

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105332.D
 Acq On : 12 May 2018 12:49
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:45:20 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	160414	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	699803	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	316018	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	602735	20.00	ng	0.00
75) Chrysene-d12	14.02	240	505646	20.00	ng	0.00
86) Perylene-d12	15.56	264	541272	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	802108	75.20	ng	0.00
7) Phenol-d6	6.43	99	998679	78.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	923660	76.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	313954	76.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1566050	71.42	ng	0.00
78) Terphenyl-d14	12.90	244	1503525	63.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	189949	39.31	ng	88
3) Pyridine	3.23	79	508950	40.59	ng	89
4) n-Nitrosodimethylamine	3.19	42	214746	34.99	ng	90
6) Aniline	6.46	93	667978	40.65	ng	90
8) 2-Chlorophenol	6.57	128	450694	39.79	ng	94
9) Benzaldehyde	6.35	77	334785	38.86	ng	97
10) Phenol	6.44	94	561638	38.84	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	453949	42.72	ng	95
12) 1,3-Dichlorobenzene	6.73	146	491829	39.44	ng	97
13) 1,4-Dichlorobenzene	6.81	146	515794	40.50	ng	99
14) 1,2-Dichlorobenzene	6.96	146	457147	38.95	ng	98
15) Benzyl Alcohol	6.93	79	370670	37.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	757690	40.59	ng	97
17) 2-Methylphenol	7.05	107	378189	39.55	ng	97
18) Hexachloroethane	7.30	117	178960	38.90	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	307738	38.42	ng	95
20) 3+4-Methylphenols	7.20	107	440795	38.72	ng	# 58
22) Acetophenone	7.20	105	595832	37.06	ng	# 87
24) Nitrobenzene	7.38	77	498039	39.34	ng	97
25) Isophorone	7.62	82	877257	38.55	ng	99
26) 2-Nitrophenol	7.69	139	251765	39.41	ng	98
27) 2,4-Dimethylphenol	7.73	122	400125	38.13	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	547537	39.23	ng	100
29) 2,4-Dichlorophenol	7.93	162	379536	38.60	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	394248	37.91	ng	99
31) Naphthalene	8.10	128	1285664	37.73	ng	100
32) Benzoic acid	7.85	122	281845	36.16	ng	98
33) 4-Chloroaniline	8.15	127	558178	39.45	ng	98
34) Hexachlorobutadiene	8.21	225	204532	36.51	ng	99
35) Caprolactam	8.53	113	121703	40.05	ng	# 84
36) 4-Chloro-3-methylphenol	8.63	107	408899	38.63	ng	99
37) 2-Methylnaphthalene	8.79	142	858966	37.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	360269	37.79	ng	99
40) Hexachlorocyclopentadiene	8.93	237	240861	37.33	ng	98

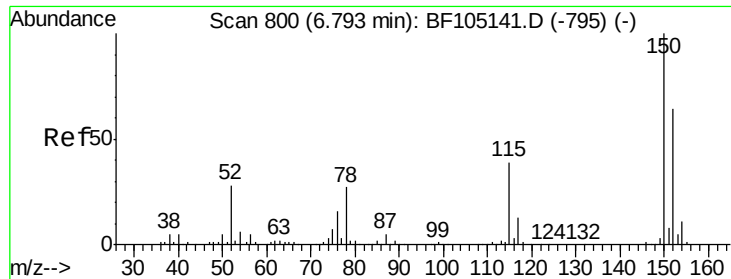
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105332.D
 Acq On : 12 May 2018 12:49
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:45:20 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	242106	37.35	ng	95
43) 2,4,5-Trichlorophenol	9.10	196	269359	38.45	ng	94
45) 1,1'-Biphenyl	9.25	154	1041520	37.03	ng	99
46) 2-Chloronaphthalene	9.27	162	792097	37.60	ng	99
47) 2-Nitroaniline	9.37	65	281697	39.80	ng	91
48) Acenaphthylene	9.69	152	1216950	37.69	ng	99
49) Dimethylphthalate	9.55	163	926387	38.19	ng	99
50) 2,6-Dinitrotoluene	9.62	165	208770	39.09	ng	94
51) Acenaphthene	9.86	154	731988	34.25	ng	98
52) 3-Nitroaniline	9.79	138	244733	39.77	ng	100
53) 2,4-Dinitrophenol	9.89	184	121218	38.62	ng	# 24
54) Dibenzofuran	10.03	168	1074424	37.42	ng	97
55) 4-Nitrophenol	9.95	139	189062	37.56	ng	98
56) 2,4-Dinitrotoluene	10.02	165	268946	38.70	ng	95
57) Fluorene	10.37	166	796874	36.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	222026	38.36	ng	96
59) Diethylphthalate	10.25	149	898909	37.14	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	370598	36.83	ng	99
61) 4-Nitroaniline	10.40	138	257645	41.87	ng	99
62) Azobenzene	10.53	77	897497	37.89	ng	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	146659	40.58	ng	92
65) n-Nitrosodiphenylamine	10.49	169	745459	36.88	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	245191	36.57	ng	97
67) Hexachlorobenzene	10.92	284	287968	37.58	ng	# 87
68) Atrazine	11.02	200	241126	37.53	ng	96
69) Pentachlorophenol	11.12	266	171956	37.19	ng	98
70) Phenanthrene	11.34	178	1227798	36.15	ng	99
71) Anthracene	11.39	178	1314315	37.38	ng	100
72) Carbazole	11.55	167	1190597	38.69	ng	100
73) Di-n-butylphthalate	11.87	149	1408348	37.06	ng	99
74) Fluoranthene	12.53	202	1281580	37.95	ng	99
76) Benzidine	12.66	184	788052	38.75	ng	98
77) Pyrene	12.76	202	1309055	33.55	ng	99
79) Butylbenzylphthalate	13.40	149	615031	35.78	ng	98
80) Benzo(a)anthracene	14.00	228	1082081	36.65	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	447824	39.42	ng	# 97
82) Chrysene	14.04	228	1105280	38.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	767659	36.88	ng	98
84) Di-n-octyl phthalate	14.68	149	1465594	42.87	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	1194512	45.10	ng	96
87) Benzo(b)fluoranthene	15.14	252	1132165	35.09	ng	98
88) Benzo(k)fluoranthene	15.17	252	1140410	36.55	ng	99
89) Benzo(a)pyrene	15.50	252	1120626	37.30	ng	99
90) Dibenzo(a,h)anthracene	17.04	278	1039643	36.90	ng	97
91) Benzo(g,h,i)perylene	17.46	276	977124	36.09	ng	96

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

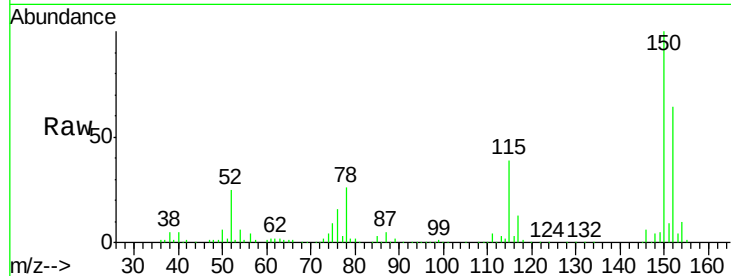


#1

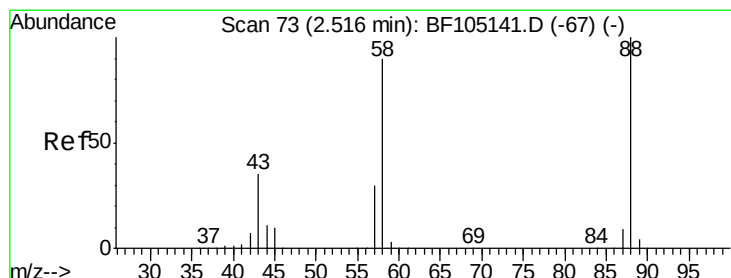
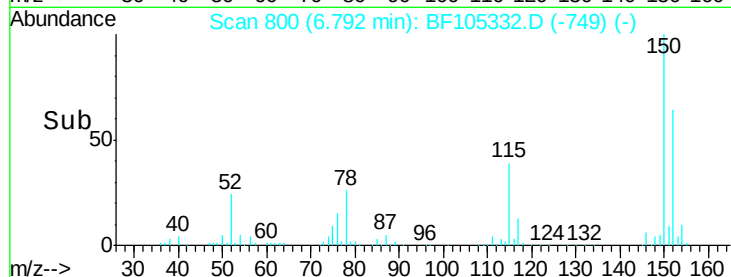
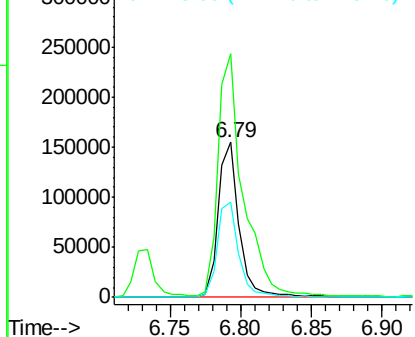
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160414
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.7 50.1 75.1



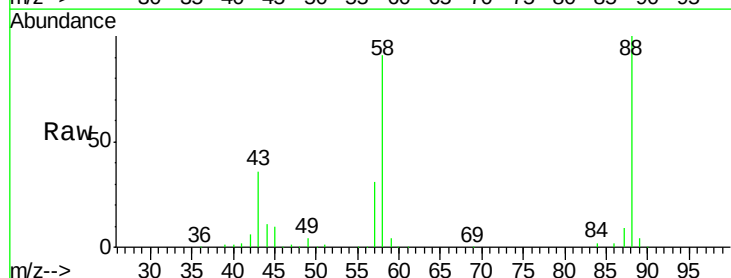
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



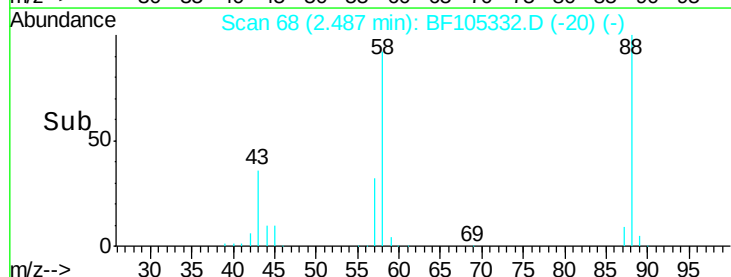
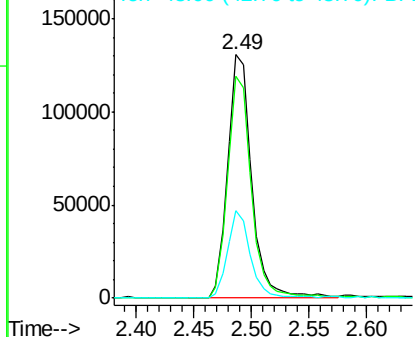
#2

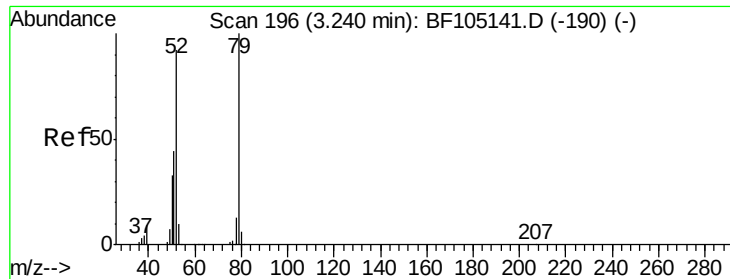
1,4-Dioxane
Concen: 39.31 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion: 88 Resp: 189949
Ion Ratio Lower Upper
88 100
58 90.1 62.6 93.8
43 34.5 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: 40.59 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.01 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

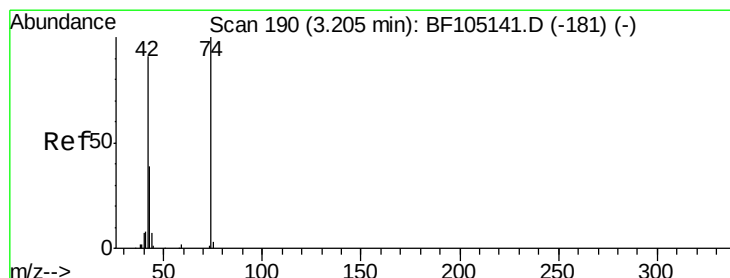
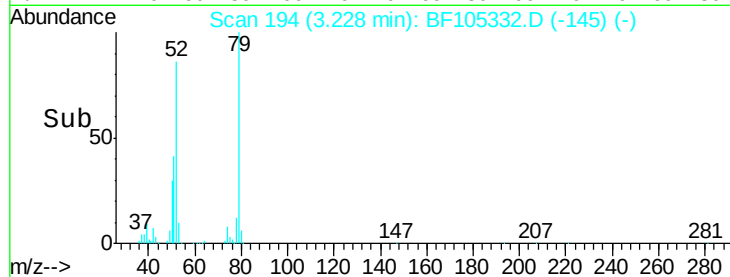
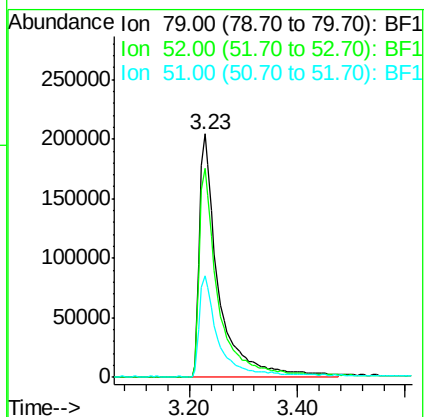
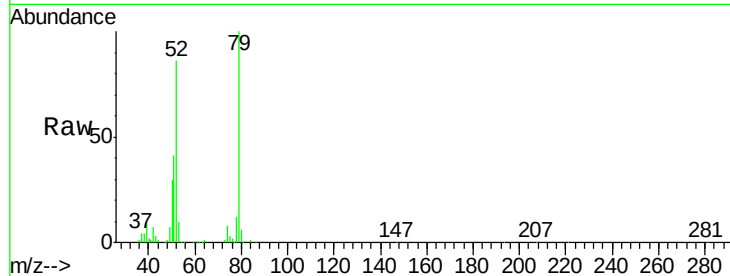
Tot Ion: 79 Resp: 508950

Ion Ratio Lower Upper

79 100

52 85.8 59.8 89.6

51 41.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.99 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.01 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

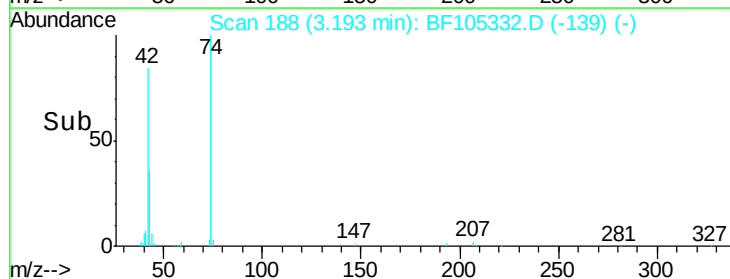
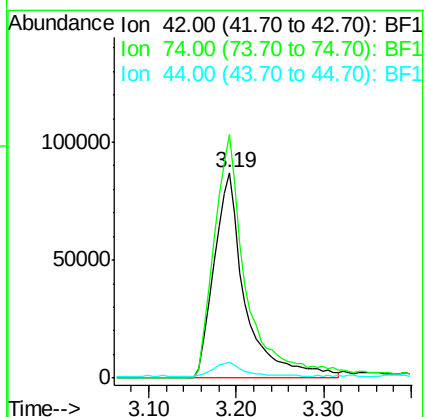
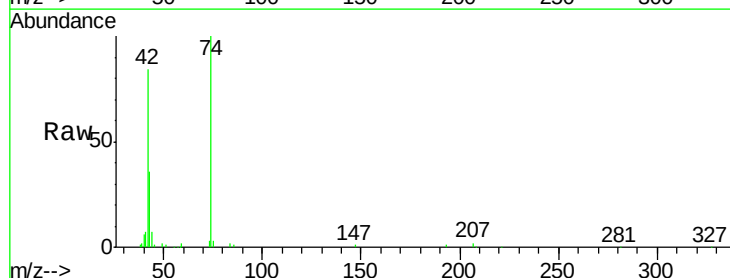
Tgt Ion: 42 Resp: 214746

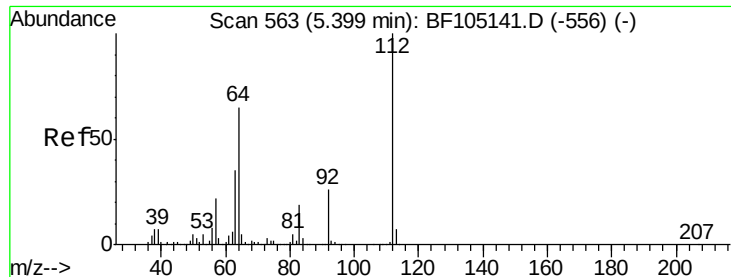
Ion Ratio Lower Upper

42 100

74 118.5 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 75.20 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampled :

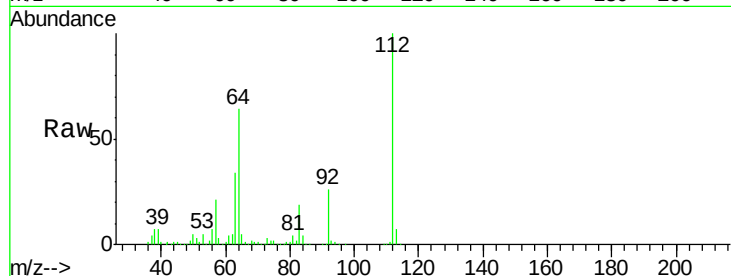
Tot Ion:112 Resp: 802108

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

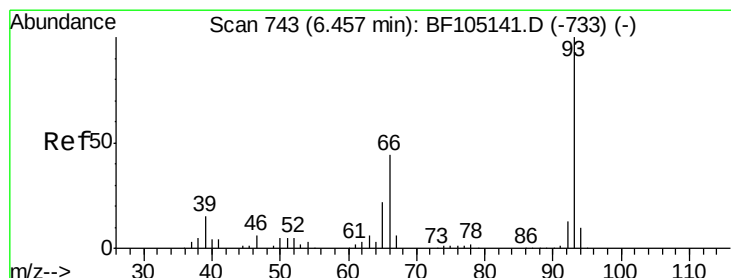
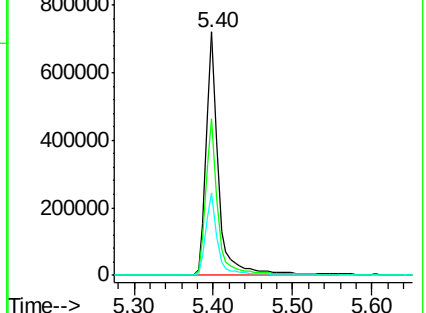
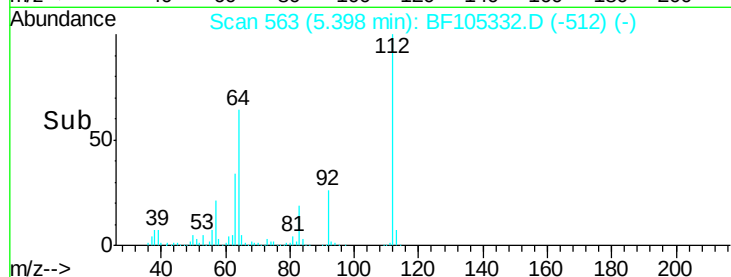
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.65 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

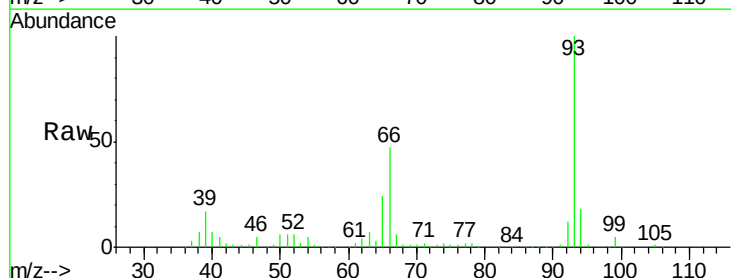
Tgt Ion: 93 Resp: 667978

Ion Ratio Lower Upper

93 100

66 47.0 32.2 48.2

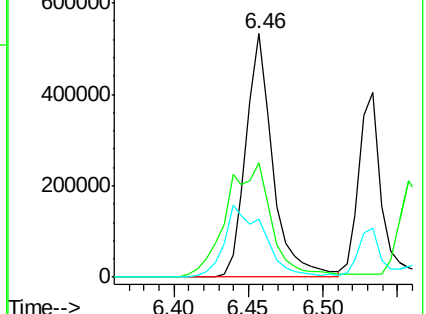
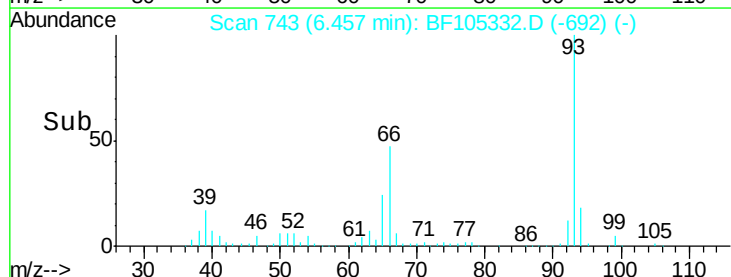
65 24.1 16.4 24.6

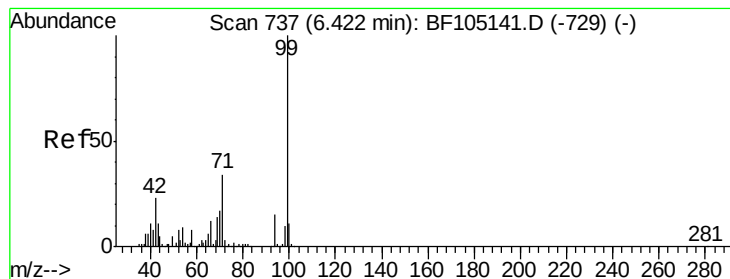


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.80 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampled :

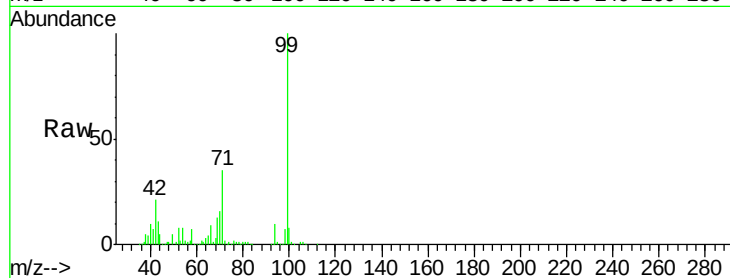
Tot Ion: 99 Resp: 998679

Ion Ratio Lower Upper

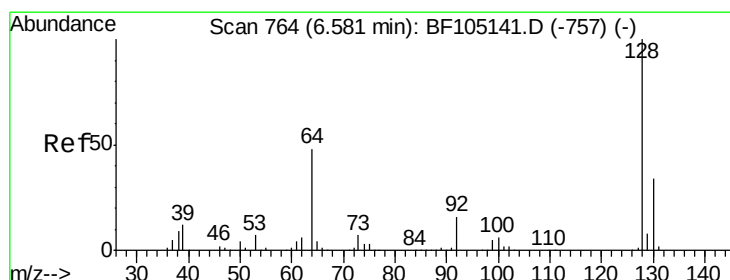
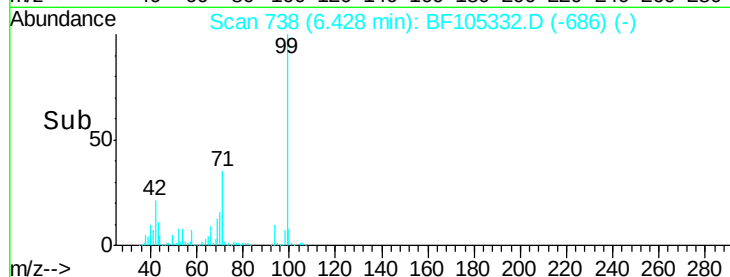
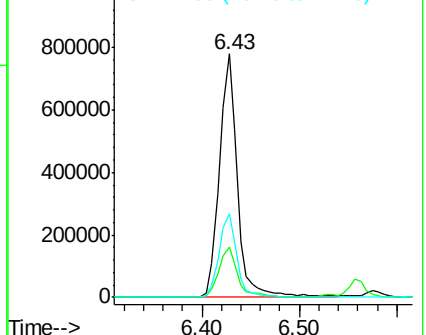
99 100

42 20.9 14.5 21.7

71 34.6 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: 39.79 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

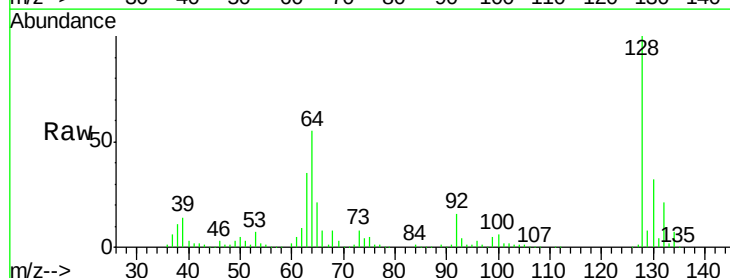
Tgt Ion: 128 Resp: 450694

Ion Ratio Lower Upper

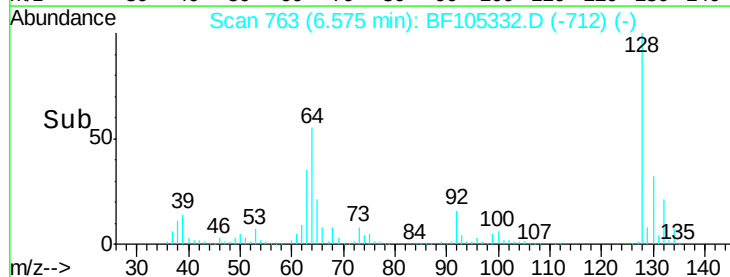
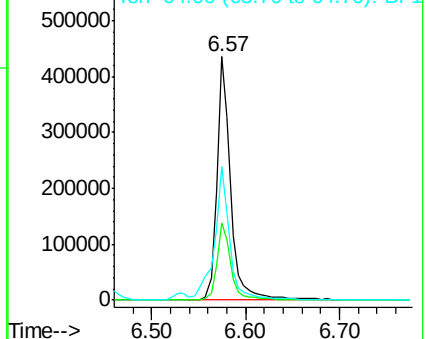
128 100

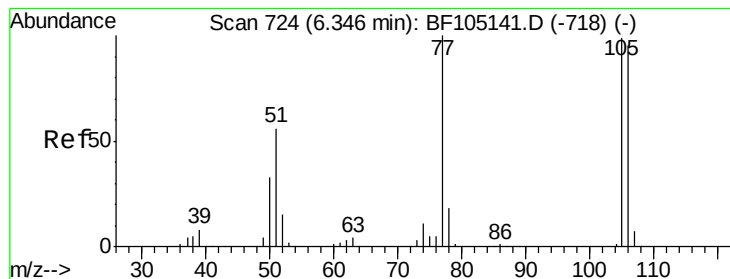
130 31.6 13.0 53.0

64 54.9 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: 38.86 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

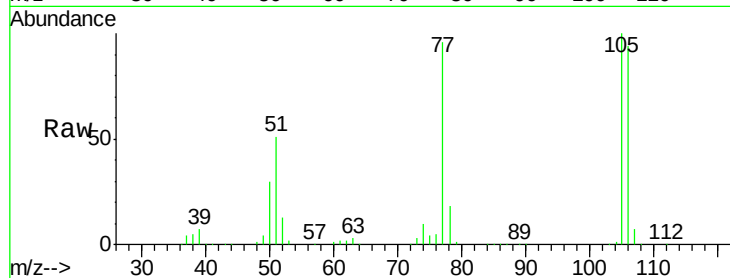
Tot Ion: 77 Resp: 334785

Ion Ratio Lower Upper

77 100

105 104.1 81.1 121.1

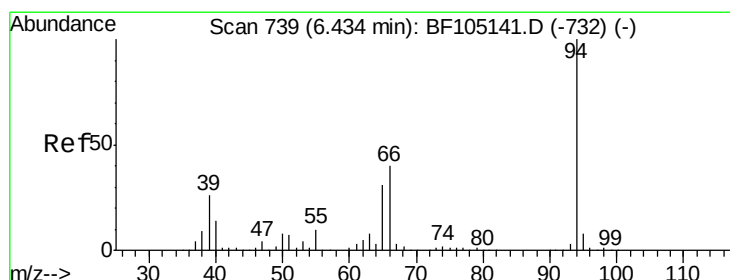
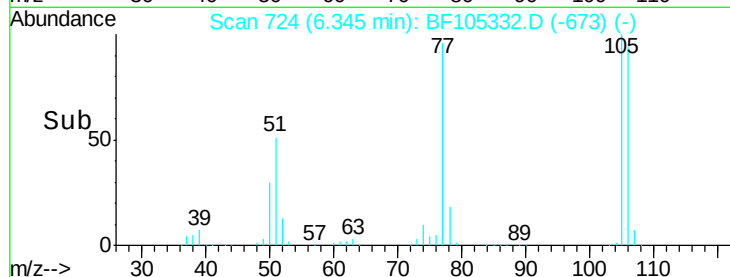
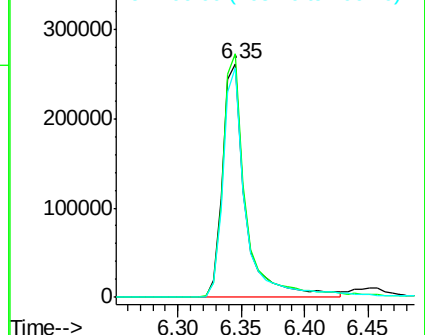
106 98.0 74.5 114.5



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: 38.84 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

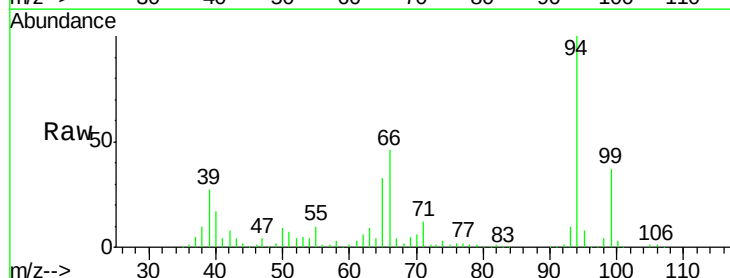
Tgt Ion: 94 Resp: 561638

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

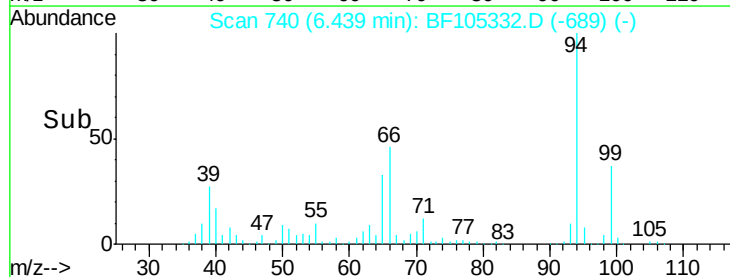
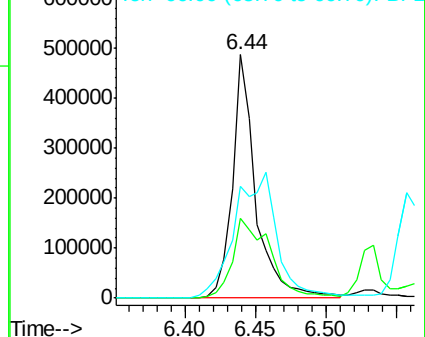
66 45.9 16.2 56.2

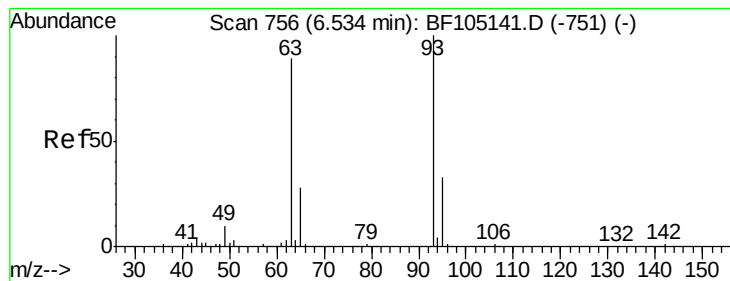


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

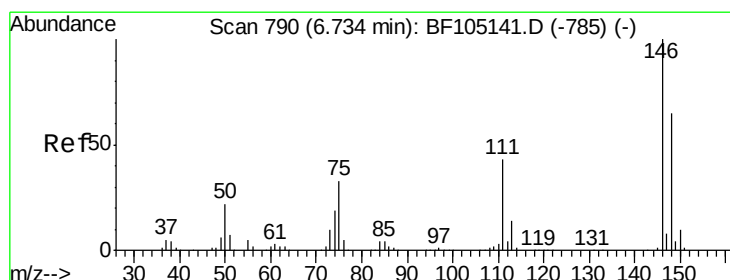
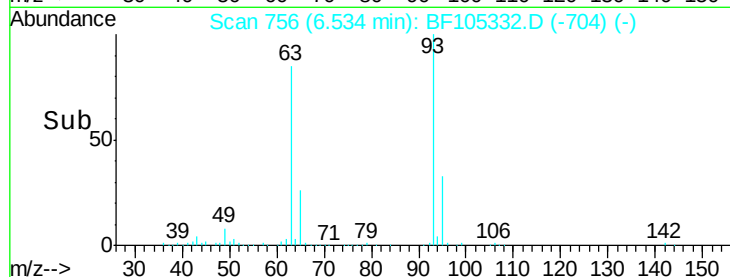
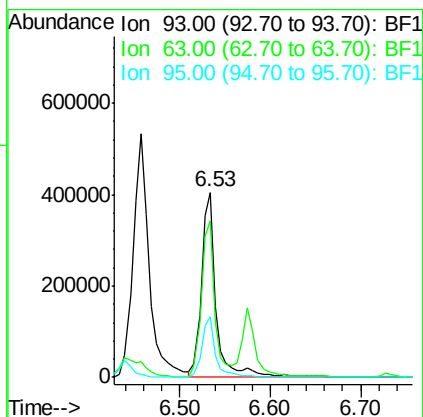
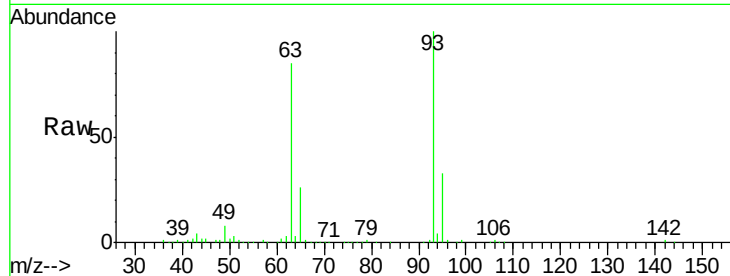




#11
 bis(2-Chloroethyl)ether
 Concen: 42.72 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

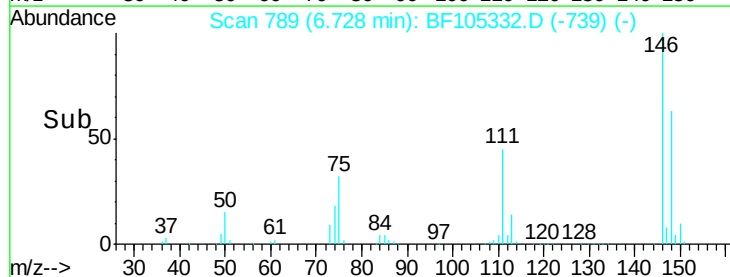
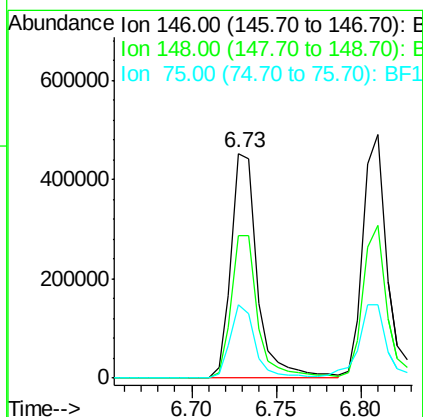
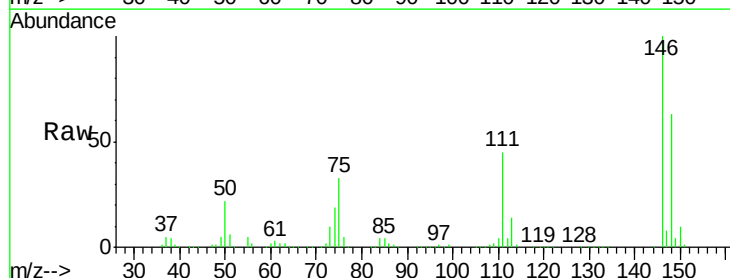
Instrument :
 BNA_F
 ClientSampleId :

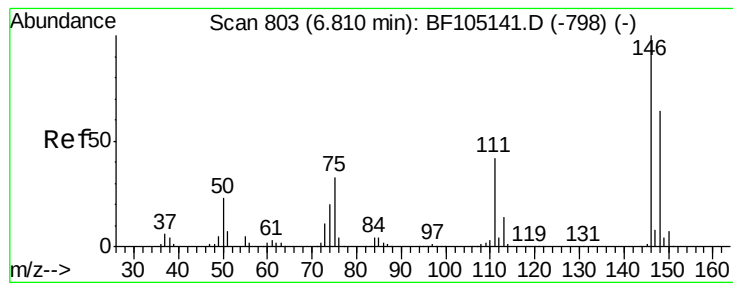
Tot Ion: 93 Resp: 453949
 Ion Ratio Lower Upper
 93 100
 63 84.5 58.6 98.6
 95 33.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.44 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion: 146 Resp: 491829
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 75 32.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.50 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

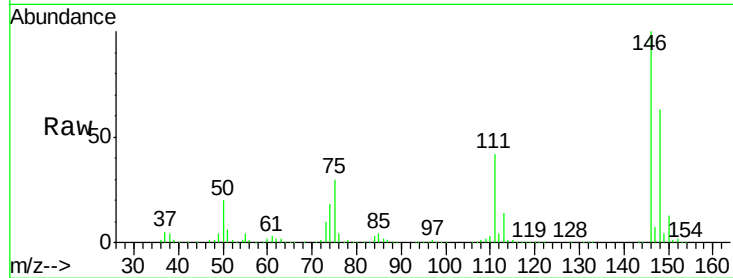
Tot Ion:146 Resp: 515794

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

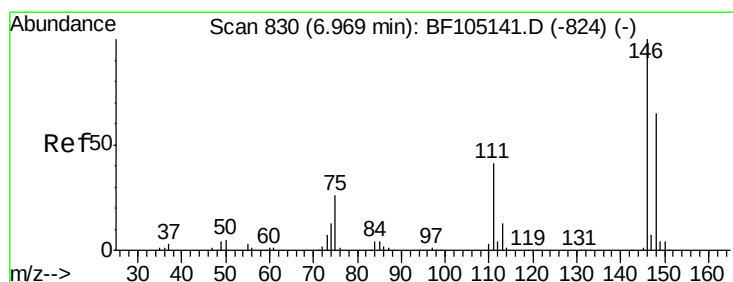
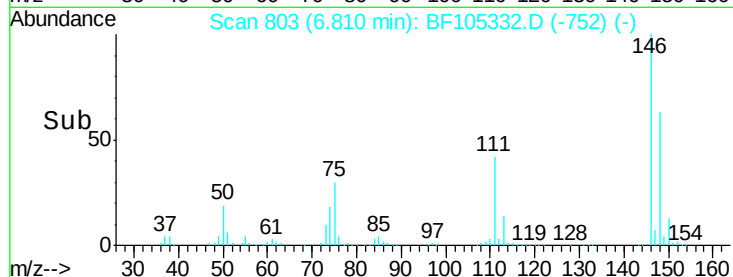
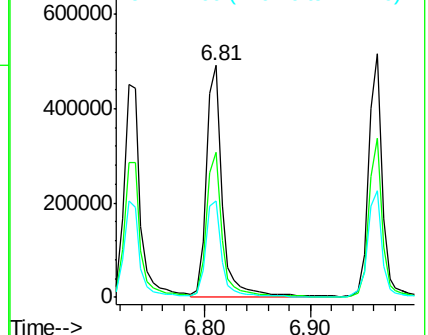
111 41.6 34.2 51.2



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: 38.95 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

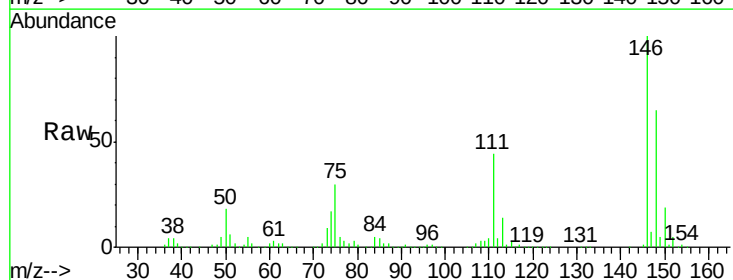
Tgt Ion:146 Resp: 457147

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

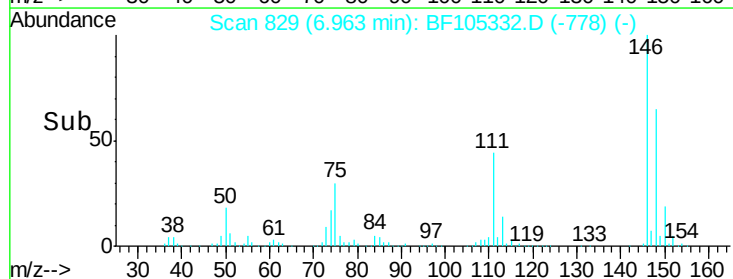
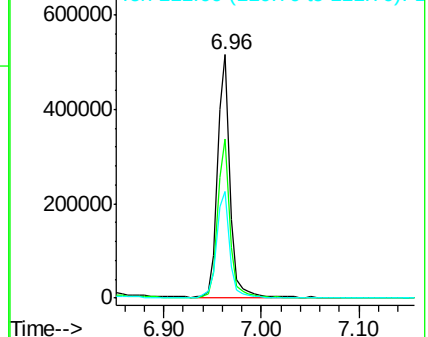
111 44.0 36.0 54.0

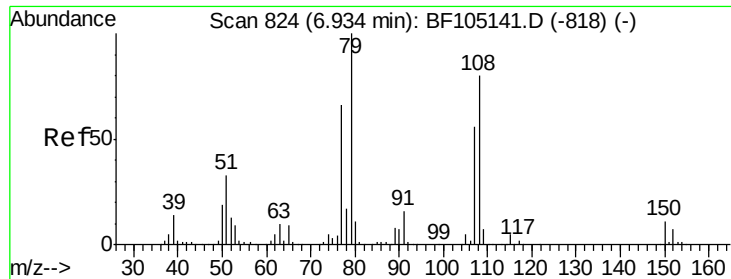


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.70 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampled :

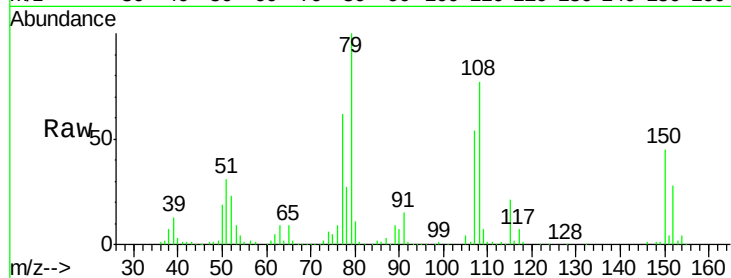
Tot Ion: 79 Resp: 370670

Ion Ratio Lower Upper

79 100

108 77.0 65.1 97.7

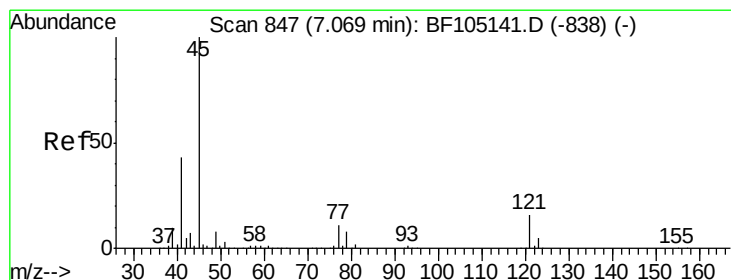
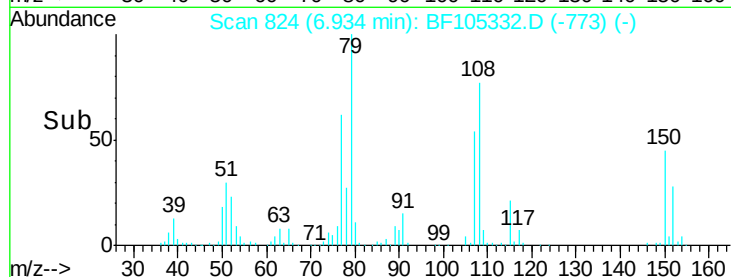
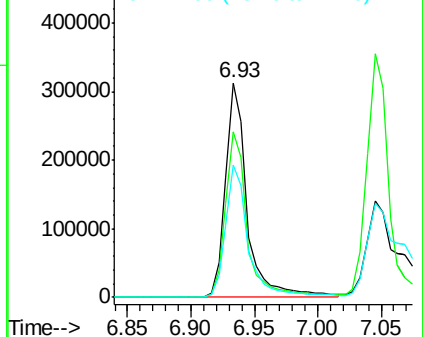
77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.59 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

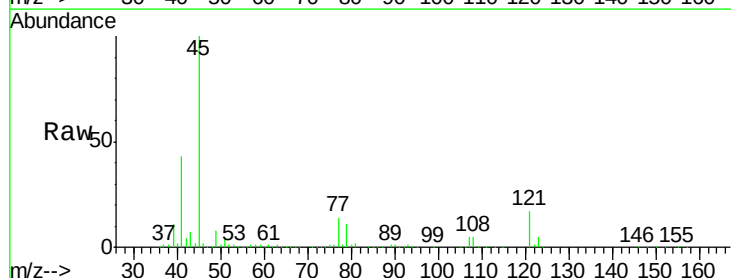
Tgt Ion: 45 Resp: 757690

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

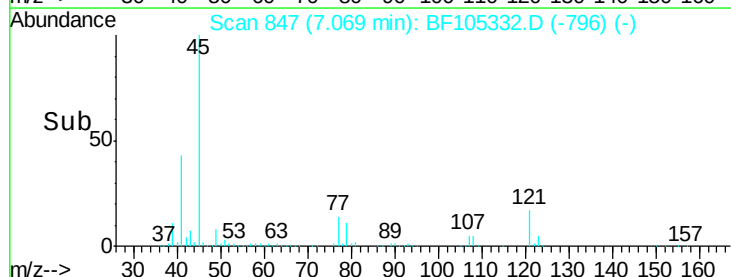
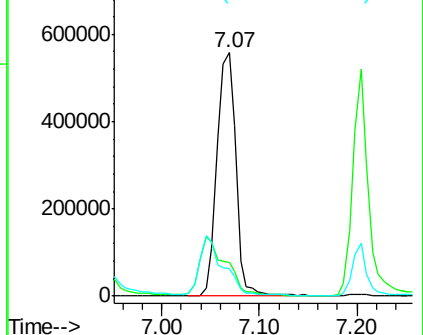
79 11.2 0.0 29.6

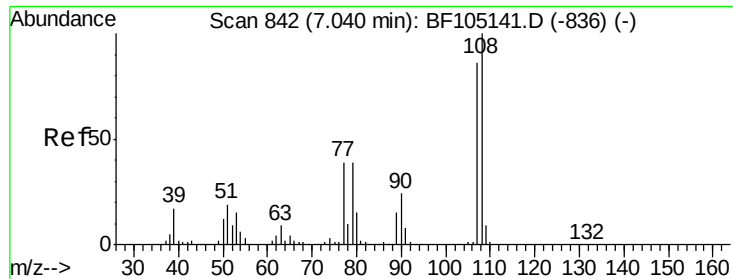


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

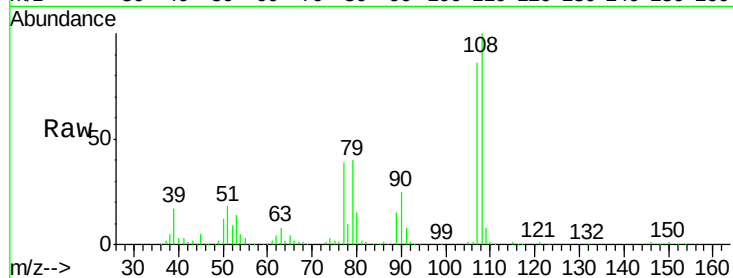




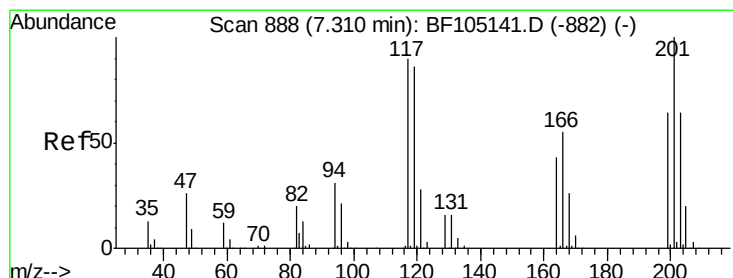
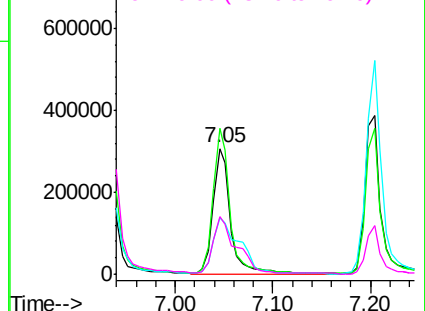
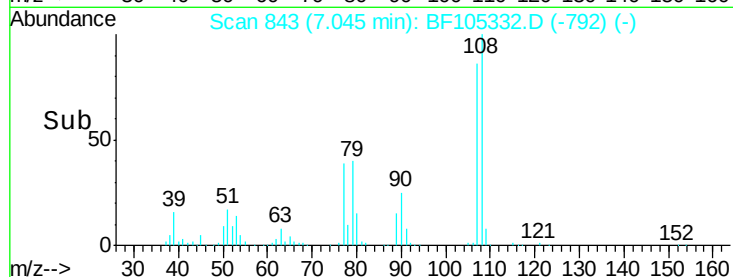
#17
2-Methylphenol
Concen: 39.55 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 378189
Ion Ratio Lower Upper
107 100
108 115.8 91.7 137.5
77 44.8 33.8 50.8
79 45.8 33.8 50.8

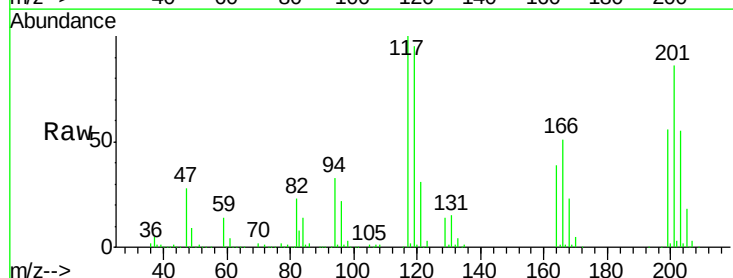


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

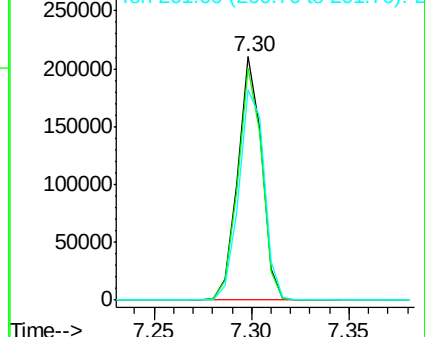
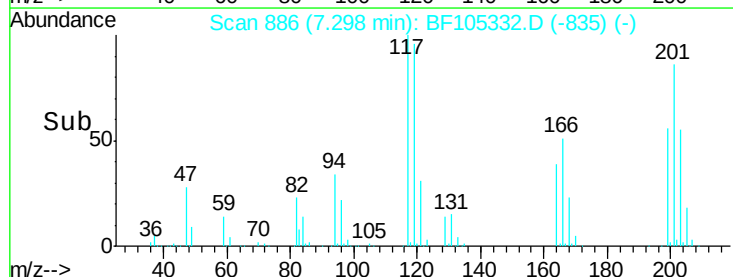


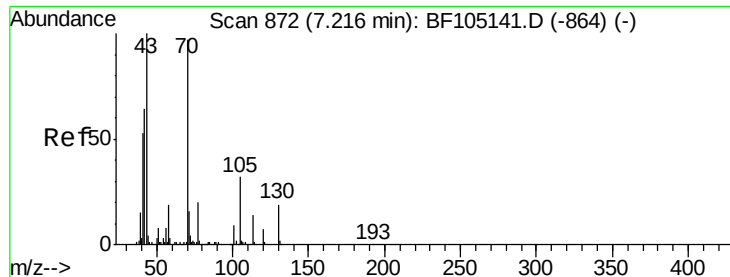
#18
Hexachloroethane
Concen: 38.90 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:117 Resp: 178960
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 86.2 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

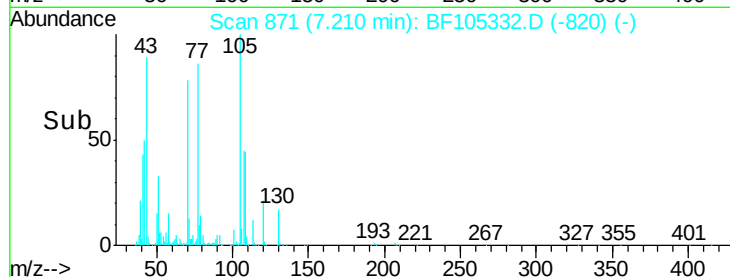
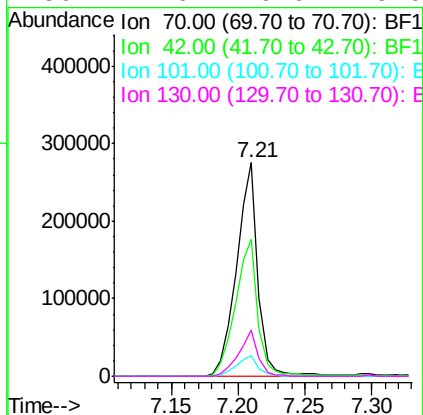
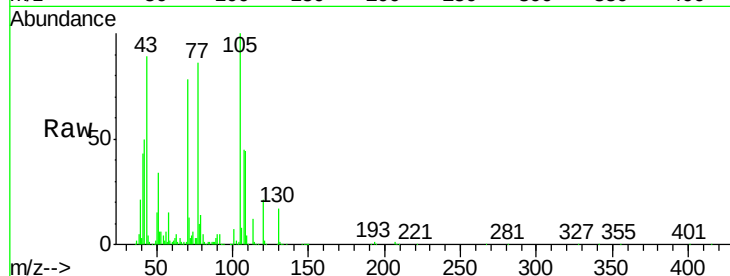




#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

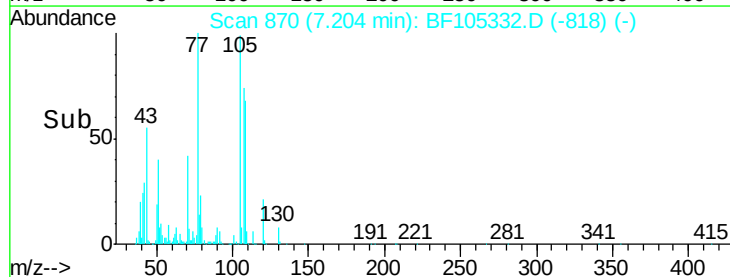
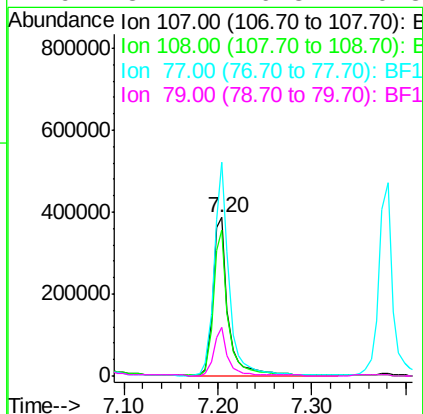
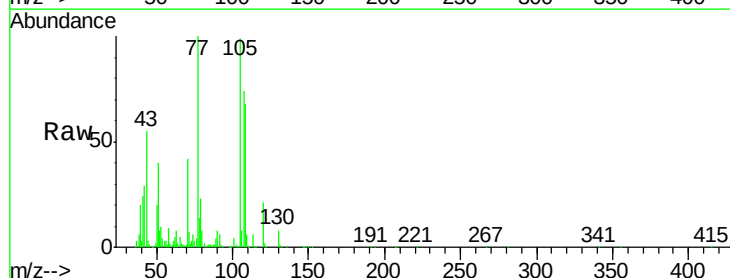
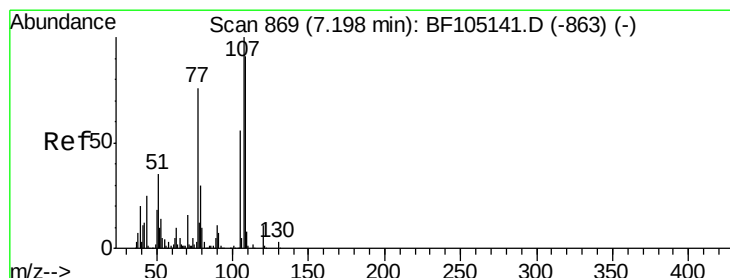
Instrument :
BNA_F
ClientSampleId :

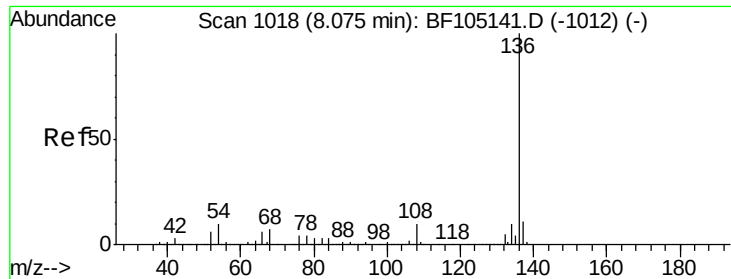
Tot Ion: 70 Resp: 307738
Ion Ratio Lower Upper
70 100
42 64.1 47.5 71.3
101 9.5 7.4 11.2
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.72 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:107 Resp: 440795
Ion Ratio Lower Upper
107 100
108 91.8 68.2 108.2
77 134.7 26.7 66.7#
79 31.1 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: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 699803

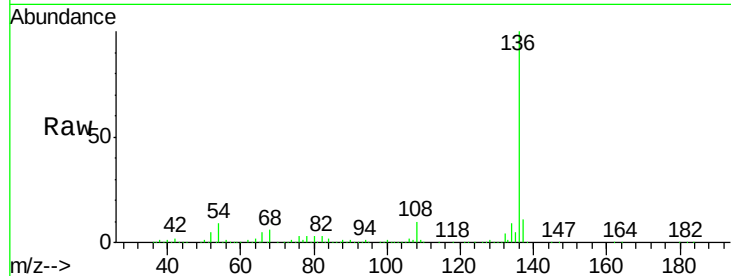
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 6.2 5.0 7.4

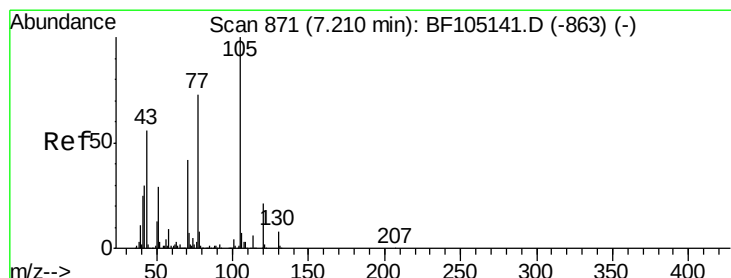
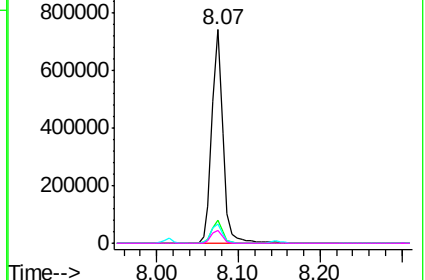
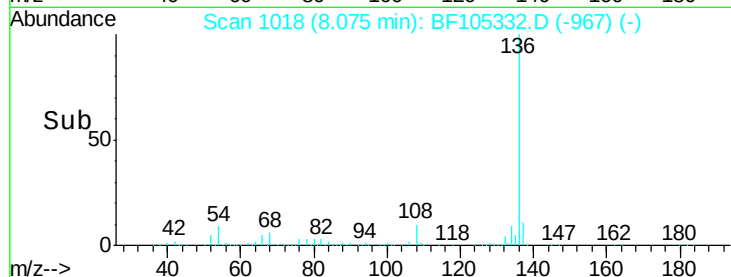


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.06 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Tgt Ion:105 Resp: 595832

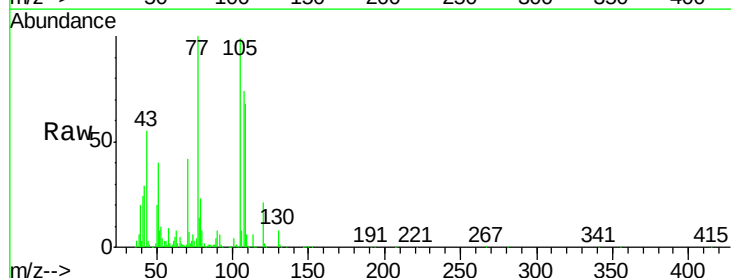
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 40.4 22.3 33.5#

120 21.1 16.9 25.3

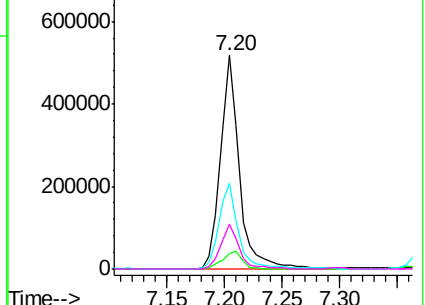
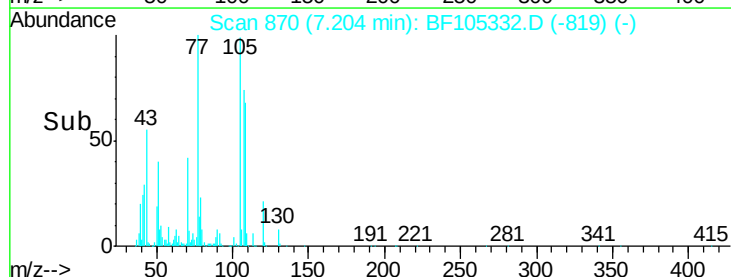


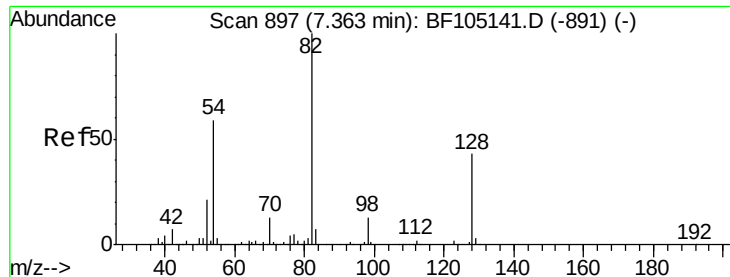
Abundance Ion 105.00 (104.70 to 105.70): E

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

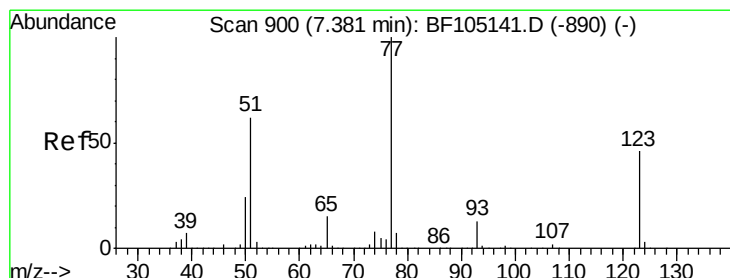
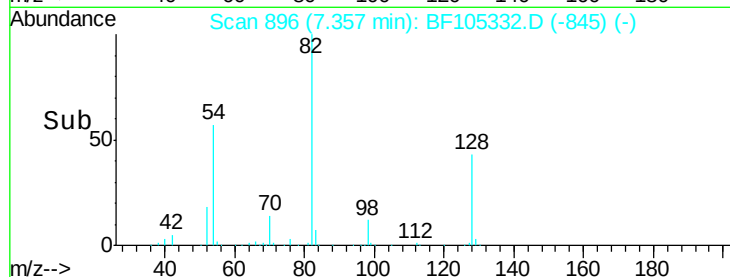
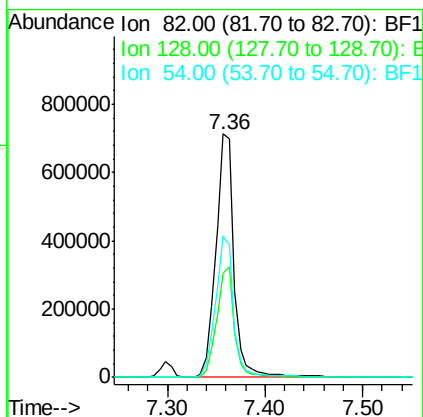
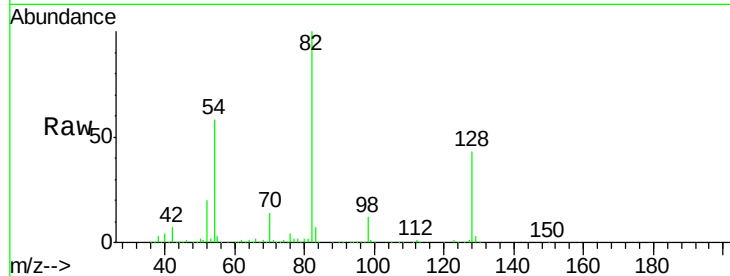




#23
Nitrobenzene-d5
Concen: 76.82 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

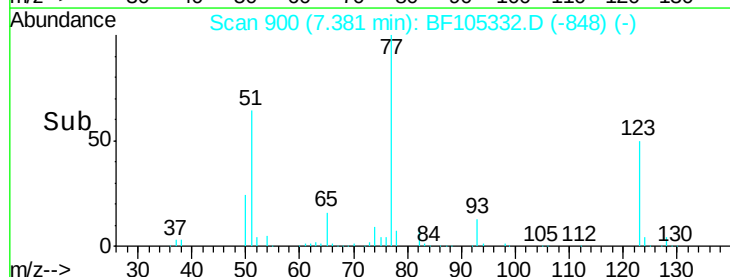
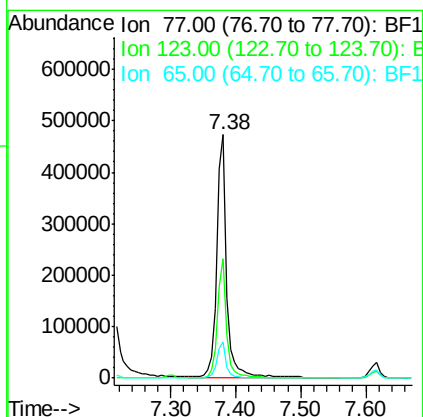
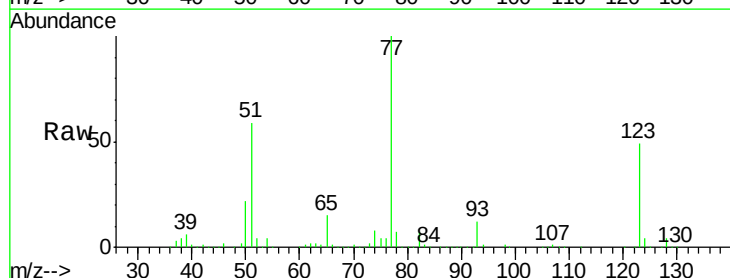
Instrument :
BNA_F
ClientSampleId :

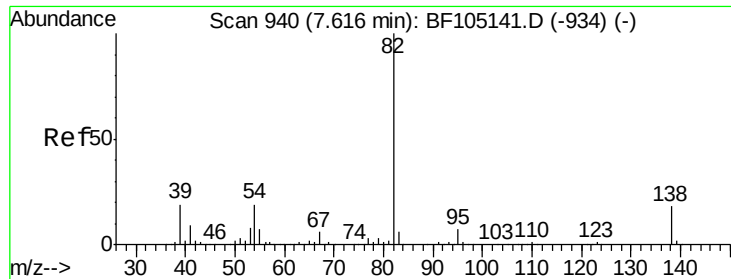
Tot Ion: 82 Resp: 923660
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 58.2 41.4 62.2



#24
Nitrobenzene
Concen: 39.34 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion: 77 Resp: 498039
Ion Ratio Lower Upper
77 100
123 49.3 37.9 56.9
65 14.7 11.0 16.4

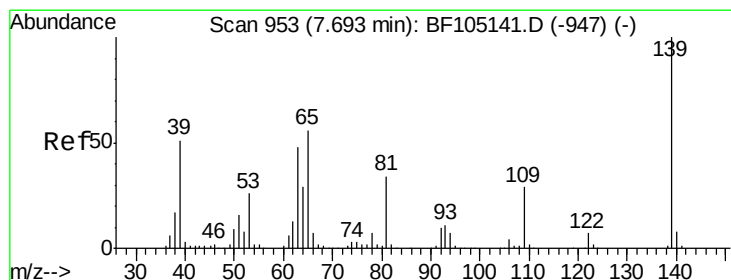
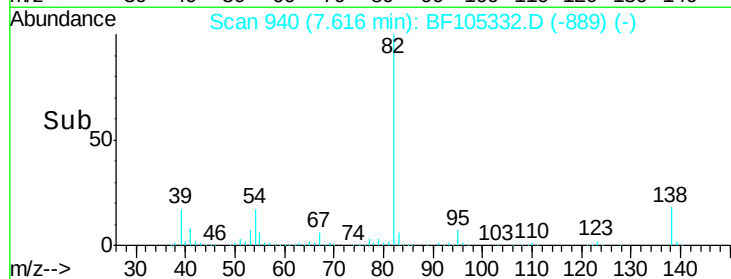
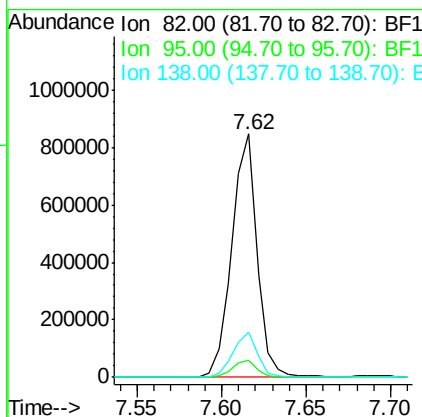
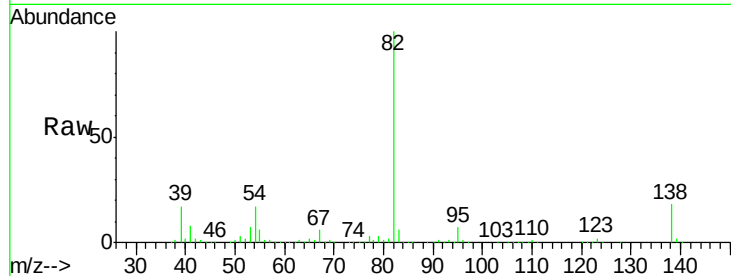




#25
Isophorone
Concen: 38.55 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

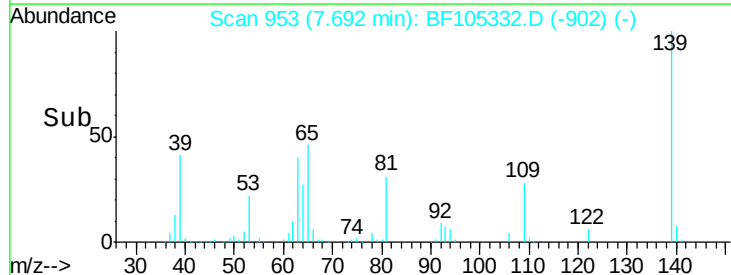
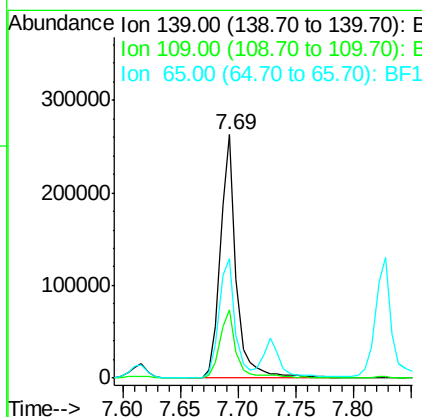
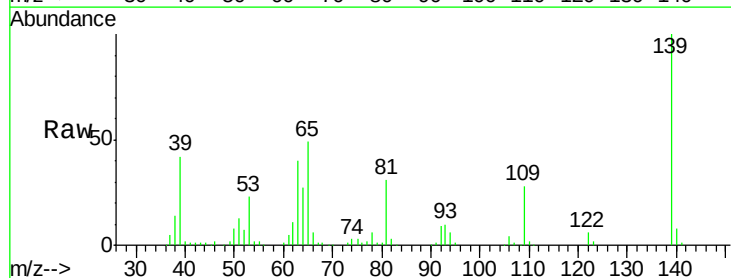
Instrument :
BNA_F
ClientSampled :

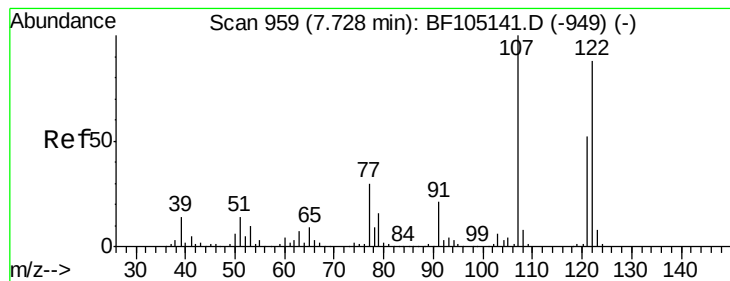
Tot Ion: 82 Resp: 877257
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 39.41 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion: 139 Resp: 251765
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 48.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.13 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampled :

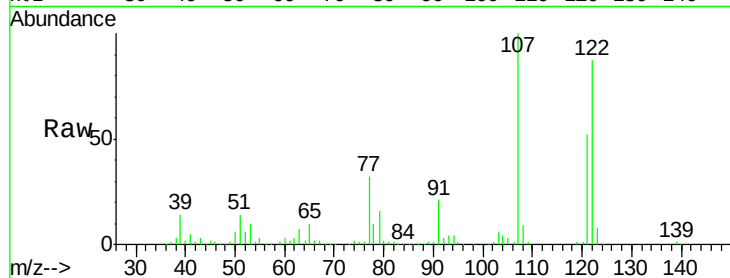
Tot Ion:122 Resp: 400125

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

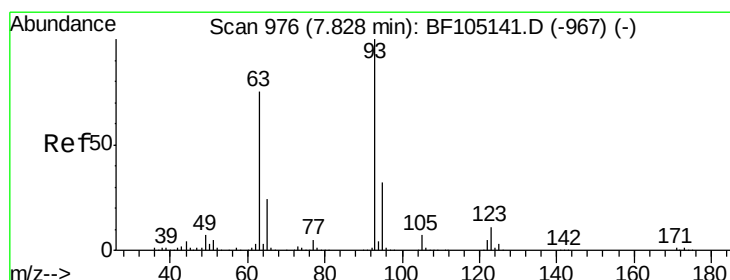
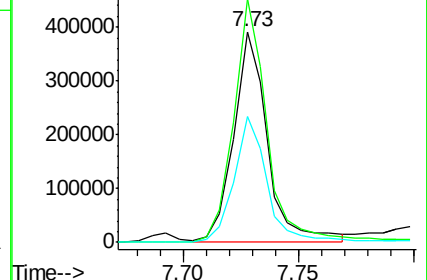
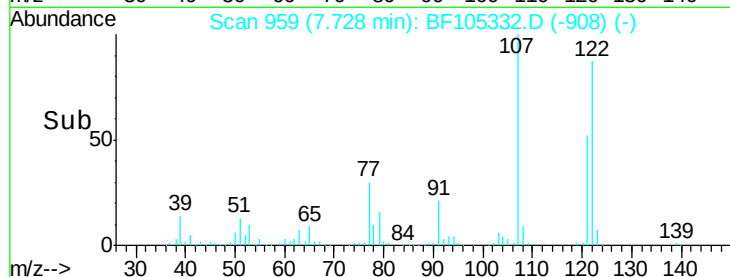
121 59.8 47.2 70.8



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: 39.23 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

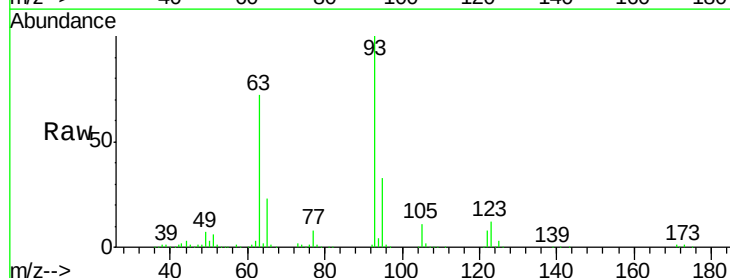
Tgt Ion: 93 Resp: 547537

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

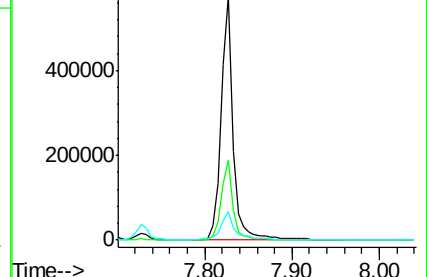
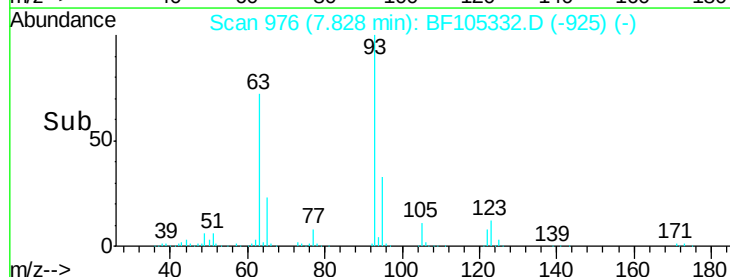
123 11.7 9.8 14.6

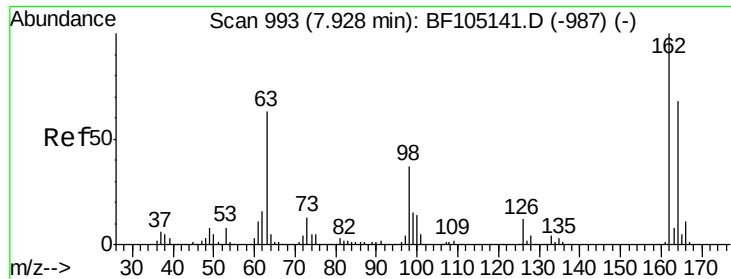


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

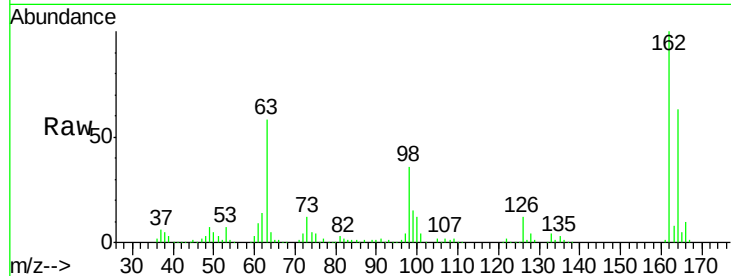




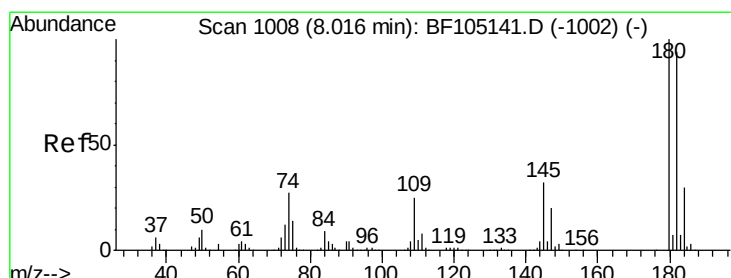
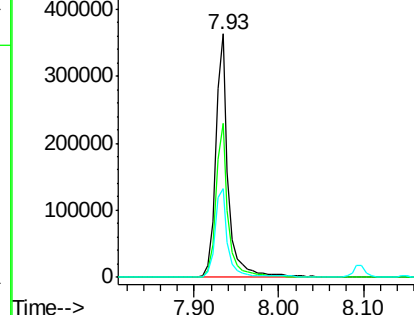
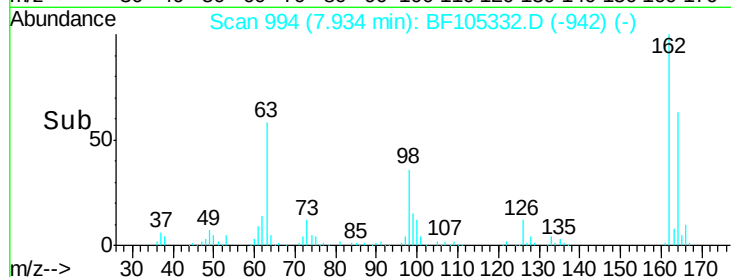
#29
 2,4-Dichlorophenol
 Concen: 38.60 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	36.4	18.1	58.1

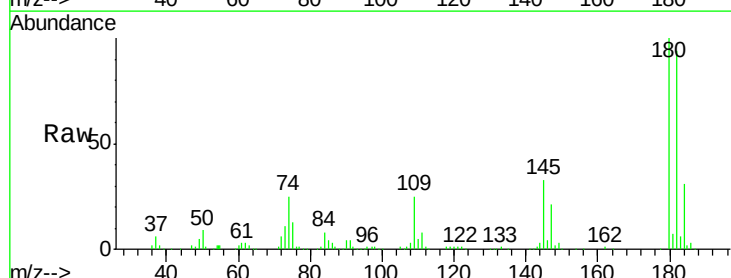


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

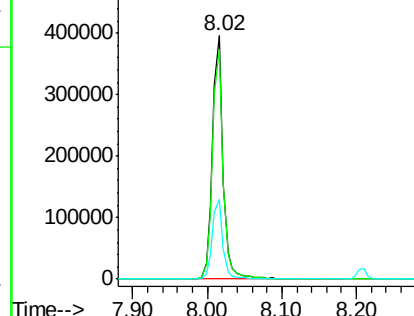
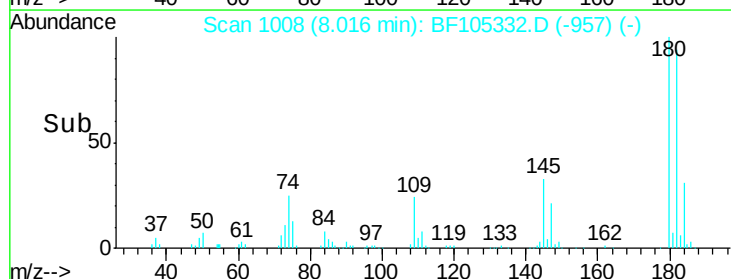


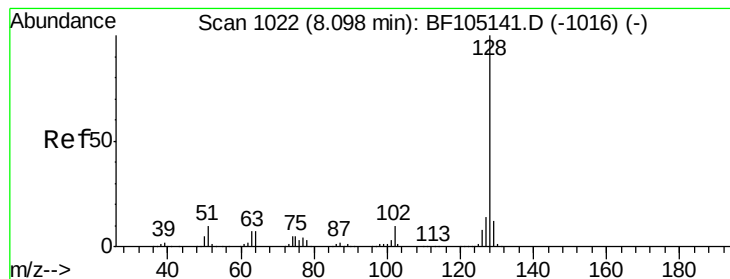
#30
 1,2,4-Trichlorobenzene
 Concen: 37.91 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	32.5	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: 37.73 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

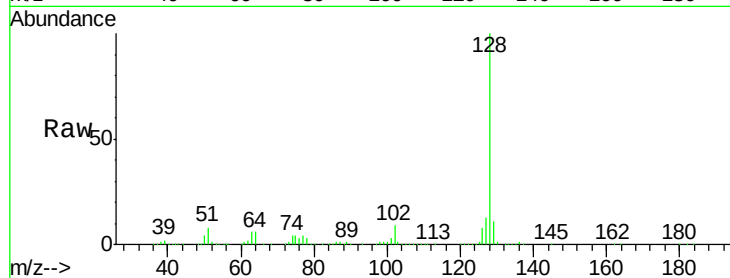
Tot Ion:128 Resp: 1285664

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

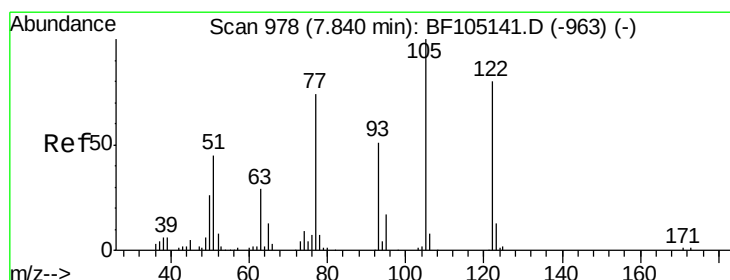
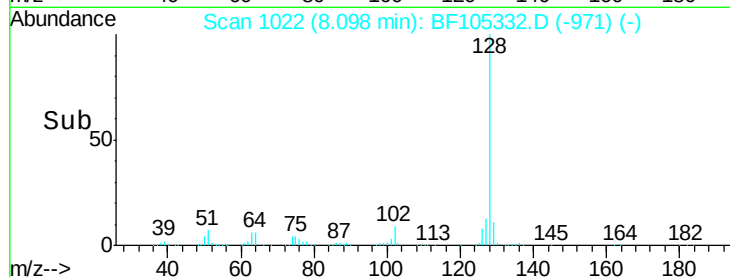
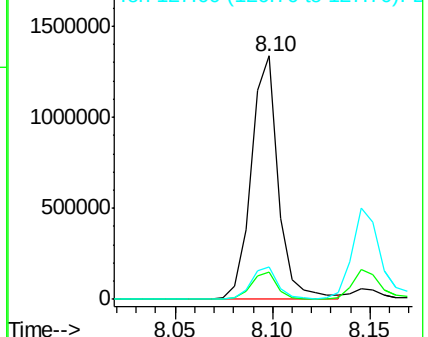
127 13.4 10.9 16.3



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: 36.16 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

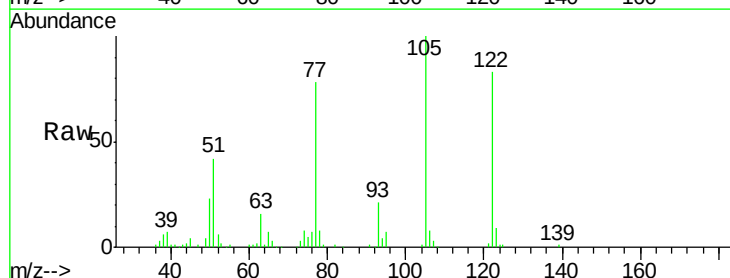
Tgt Ion:122 Resp: 281845

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

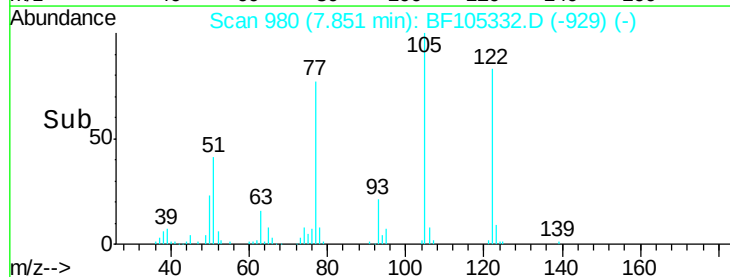
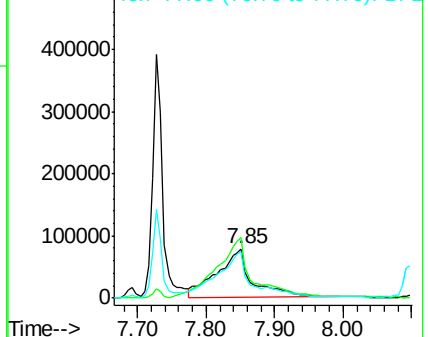
77 94.0 70.7 110.7

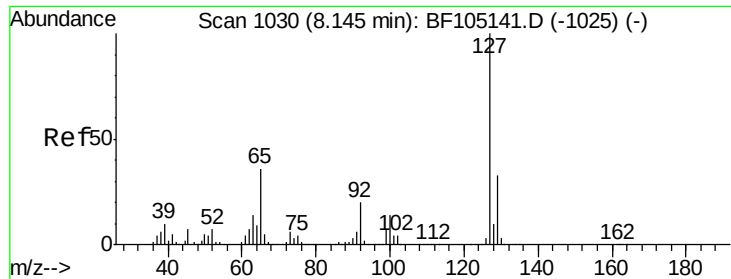


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

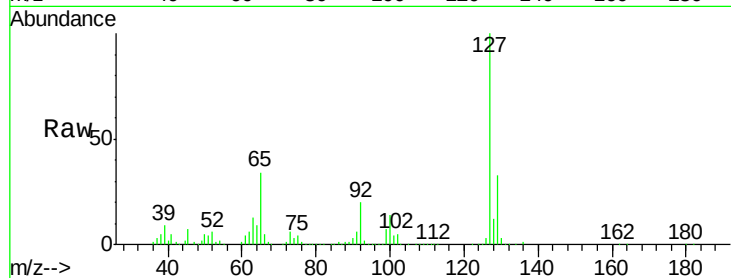




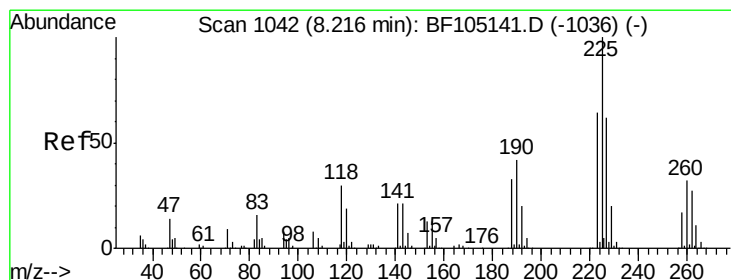
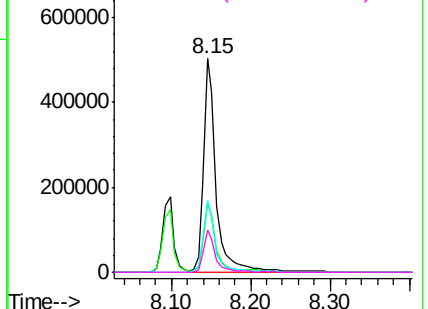
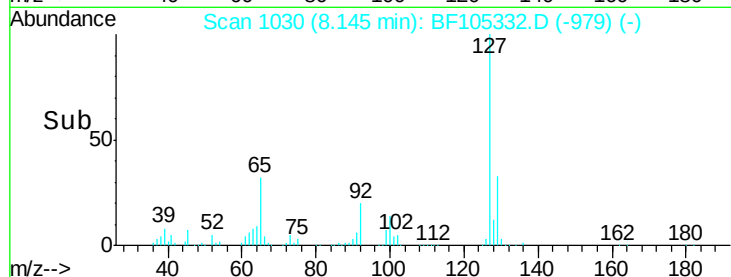
#33
4-Chloroaniline
Concen: 39.45 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	558178
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.7	25.0	37.4
92	19.9	15.2	22.8

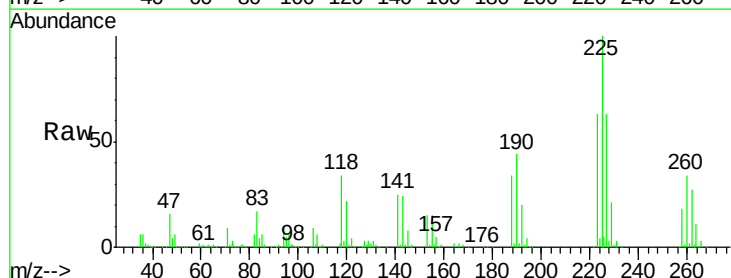


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

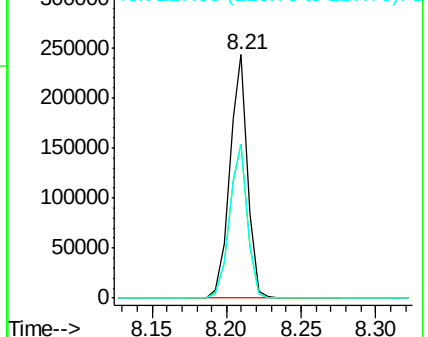
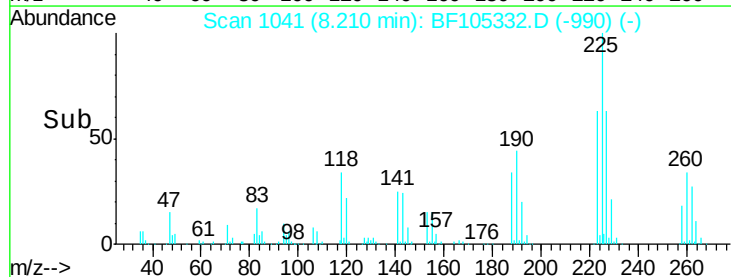


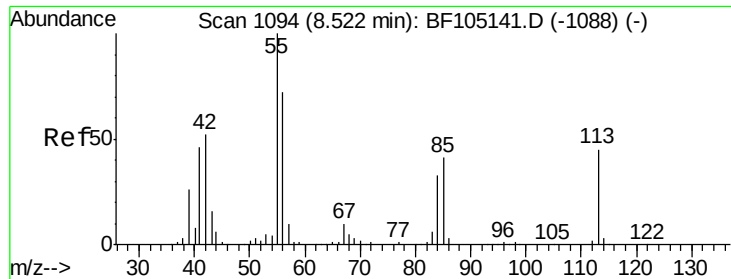
#34
Hexachlorobutadiene
Concen: 36.51 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:	225	Resp:	204532
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.2	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

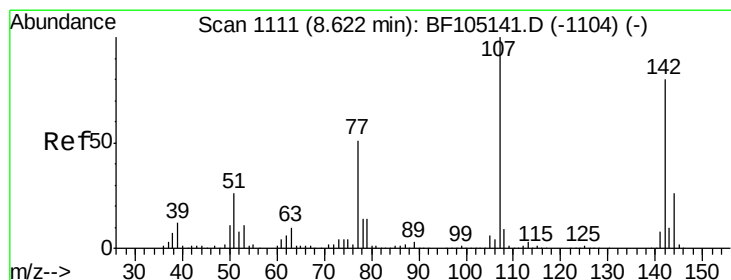
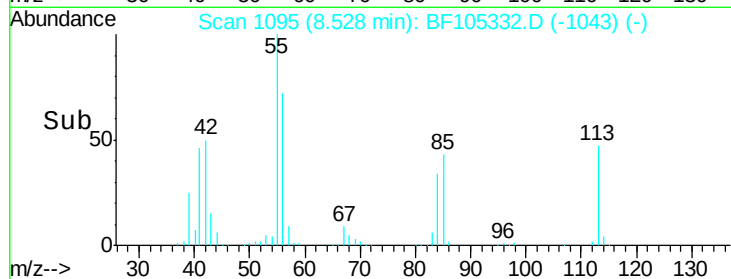
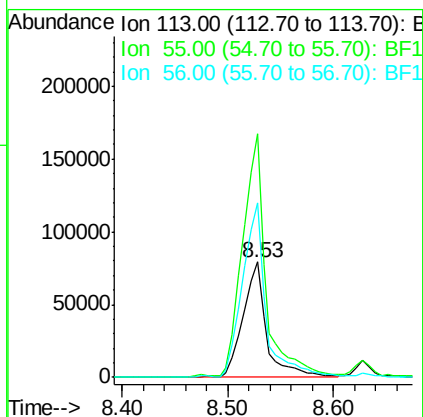
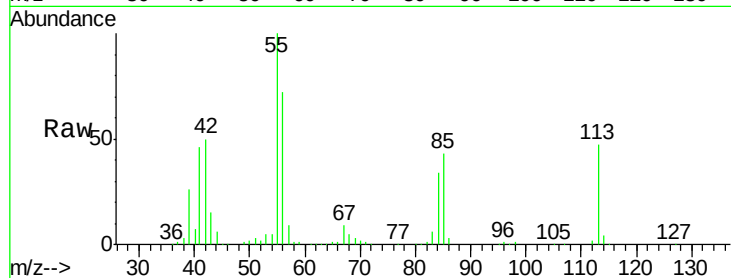




#35
Caprolactam
Concen: 40.05 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

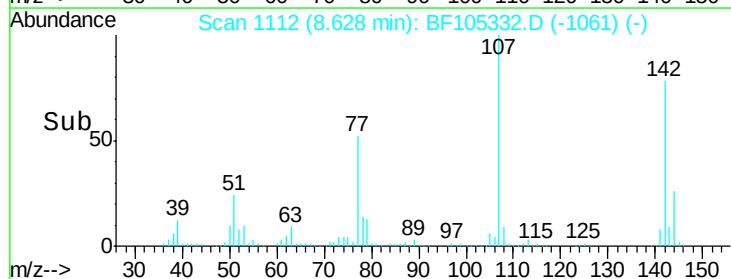
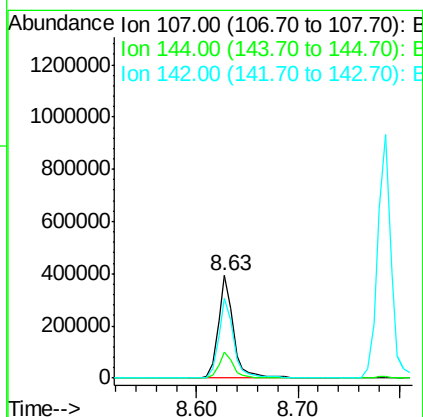
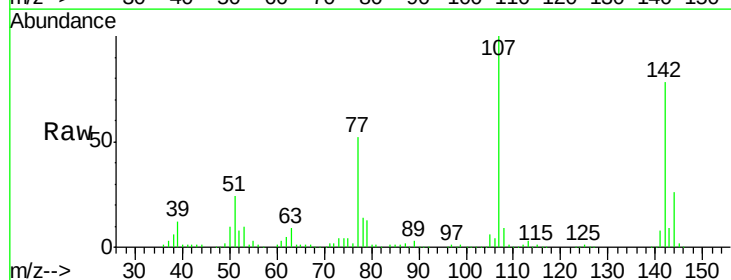
Instrument :
BNA_F
ClientSampleId :

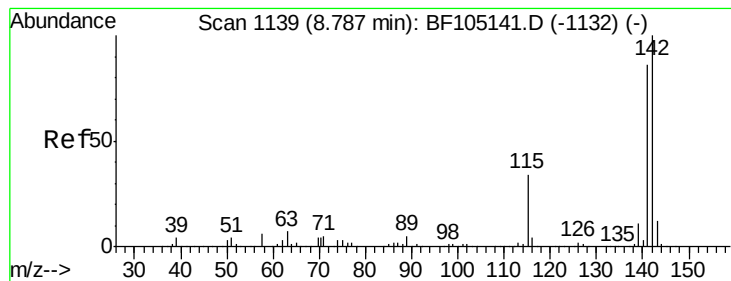
Tot Ion:113 Resp: 121703
Ion Ratio Lower Upper
113 100
55 210.8 163.3 203.3#
56 150.8 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 38.63 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:107 Resp: 408899
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 78.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.48 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

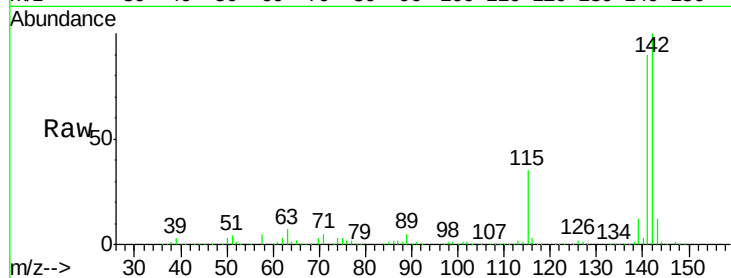
Tot Ion:142 Resp: 858966

Ion Ratio Lower Upper

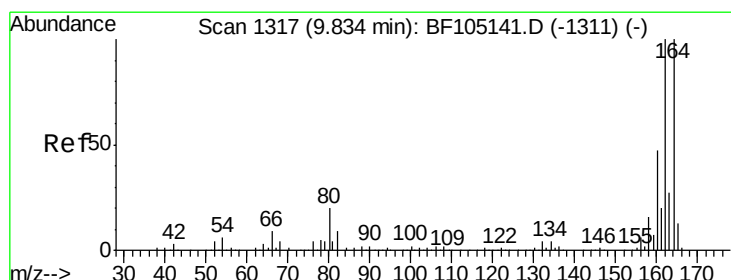
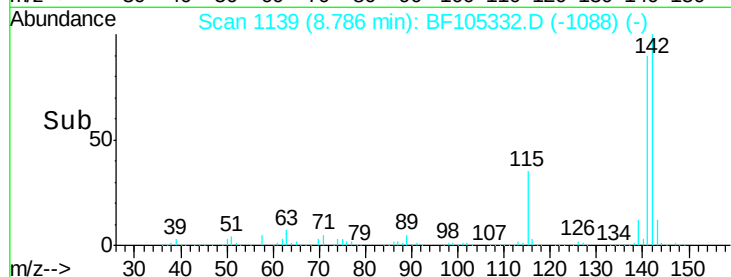
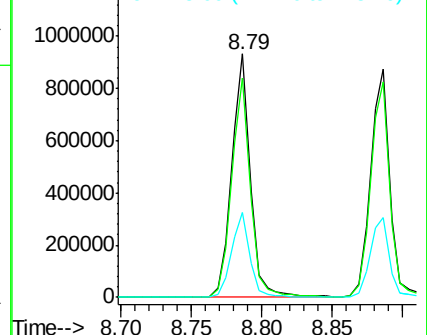
142 100

141 90.1 70.8 106.2

115 34.7 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

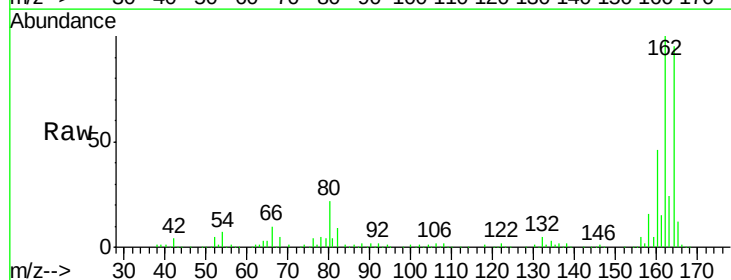
Tgt Ion:164 Resp: 316018

Ion Ratio Lower Upper

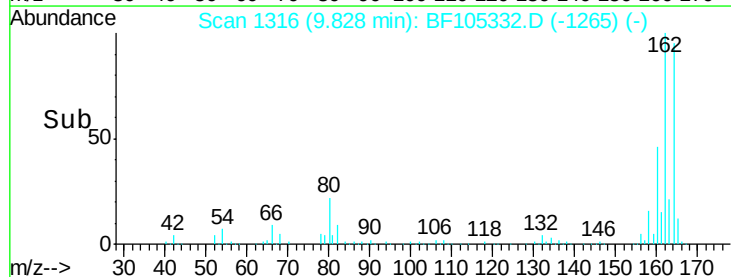
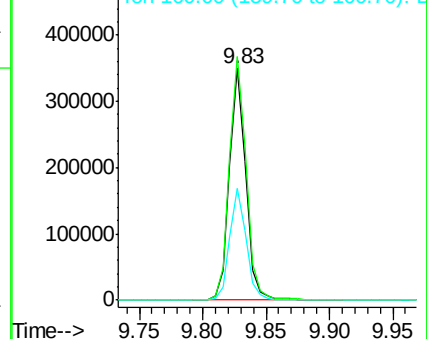
164 100

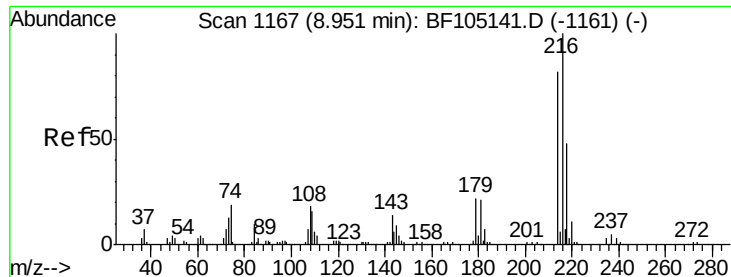
162 105.1 86.1 129.1

160 48.1 38.3 57.5



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

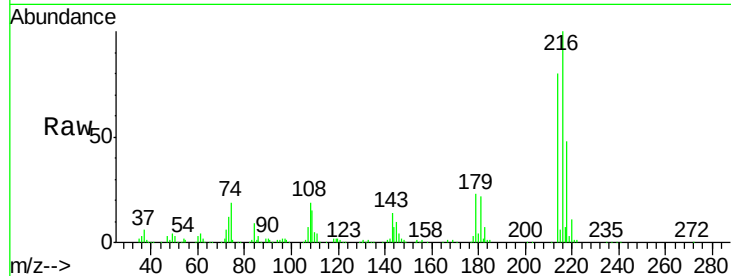




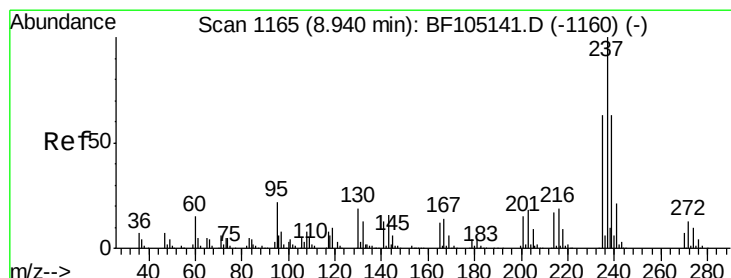
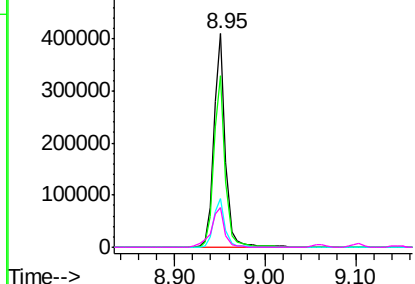
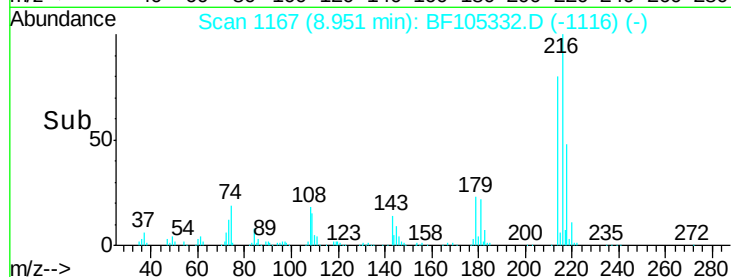
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.79 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	360269
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.9	18.1	27.1
108	21.8	17.2	25.8

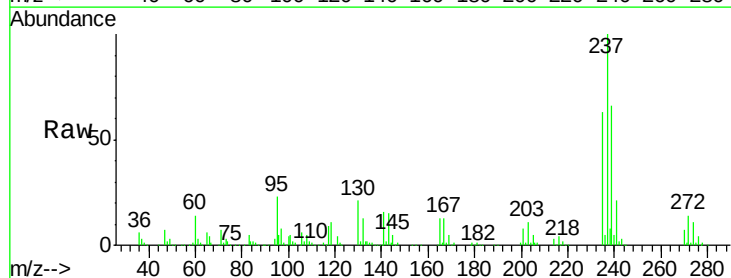


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

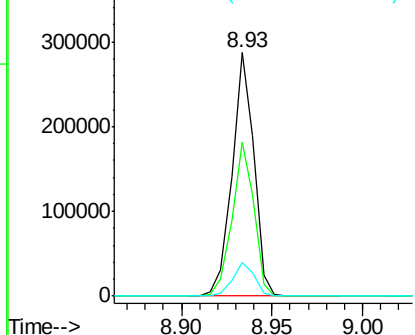
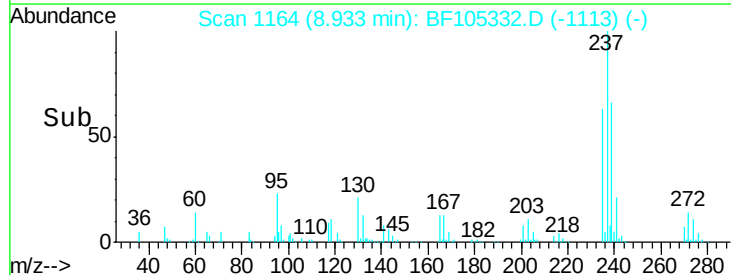


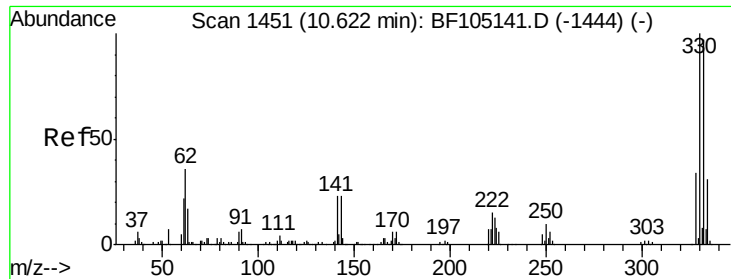
#40
 Hexachlorocyclopentadiene
 Concen: 37.33 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion:	237	Resp:	240861
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.8	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

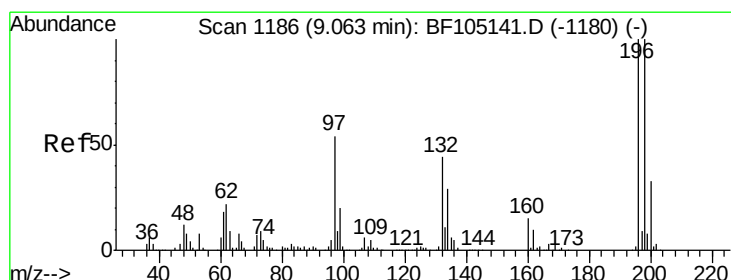
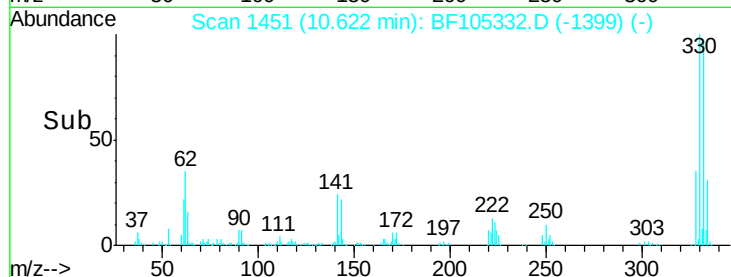
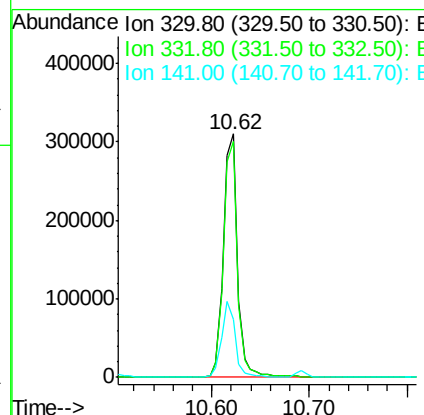
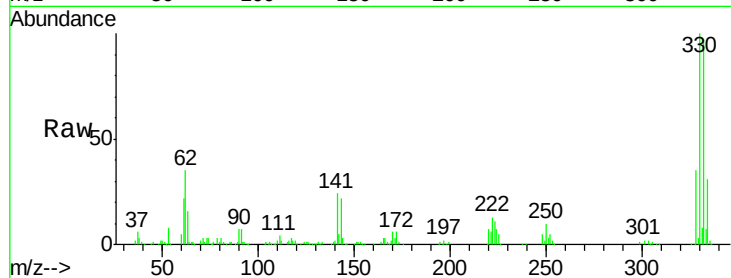




#41
 2,4,6-Tribromophenol
 Concen: 76.90 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

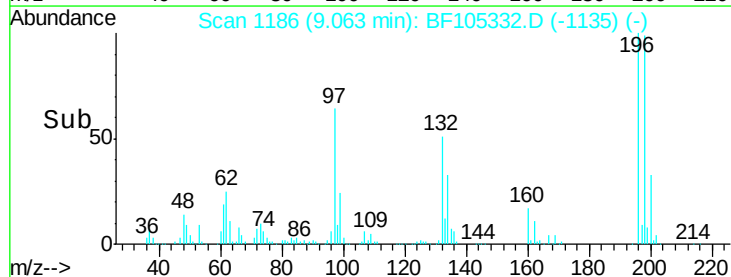
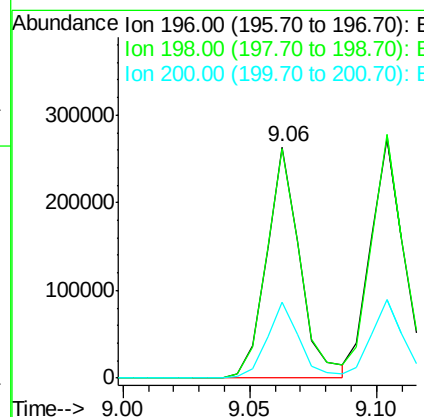
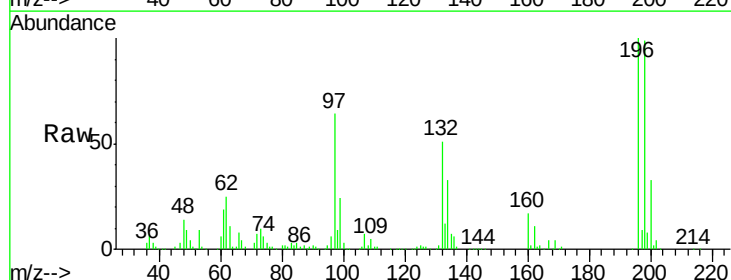
Instrument :
 BNA_F
 ClientSampleId :

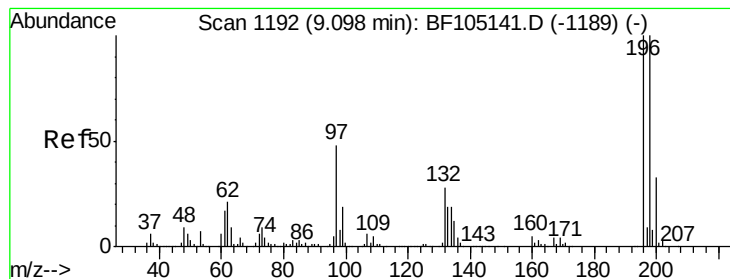
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	30.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.35 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	75.7	113.5
200	32.8	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 38.45 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 269359

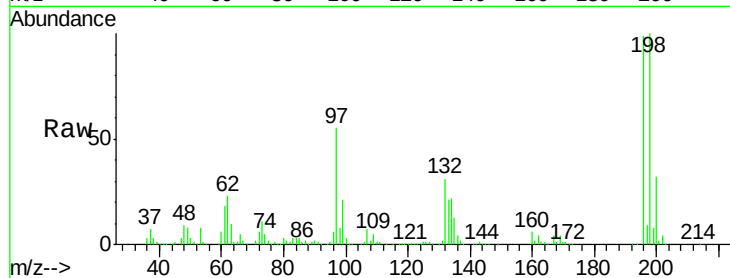
Ion Ratio Lower Upper

196 100

198 101.5 74.6 112.0

97 55.5 42.9 64.3

132 31.6 26.3 39.5

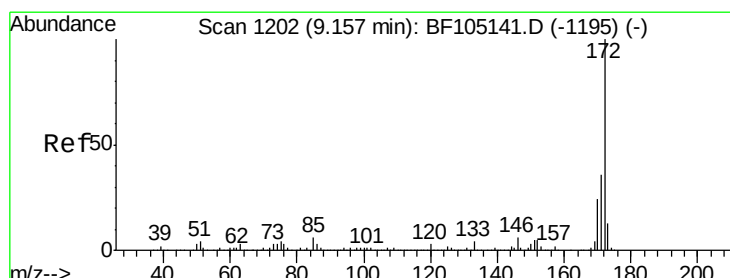
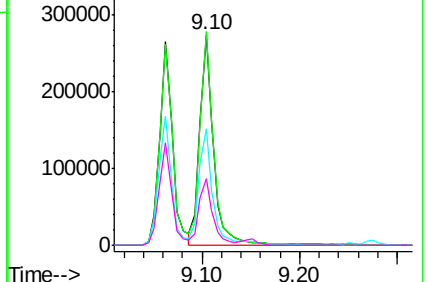
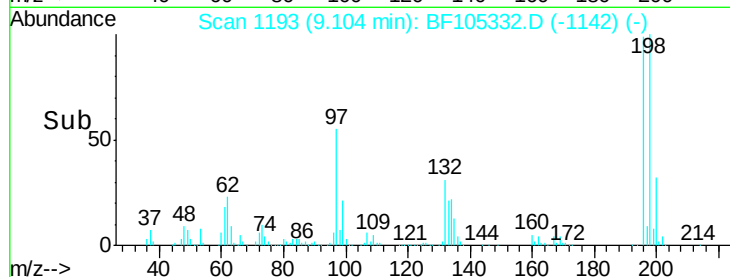


Abundance Ion 196.00 (195.70 to 196.70): E

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: 71.42 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

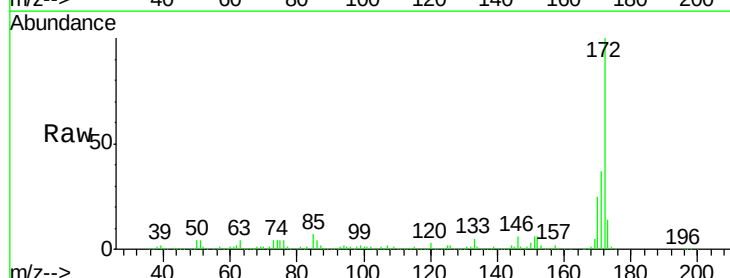
Tgt Ion:172 Resp: 1566050

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

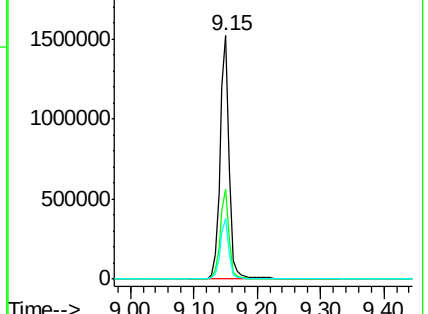
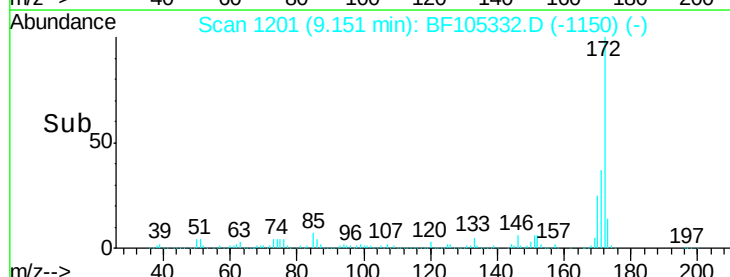
170 24.7 19.6 29.4

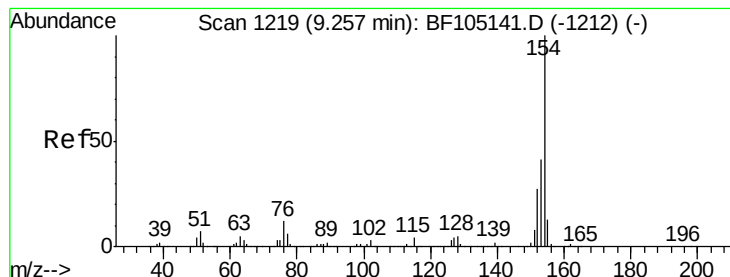


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.03 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

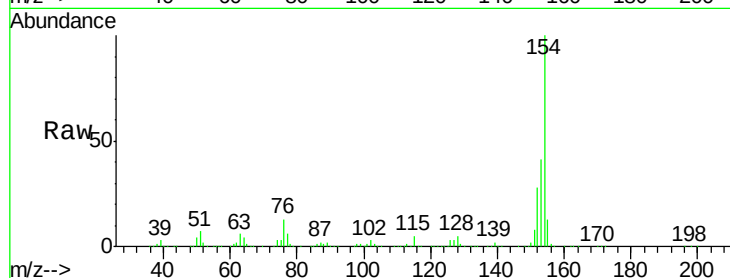
Tot Ion:154 Resp: 1041520

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

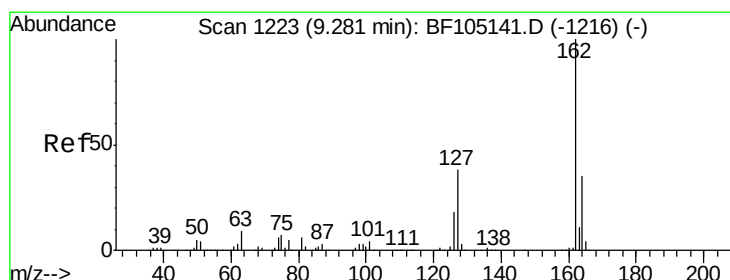
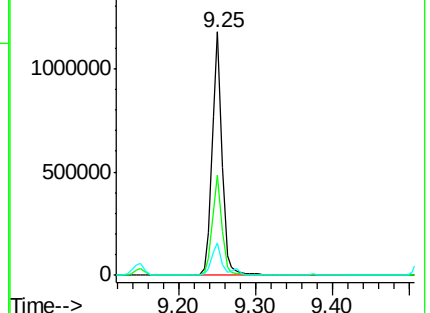
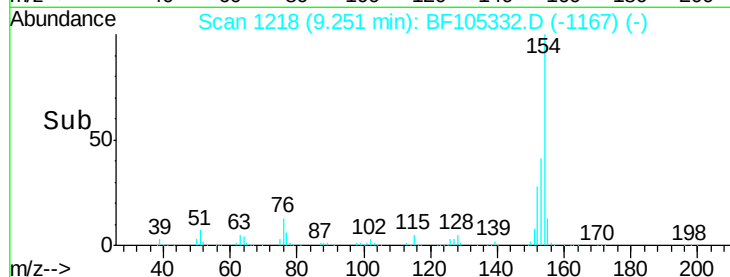
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.60 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

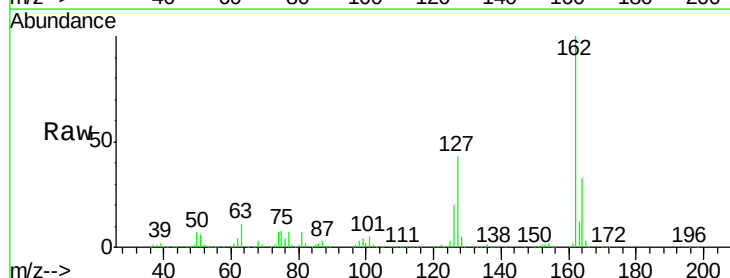
Tgt Ion:162 Resp: 792097

Ion Ratio Lower Upper

162 100

127 42.9 33.9 50.9

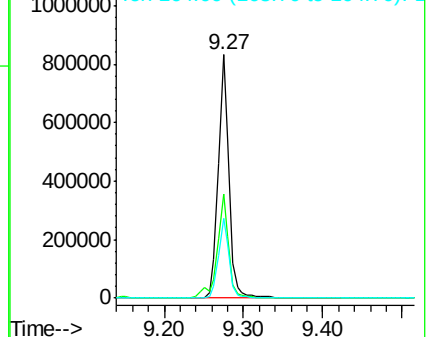
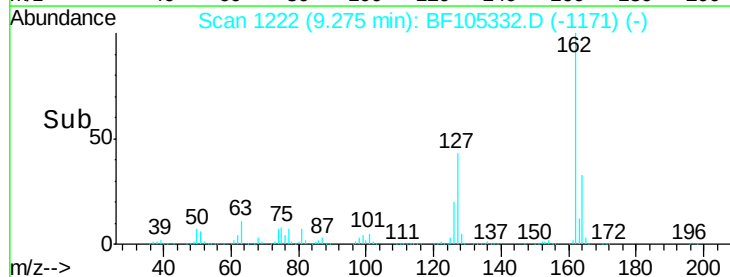
164 32.8 26.5 39.7

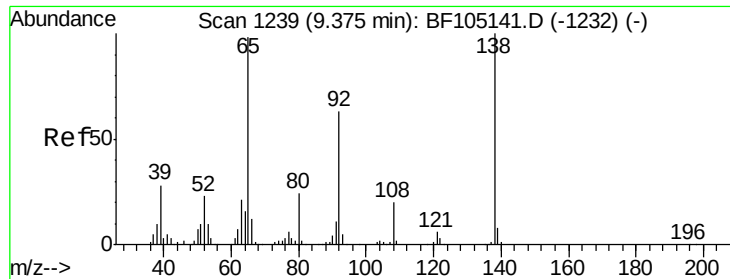


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

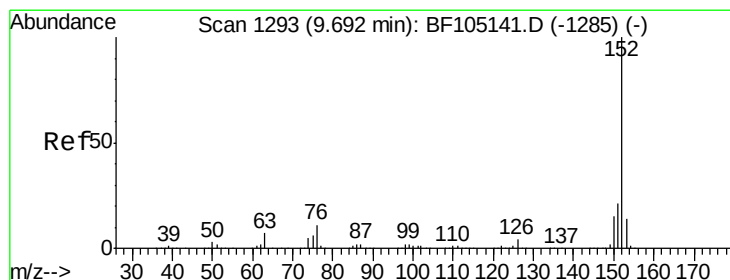
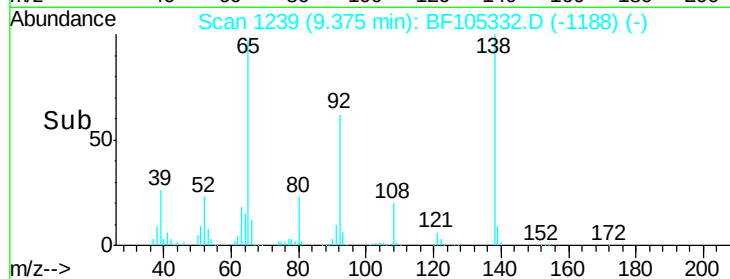
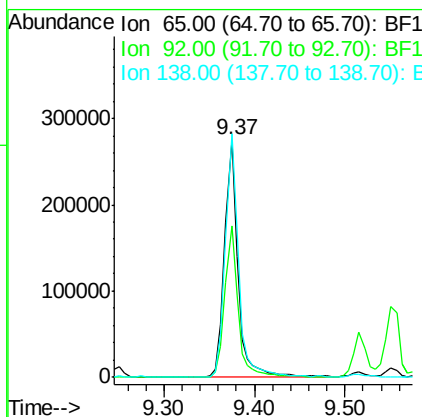
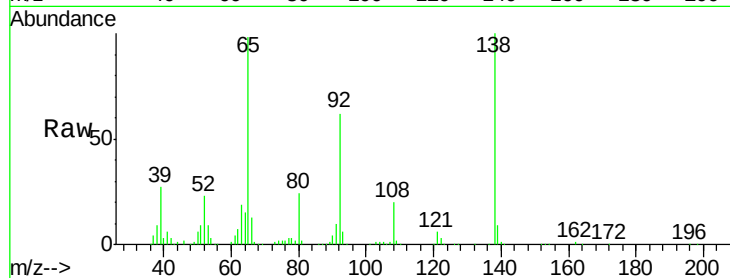




#47
2-Nitroaniline
Concen: 39.80 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

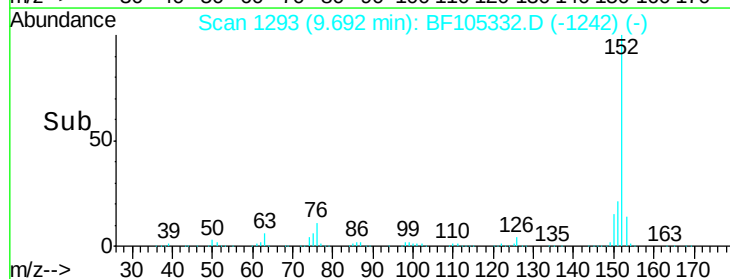
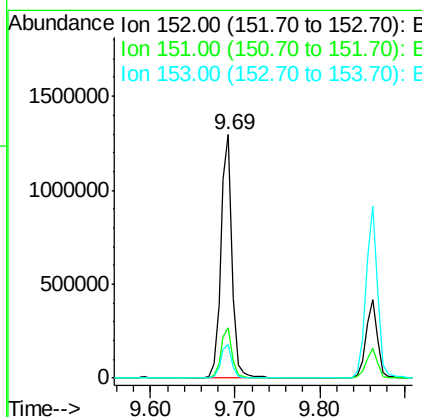
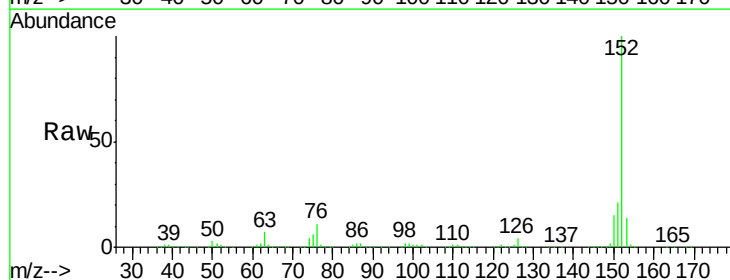
Instrument :
BNA_F
ClientSampleId :

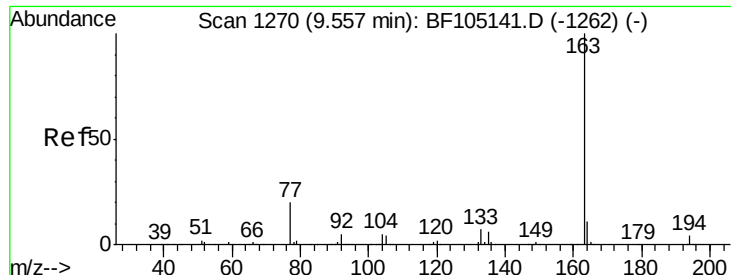
Tot Ion	65	Resp	281697
Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	102.5	91.2	136.8



#48
Acenaphthylene
Concen: 37.69 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion	152	Resp	1216950
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.8	10.7	16.1

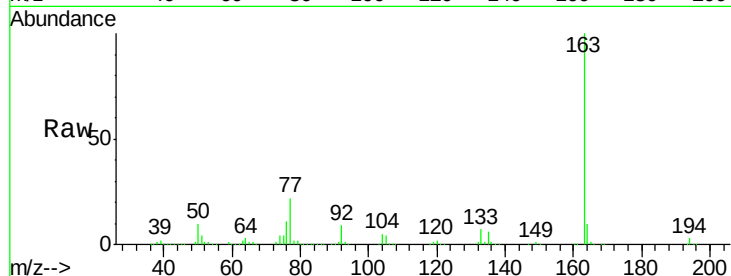




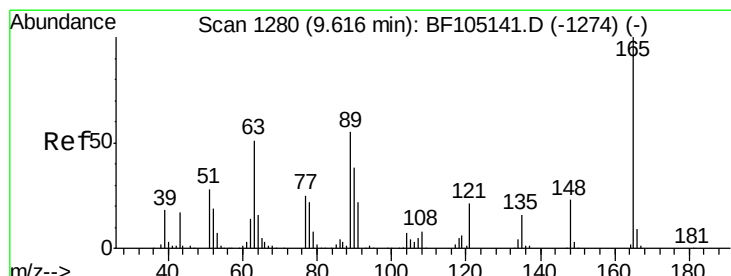
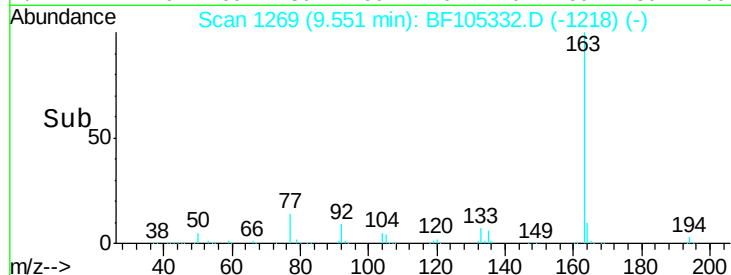
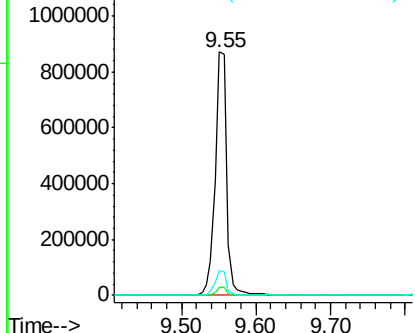
#49
Dimethylphthalate
Concen: 38.19 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 926387
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2

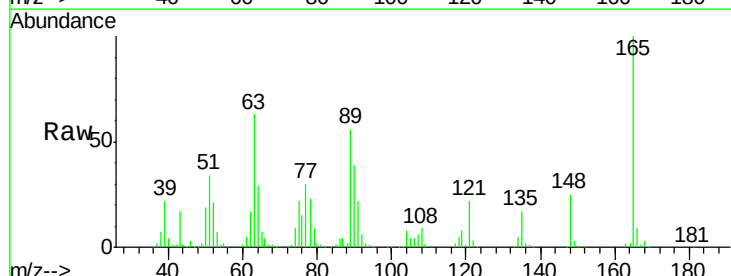


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

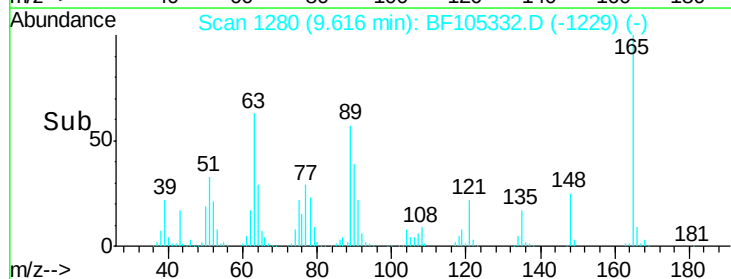
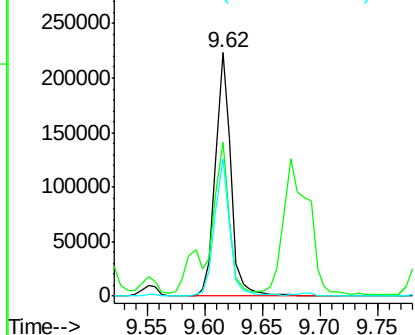


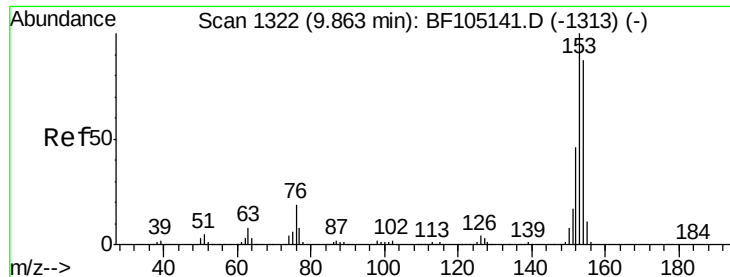
#50
2,6-Dinitrotoluene
Concen: 39.09 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:165 Resp: 208770
Ion Ratio Lower Upper
165 100
63 63.0 44.7 67.1
89 56.4 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: 34.25 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

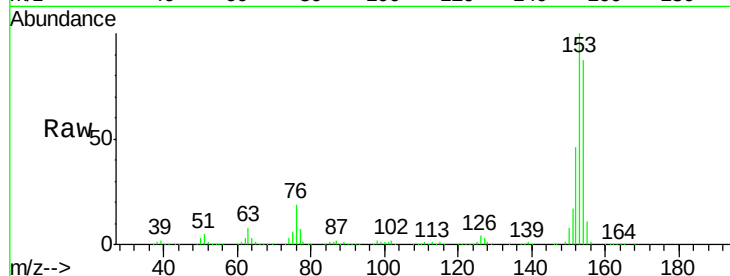
Tot Ion:154 Resp: 731988

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

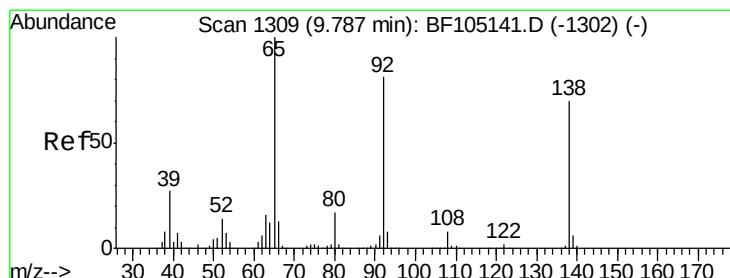
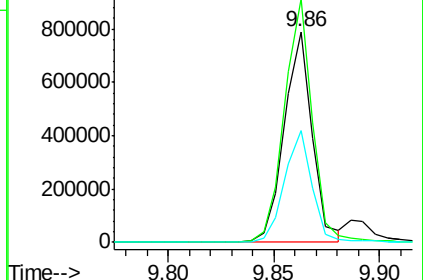
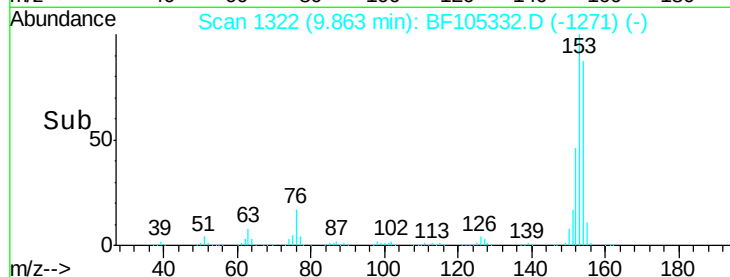
152 53.2 43.8 65.8



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: 39.77 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

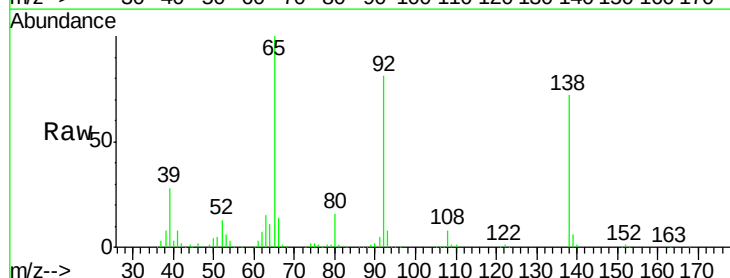
Tgt Ion:138 Resp: 244733

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

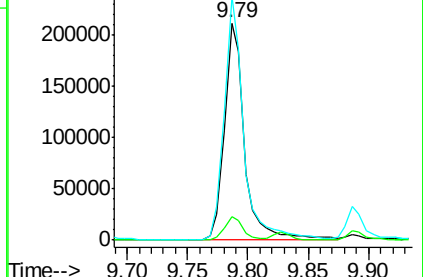
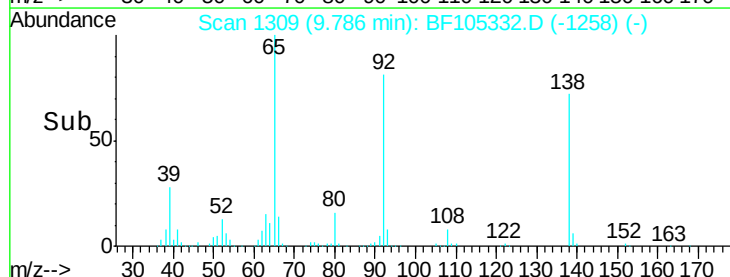
92 112.1 89.4 134.2

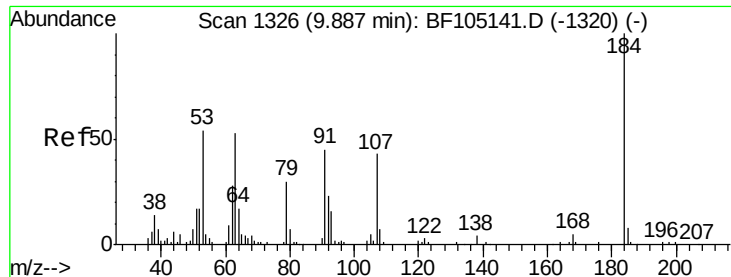


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

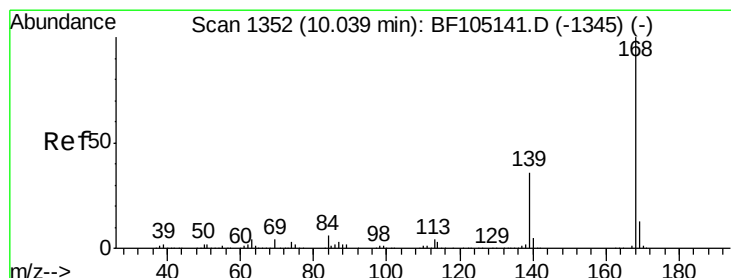
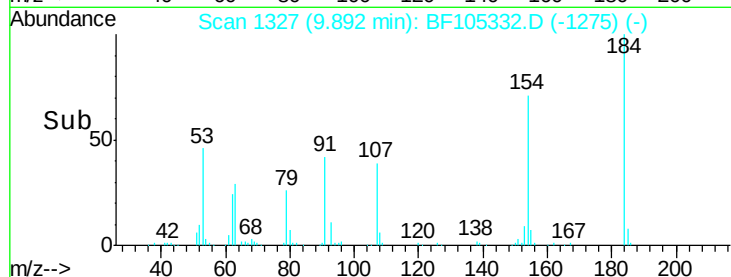
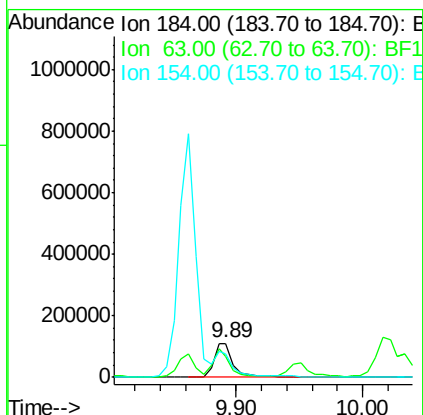
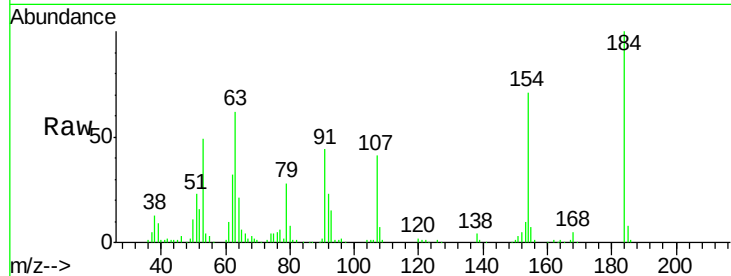




#53
2,4-Dinitrophenol
Concen: 38.62 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

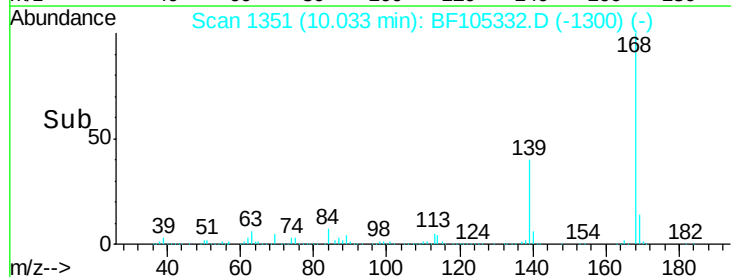
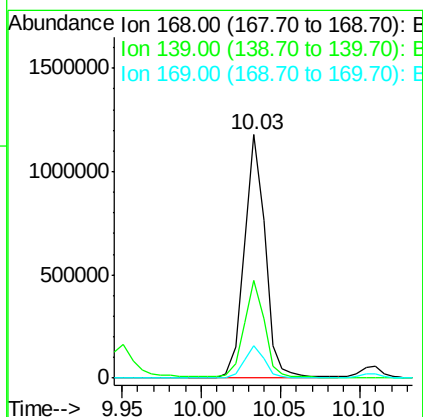
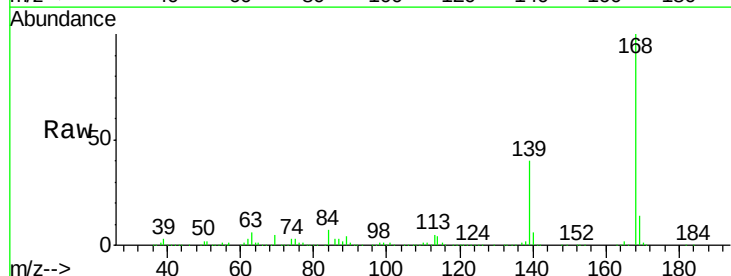
Instrument :
BNA_F
ClientSampled :

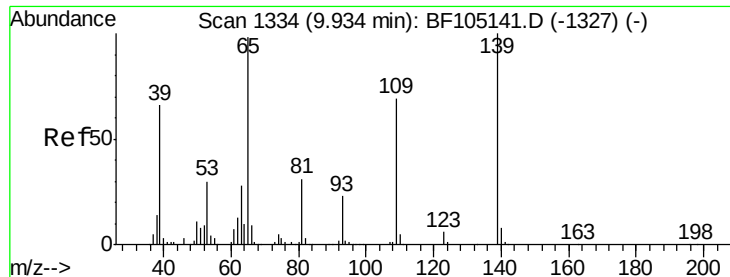
Tot Ion:184 Resp: 121218
Ion Ratio Lower Upper
184 100
63 62.4 54.2 81.2
154 71.2 184.0 276.0#



#54
Dibenzofuran
Concen: 37.42 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:168 Resp: 1074424
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.5 10.9 16.3

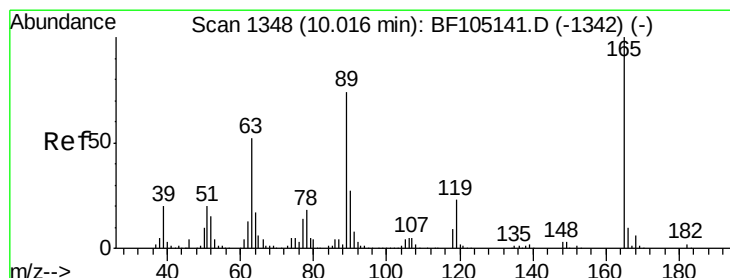
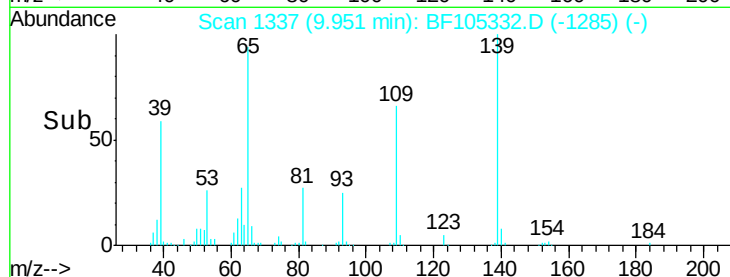
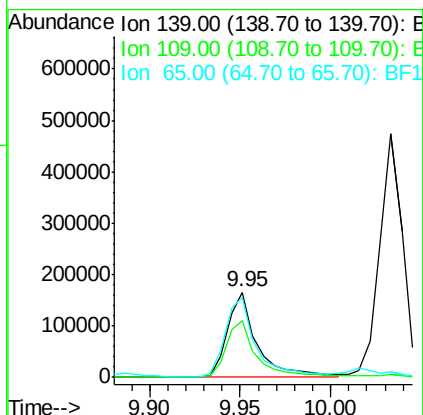
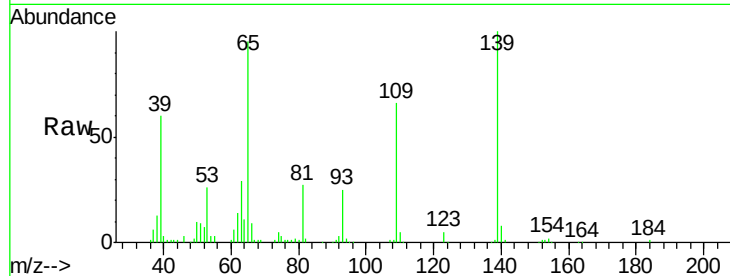




#55
4-Nitrophenol
Concen: 37.56 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

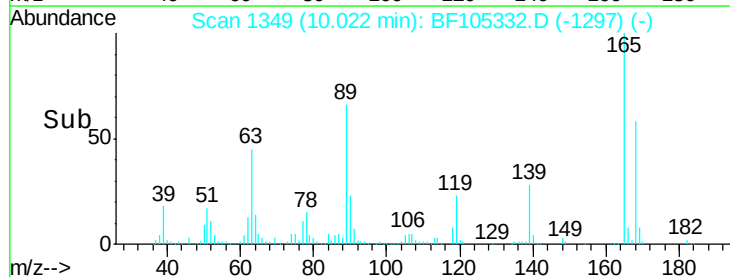
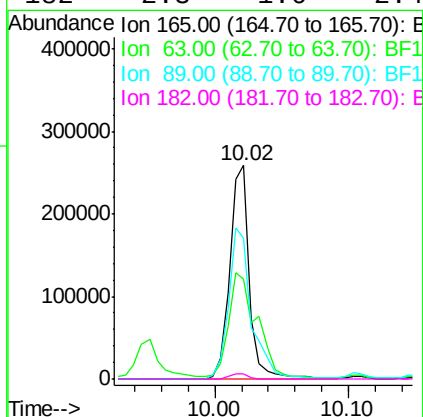
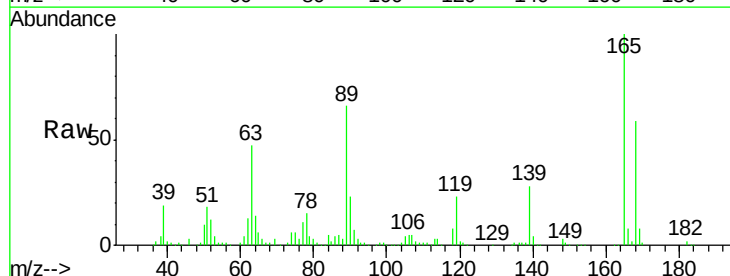
Instrument :
BNA_F
ClientSampleId :

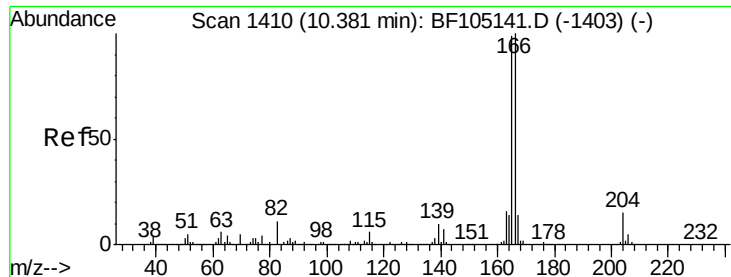
Tot Ion:139 Resp: 189062
Ion Ratio Lower Upper
139 100
109 66.4 48.4 88.4
65 94.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.70 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:165 Resp: 268946
Ion Ratio Lower Upper
165 100
63 46.6 36.4 54.6
89 65.9 57.8 86.6
182 2.3 1.6 2.4

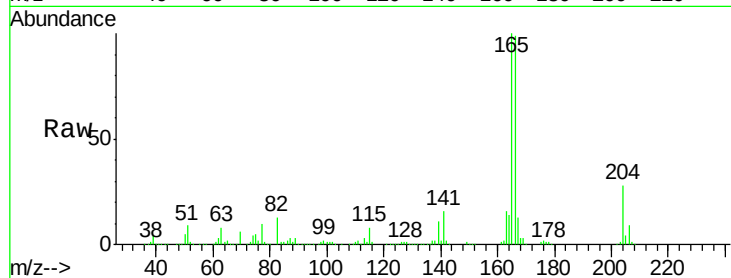




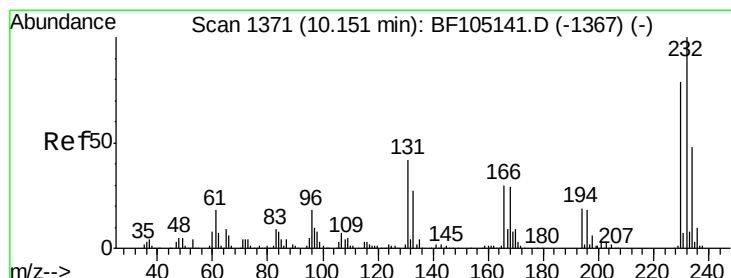
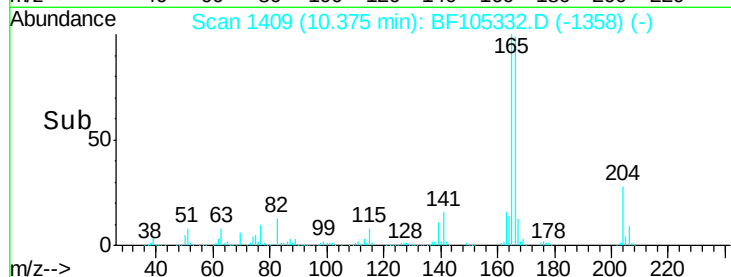
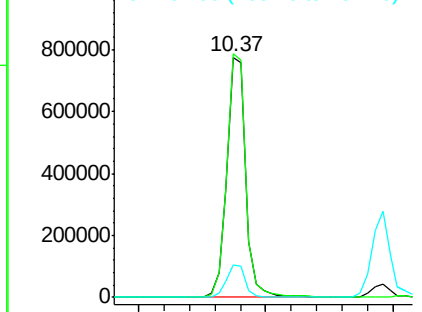
#57
 Fluorene
 Concen: 36.68 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 796874
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 13.6 10.6 16.0



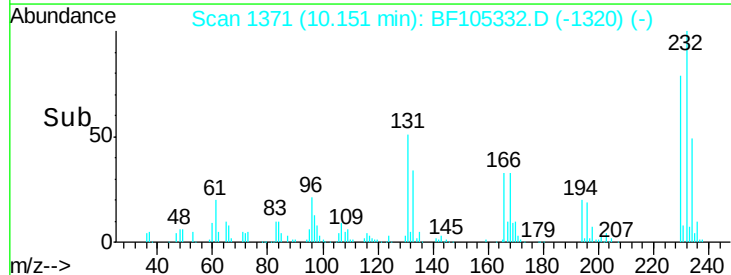
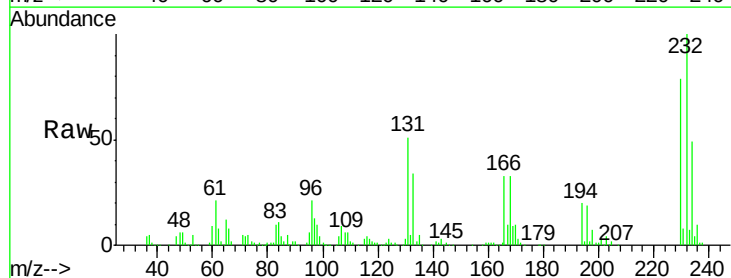
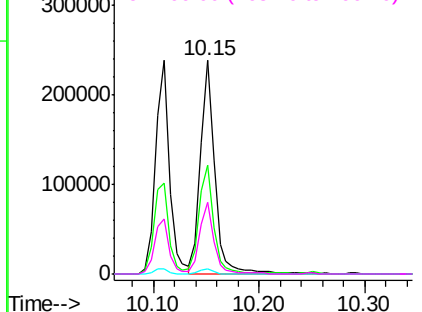
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

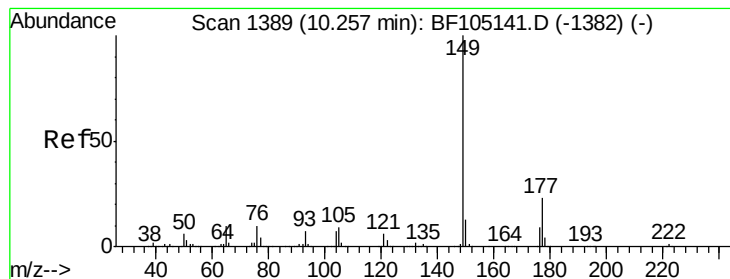


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.36 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion:232 Resp: 222026
 Ion Ratio Lower Upper
 232 100
 131 51.8 43.8 65.8
 130 2.4 2.1 3.1
 166 32.7 27.8 41.6

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





#59

Diethylphthalate

Concen: 37.14 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

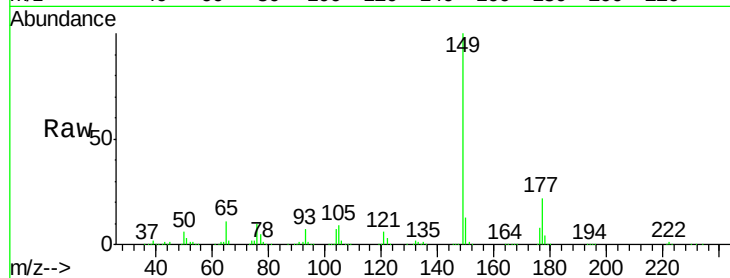
Tot Ion:149 Resp: 898909

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

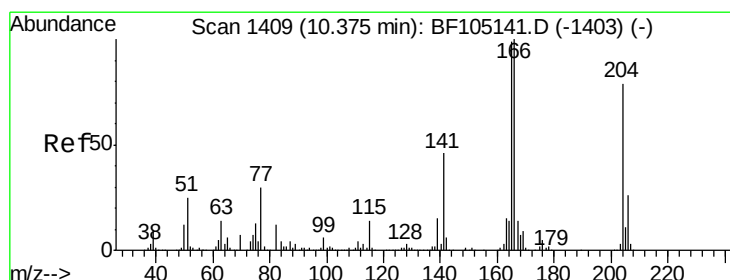
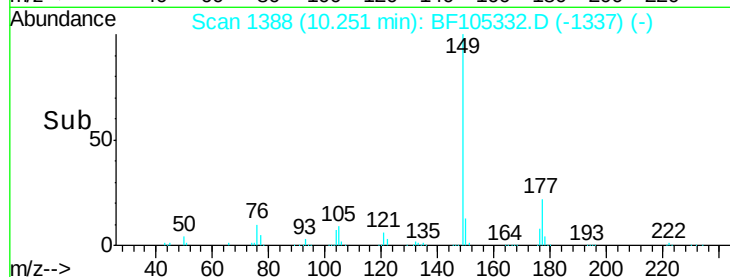
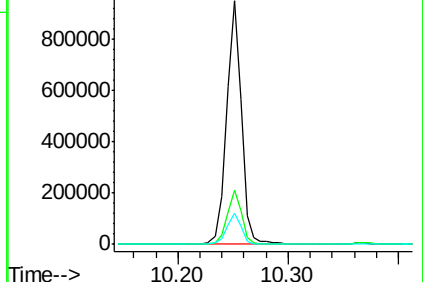
150 12.6 10.1 15.1



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: 36.83 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

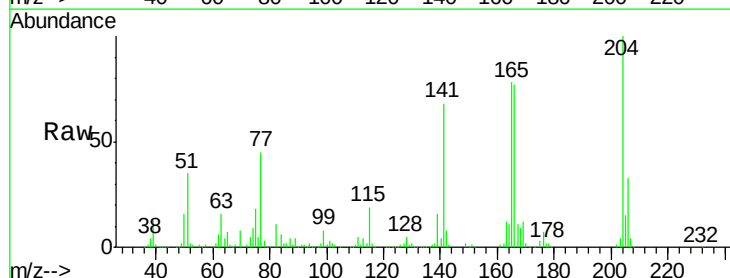
Tgt Ion:204 Resp: 370598

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

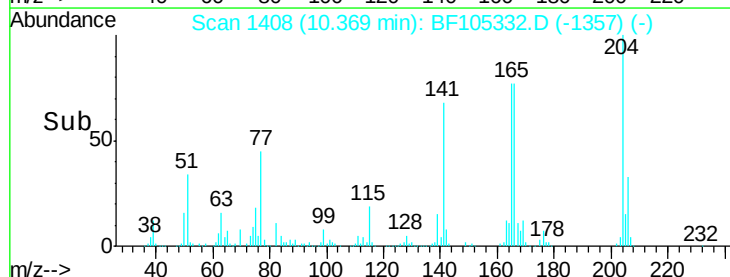
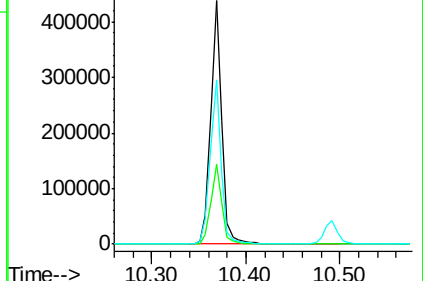
141 67.7 54.6 81.8

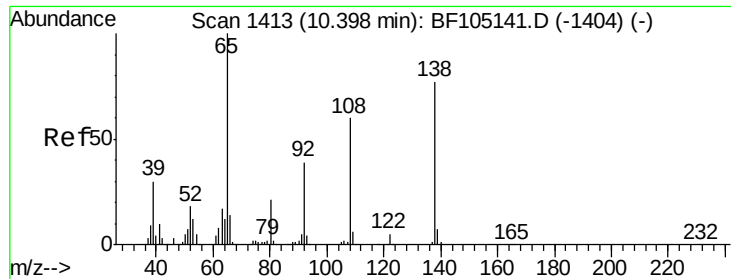


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

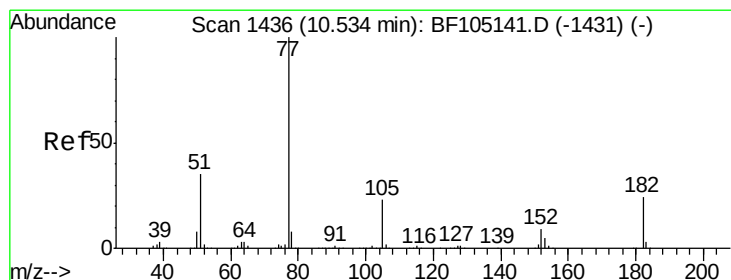
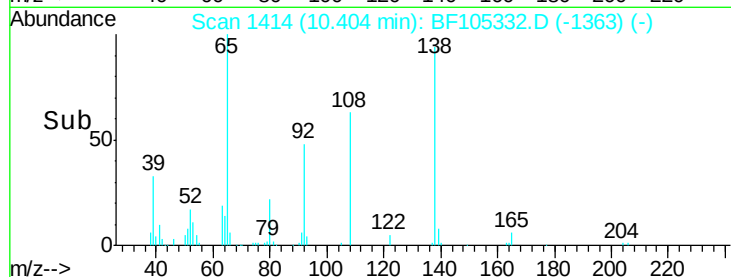
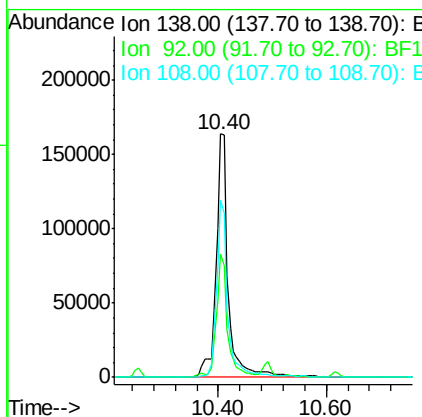
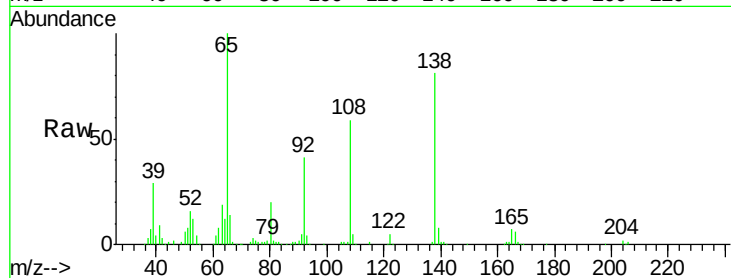




#61
4-Nitroaniline
Concen: 41.87 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

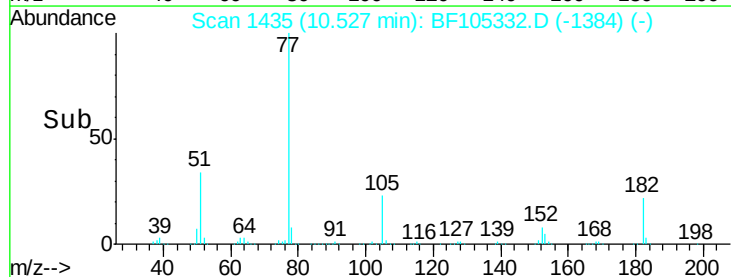
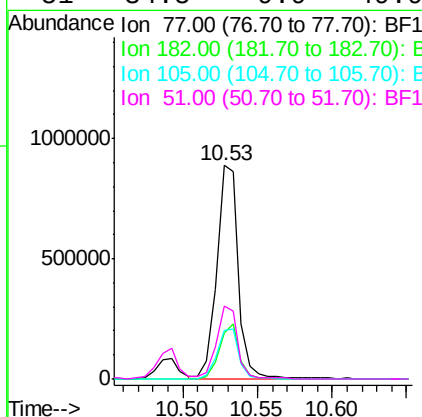
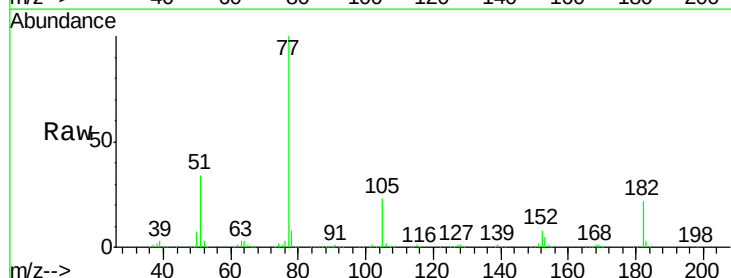
Instrument :
BNA_F
ClientSampleId :

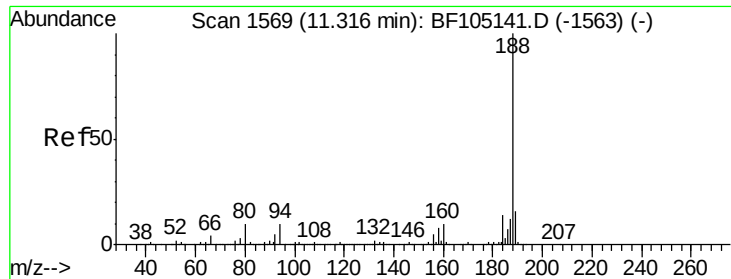
Tot Ion:138 Resp: 257645
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 72.9 52.5 92.5



#62
Azobenzene
Concen: 37.89 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion: 77 Resp: 897497
Ion Ratio Lower Upper
77 100
182 21.7 1.7 41.7
105 23.0 3.0 43.0
51 34.5 9.9 49.9

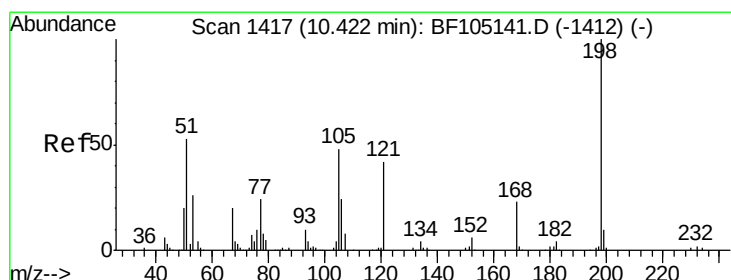
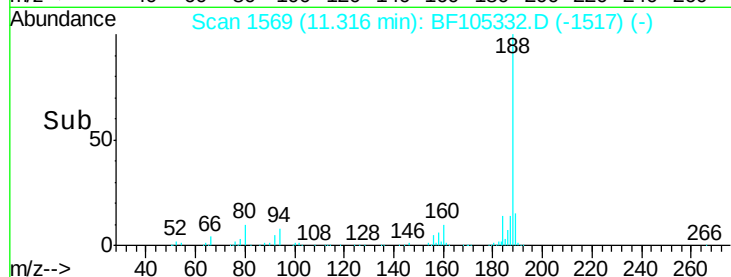
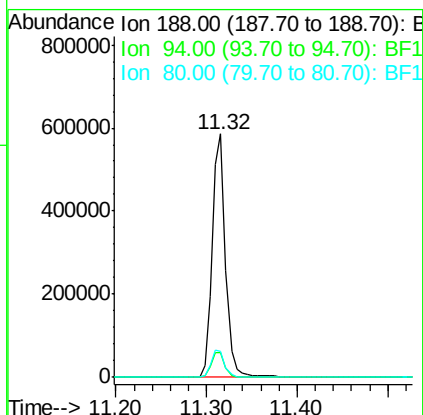
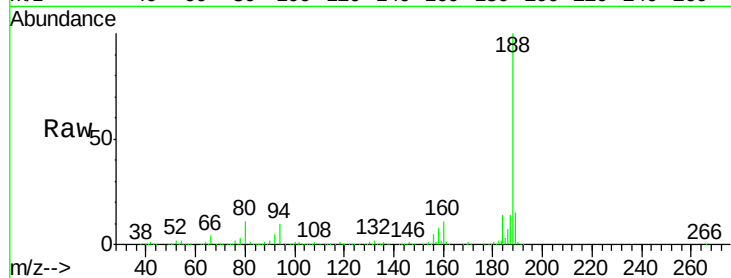




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

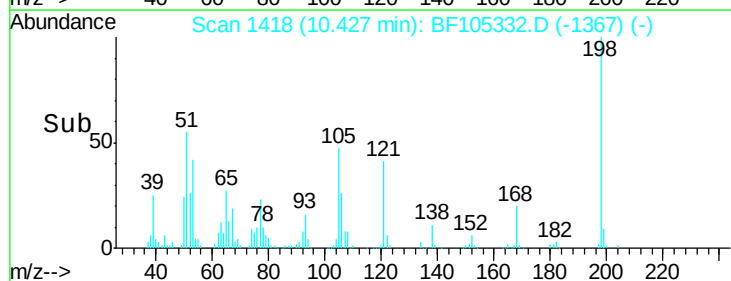
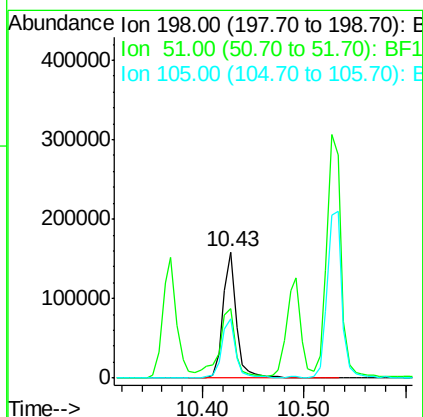
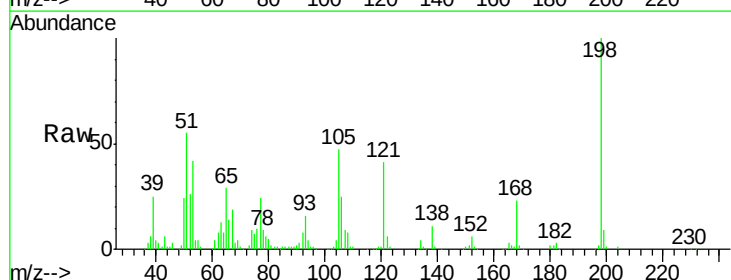
Instrument :
BNA_F
ClientSampleId :

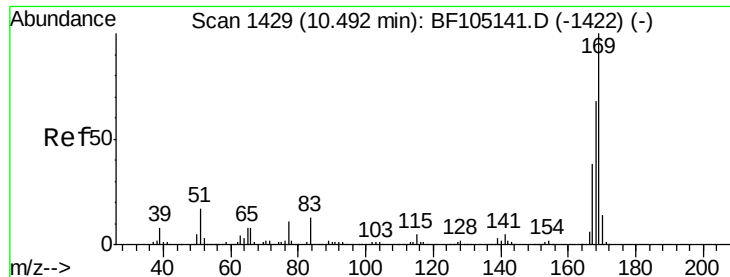
Tot Ion:188 Resp: 602735
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.58 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:198 Resp: 146659
Ion Ratio Lower Upper
198 100
51 55.4 37.7 77.7
105 47.1 36.3 76.3

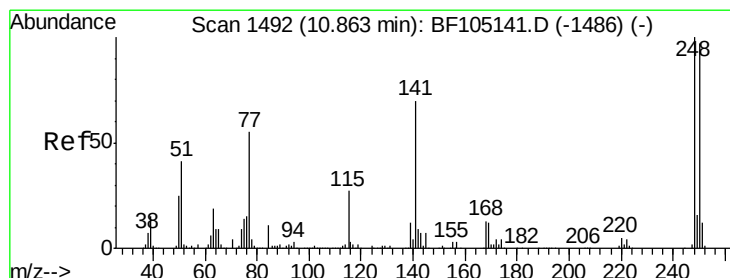
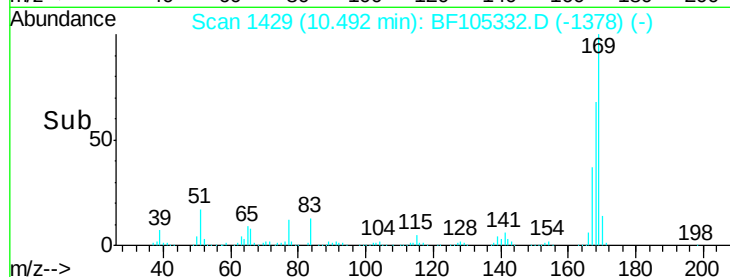
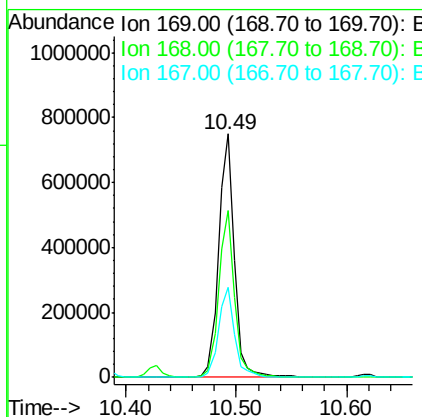
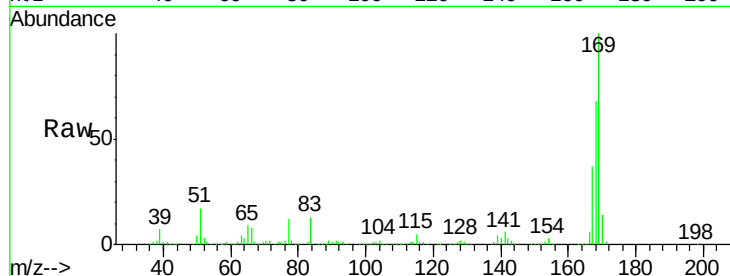




#65
 n-Nitrosodiphenylamine
 Concen: 36.88 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

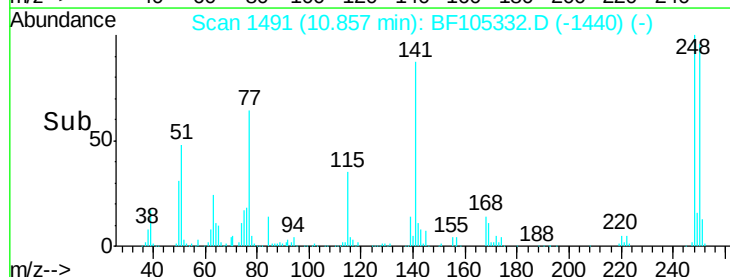
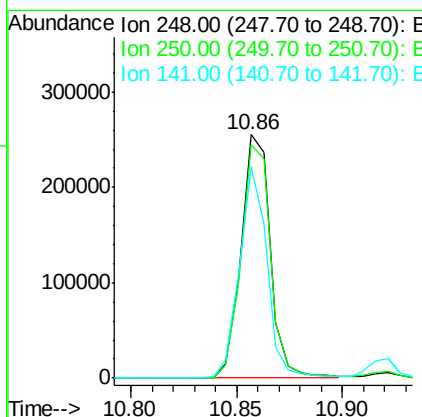
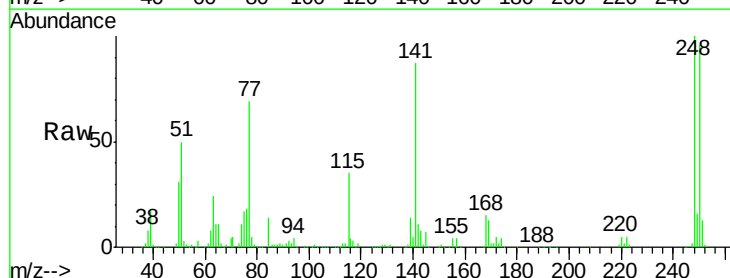
Instrument :
 BNA_F
 ClientSampleId :

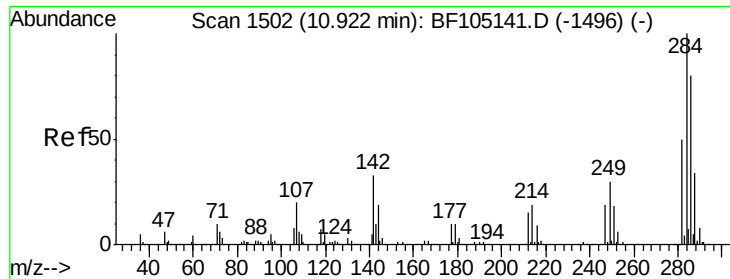
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.57 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	86.9	74.4	111.6

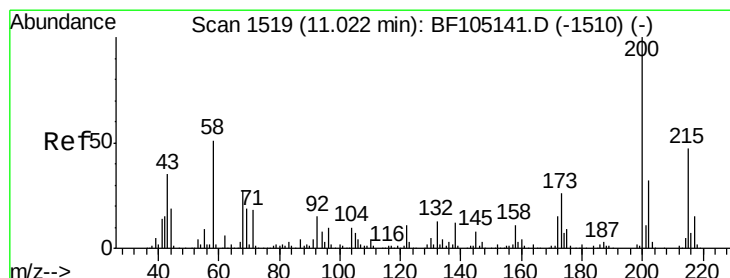
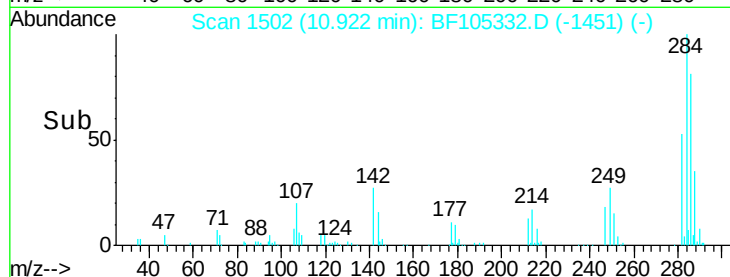
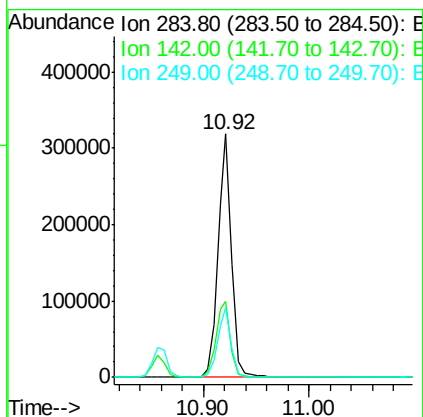
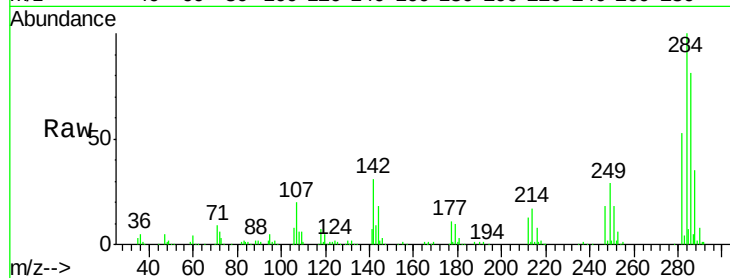




#67
Hexachlorobenzene
Concen: 37.58 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

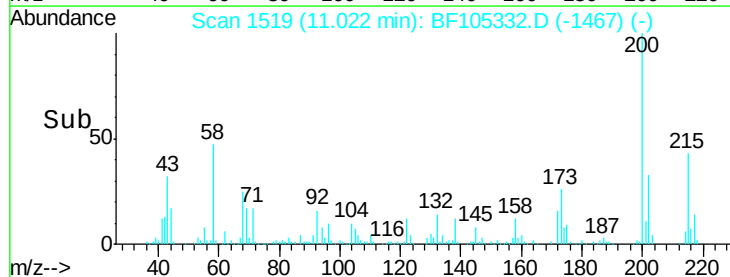
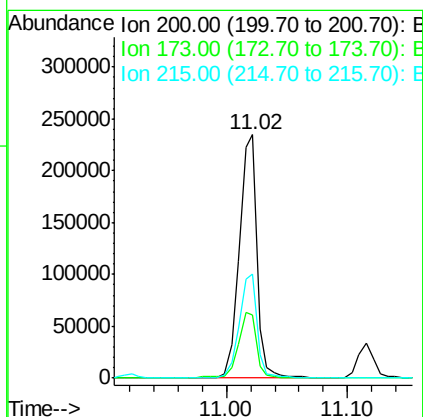
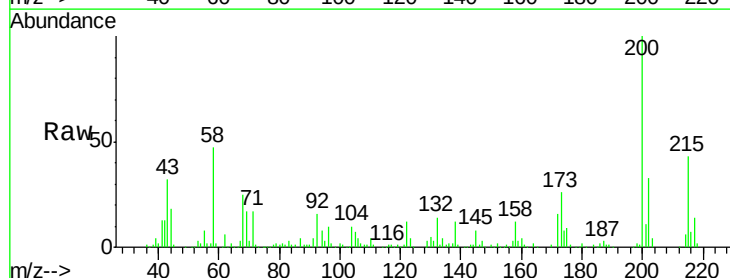
Instrument :
BNA_F
ClientSampleId :

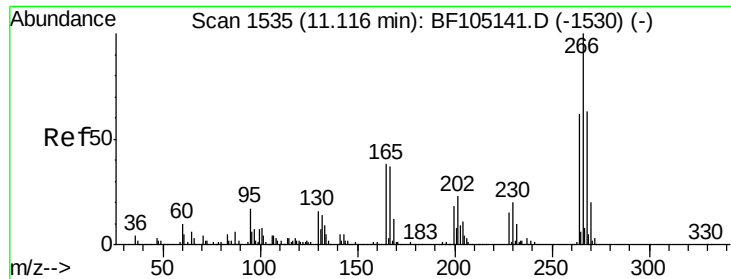
Tot Ion:284 Resp: 287968
Ion Ratio Lower Upper
284 100
142 31.5 34.6 52.0#
249 28.7 24.8 37.2



#68
Atrazine
Concen: 37.53 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:200 Resp: 241126
Ion Ratio Lower Upper
200 100
173 26.1 8.6 48.6
215 42.9 25.1 65.1





#69

Pentachlorophenol

Concen: 37.19 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampled :

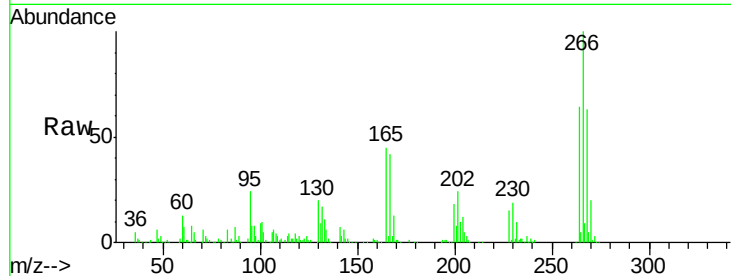
Tot Ion:266 Resp: 171956

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

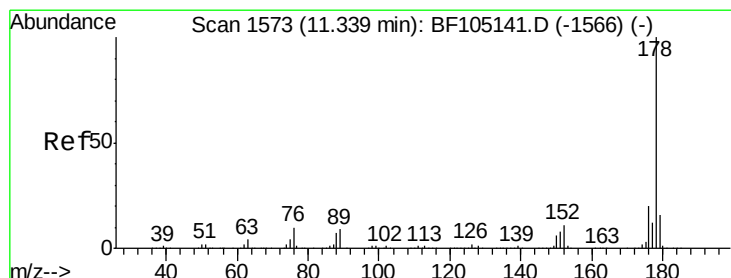
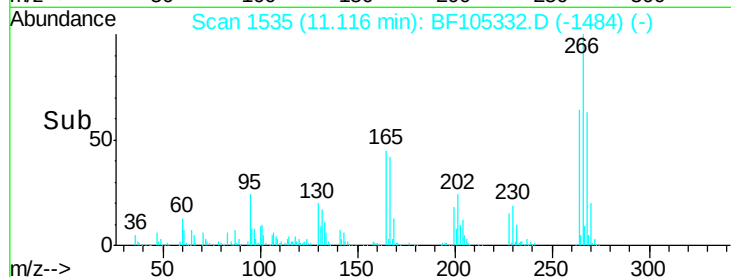
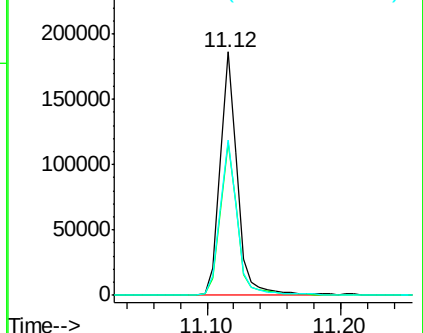
264 63.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.15 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

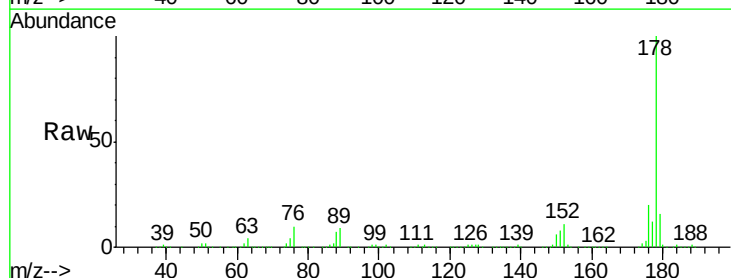
Tgt Ion:178 Resp: 1227798

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

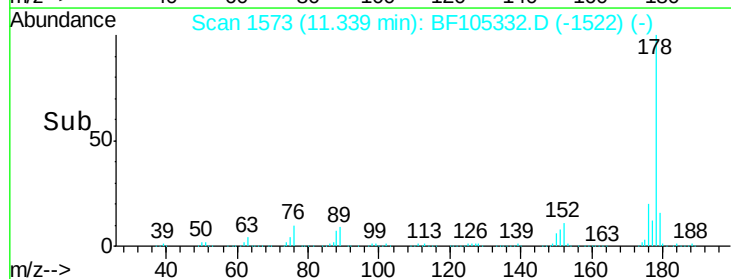
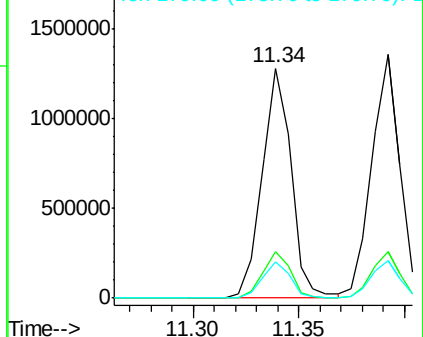
179 15.6 13.0 19.6

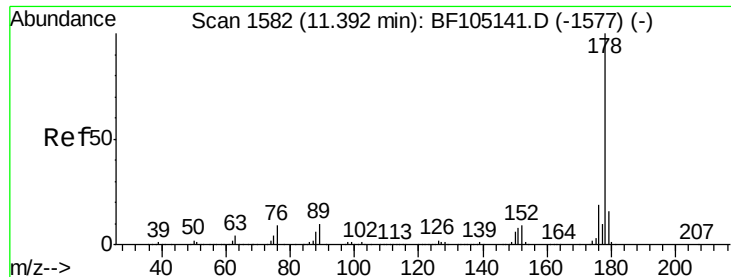


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

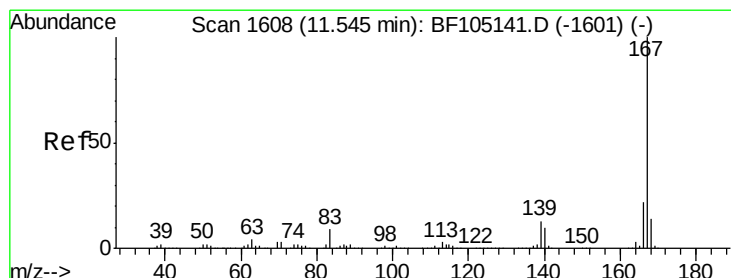
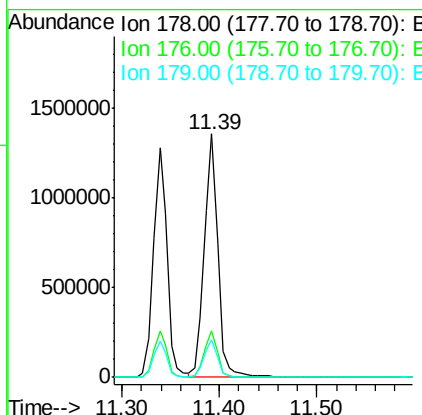
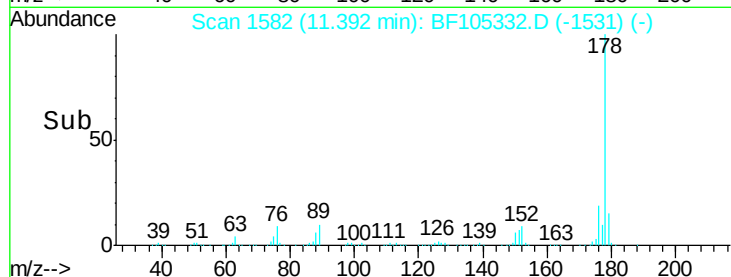
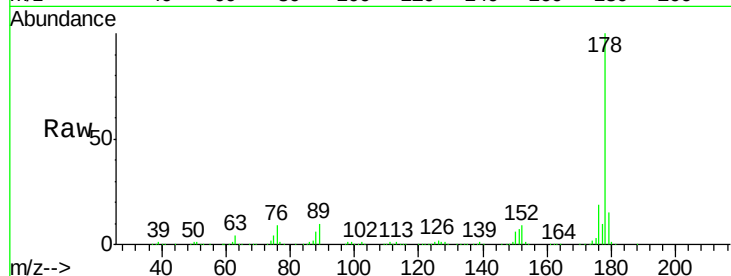




#71
 Anthracene
 Concen: 37.38 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

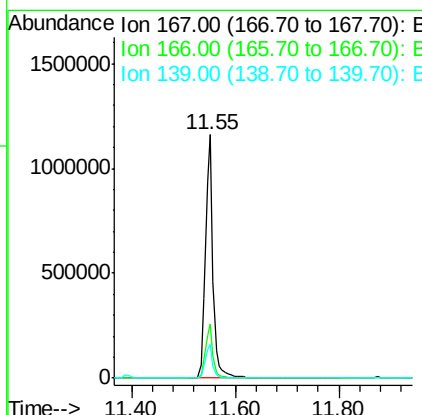
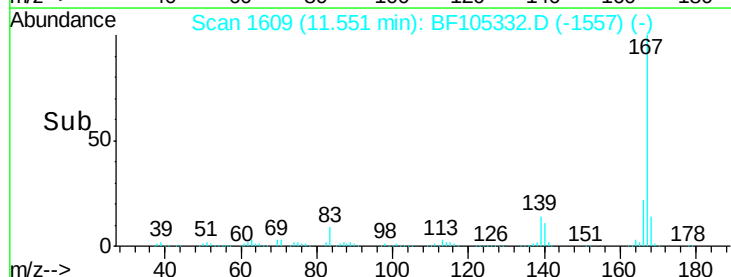
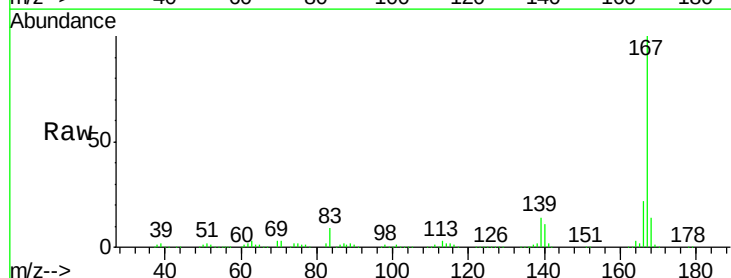
Instrument :
 BNA_F
 ClientSampleId :

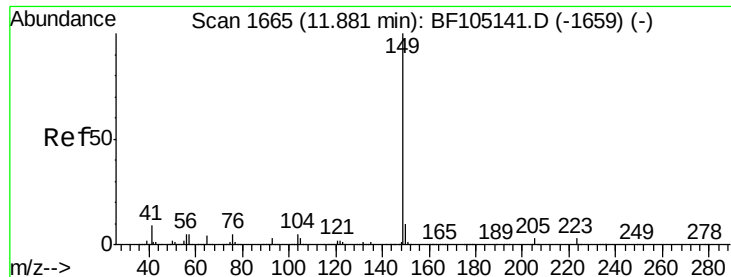
Tot Ion:178 Resp: 1314315
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 38.69 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion:167 Resp: 1190597
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.06 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

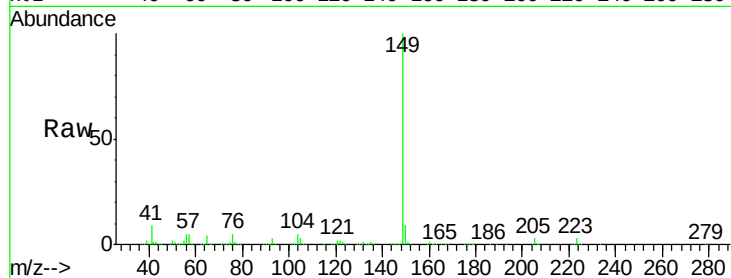
Tot Ion:149 Resp: 1408348

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

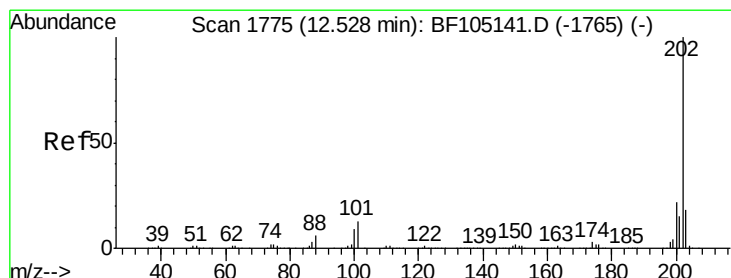
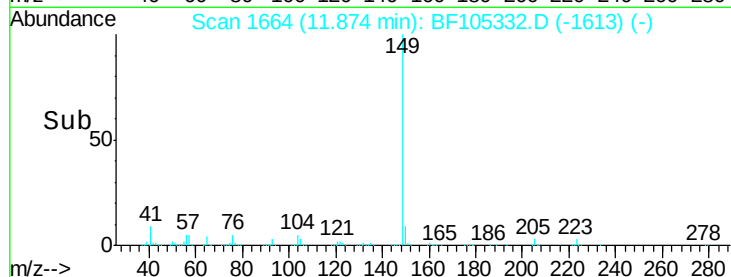
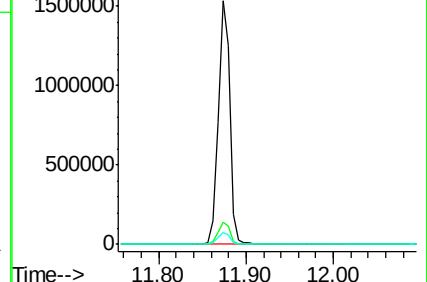
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.95 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

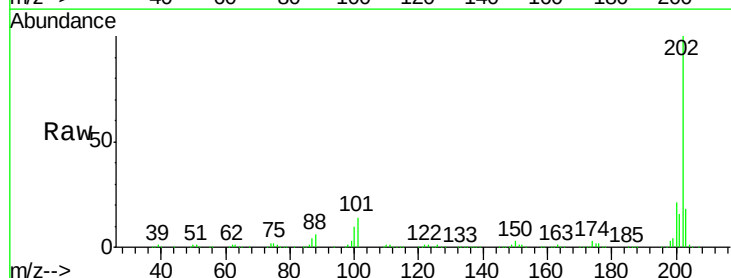
Tgt Ion:202 Resp: 1281580

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

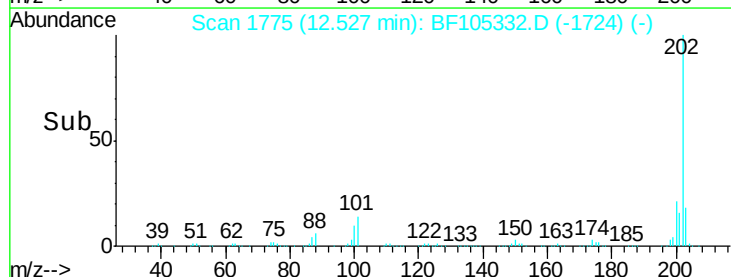
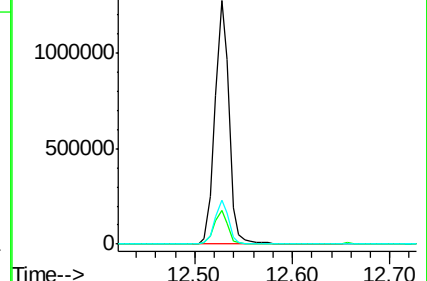
203 17.8 0.0 38.1

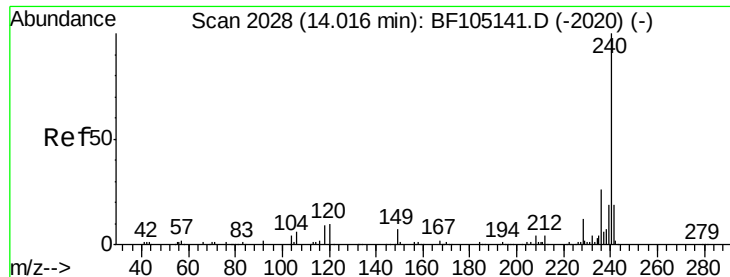


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

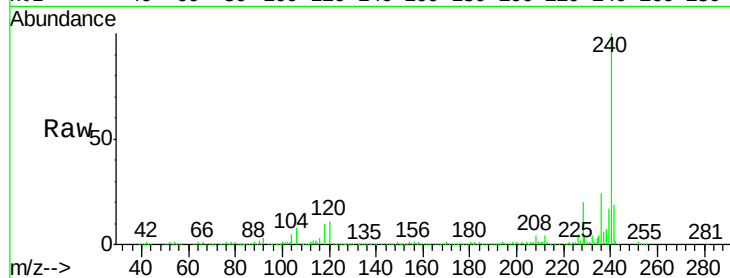
Tot Ion:240 Resp: 505646

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

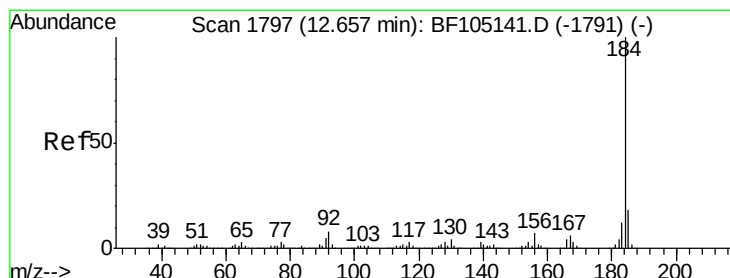
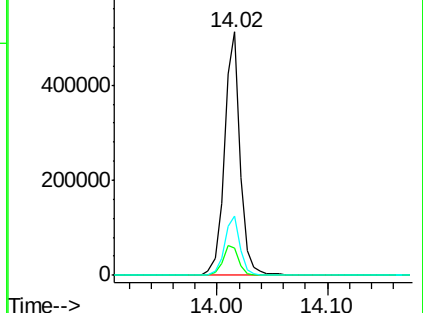
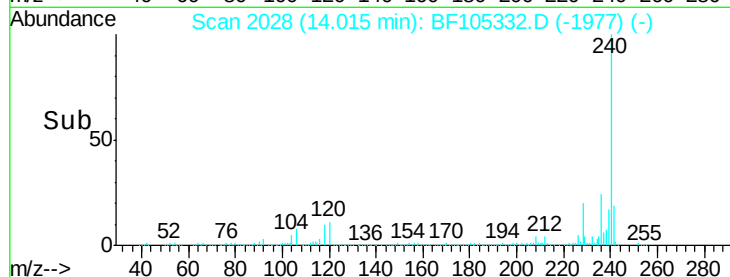
236 24.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.75 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

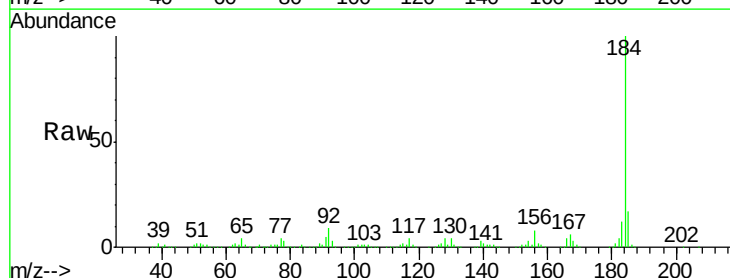
Tgt Ion:184 Resp: 788052

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

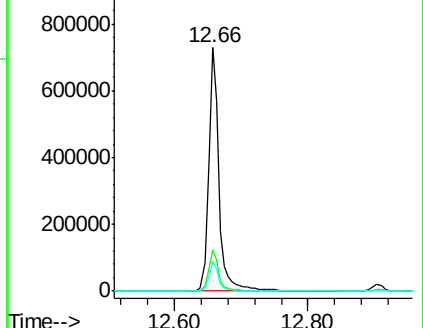
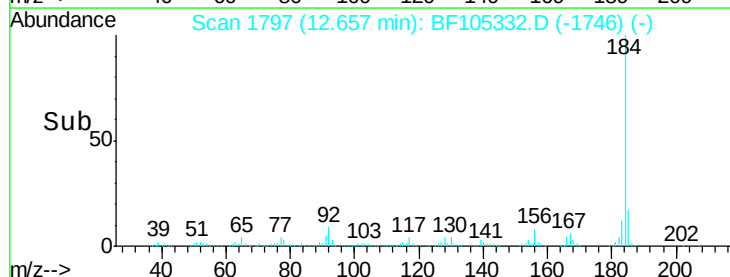
183 12.1 9.3 13.9

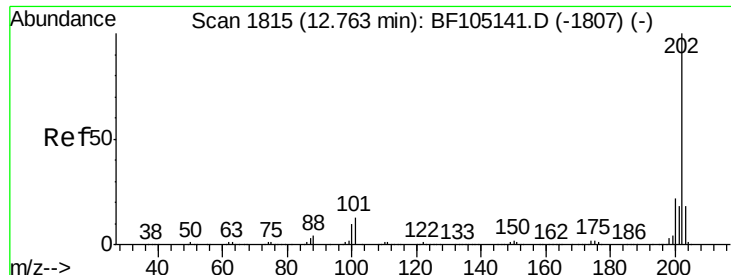


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

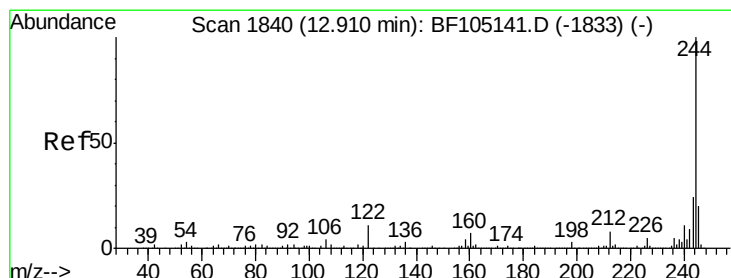
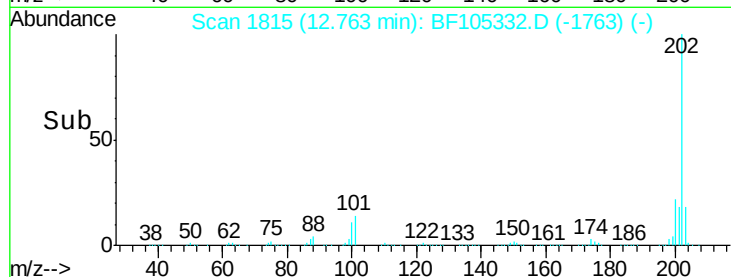
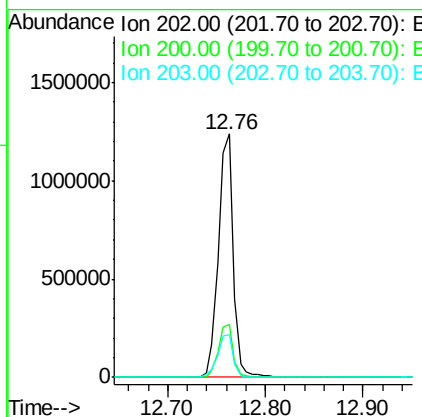
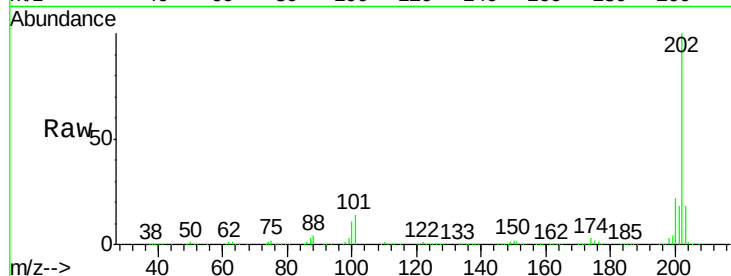




#77
 Pvrene
 Concen: 33.55 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

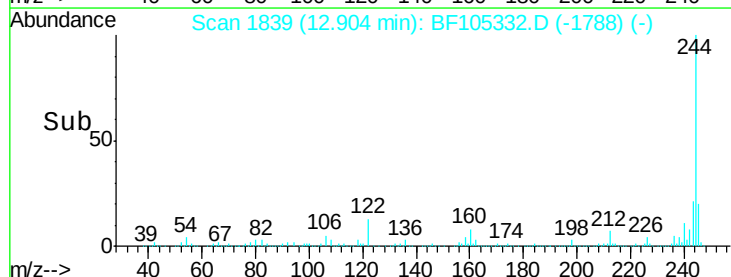
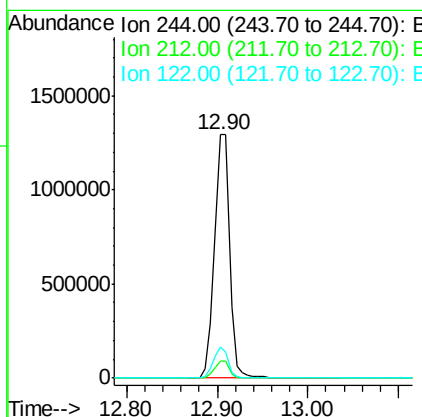
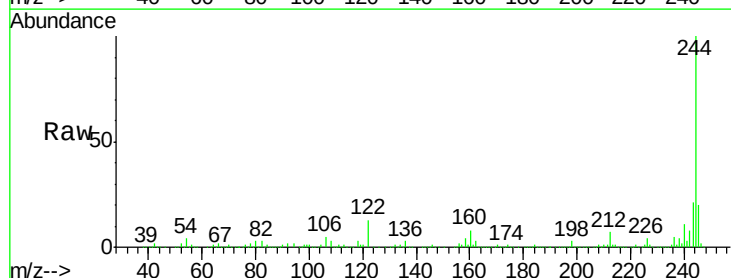
Instrument :
 BNA_F
 ClientSampleId :

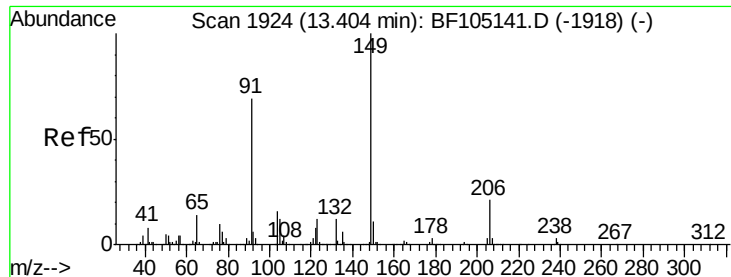
Tot Ion:202 Resp: 1309055
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 63.92 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion:244 Resp: 1503525
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.6 11.0 16.4





#79

Butylbenzylphthalate

Concen: 35.78 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

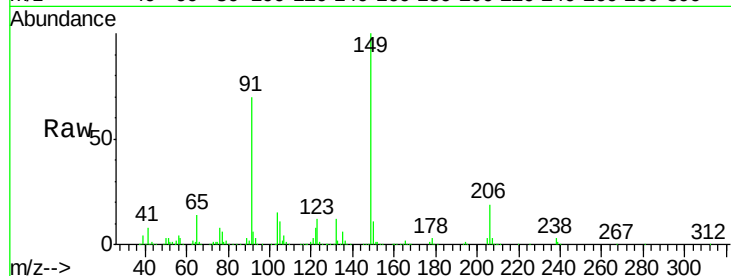
Tot Ion:149 Resp: 615031

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

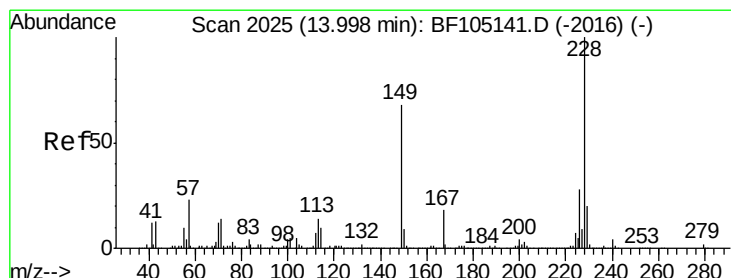
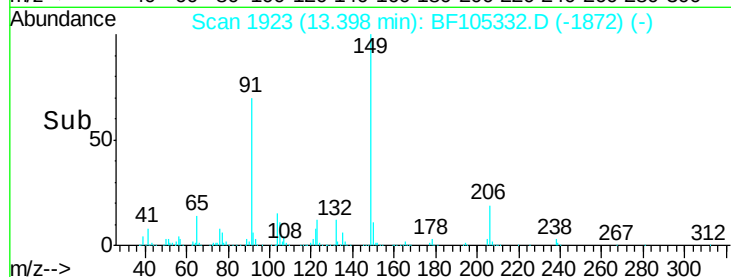
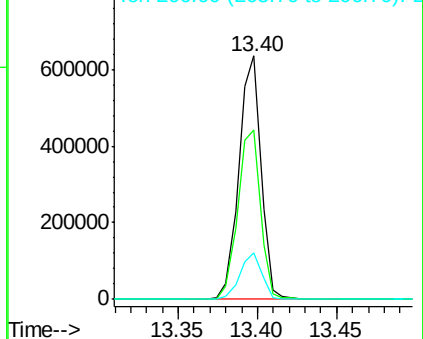
206 19.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.65 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

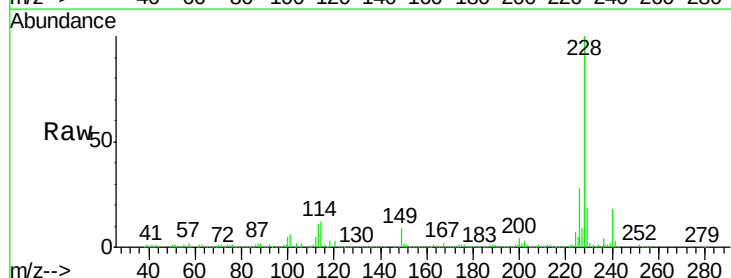
Tgt Ion:228 Resp: 1082081

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

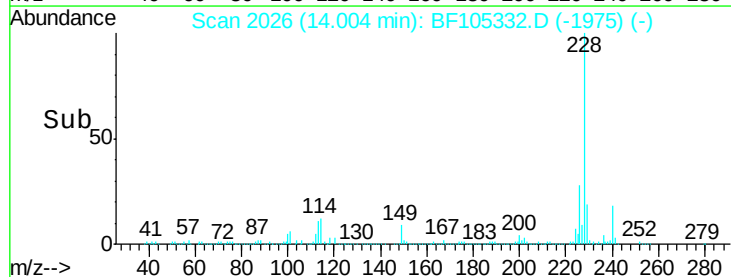
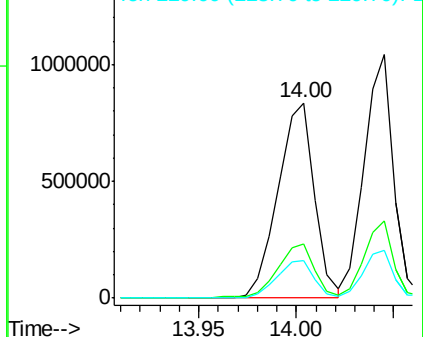
229 19.4 15.8 23.6

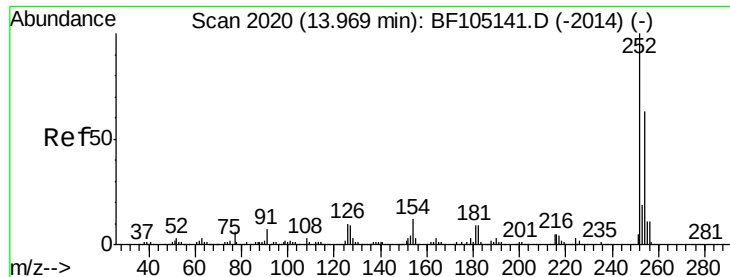


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 39.42 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

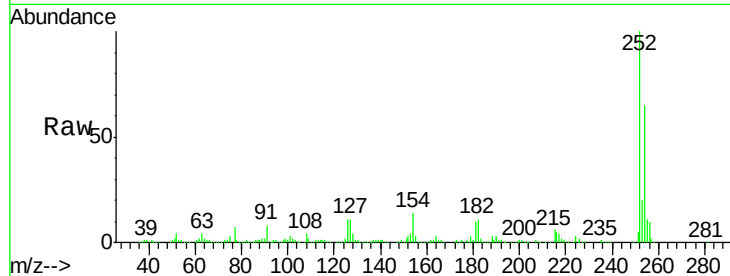
Tot Ion:252 Resp: 447824

Ion Ratio Lower Upper

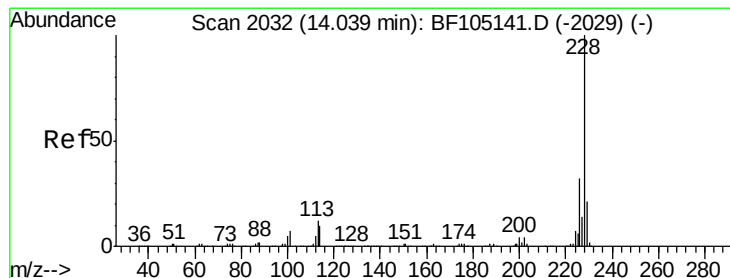
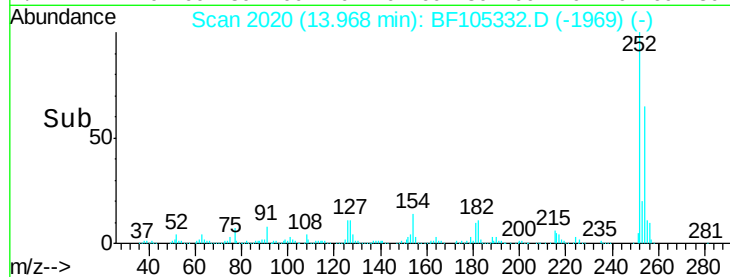
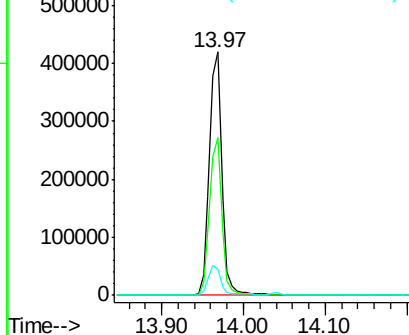
252 100

254 64.8 50.4 75.6

126 10.9 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

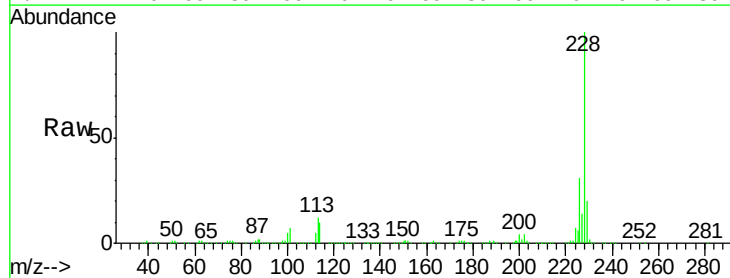
Tgt Ion:228 Resp: 1105280

Ion Ratio Lower Upper

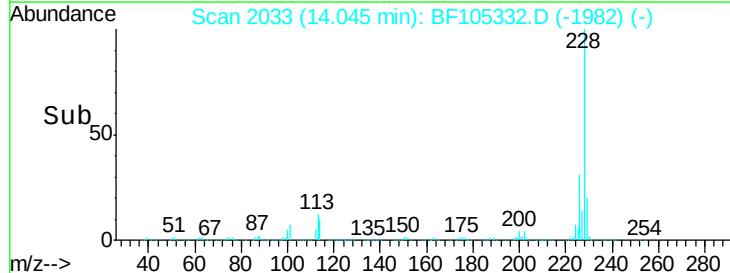
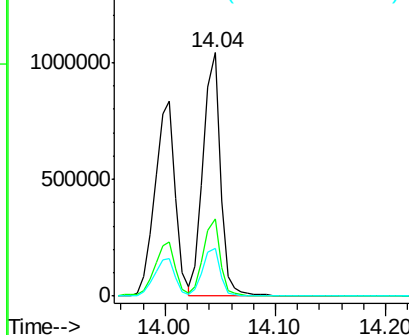
228 100

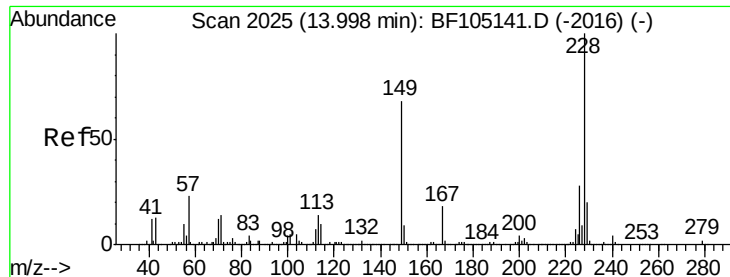
226 31.5 25.0 37.6

229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.88 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

Instrument :

BNA_F

ClientSampleId :

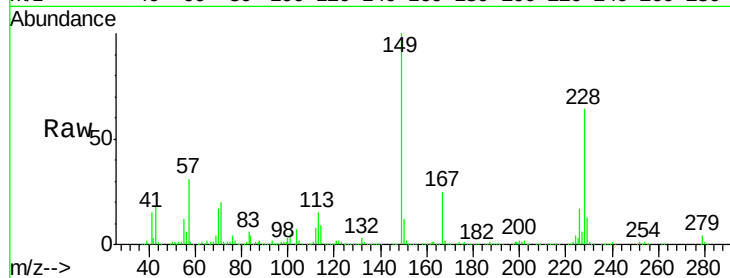
Tot Ion:149 Resp: 767659

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

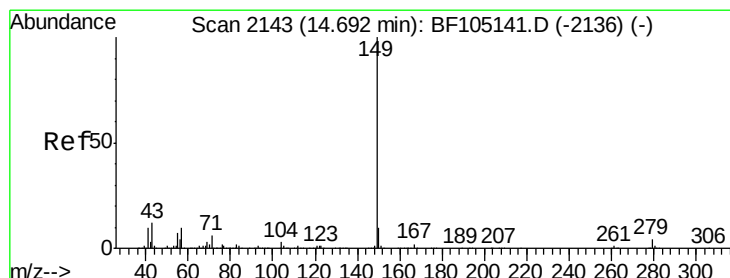
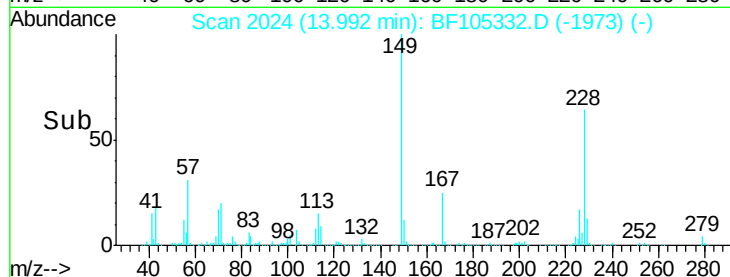
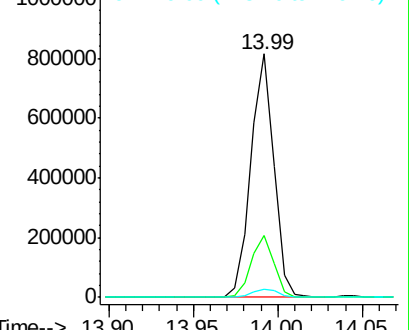
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.87 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF105332.D

Acq: 12 May 2018 12:49

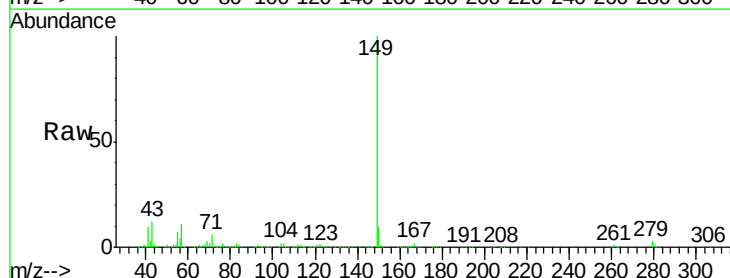
Tgt Ion:149 Resp: 1465594

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

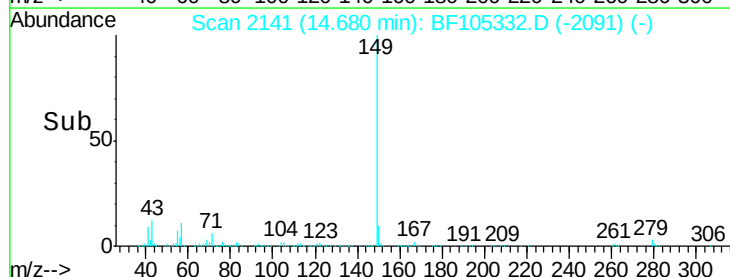
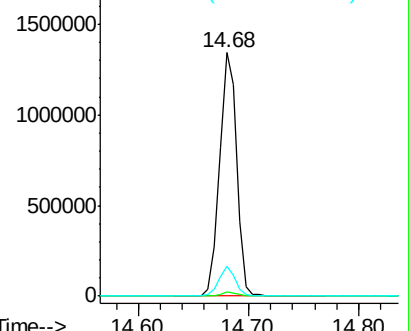
43 11.6 8.4 12.6

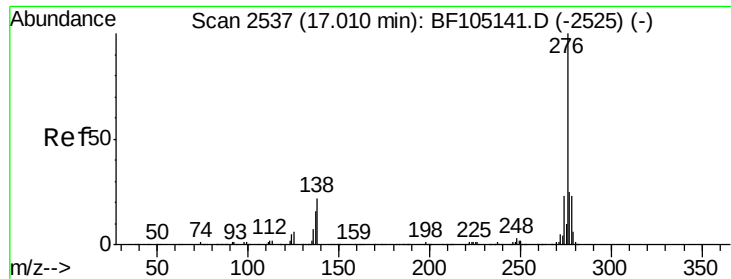


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

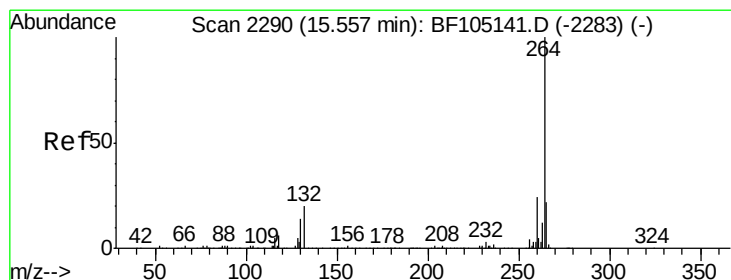
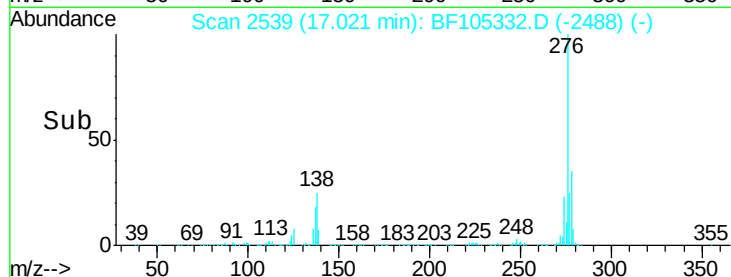
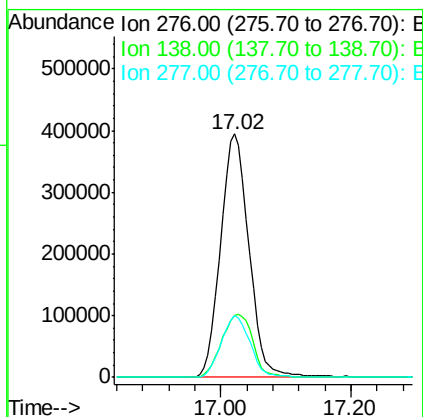
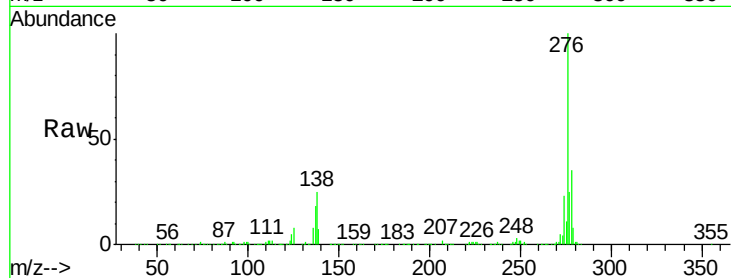




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.10 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

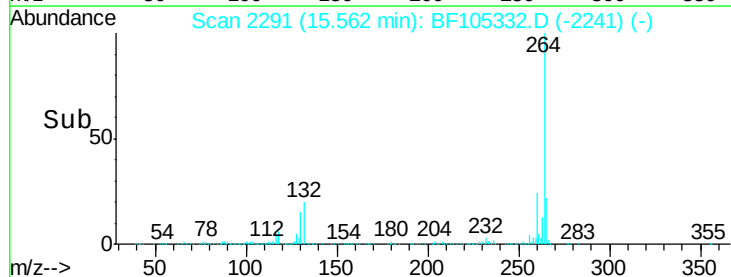
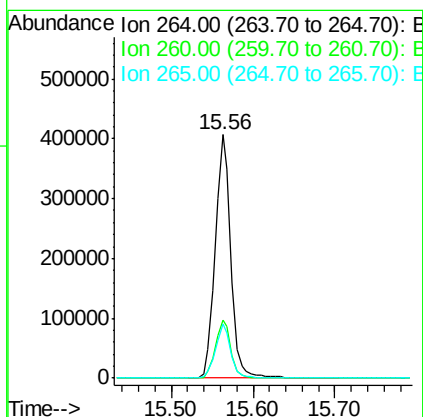
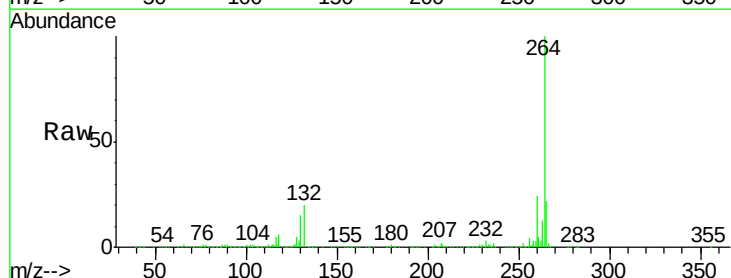
Instrument :
 BNA_F
 ClientSampled :

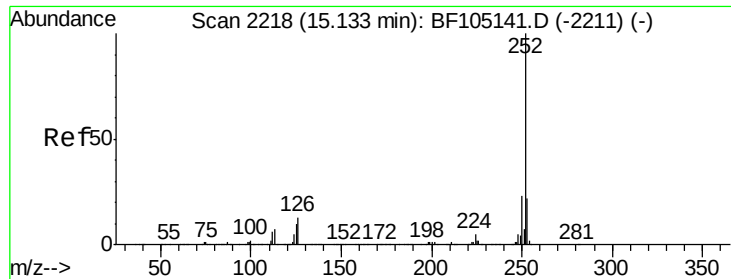
Tot Ion:276 Resp: 1194512
 Ion Ratio Lower Upper
 276 100
 138 28.5 25.0 37.6
 277 26.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Tgt Ion:264 Resp: 541272
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.5 26.3

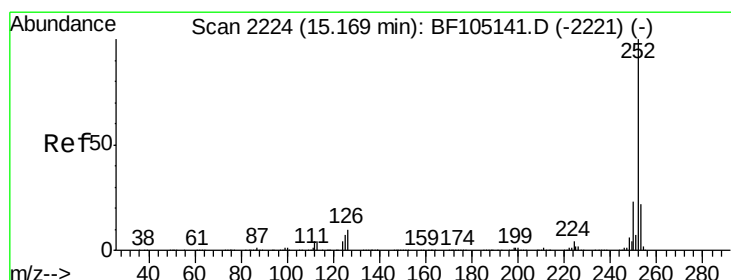
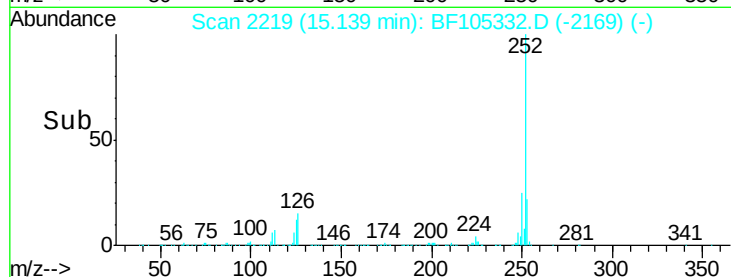
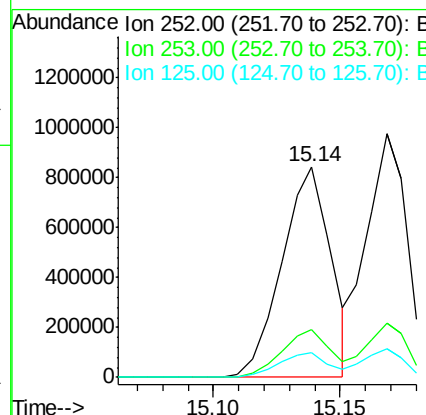
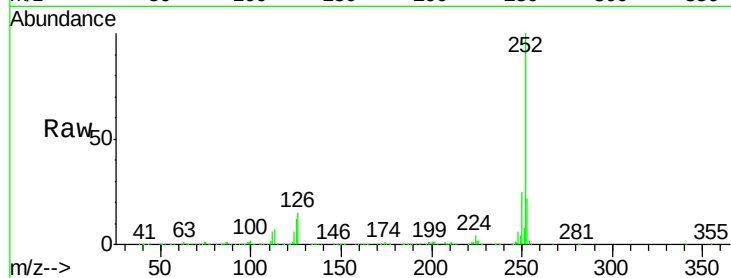




#87
Benzo(b)fluoranthene
Concen: 35.09 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

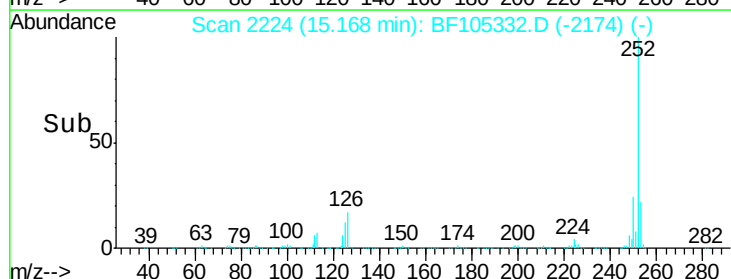
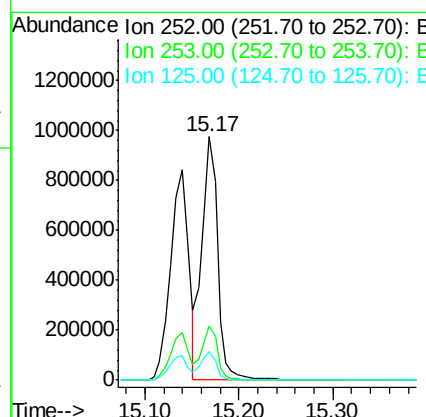
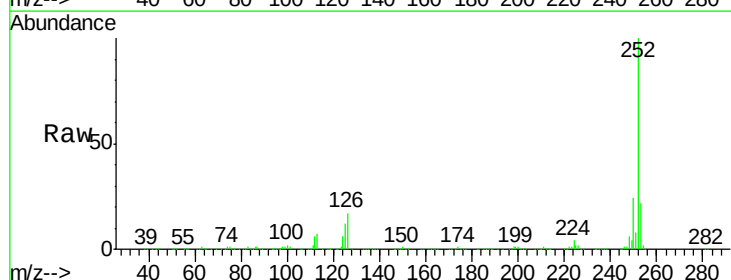
Instrument :
BNA_F
ClientSampleId :

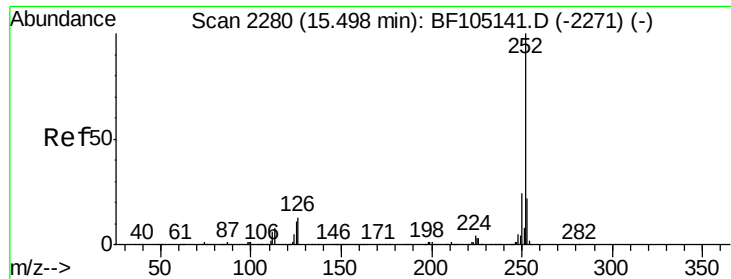
Tot Ion:252 Resp: 1132165
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.55 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:252 Resp: 1140410
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.5 10.2 15.2

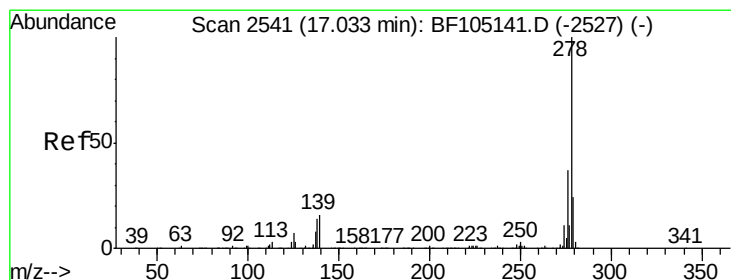
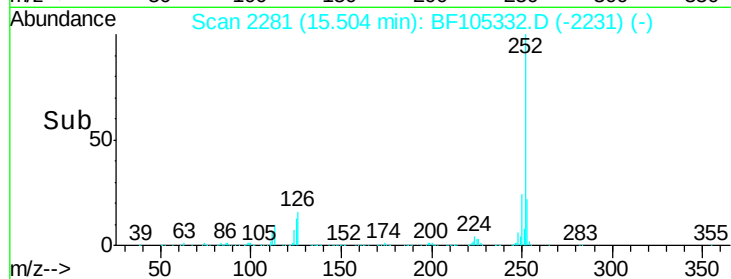
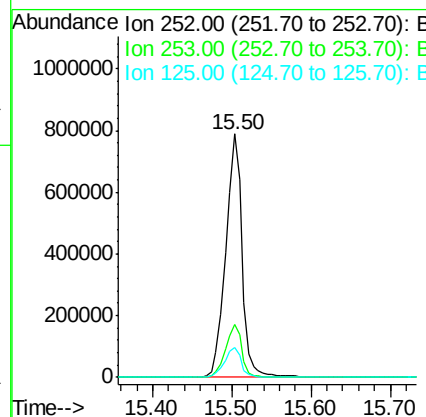
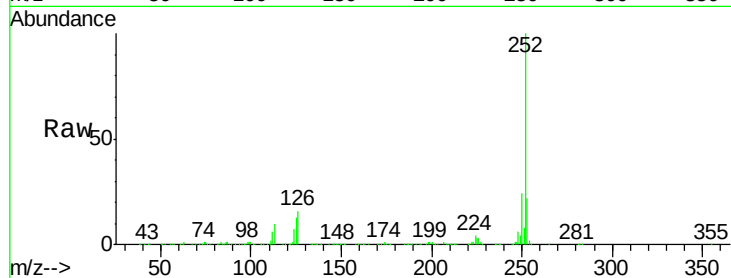




#89
Benzo(a)pyrene
Concen: 37.30 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

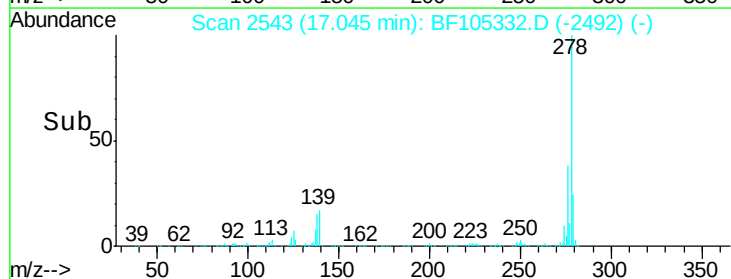
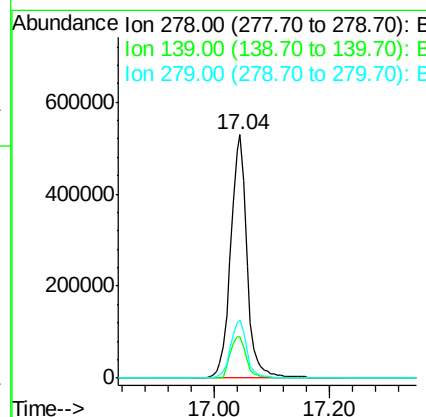
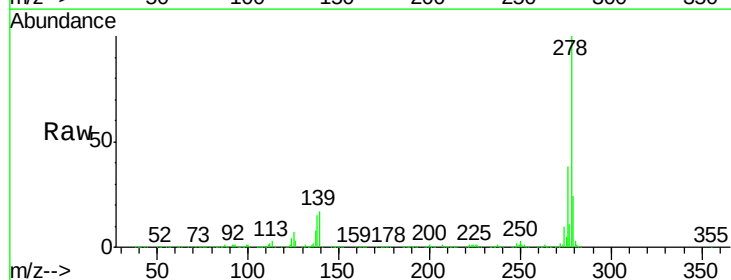
Instrument :
BNA_F
ClientSampleId :

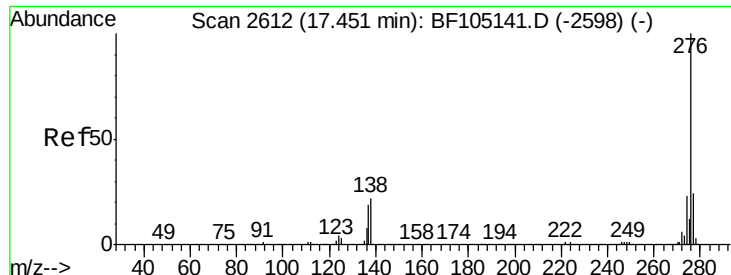
Tot Ion:252 Resp: 1120626
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 12.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.90 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF105332.D
Acq: 12 May 2018 12:49

Tgt Ion:278 Resp: 1039643
Ion Ratio Lower Upper
278 100
139 16.8 15.9 23.9
279 23.7 19.0 28.4

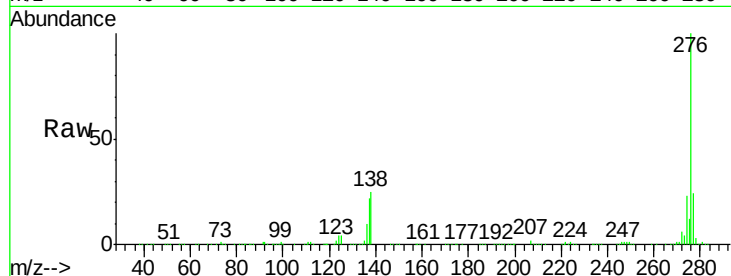




#91
 Benzo(a,h,i)perylene
 Concen: 36.09 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BF105332.D
 Acq: 12 May 2018 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	25.1	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

