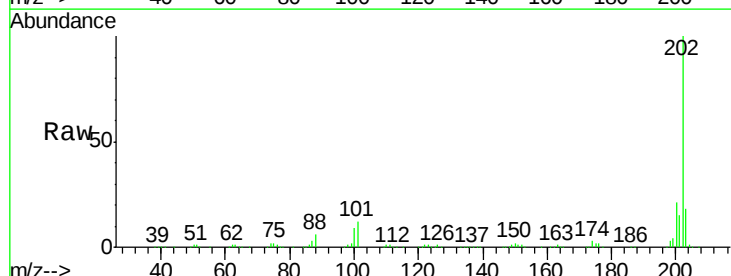
Instrument :
BNA_F
ClientSampleId :

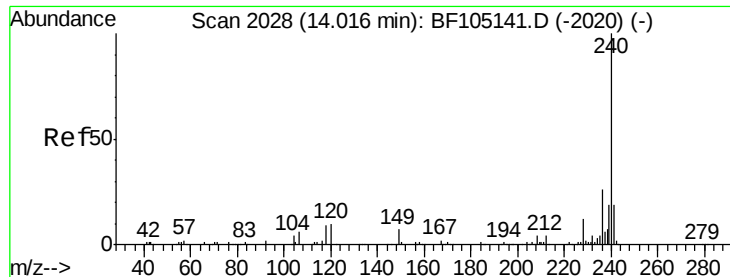
Tot Ion:149 Resp: 778746
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 21.96 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:202 Resp: 716140
Ion Ratio Lower Upper
202 100
101 12.3 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

Instrument :

BNA_F

ClientSampleId :

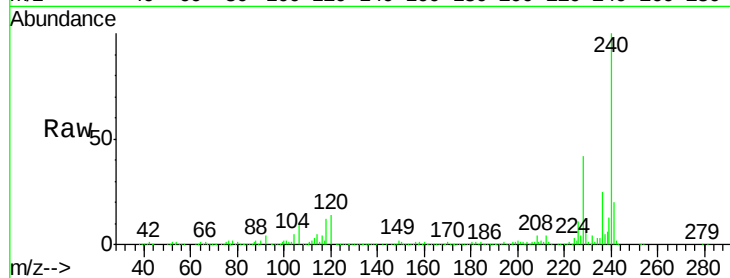
Tot Ion:240 Resp: 519490

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

236 24.6 20.7 31.1

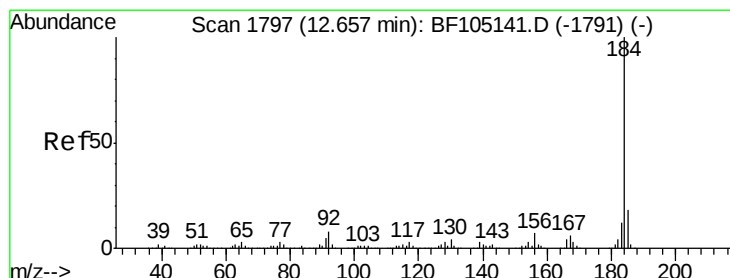
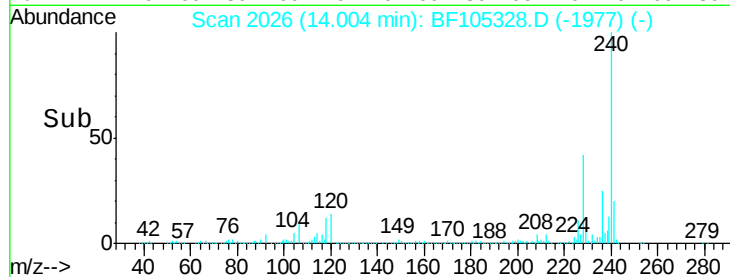
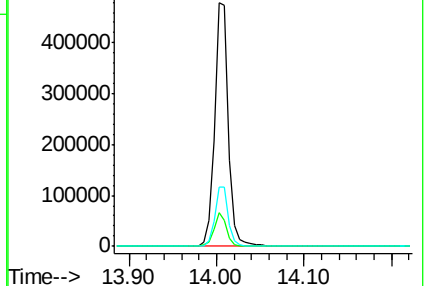


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.00



#76

Benzidine

Concen: 19.23 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF105328.D

Acq: 12 May 2018 11:06

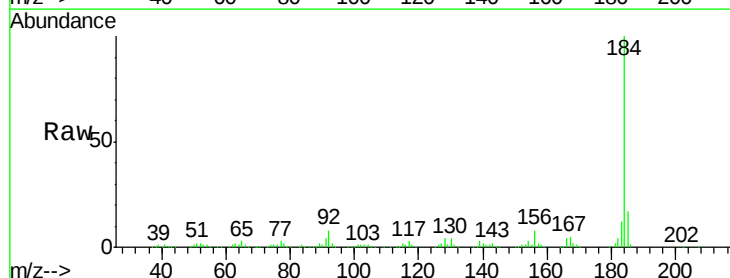
Tgt Ion:184 Resp: 401892

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

183 11.9 9.3 13.9

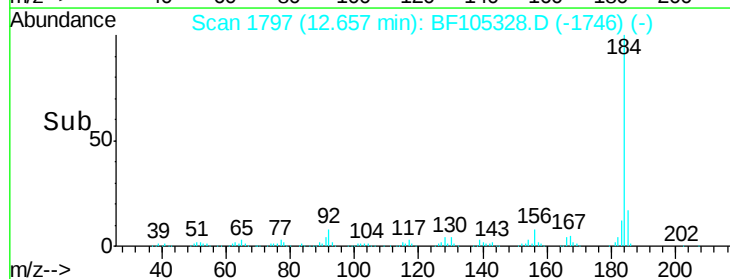
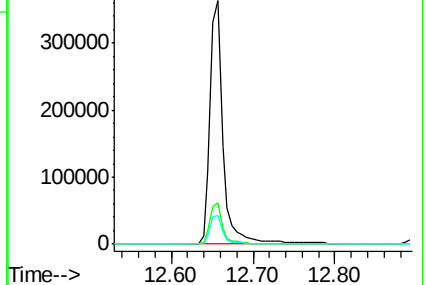


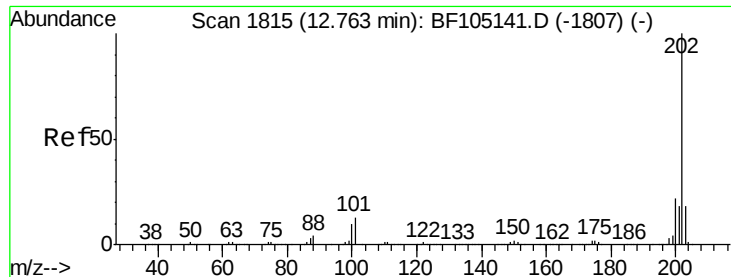
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

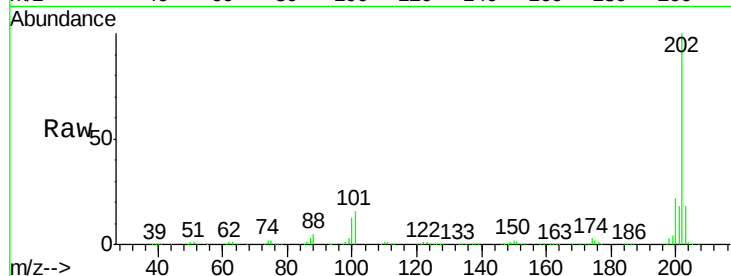




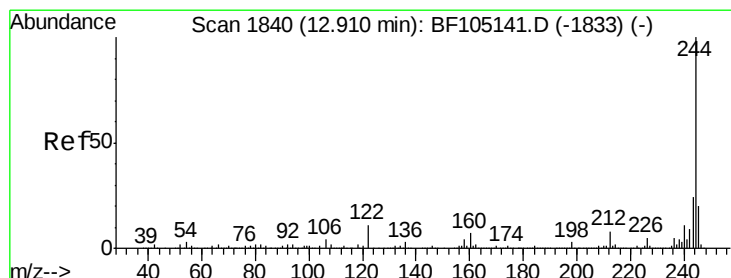
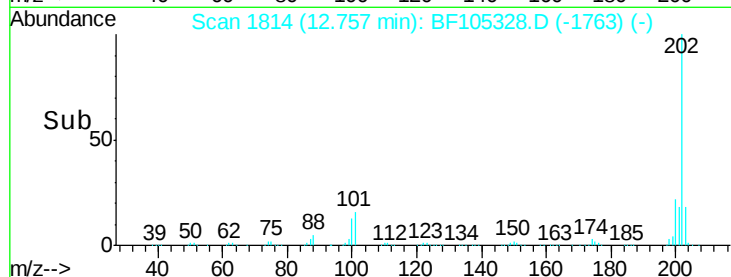
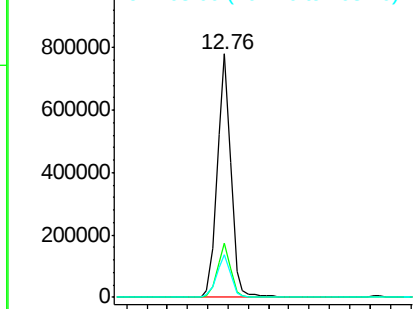
#77
Pvrene
Concen: 18.24 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.5	14.3	21.5

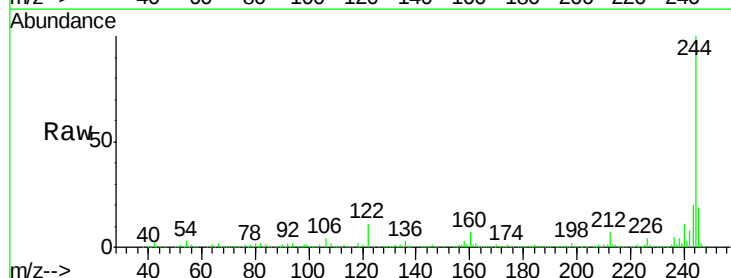


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

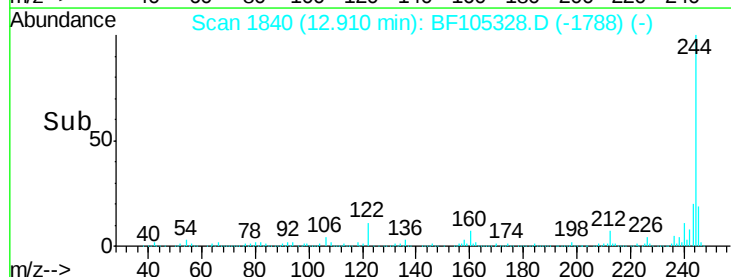
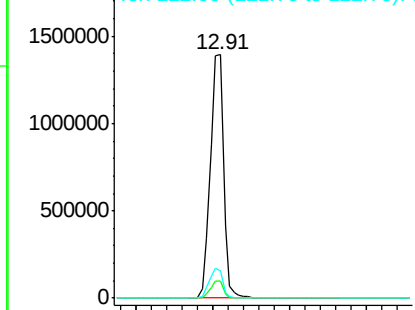


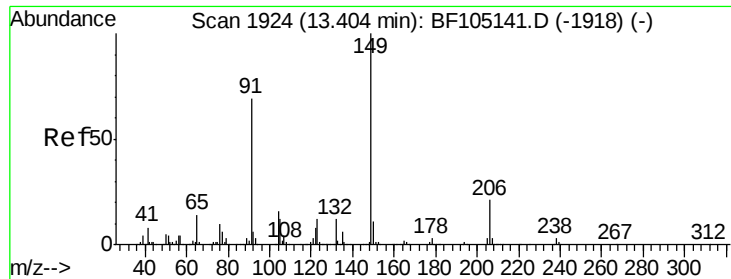
#78
Terphenyl-d14
Concen: 67.86 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

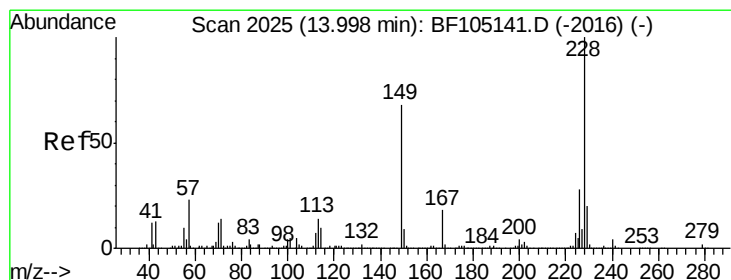
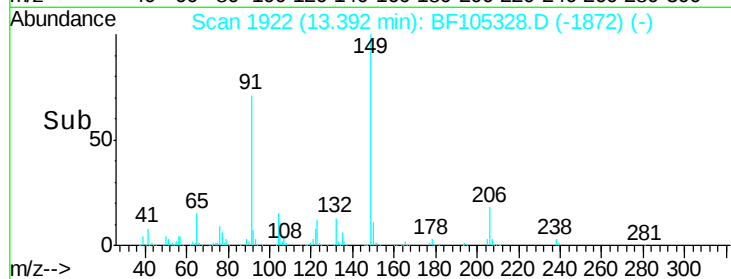
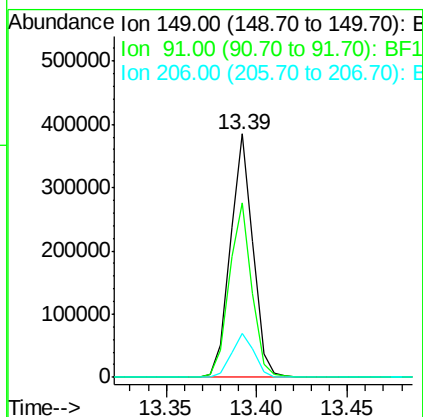
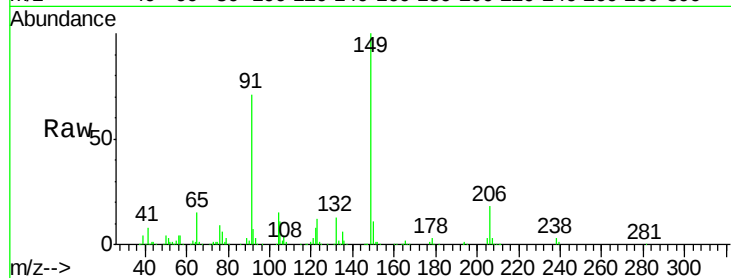




#79
Butylbenzylphthalate
Concen: 18.90 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

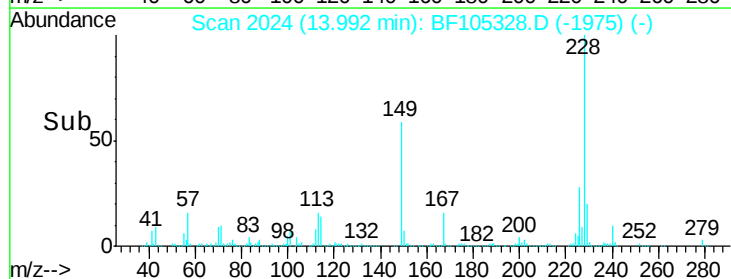
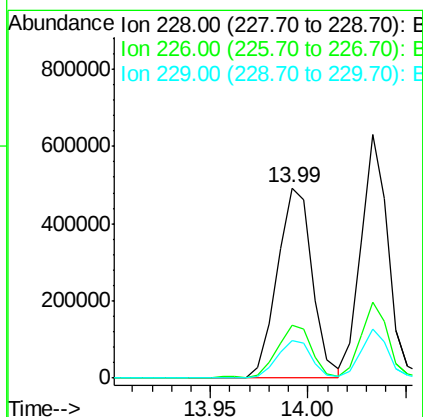
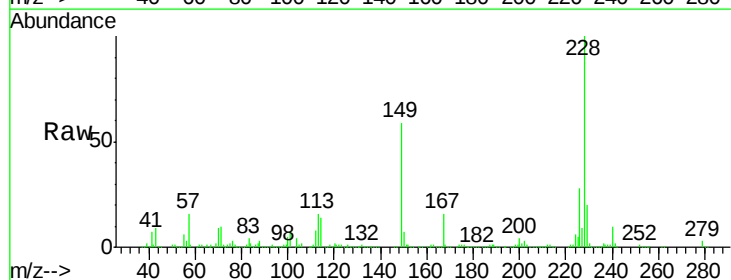
Instrument :
BNA_F
ClientSampled :

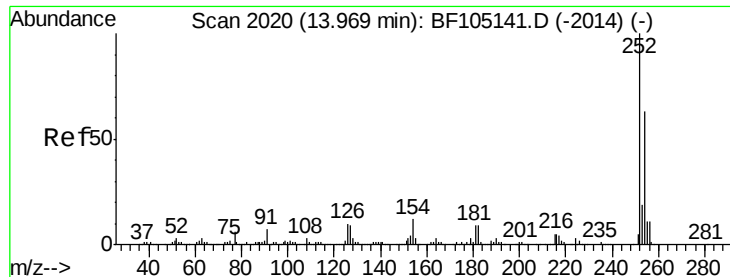
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.8	85.2
206	17.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 20.15 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6

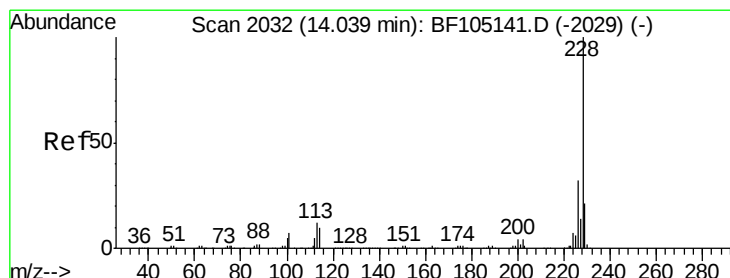
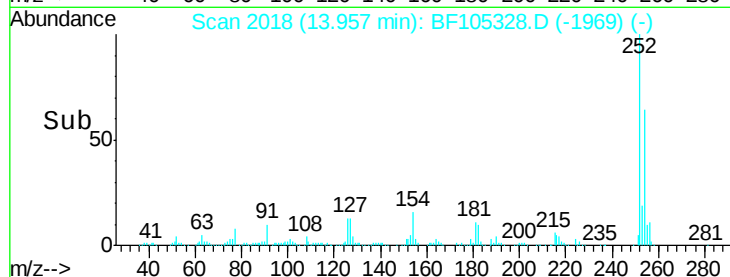
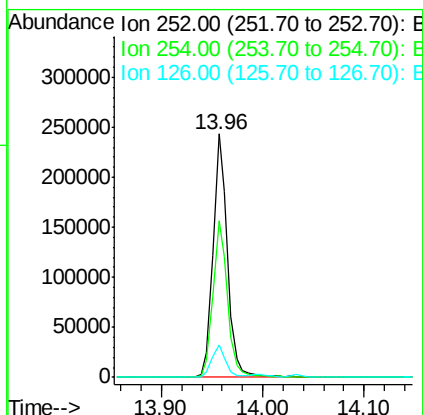
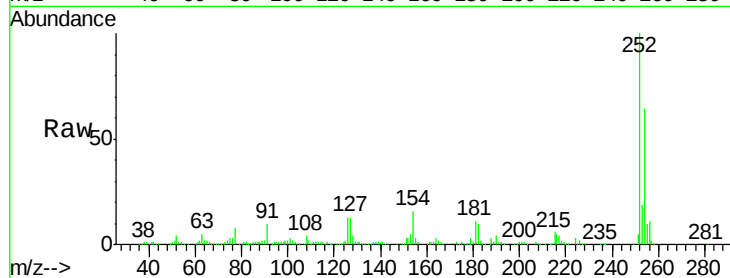




#81
 3,3'-Dichlorobenzidine
 Concen: 20.71 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

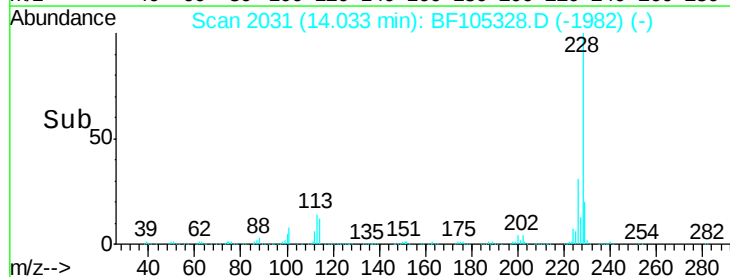
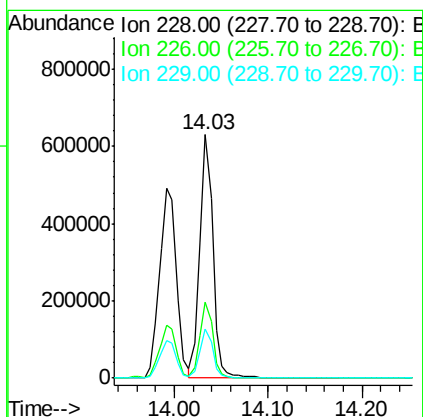
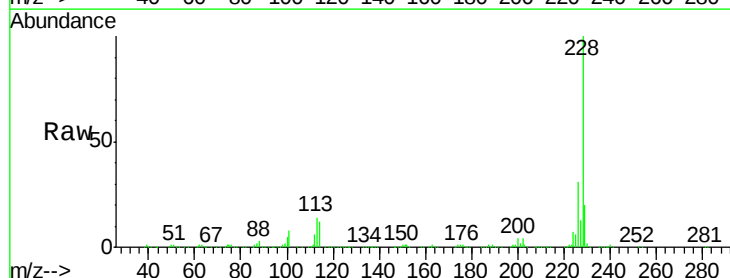
Instrument :
 BNA_F
 ClientSampleId :

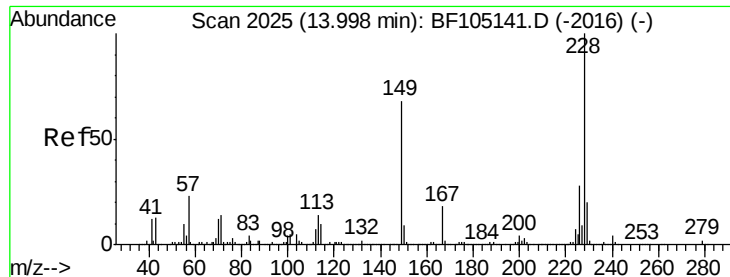
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 20.60 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.0	16.2	24.4

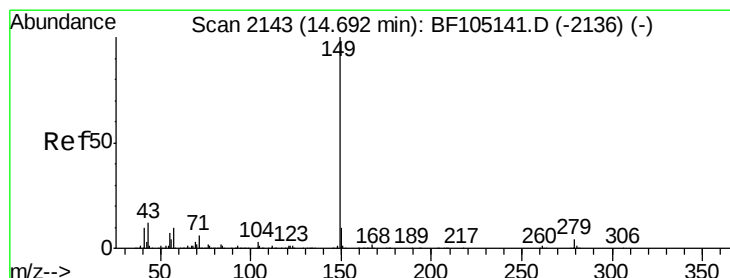
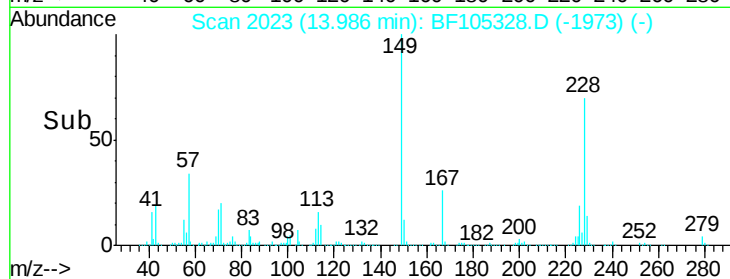
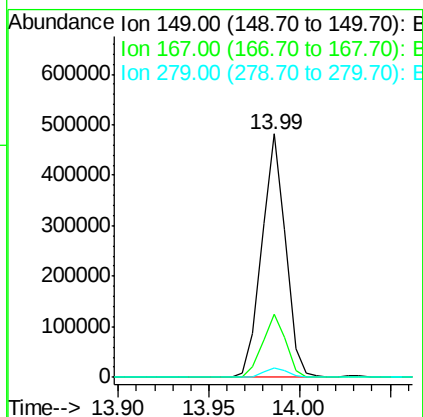
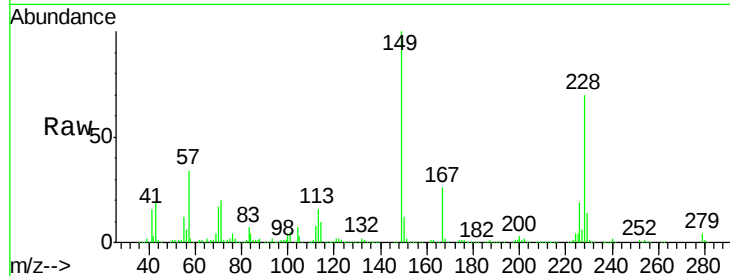




#83
Bis(2-ethylhexyl)phthalate
Concen: 20.56 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

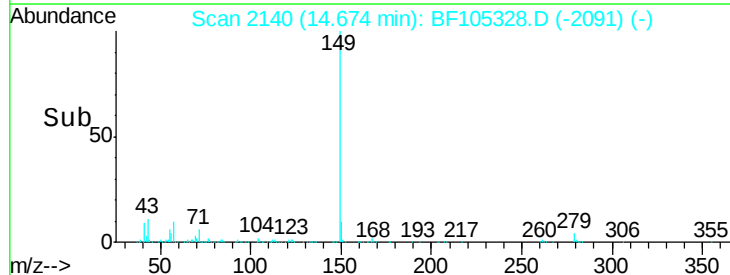
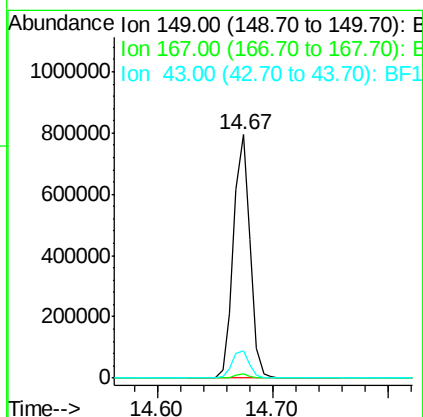
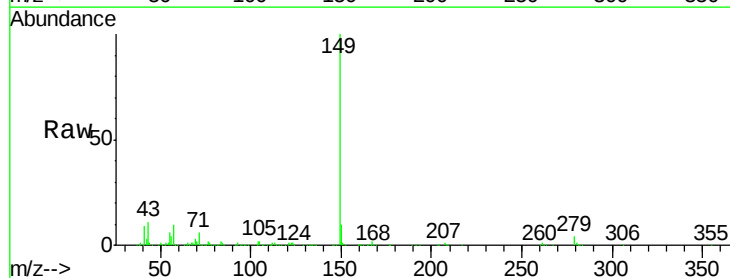
Instrument :
BNA_F
ClientSampleId :

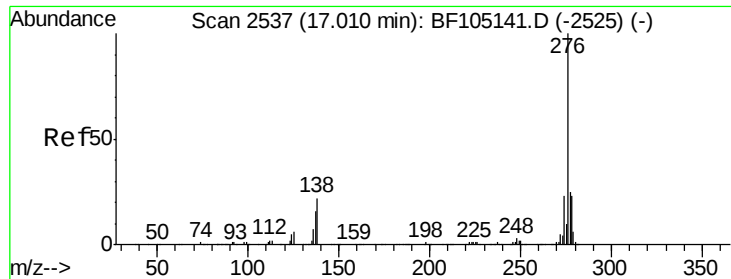
Tot Ion:149 Resp: 439714
Ion Ratio Lower Upper
149 100
167 25.7 21.3 31.9
279 3.6 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 22.45 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:149 Resp: 788503
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 8.4 12.6

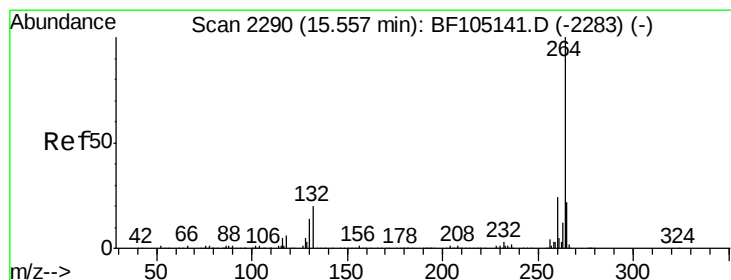
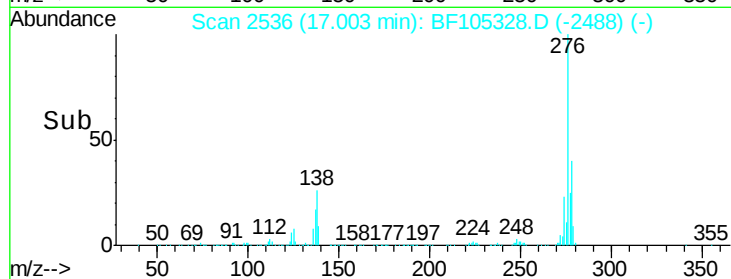
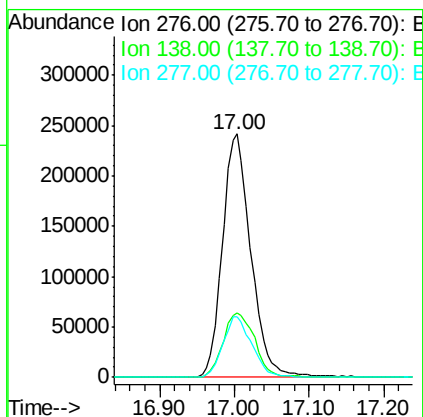
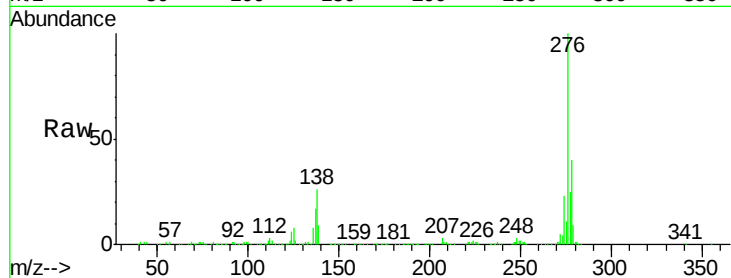




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.55 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

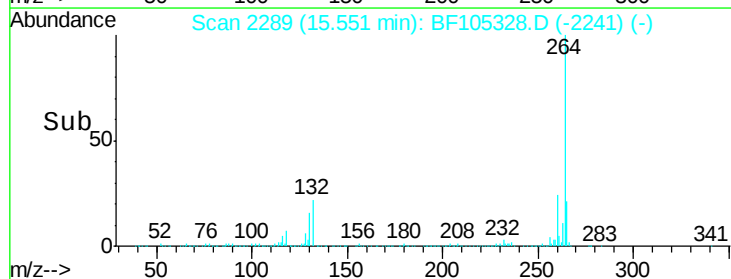
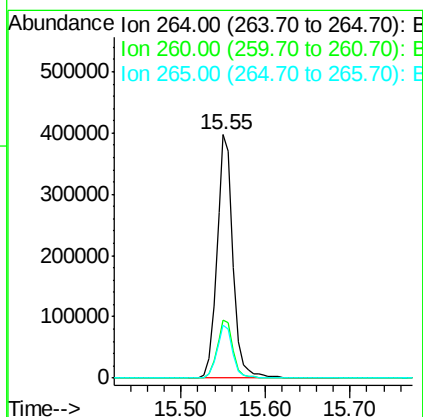
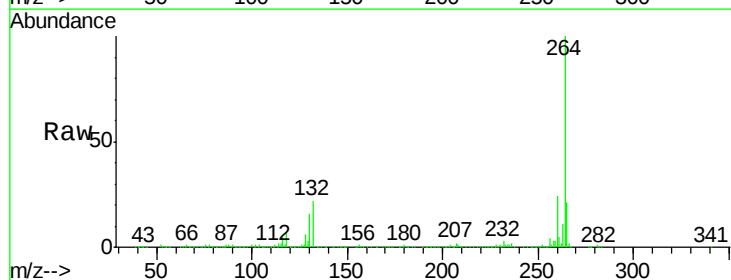
Instrument :
BNA_F
ClientSampleId :

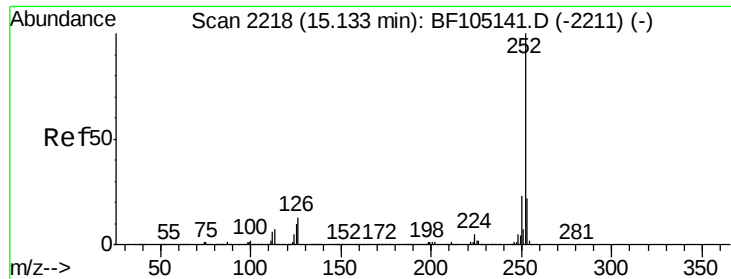
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	25.5	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

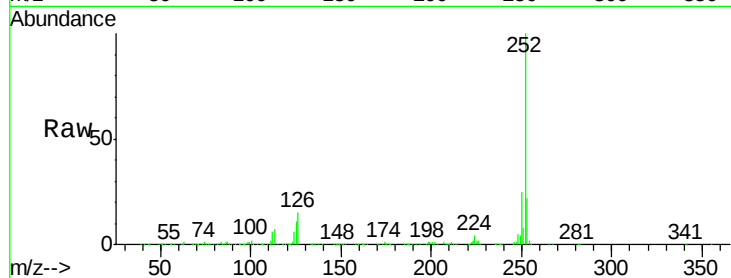




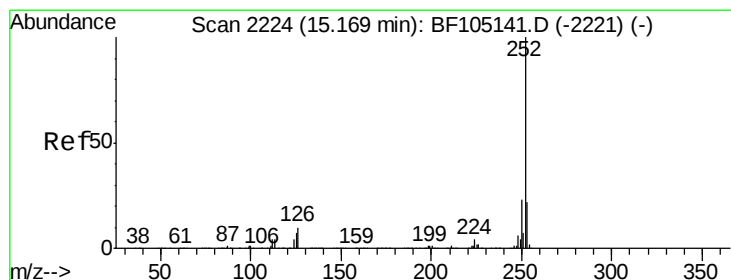
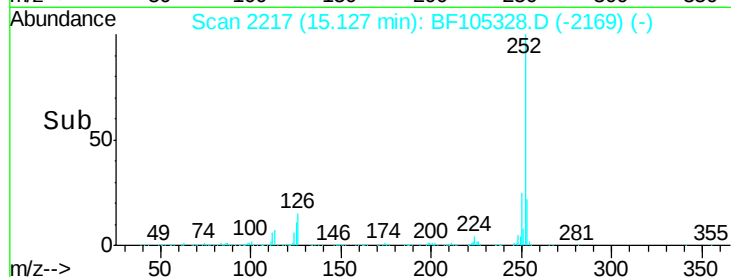
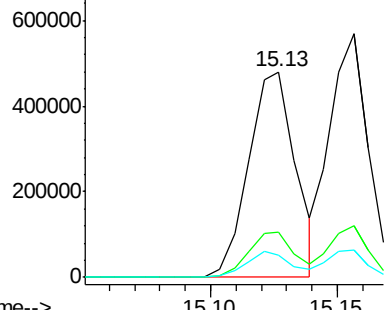
#87
Benzo(b)fluoranthene
Concen: 19.56 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 618583
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.7 9.0 13.6

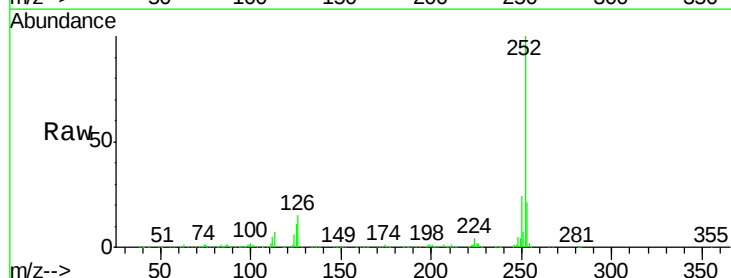


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

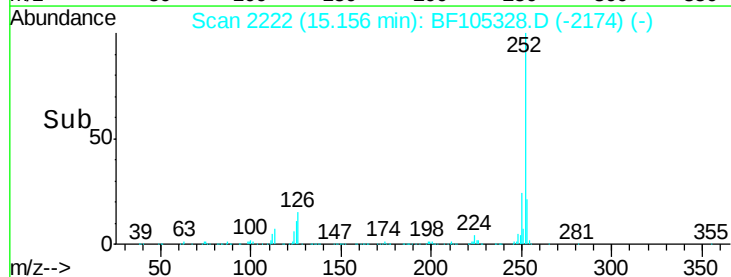
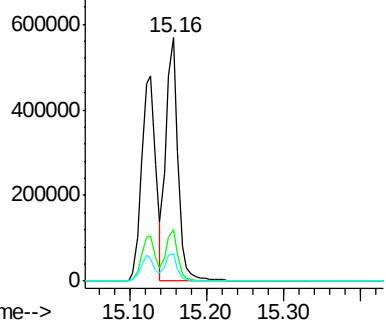


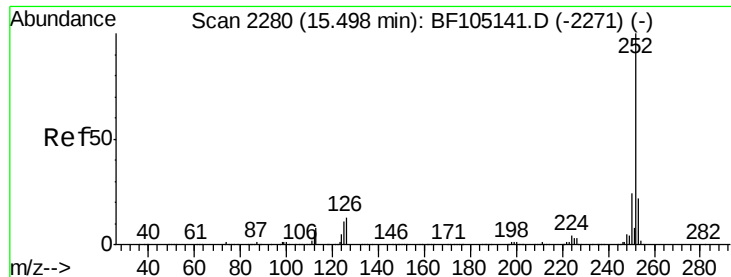
#88
Benzo(k)fluoranthene
Concen: 20.57 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:252 Resp: 629235
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 11.0 10.2 15.2



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

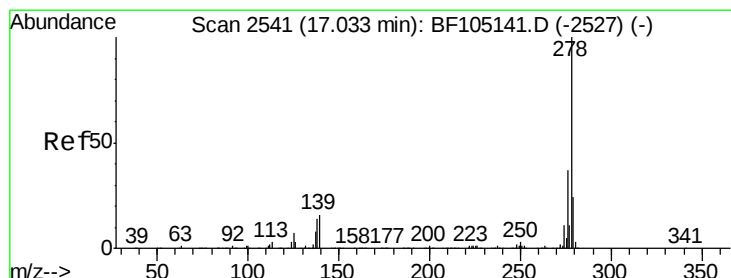
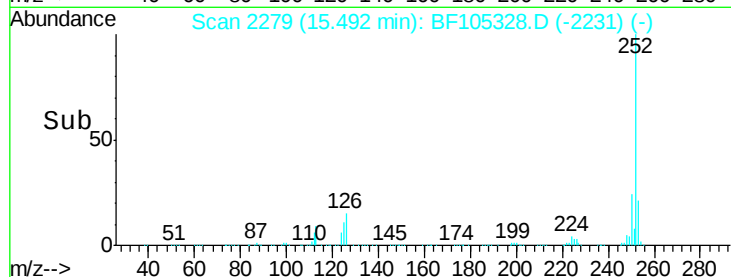
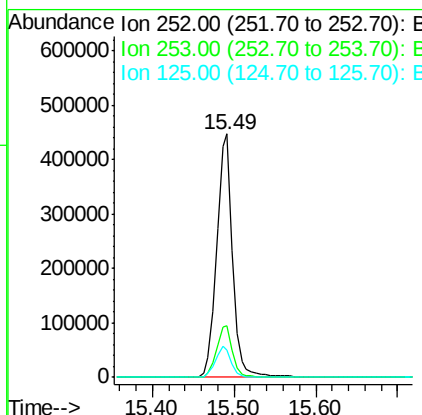
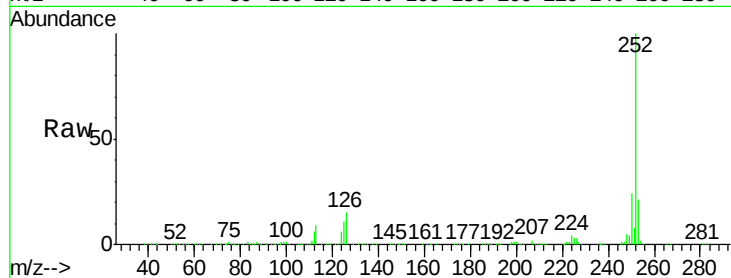




#89
Benzo(a)pyrene
Concen: 20.66 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

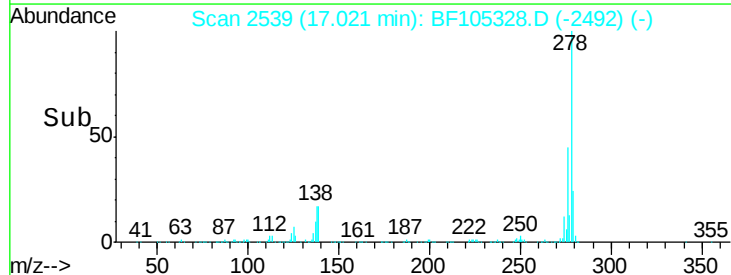
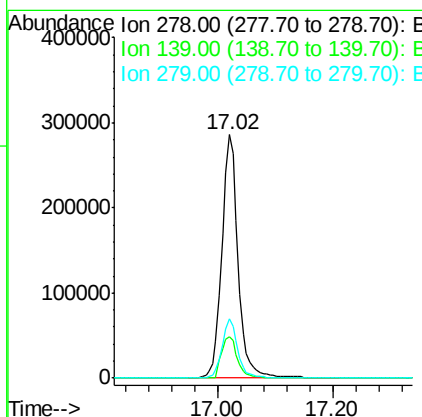
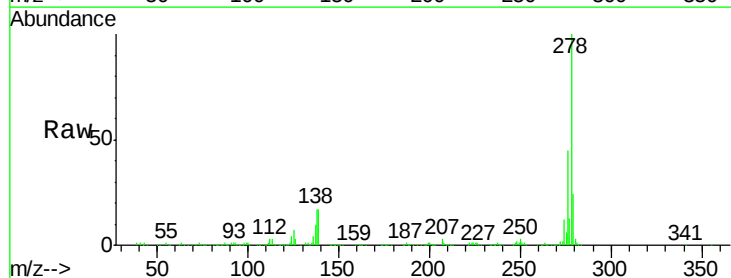
Instrument :
BNA_F
ClientSampleId :

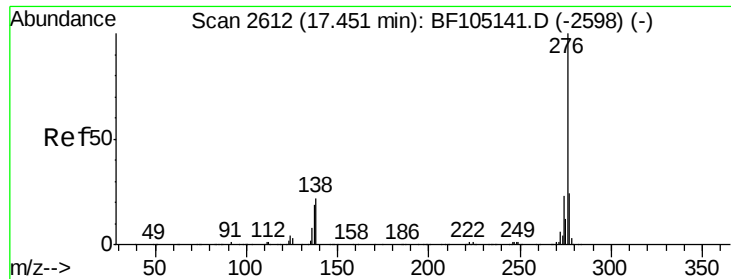
Tot Ion:252 Resp: 608450
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 11.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 20.29 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF105328.D
Acq: 12 May 2018 11:06

Tgt Ion:278 Resp: 560387
Ion Ratio Lower Upper
278 100
139 17.1 15.9 23.9
279 24.1 19.0 28.4

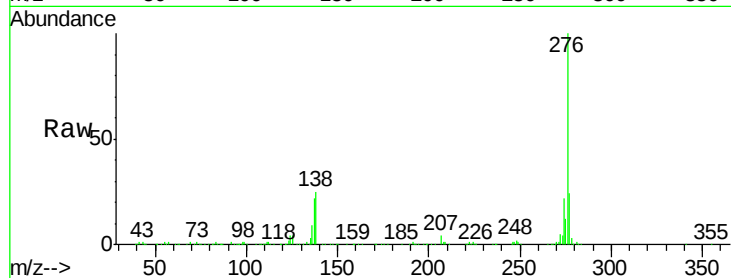




#91
 Benzo(a,h,i)perylene
 Concen: 19.96 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF105328.D
 Acq: 12 May 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	24.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

