

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105333.D
 Acq On : 12 May 2018 13:26
 Operator : JU/SJ
 Sample : J2706-03 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:46:04 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	162150	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	680009	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	304718	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	537726	20.00	ng	0.00
75) Chrysene-d12	14.00	240	349062	20.00	ng	-0.02
86) Perylene-d12	15.53	264	408161	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	114206	10.59	ng	0.00
7) Phenol-d6	6.42	99	233275	18.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	129347	11.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	18302	4.65	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	266014	12.58	ng	-0.01
78) Terphenyl-d14	12.90	244	236189	14.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.47	88	121	0.02	ng	# 1
3) Pyridine	3.31	79	111	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.22	42	115	0.02	ng	# 1
6) Aniline	6.55	93	144	0.01	ng	# 1
9) Benzaldehyde	6.34	77	237	0.03	ng	# 51
10) Phenol	6.43	94	1821	0.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.55	93	144	0.01	ng	# 1
15) Benzyl Alcohol	6.93	79	9217	0.93	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.09	45	312	0.02	ng	# 70
17) 2-Methylphenol	7.04	107	130	0.01	ng	# 9
18) Hexachloroethane	7.32	117	316	0.07	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	18011	2.22	ng	# 87
20) 3+4-Methylphenols	7.20	107	253	0.02	ng	# 42
22) Acetophenone	7.17	105	1065	0.07	ng	# 64
24) Nitrobenzene	7.35	77	417	0.03	ng	# 38
25) Isophorone	7.35	82	129346	5.85	ng	# 64
27) 2,4-Dimethylphenol	7.78	122	115	0.01	ng	# 4
28) bis(2-Chloroethoxy)methane	8.00	93	116	0.01	ng	# 10
31) Naphthalene	8.09	128	84686	2.56	ng	# 97
32) Benzoic acid	7.85	122	230	0.03	ng	# 1
33) 4-Chloroaniline	8.09	127	11060	0.80	ng	# 27
35) Caprolactam	8.36	113	1187	0.40	ng	# 63
36) 4-Chloro-3-methylphenol	8.63	107	6052	0.59	ng	# 25
37) 2-Methylnaphthalene	8.78	142	30844	1.39	ng	# 98
45) 1,1'-Biphenyl	9.25	154	13607	0.50	ng	# 99
46) 2-Chloronaphthalene	9.32	162	425	0.02	ng	# 37
47) 2-Nitroaniline	9.36	65	137	0.02	ng	# 2
48) Acenaphthylene	9.68	152	3540	0.11	ng	# 67
49) Dimethylphthalate	9.54	163	20160	0.86	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	40480	7.86	ng	# 26
51) Acenaphthene	9.85	154	121196	5.88	ng	# 98
52) 3-Nitroaniline	10.03	138	1691	0.28	ng	# 2
54) Dibenzofuran	10.03	168	98309	3.55	ng	# 99
55) 4-Nitrophenol	10.03	139	38378	7.91	ng	# 10

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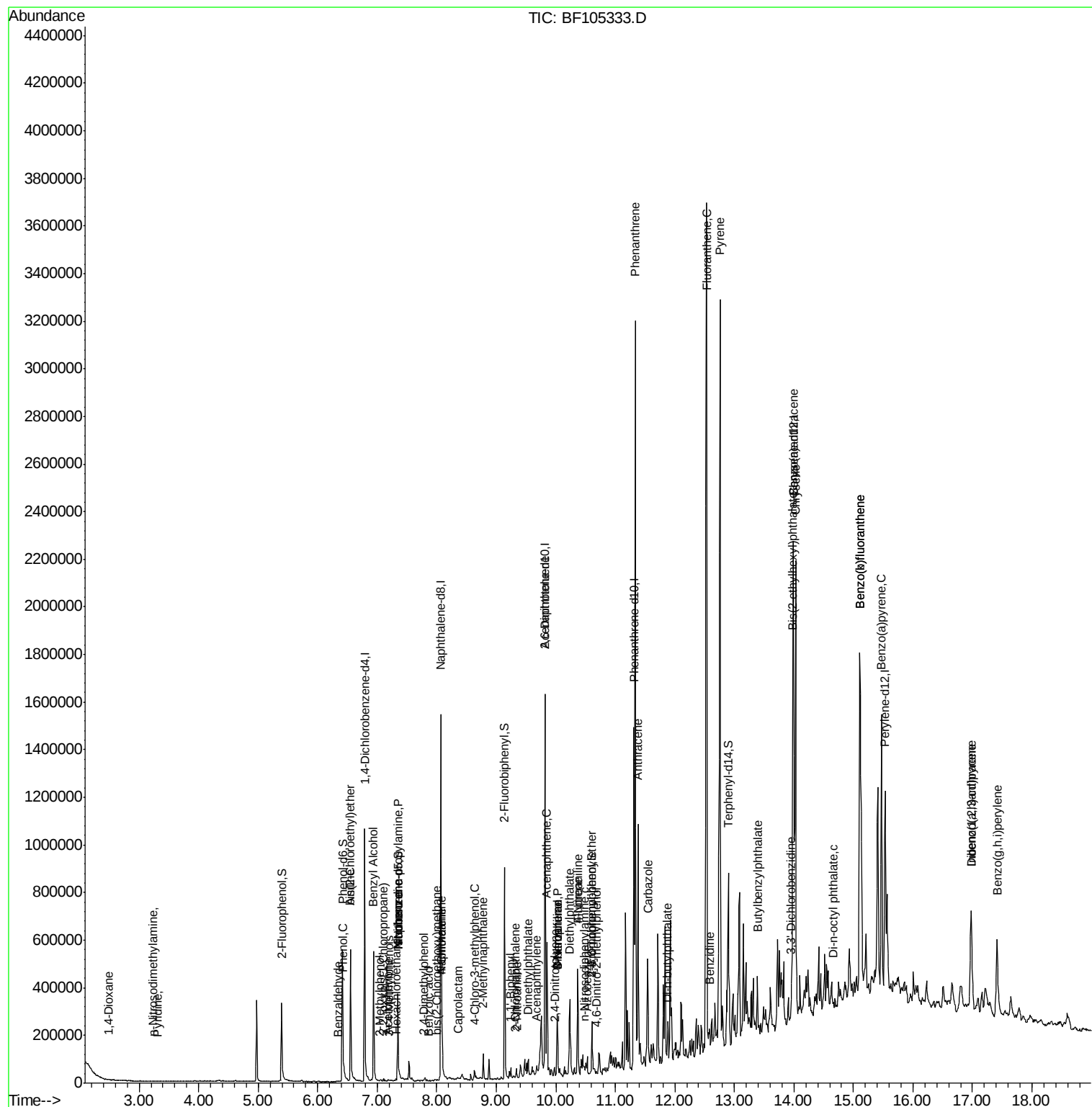
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	9.97	165	1374	0.21	nq	# 63
57) Fluorene	10.37	166	119594	5.71	nq	99
59) Diethylphthalate	10.23	149	146821	6.29	nq	97
61) 4-Nitroaniline	10.37	138	1297	0.22	nq	# 19
62) Azobenzene	10.52	77	944	0.04	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.68	198	305	0.09	nq	# 20
65) n-Nitrosodiphenylamine	10.48	169	2205	0.12	nq	# 1
66) 4-Bromophenyl-phenylether	10.61	248	937	0.16	nq	# 1
70) Phenanthrene	11.34	178	1278909	42.20	nq	99
71) Anthracene	11.39	178	418420	13.34	nq	99
72) Carbazole	11.54	167	194996	7.10	nq	99
73) Di-n-butylphthalate	11.87	149	7706	0.23	nq	# 94
74) Fluoranthene	12.53	202	1789945	59.42	nq	98
76) Benzidine	12.59	184	131	0.01	nq	# 1
77) Pyrene	12.76	202	1585723	58.87	nq	100
79) Butylbenzylphthalate	13.39	149	46566	3.92	nq	96
80) Benzo(a)anthracene	13.99	228	799584	39.23	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	870	0.11	nq	# 21
82) Chrysene	14.03	228	777578	38.72	nq	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	50128	3.49	nq	97
84) Di-n-octyl phthalate	14.66	149	2815	0.12	nq	# 37
85) Indeno(1,2,3-cd)pyrene	16.97	276	300023	16.41	nq	94
87) Benzo(b)fluoranthene	15.11	252	1171336	48.15	nq	98
88) Benzo(k)fluoranthene	15.11	252	1171336	49.79	nq	99
89) Benzo(a)pyrene	15.47	252	568616	25.10	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	88708	4.18	nq	94
91) Benzo(g,h,i)perylene	17.42	276	280769	13.75	nq	96

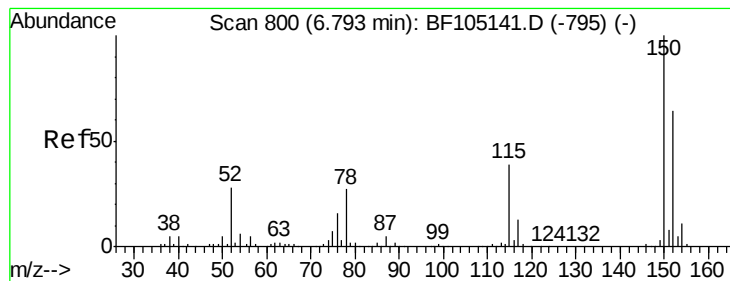
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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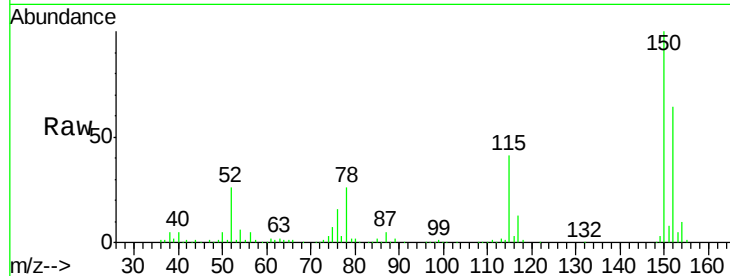


#1

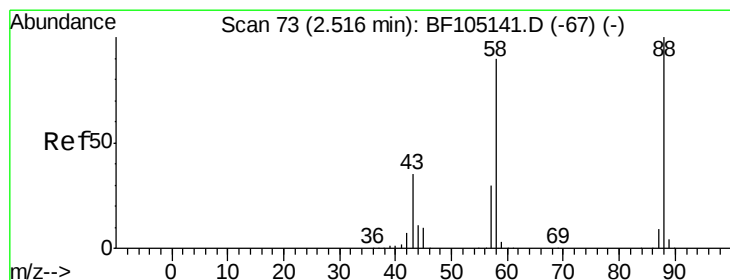
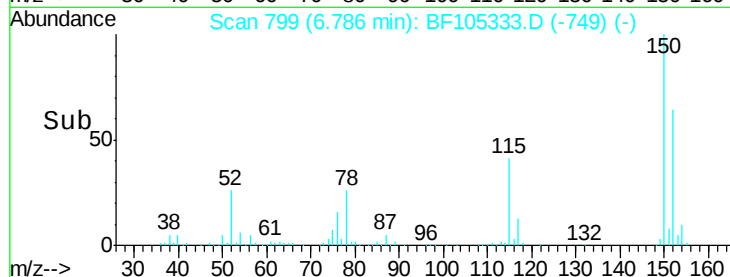
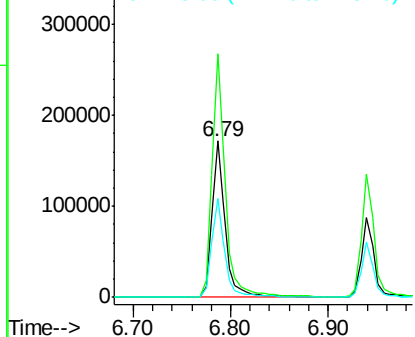
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162150
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 63.2 50.1 75.1



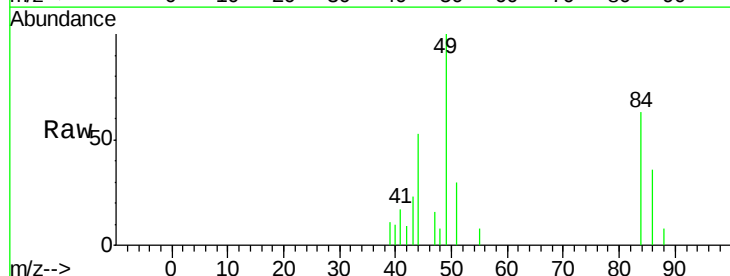
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



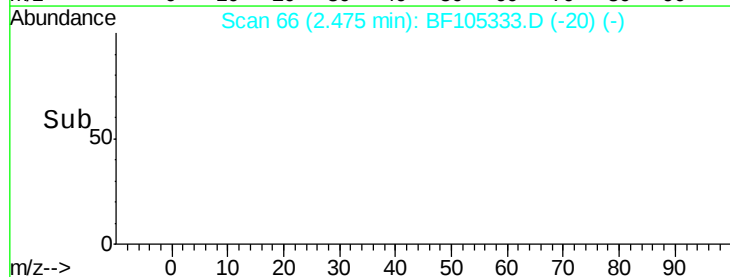
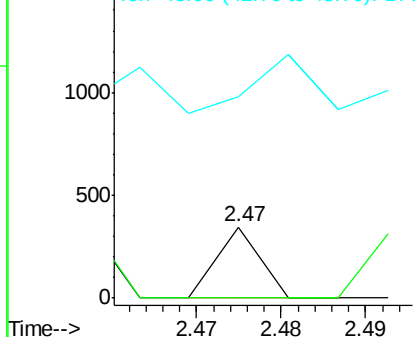
#2

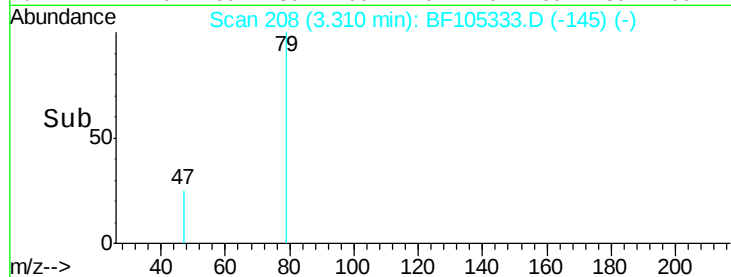
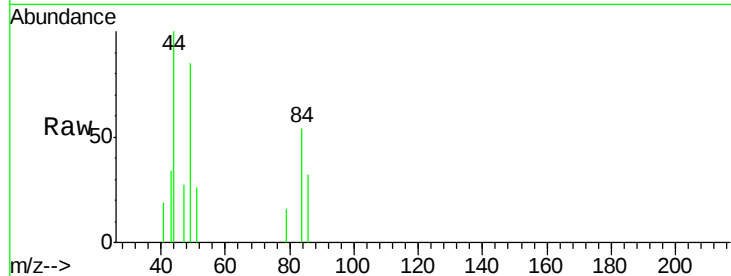
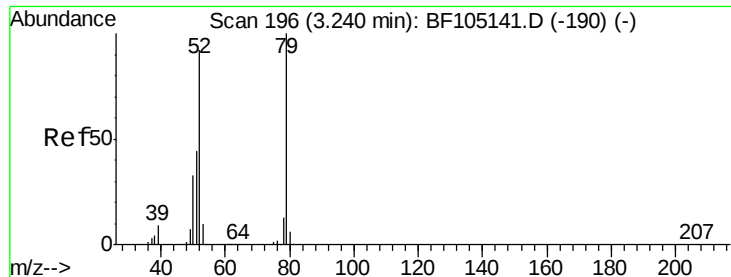
1,4-Dioxane
Concen: 0.02 ng
RT: 2.47 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 271.9 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

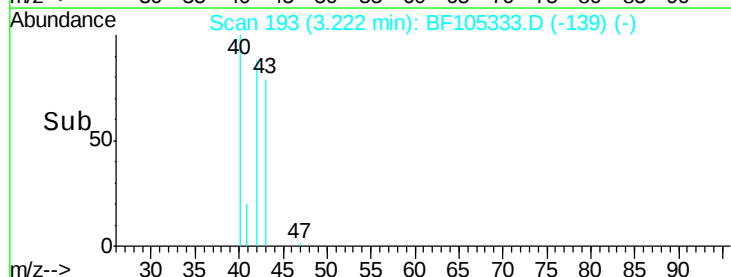
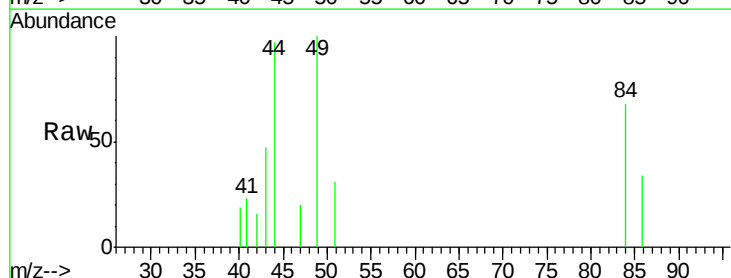
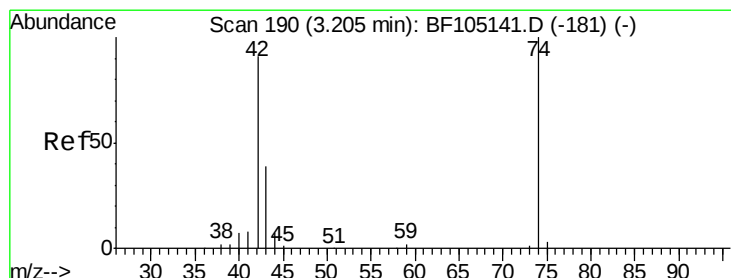
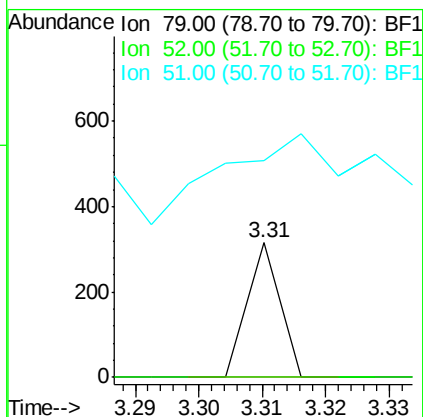




#3
 Pvridine
 Concen: 0.01 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.07 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

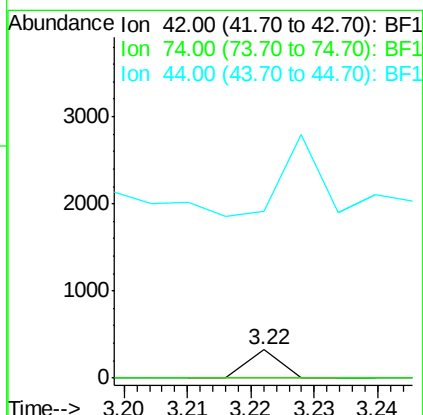
Instrument :
 BNA_F
 ClientSampleId :

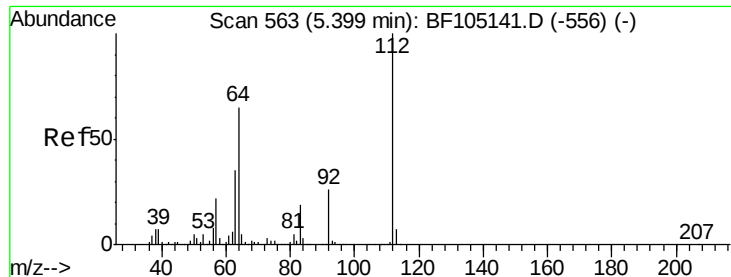
Tot Ion: 79 Resp: 111
 Ion Ratio Lower Upper
 79 100
 52 0.0 59.8 89.6#
 51 160.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.02 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion: 42 Resp: 115
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 590.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 10.59 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

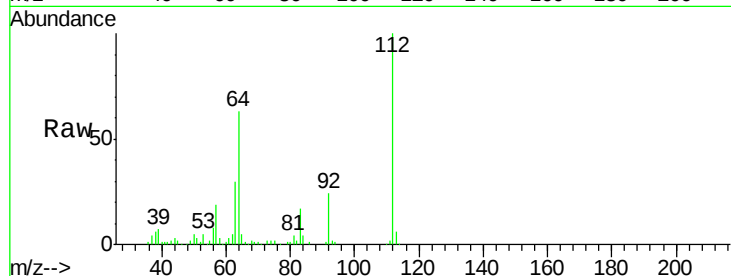
Tot Ion:112 Resp: 114206

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

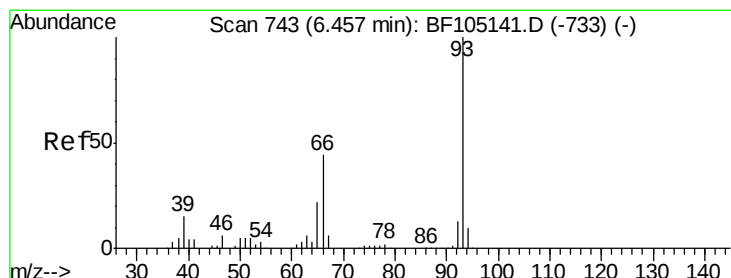
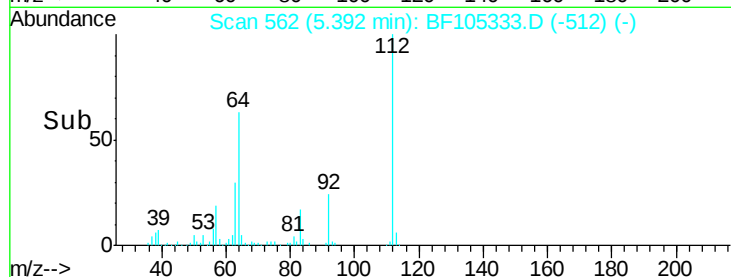
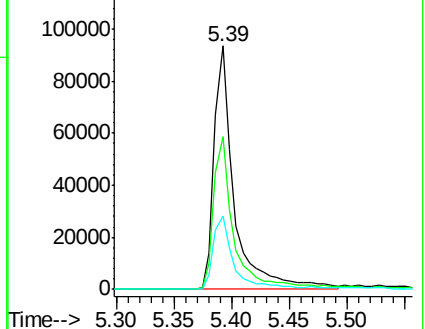
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.01 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.09 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

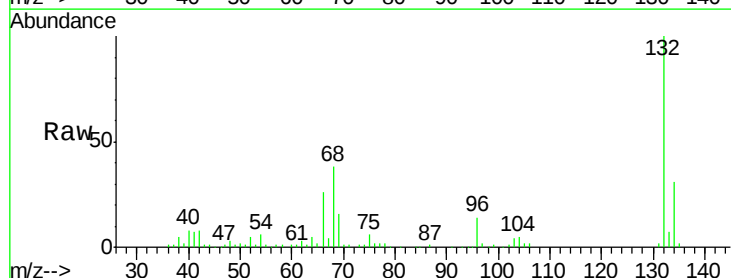
Tgt Ion: 93 Resp: 144

Ion Ratio Lower Upper

93 100

66 10433.3 32.2 48.2#

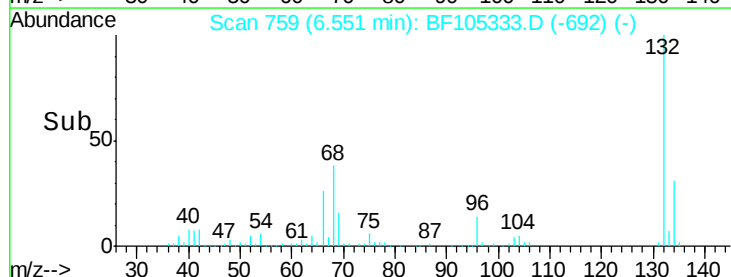
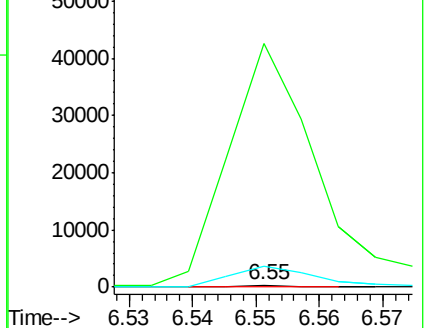
65 871.6 16.4 24.6#

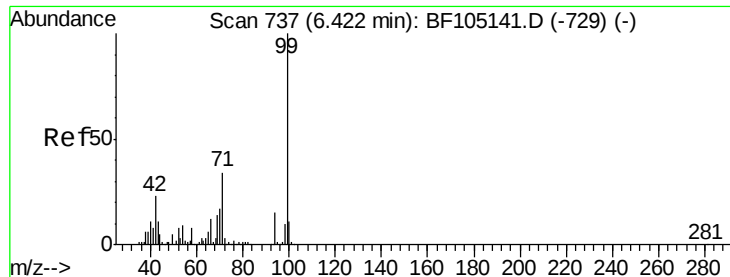


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 18.21 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampled :

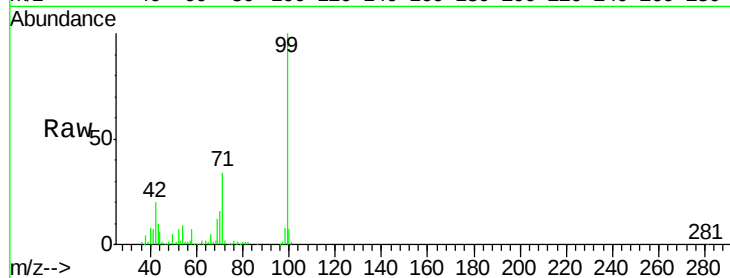
Tot Ion: 99 Resp: 233275

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

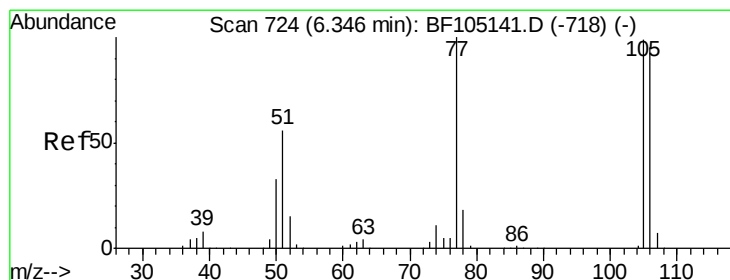
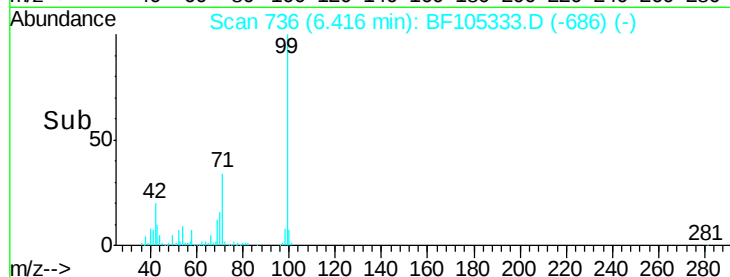
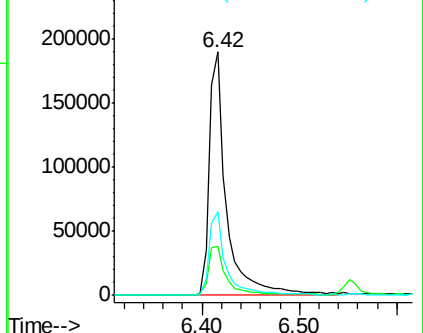
71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.03 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

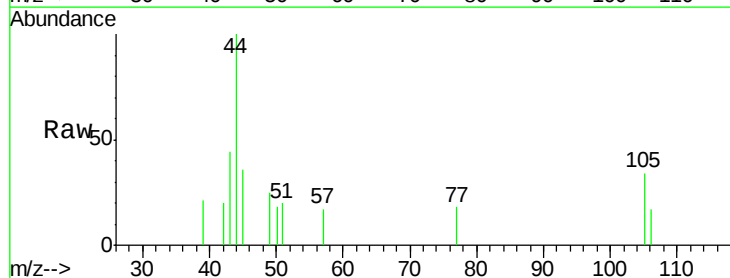
Tgt Ion: 77 Resp: 237

Ion Ratio Lower Upper

77 100

105 193.4 81.1 121.1#

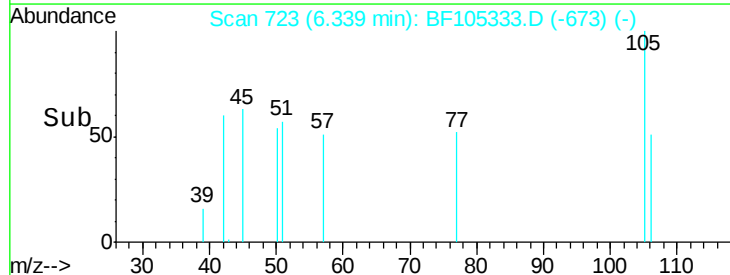
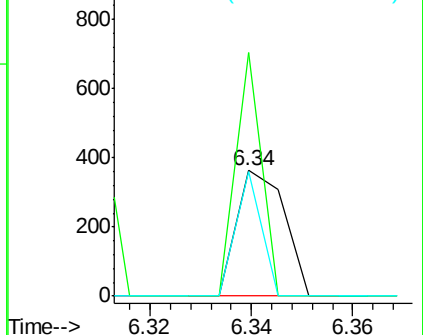
106 98.6 74.5 114.5

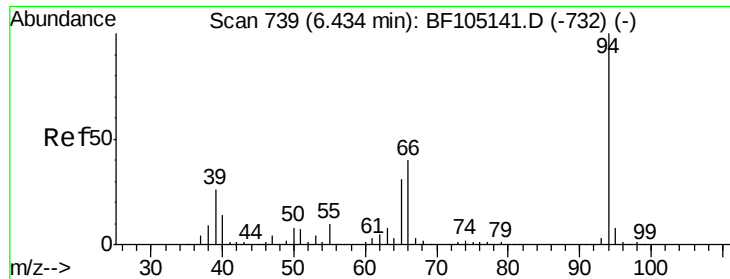


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.12 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

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ClientSampleId :

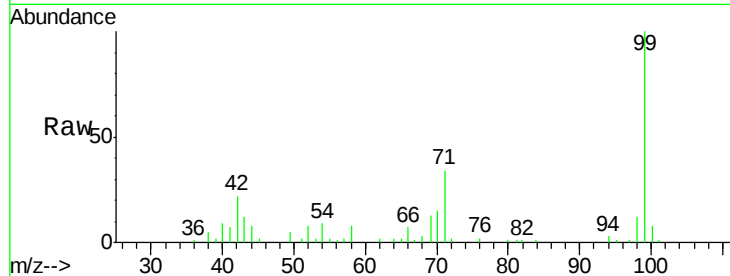
Tot Ion: 94 Resp: 1821

Ion Ratio Lower Upper

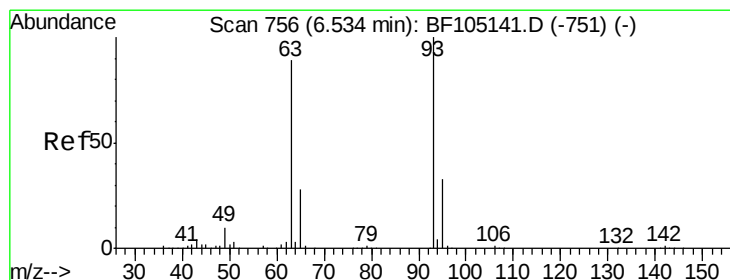
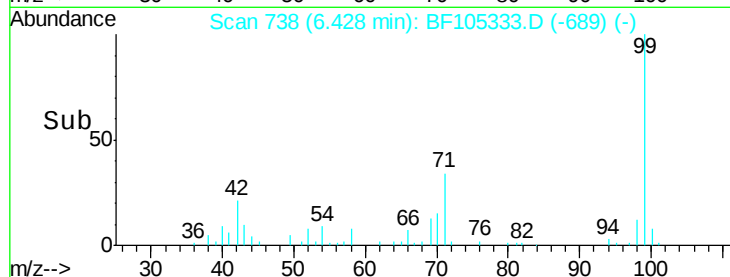
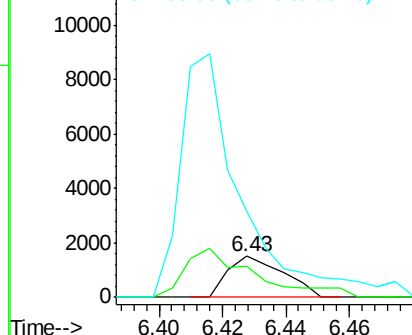
94 100

65 75.4 7.9 47.9#

66 211.5 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: 0.01 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

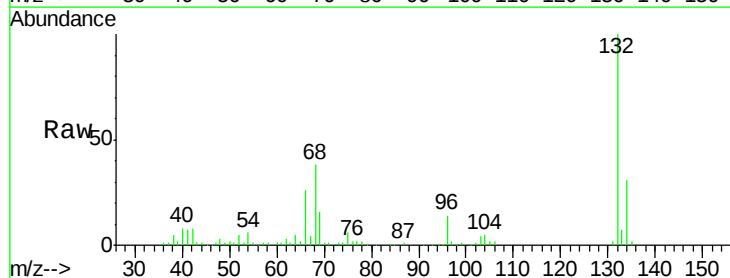
Tgt Ion: 93 Resp: 144

Ion Ratio Lower Upper

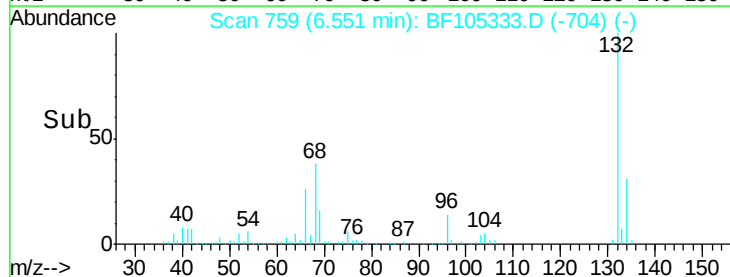
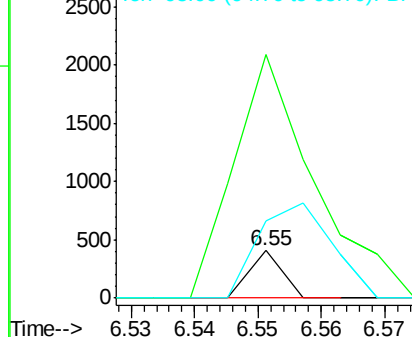
93 100

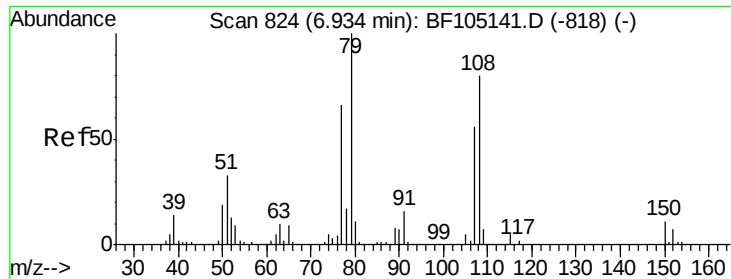
63 512.0 58.6 98.6#

95 161.8 11.8 51.8#



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





#15

Benzyl Alcohol

Concen: 0.93 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

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ClientSampleId :

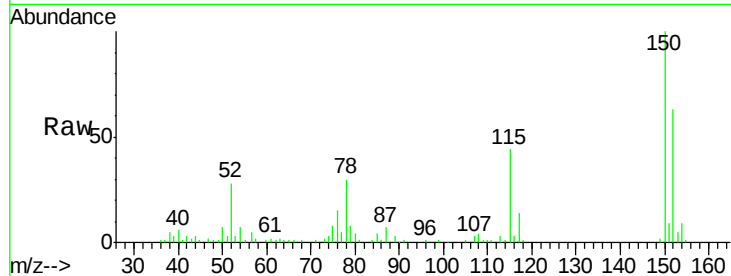
Tot Ion: 79 Resp: 9217

Ion Ratio Lower Upper

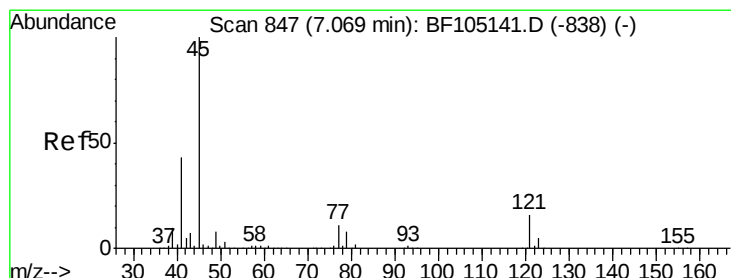
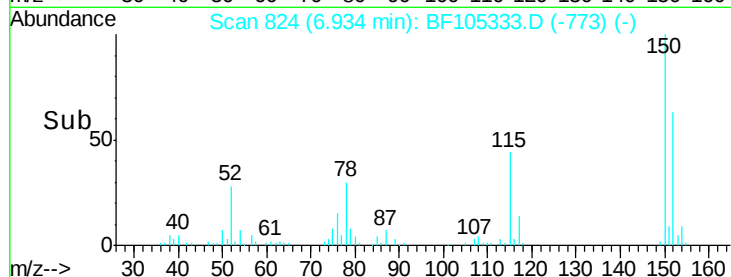
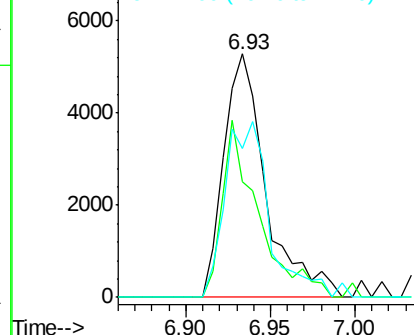
79 100

108 47.7 65.1 97.7#

77 61.3 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: 0.02 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.02 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

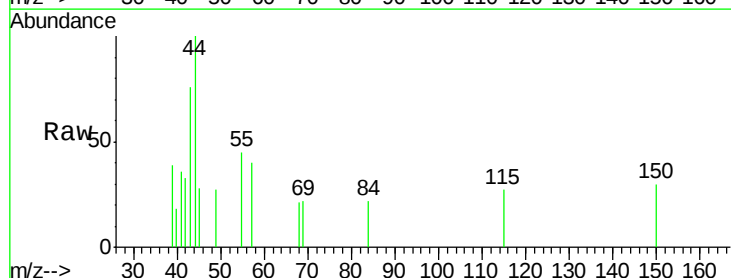
Tgt Ion: 45 Resp: 312

Ion Ratio Lower Upper

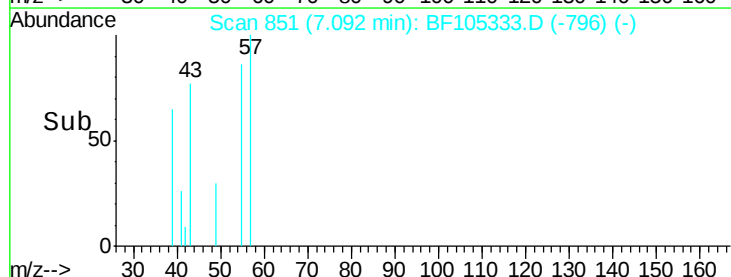
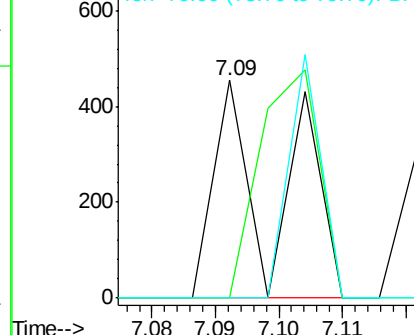
45 100

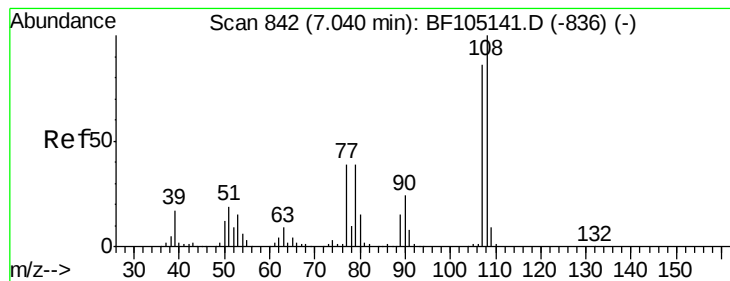
77 0.0 0.0 32.9

79 0.0 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

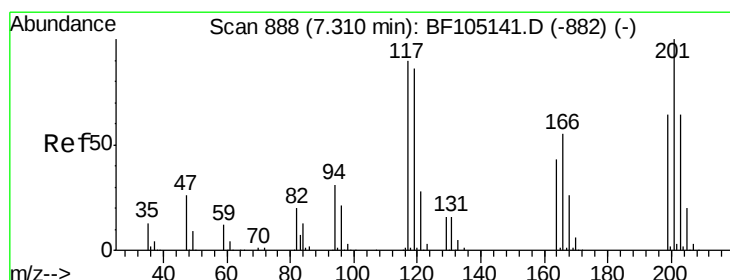
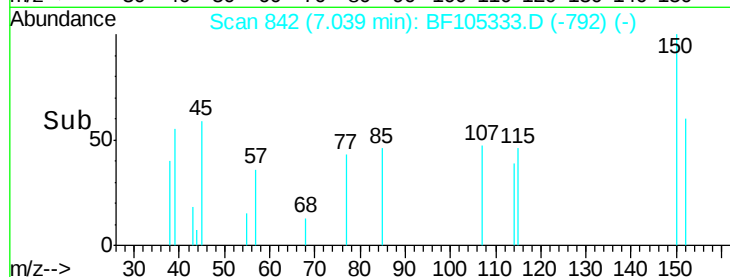
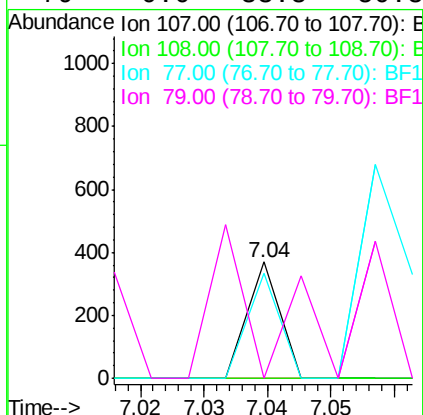
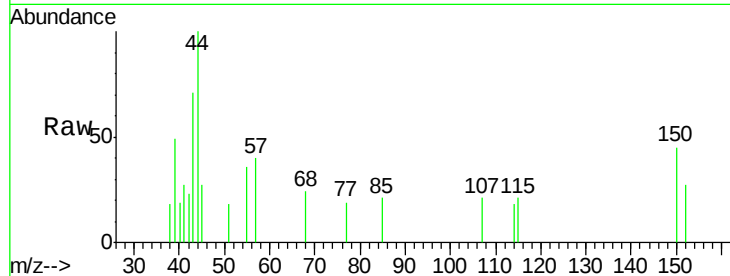




#17
 2-Methylphenol
 Concen: 0.01 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

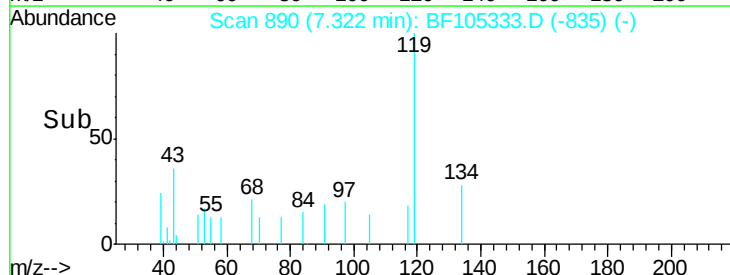
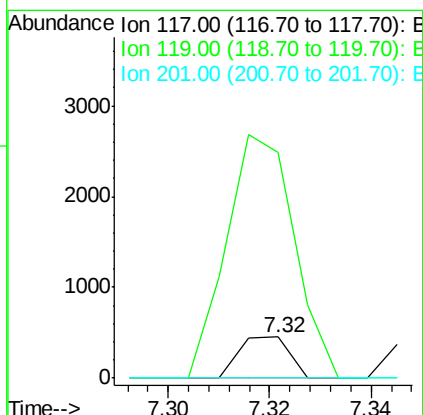
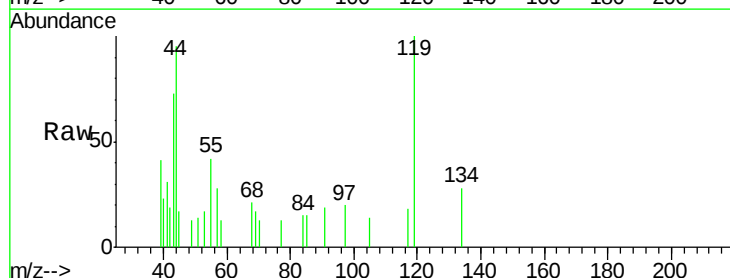
Instrument :
 BNA_F
 ClientSampleId :

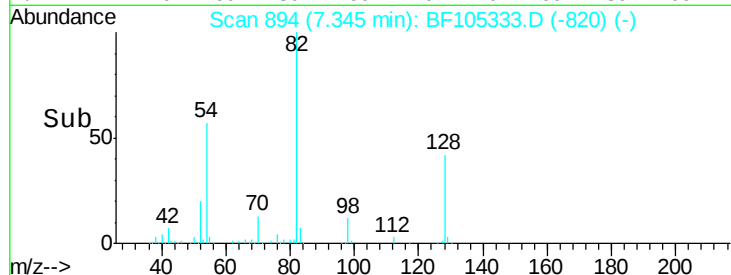
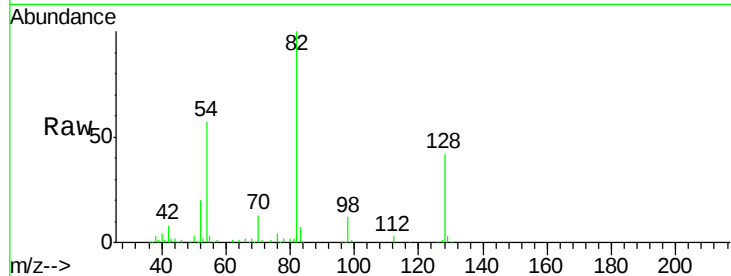
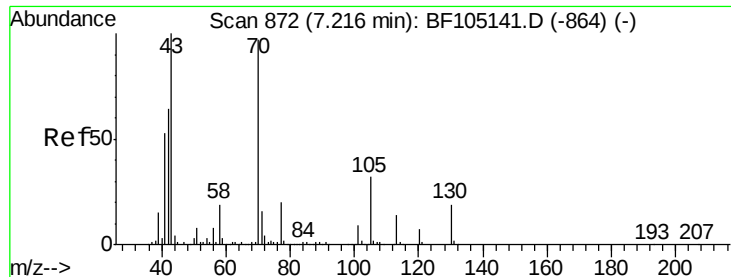
Tot Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	90.8	33.8	50.8#
79	0.0	33.8	50.8#



#18
 Hexachloroethane
 Concen: 0.07 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	549.6	75.8	113.8#
201	0.0	75.7	113.5#

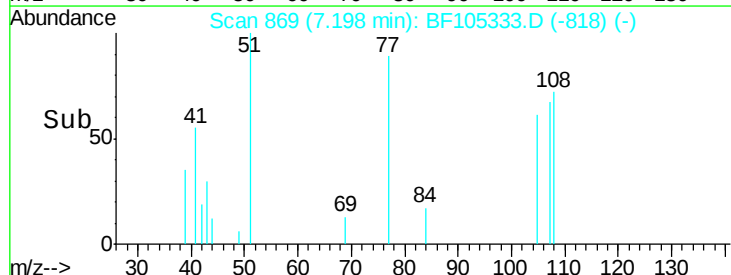
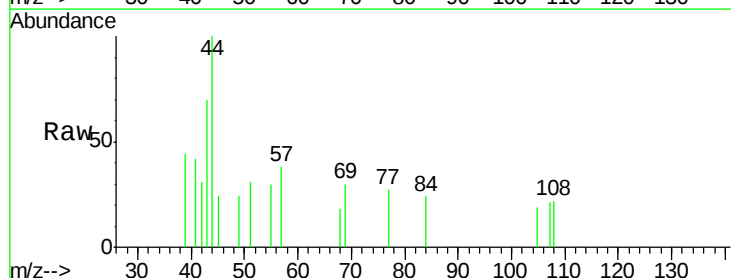
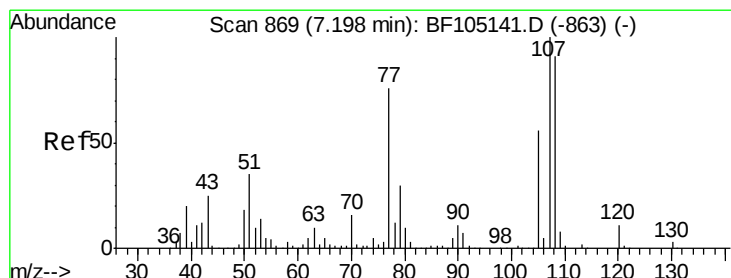
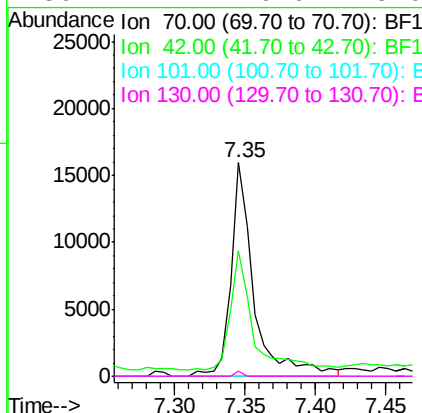




#19
n-Nitroso-di-n-propylamine
Concen: 2.22 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

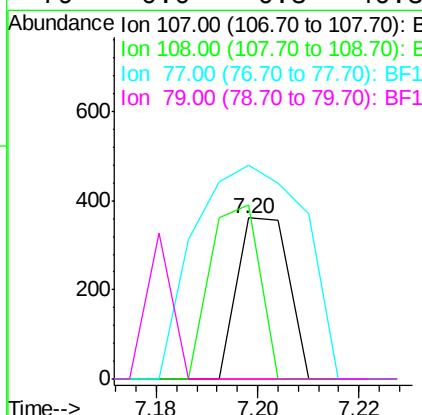
Instrument :
BNA_F
ClientSampleId :

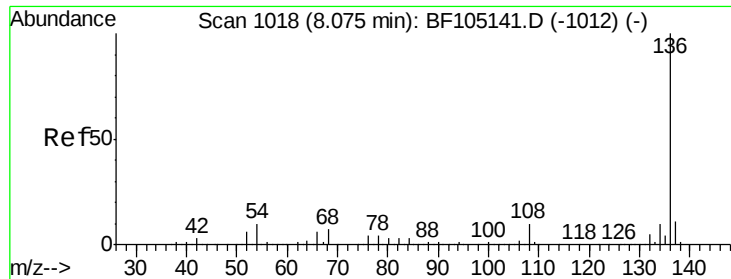
Tot Ion: 70 Resp: 18011
Ion Ratio Lower Upper
70 100
42 58.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion: 107 Resp: 253
Ion Ratio Lower Upper
107 100
108 108.3 68.2 108.2#
77 132.7 26.7 66.7#
79 0.0 6.3 46.3#

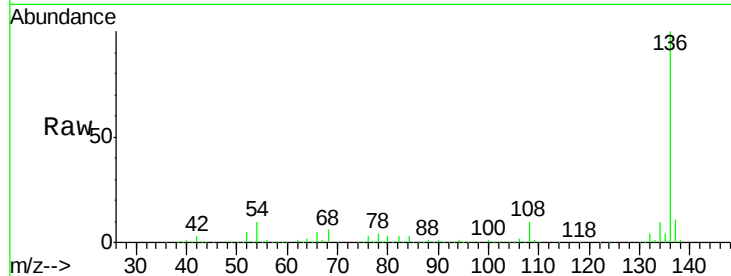




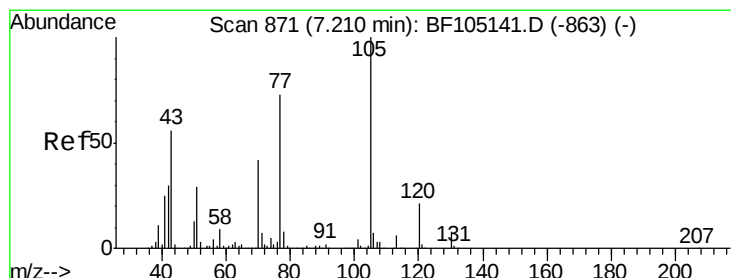
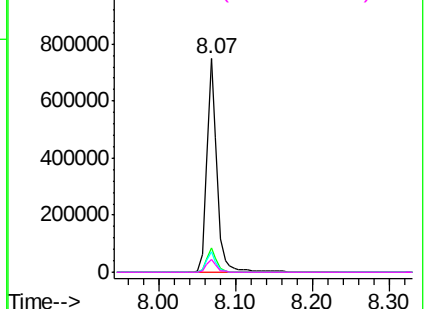
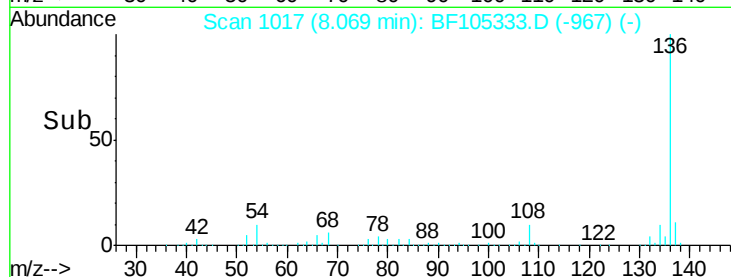
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	680009
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.5	6.6 9.8
68	6.1	5.0 7.4

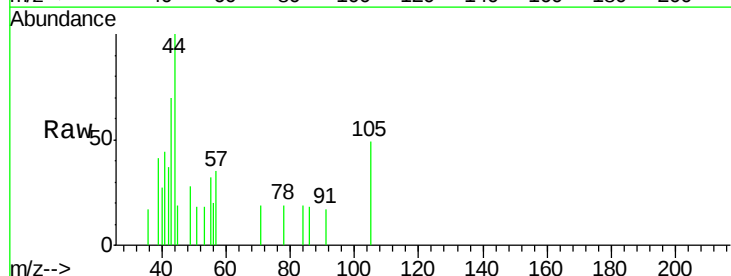


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

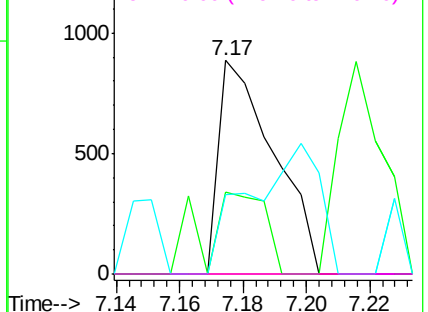
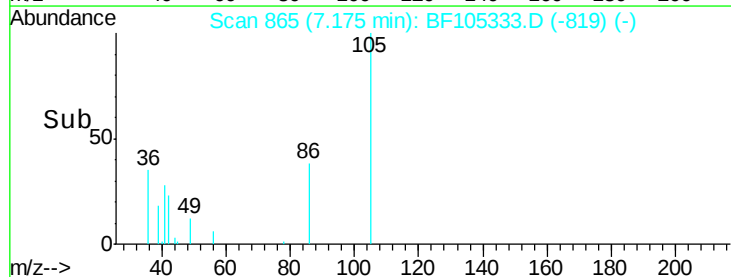


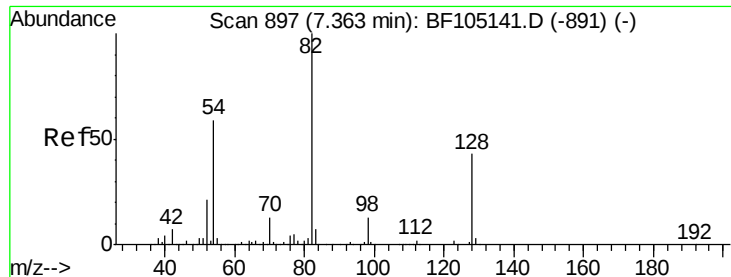
#22
Acetophenone
Concen: 0.07 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:105	Resp:	1065
Ion Ratio	Lower	Upper
105	100	
71	38.6	4.4 6.6#
51	36.9	22.3 33.5#
120	0.0	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

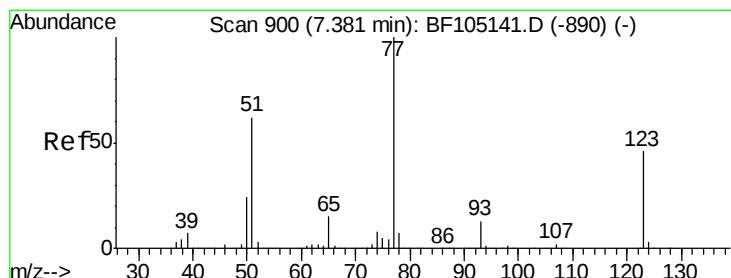
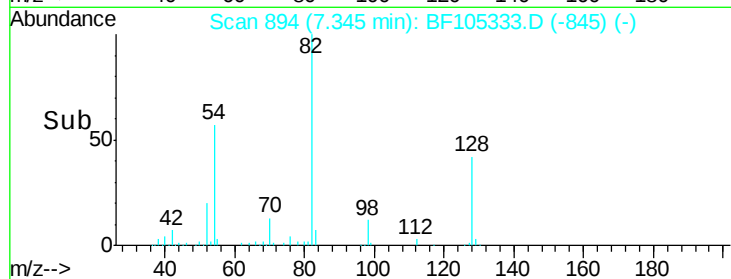
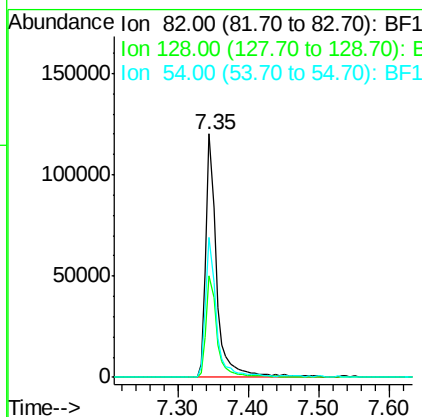
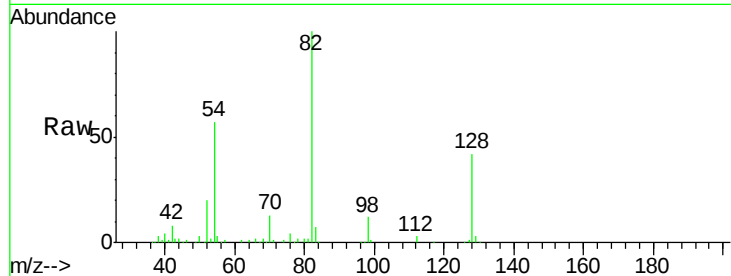




#23
Nitrobenzene-d5
Concen: 11.07 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

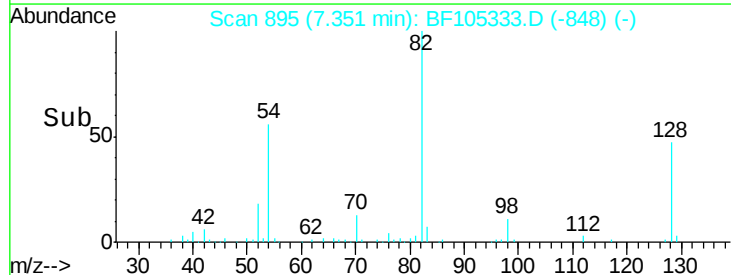
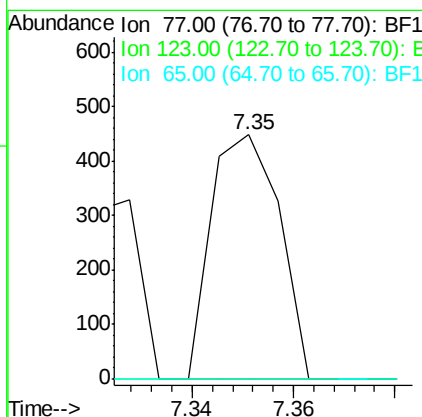
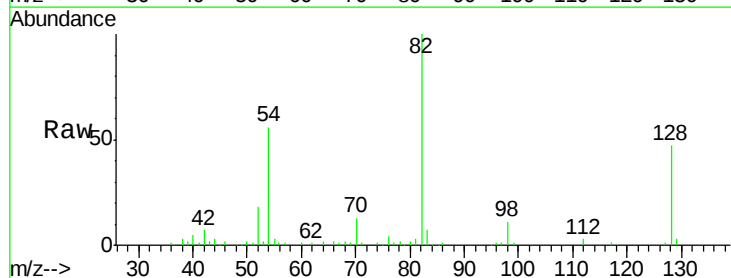
Instrument :
BNA_F
ClientSampleId :

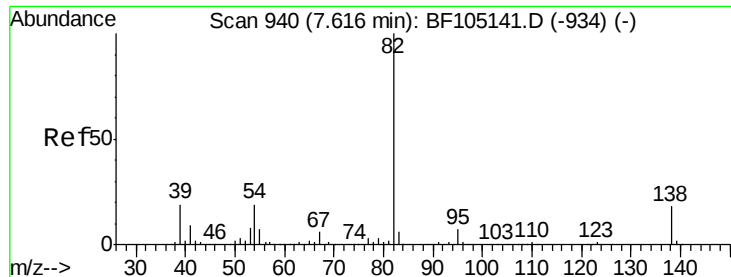
Tot Ion	82	Resp	129347
Ion Ratio	Lower	Upper	
82	100		
128	41.7	36.1	54.1
54	57.2	41.4	62.2



#24
Nitrobenzene
Concen: 0.03 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion	77	Resp	417
Ion Ratio	Lower	Upper	
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#





#25

Isophorone

Concen: 5.85 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

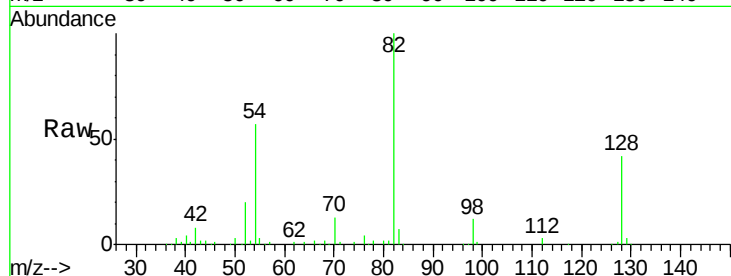
Tot Ion: 82 Resp: 129346

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

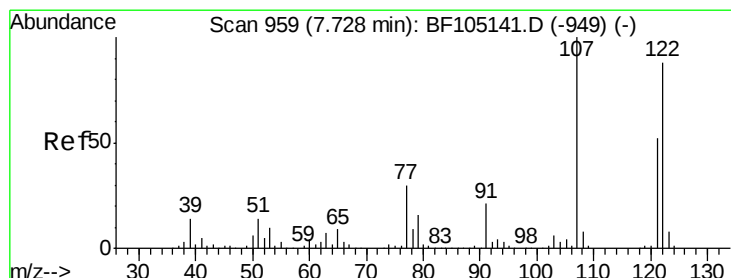
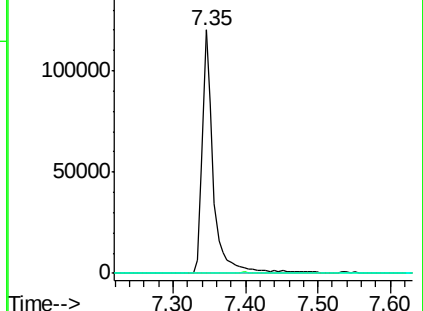
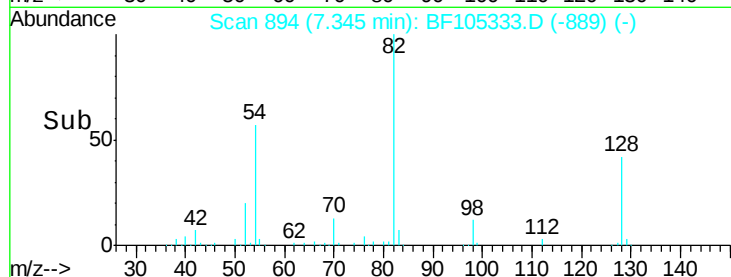
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.01 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.05 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

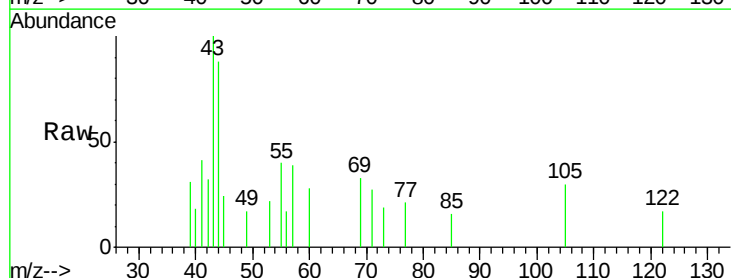
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

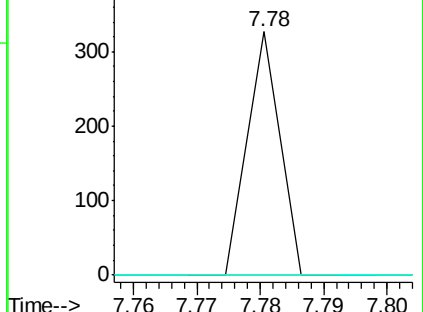
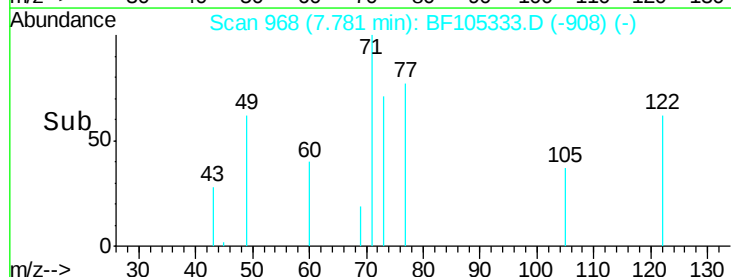
121 0.0 47.2 70.8#

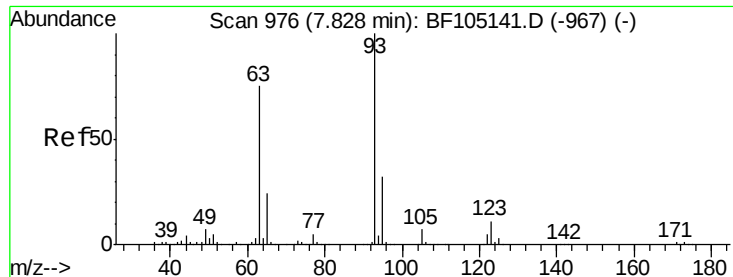


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

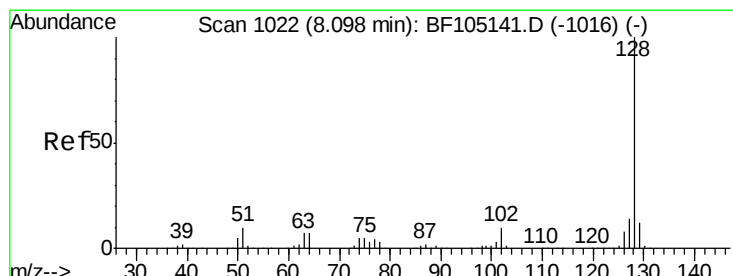
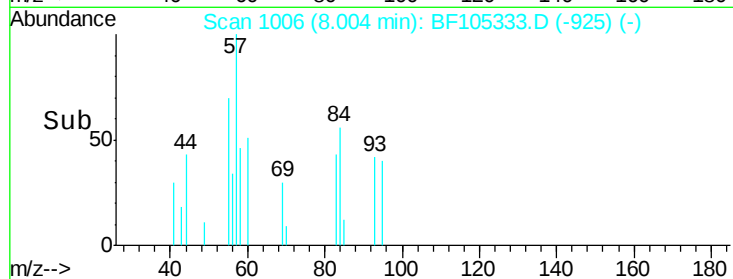
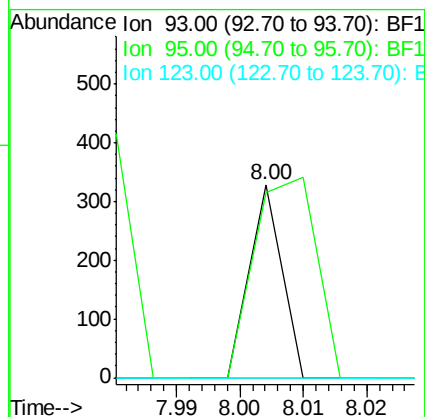
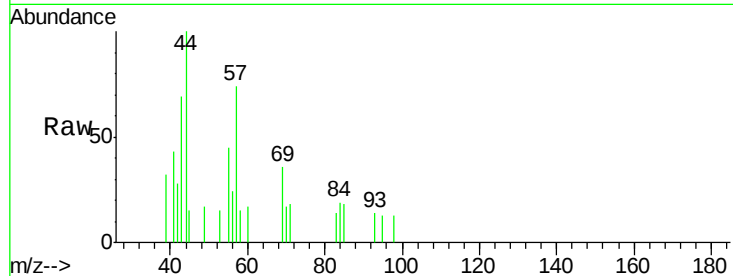




#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.18 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

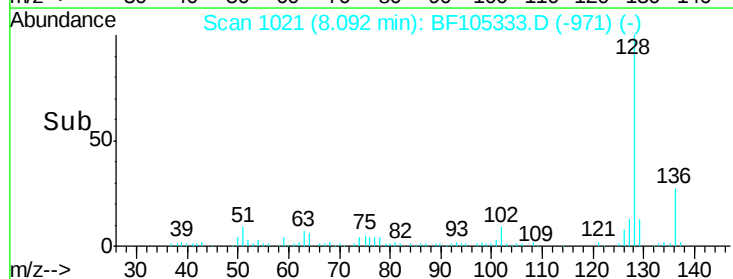
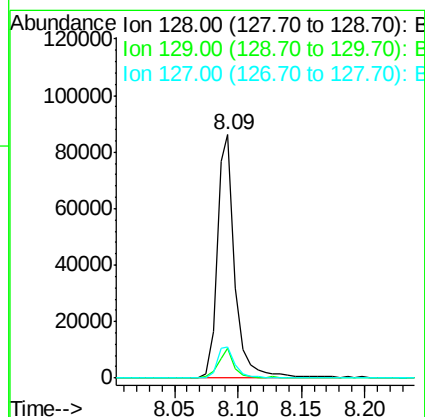
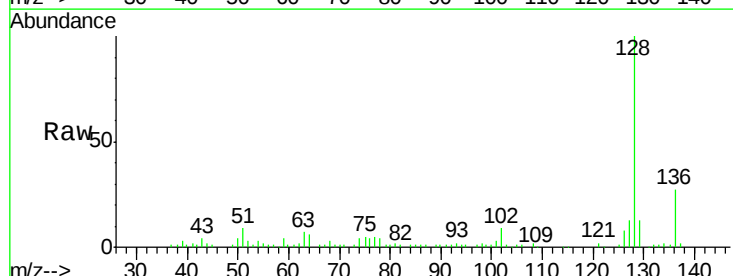
Instrument :
BNA_F
ClientSampleId :

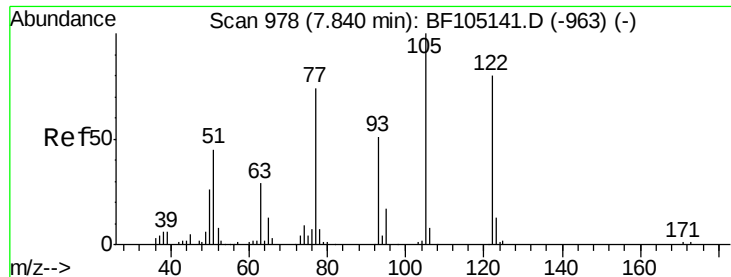
Tot Ion: 93 Resp: 116
Ion Ratio Lower Upper
93 100
95 96.0 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 2.56 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion: 128 Resp: 84686
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 13.0 10.9 16.3

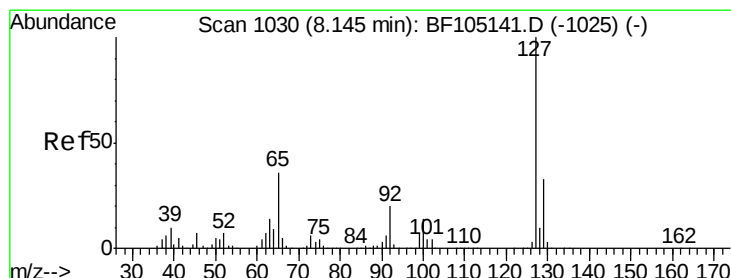
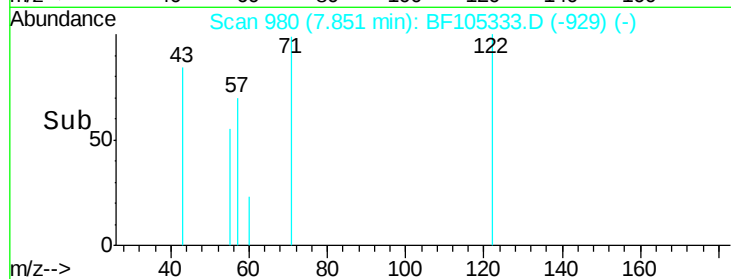
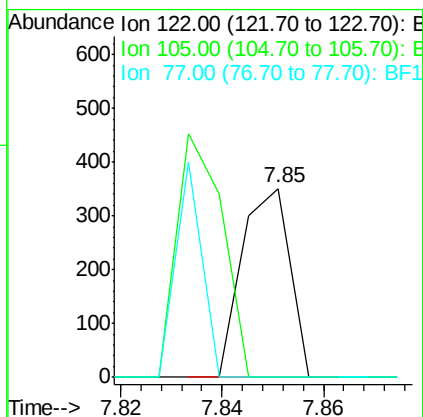
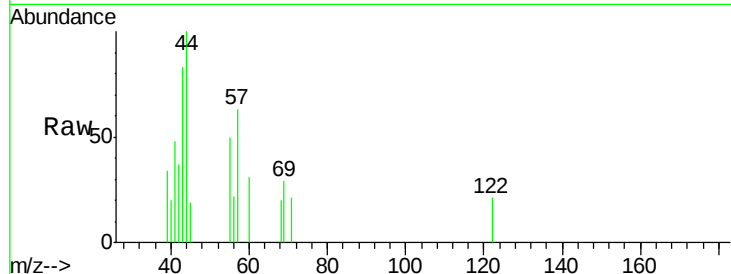




#32
Benzoic acid
Concen: 0.03 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

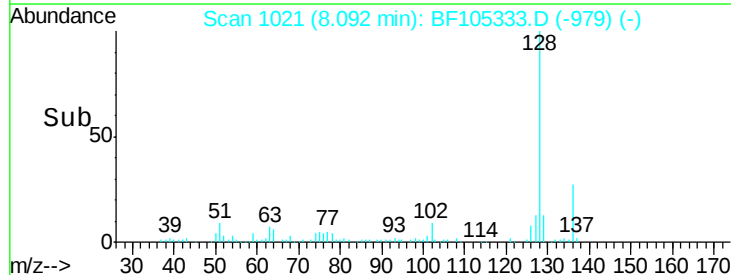
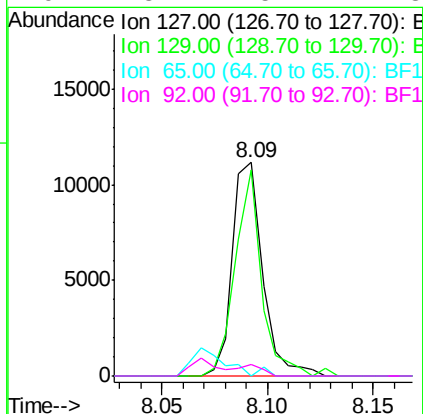
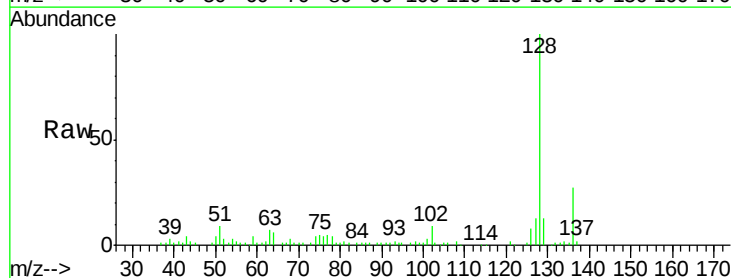
Instrument :
BNA_F
ClientSampleId :

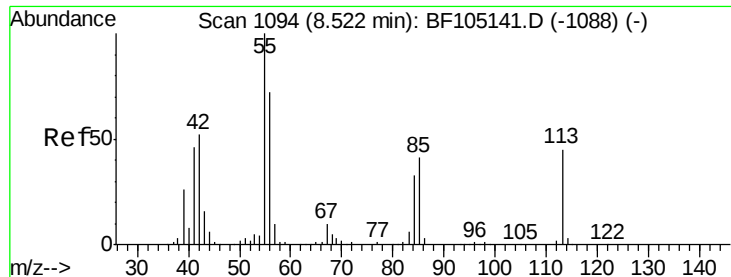
Tot Ion:122 Resp: 230
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#33
4-Chloroaniline
Concen: 0.80 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:127 Resp: 11060
Ion Ratio Lower Upper
127 100
129 96.5 25.9 38.9#
65 0.0 25.0 37.4#
92 5.4 15.2 22.8#

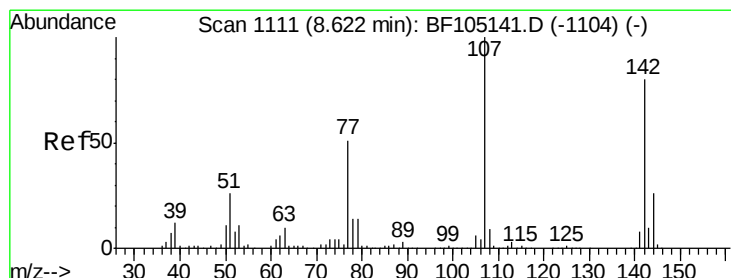
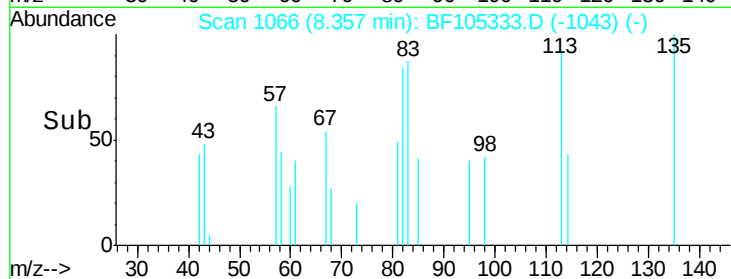
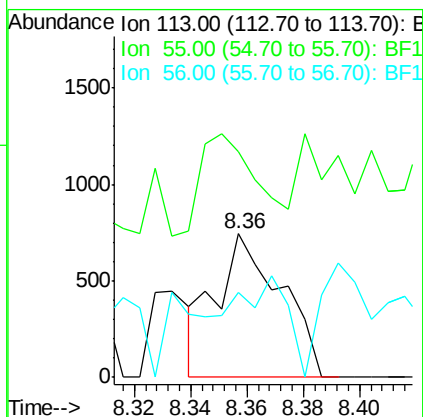
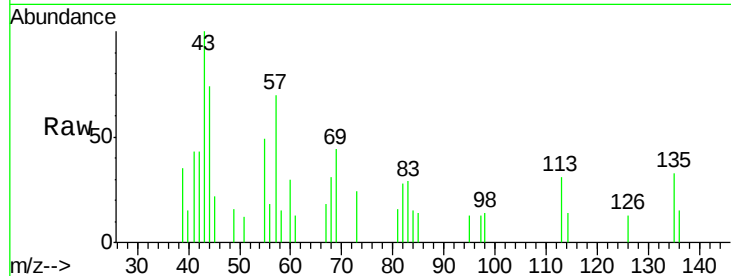




#35
 Caprolactam
 Concen: 0.40 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.16 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

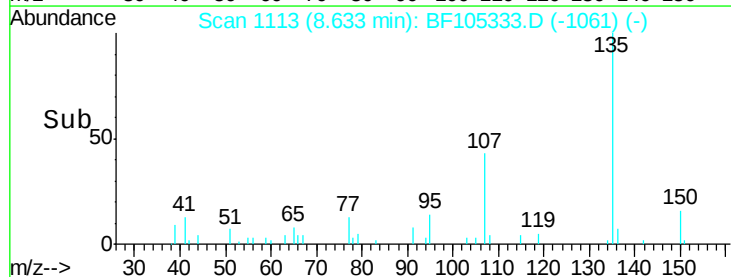
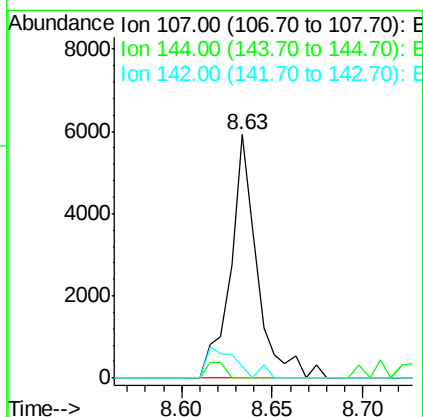
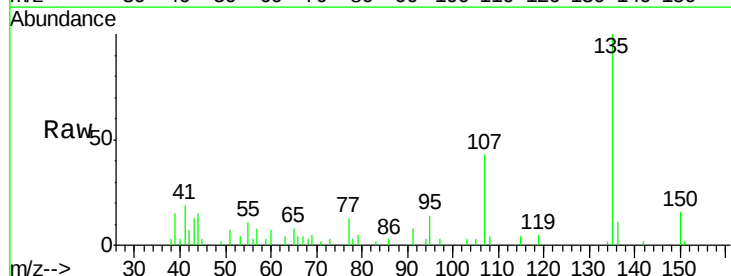
Instrument :
 BNA_F
 ClientSampled :

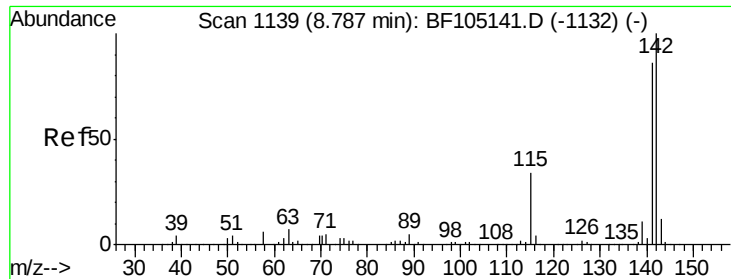
Tot Ion:113 Resp: 1187
 Ion Ratio Lower Upper
 113 100
 55 158.1 163.3 203.3#
 56 59.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.59 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:107 Resp: 6052
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 5.1 62.0 93.0#

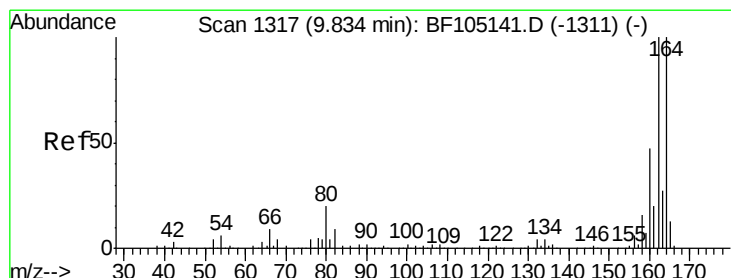
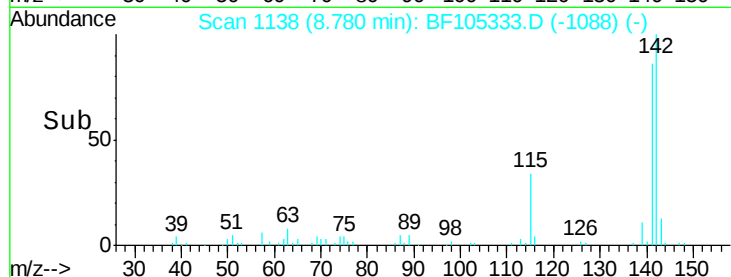
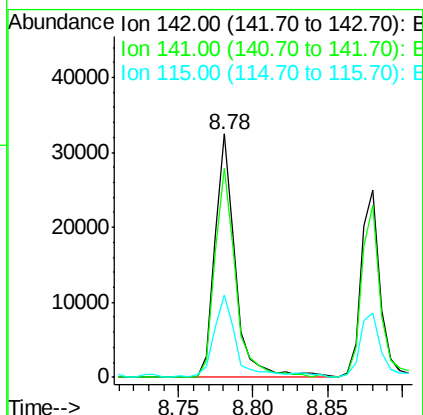
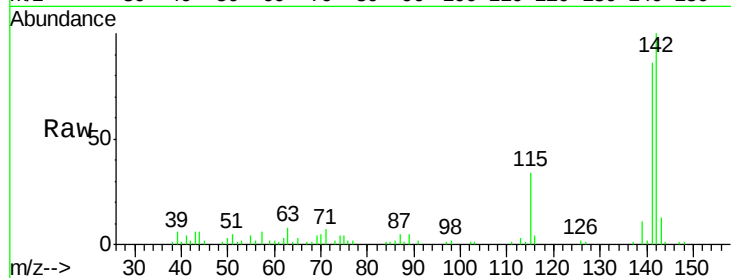




#37
2-Methylnaphthalene
Concen: 1.39 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

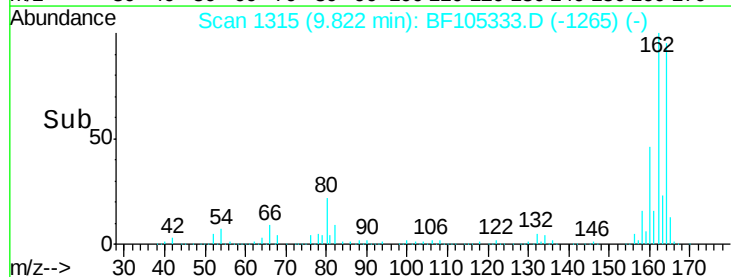
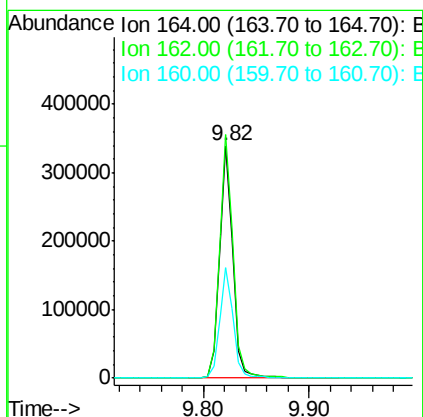
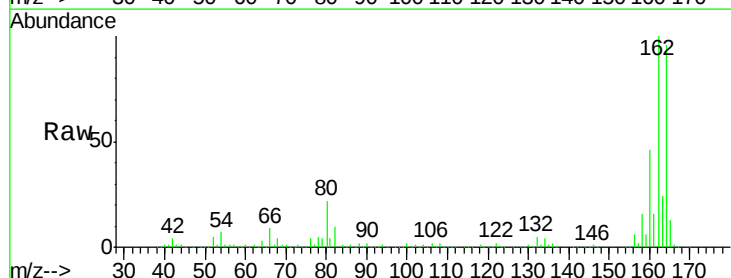
Instrument :
BNA_F
ClientSampleId :

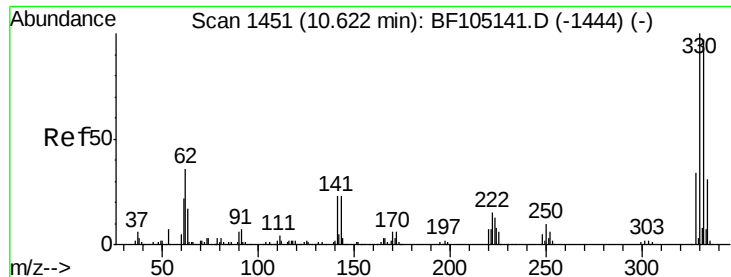
Tot Ion:142 Resp: 30844
Ion Ratio Lower Upper
142 100
141 86.1 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:164 Resp: 304718
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.7 38.3 57.5

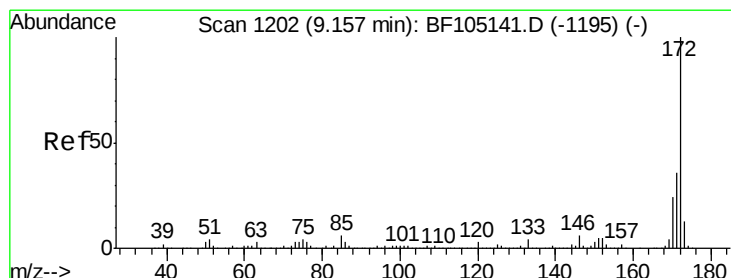
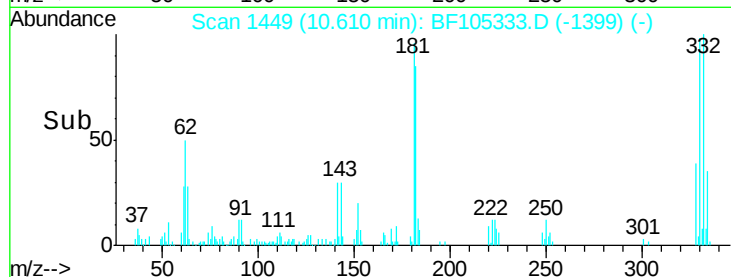
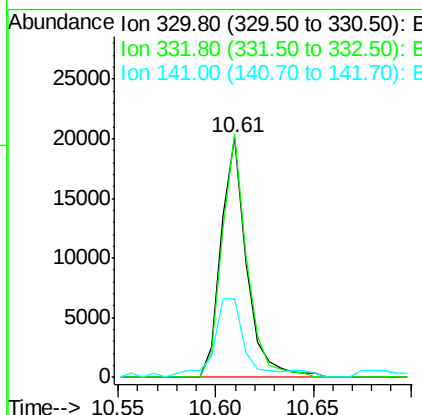
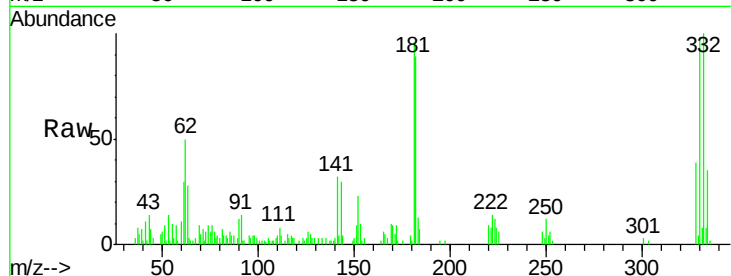




#41
 2,4,6-Tribromophenol
 Concen: 4.65 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

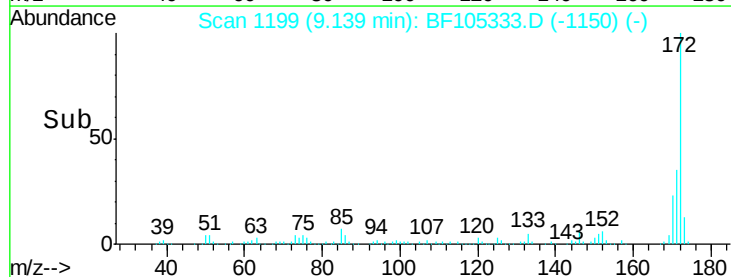
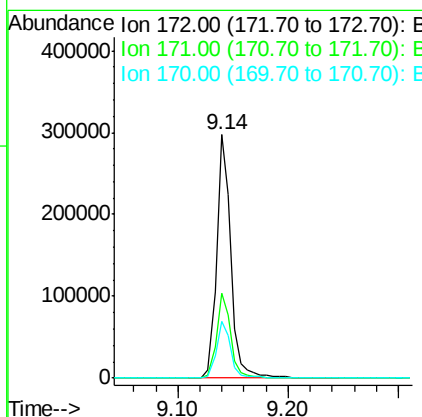
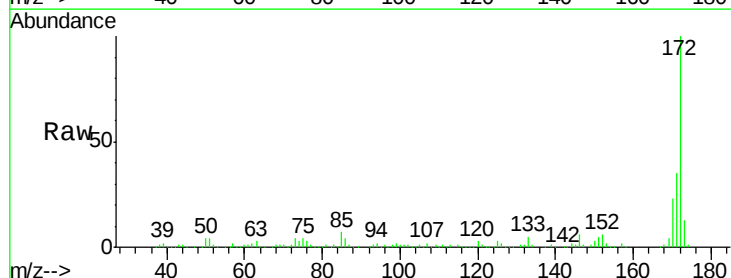
Instrument :
 BNA_F
 ClientSampled :

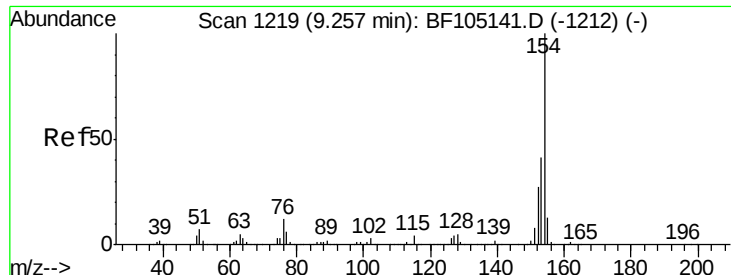
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	42.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 12.58 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.50 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

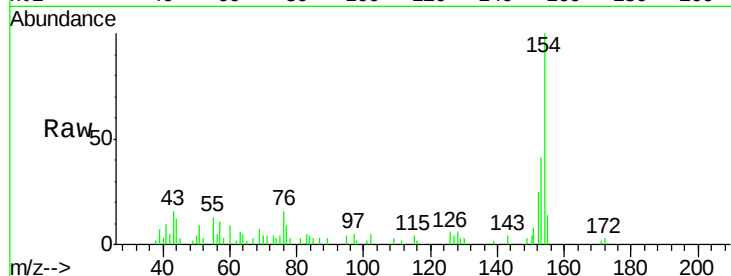
Tot Ion:154 Resp: 13607

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

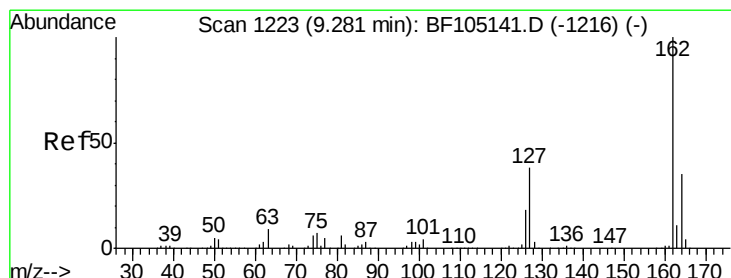
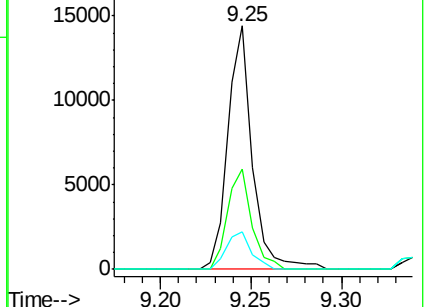
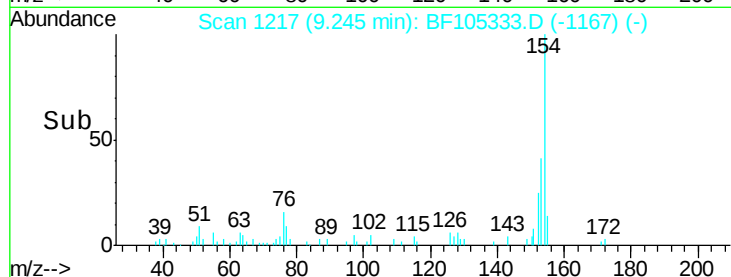
76 15.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 0.02 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.04 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

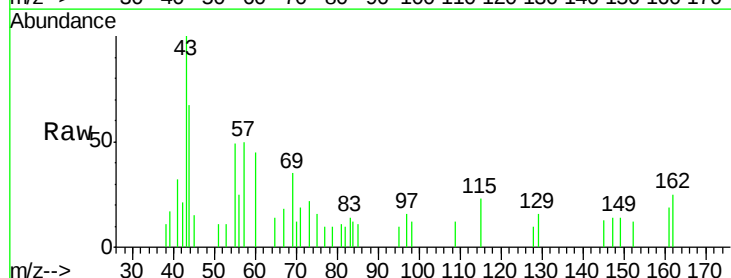
Tgt Ion:162 Resp: 425

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

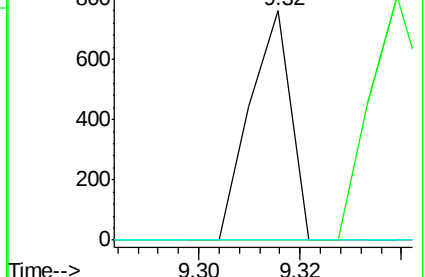
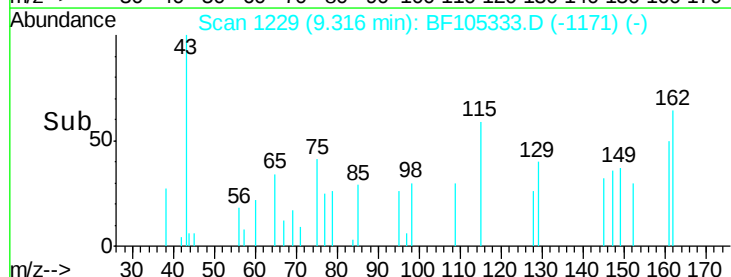
164 0.0 26.5 39.7#

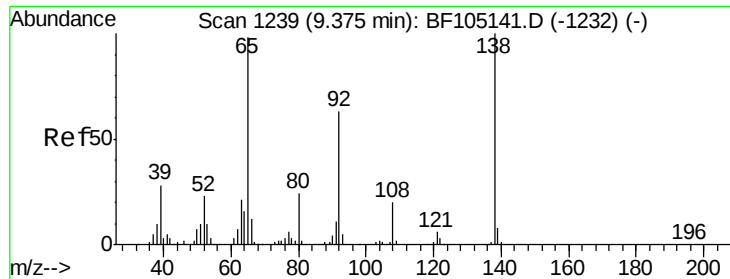


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

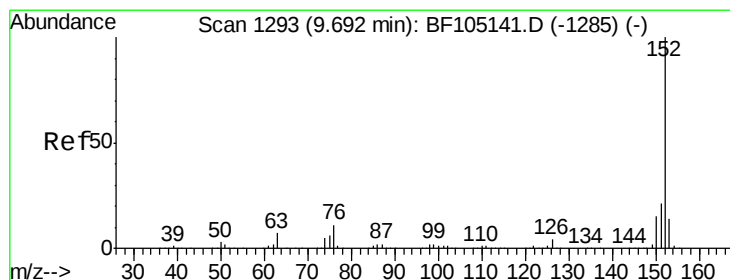
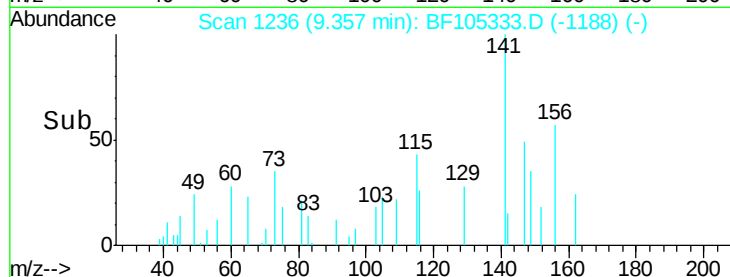
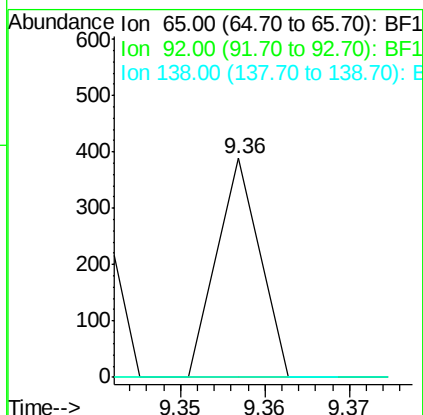
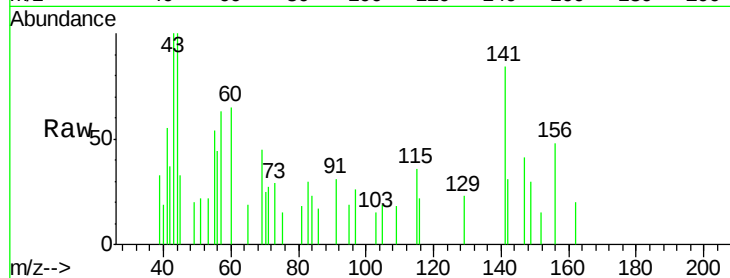




#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

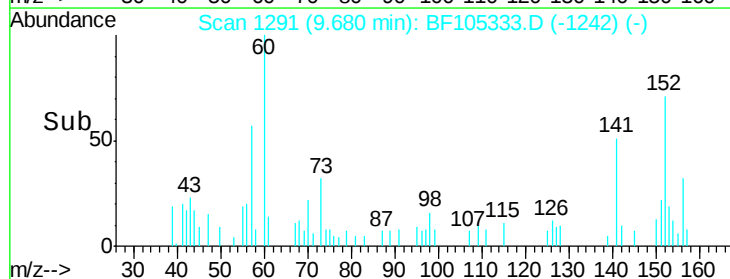
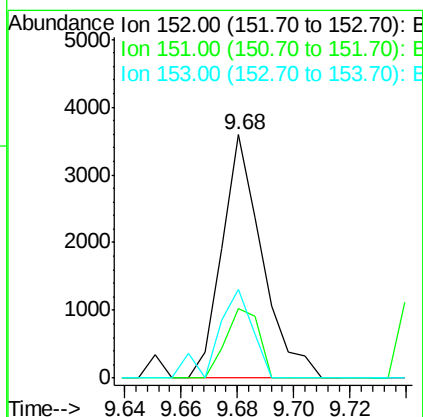
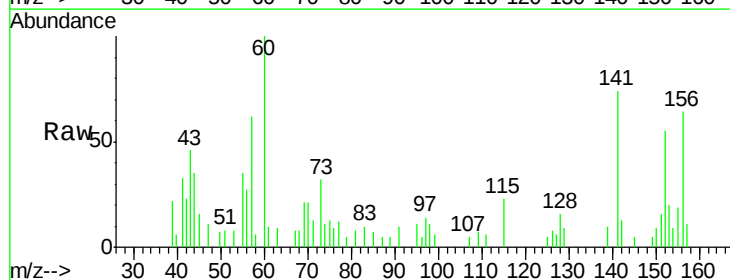
Instrument :
BNA_F
ClientSampled :

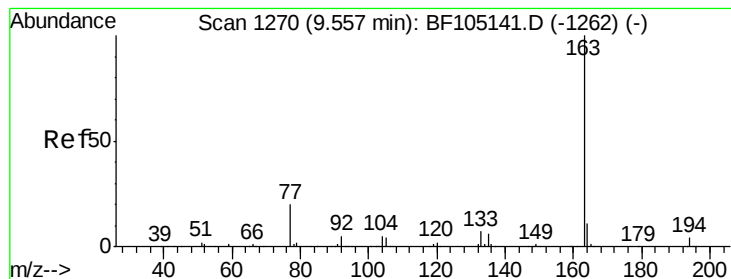
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



#48
Acenaphthylene
Concen: 0.11 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.3	24.5#
153	36.2	10.7	16.1#





#49

Dimethylphthalate

Concen: 0.86 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

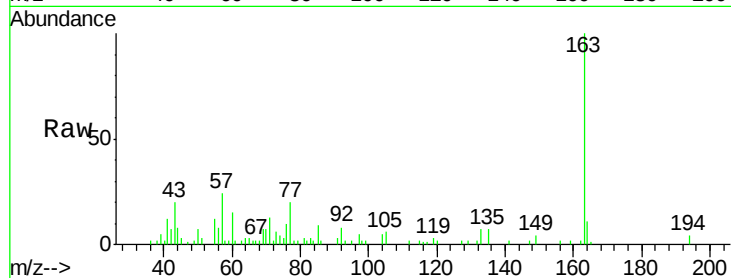
Tot Ion:163 Resp: 20160

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

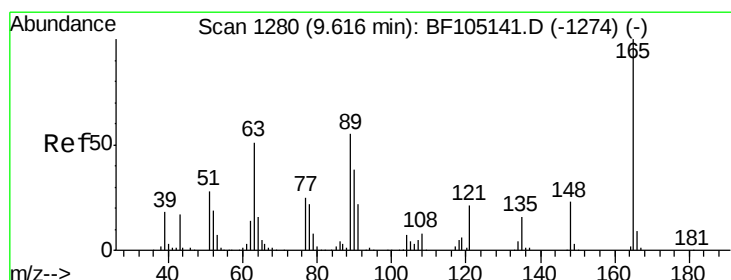
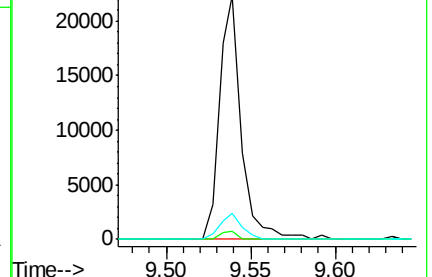
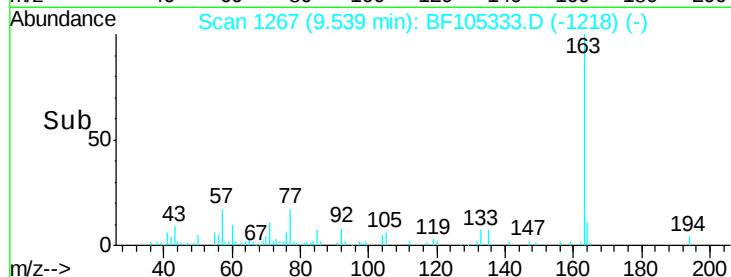
164 10.6 8.2 12.2



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: 7.86 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

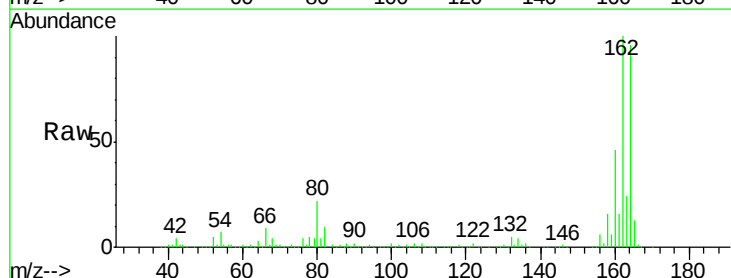
Tgt Ion:165 Resp: 40480

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

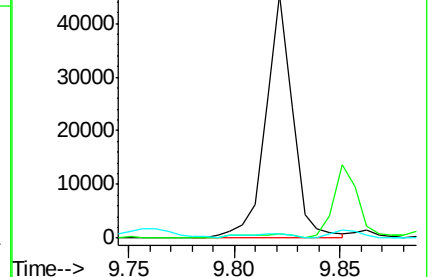
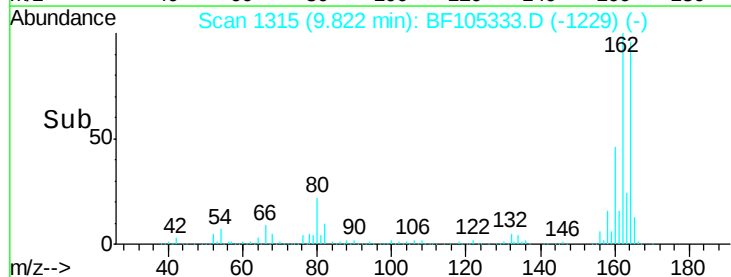
89 1.9 44.0 66.0#

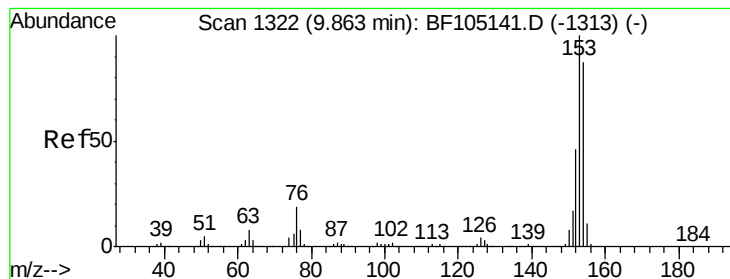


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 5.88 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

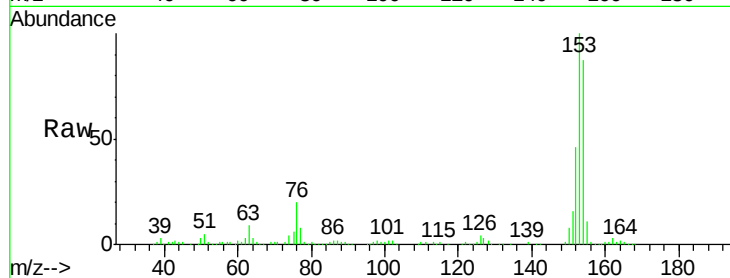
Tot Ion:154 Resp: 121196

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

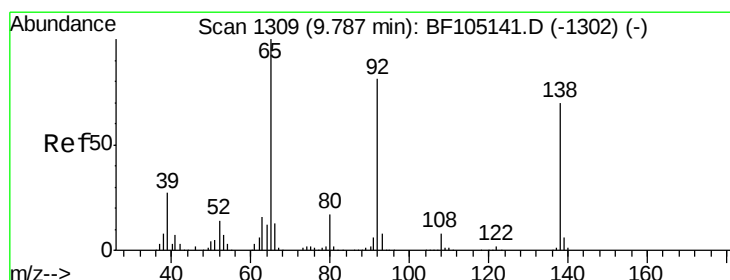
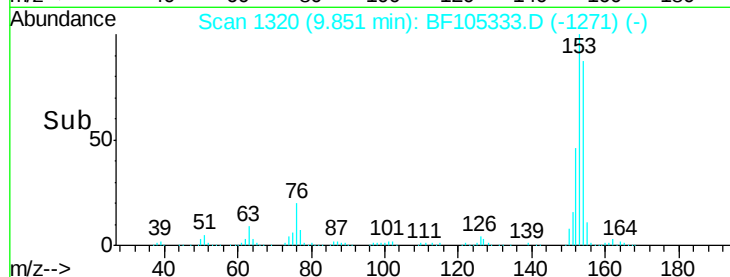
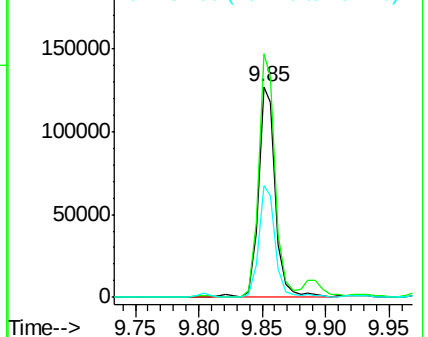
152 52.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.28 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.24 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

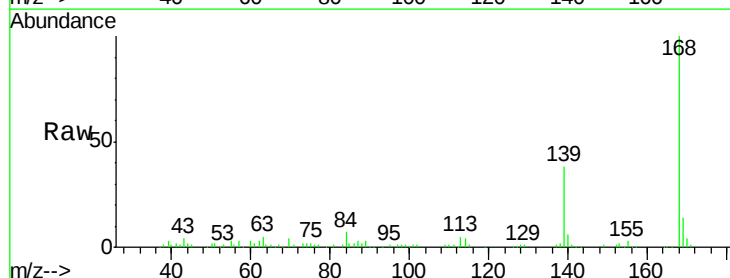
Tgt Ion:138 Resp: 1691

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

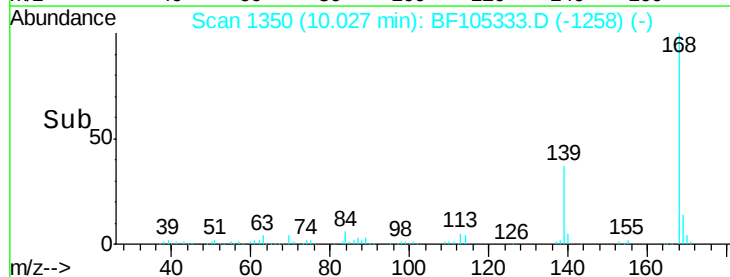
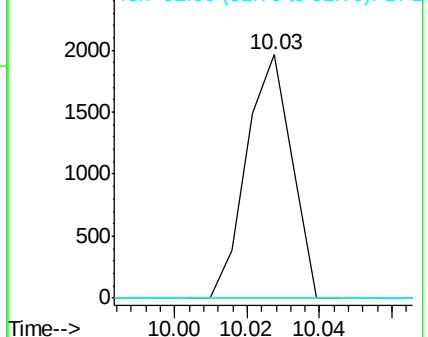
92 0.0 89.4 134.2#

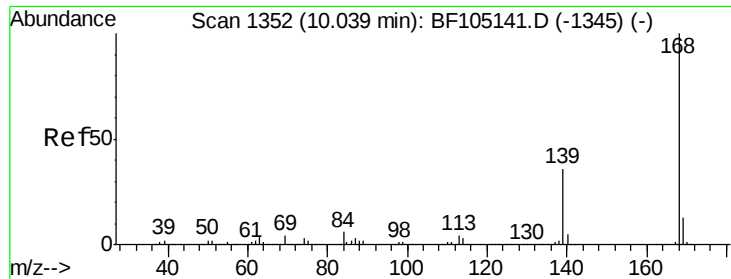


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

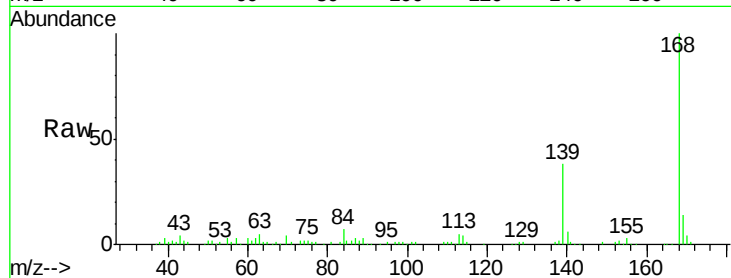




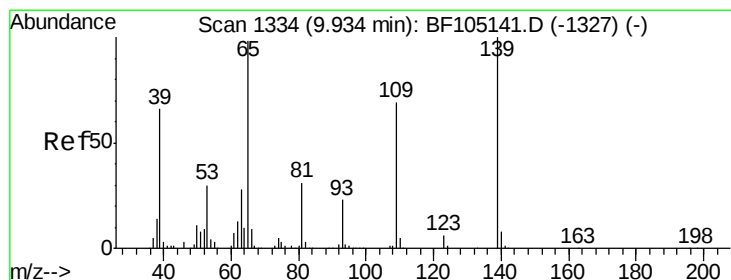
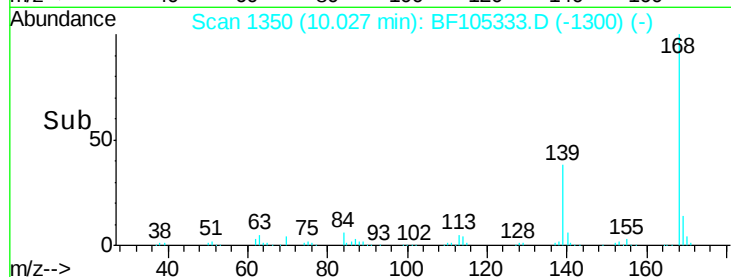
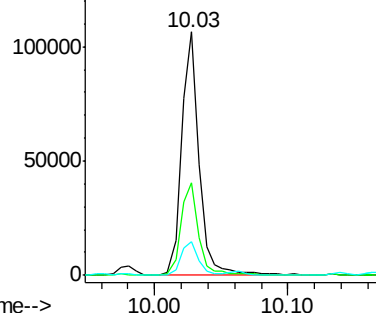
#54
Dibenzenofuran
Concen: 3.55 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 98309
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.7 10.9 16.3

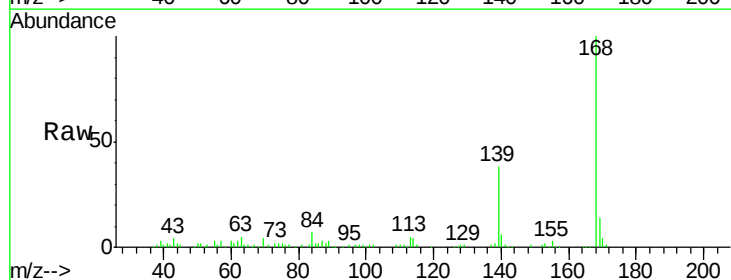


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

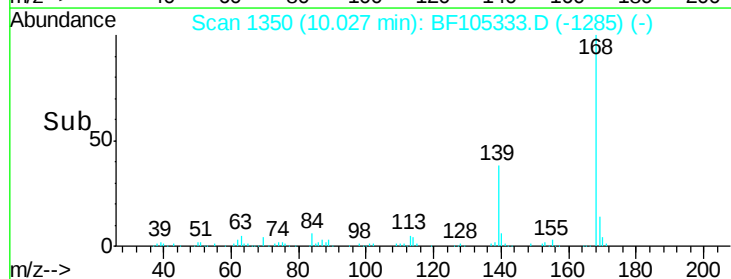
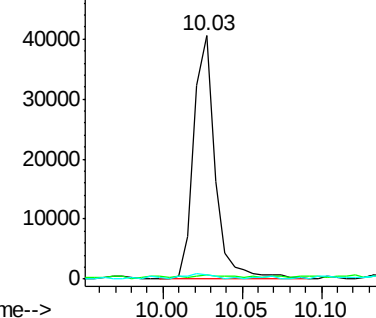


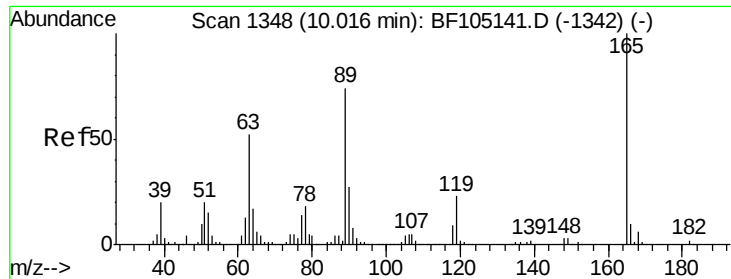
#55
4-Nitrophenol
Concen: 7.91 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.08 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:139 Resp: 38378
Ion Ratio Lower Upper
139 100
109 1.7 48.4 88.4#
65 1.8 72.6 112.6#



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

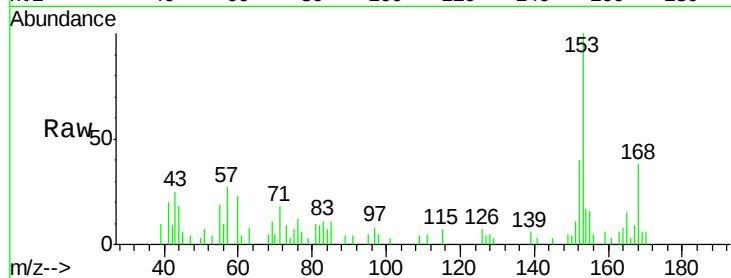




#56
2,4-Dinitrotoluene
Concen: 0.21 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.04 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.4	36.4	54.6
89	26.2	57.8	86.6#
182	0.0	1.6	2.4#



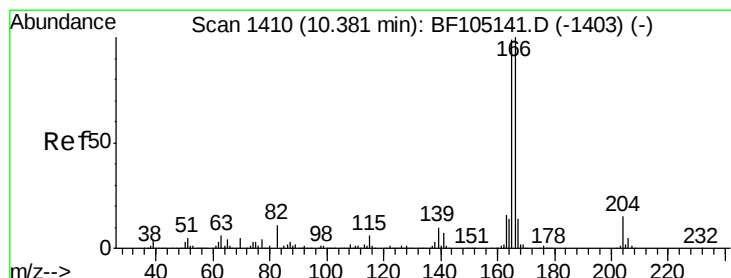
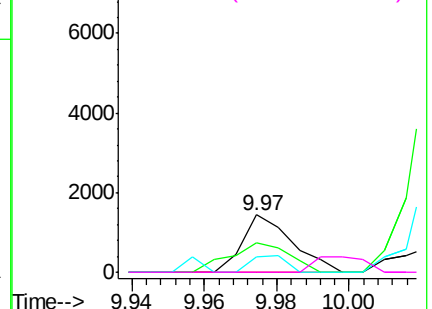
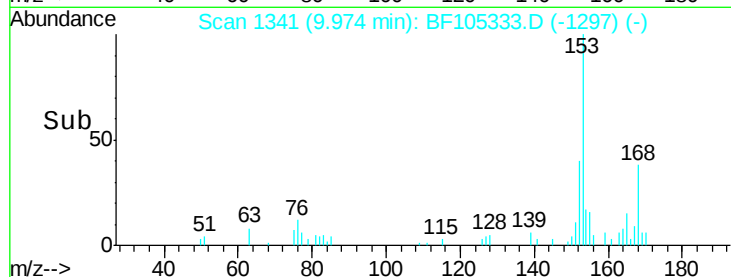
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

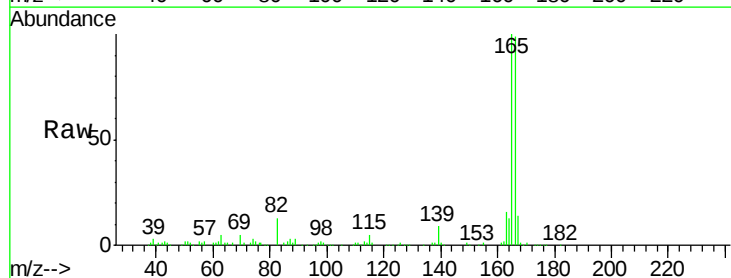
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 5.71 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	14.4	10.6	16.0

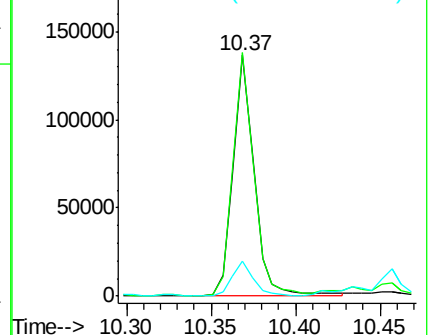
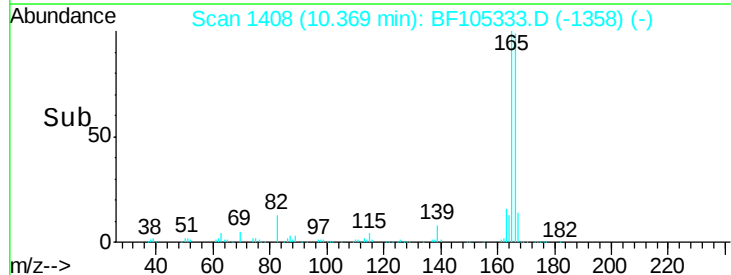


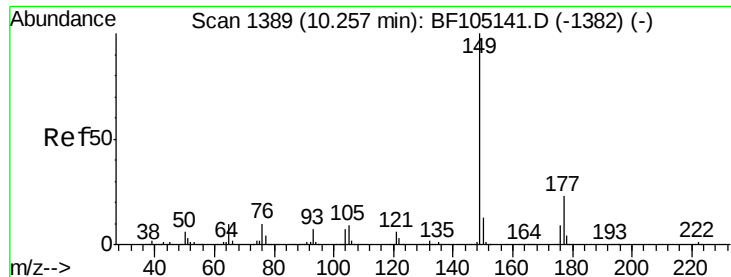
Abundance

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

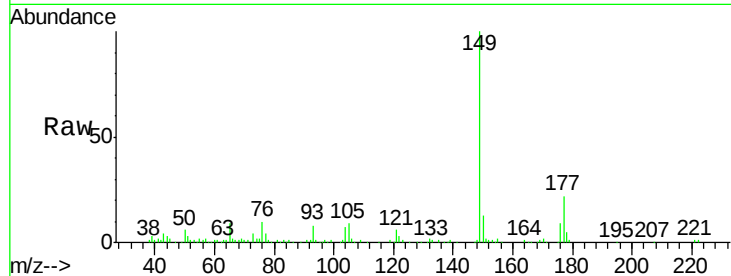




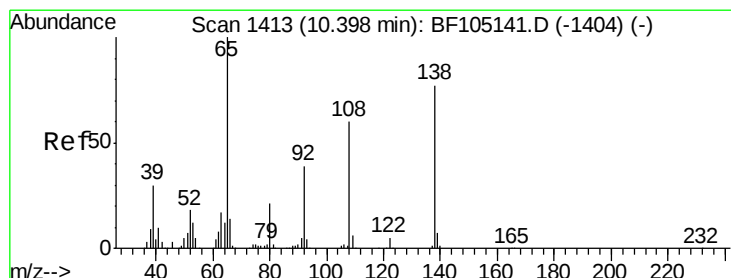
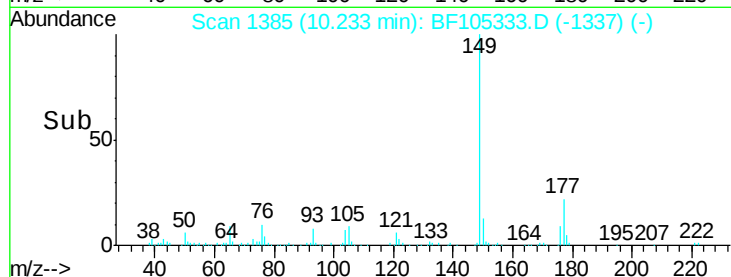
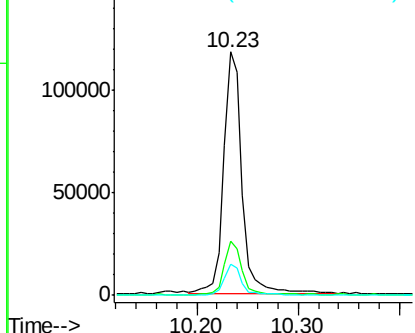
#59
Diethylphthalate
Concen: 6.29 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 146821
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 13.0 10.1 15.1

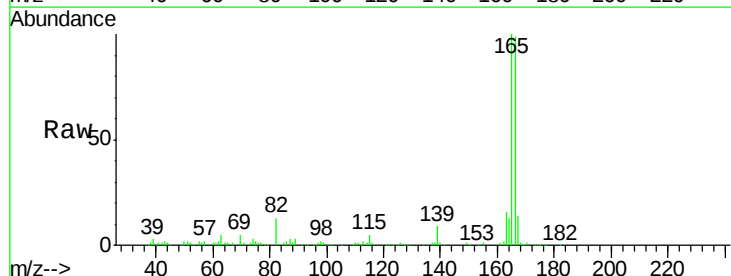


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

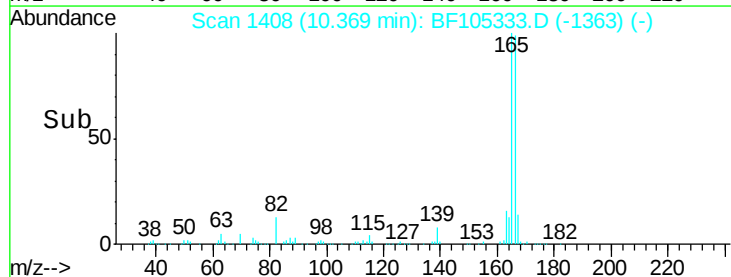
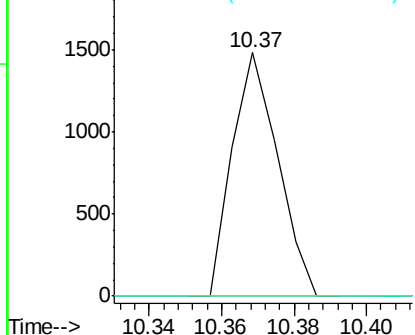


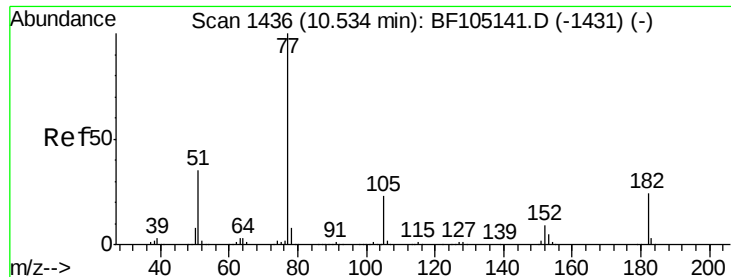
#61
4-Nitroaniline
Concen: 0.22 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.04 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:138 Resp: 1297
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.04 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

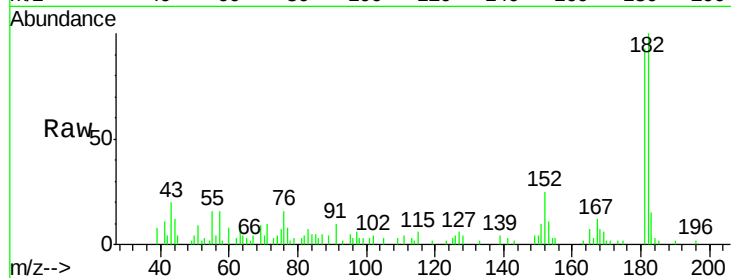
Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 77 Resp: 944

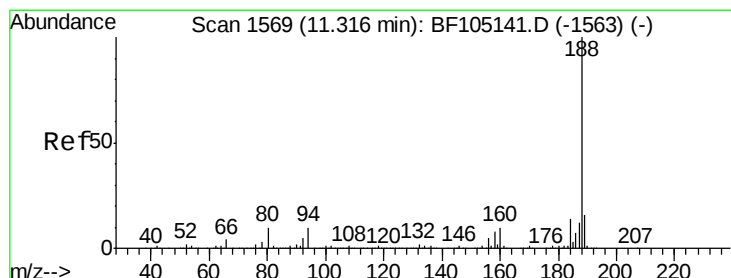
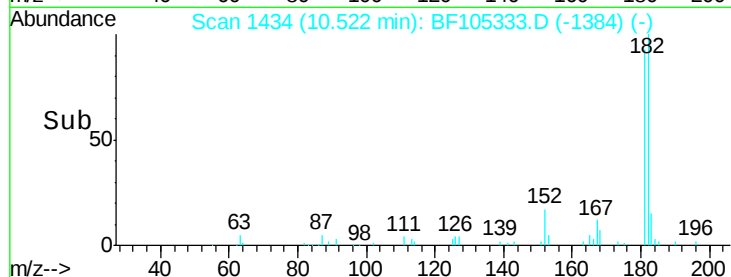
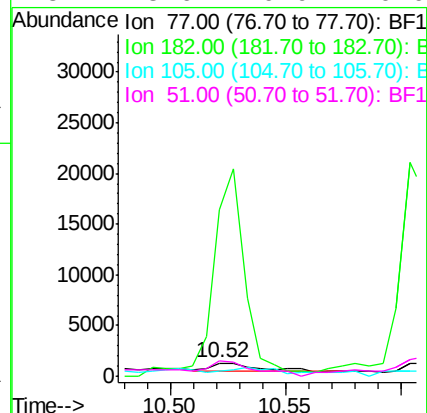
Ion Ratio Lower Upper

77 100

182 1291.2 1.7 41.7#

105 39.1 3.0 43.0

51 118.6 9.9 49.9#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

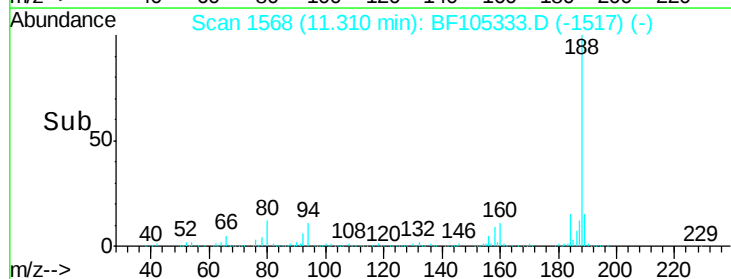
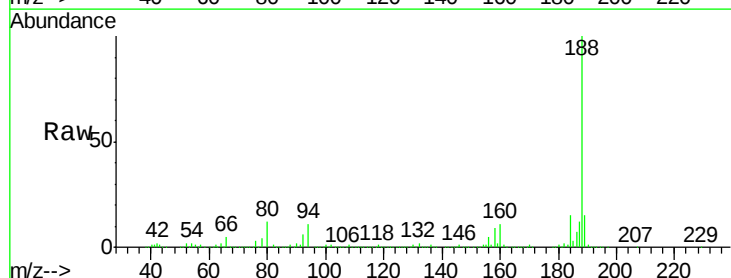
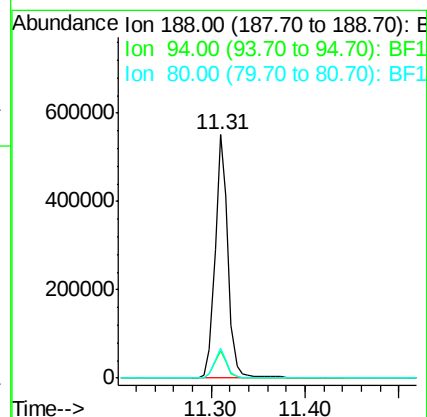
Tgt Ion: 188 Resp: 537726

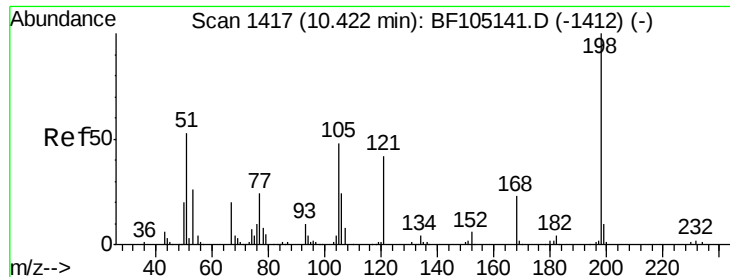
Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

80 12.1 9.2 13.8

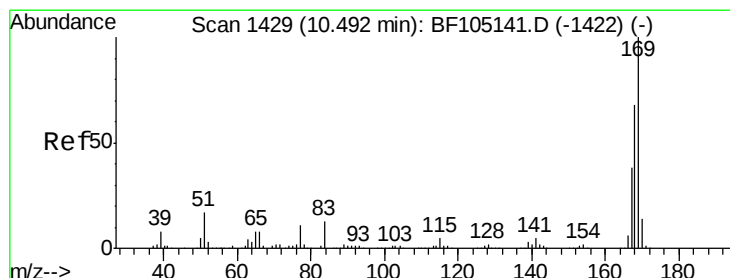
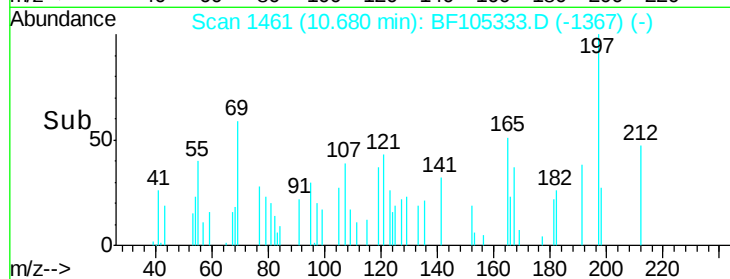
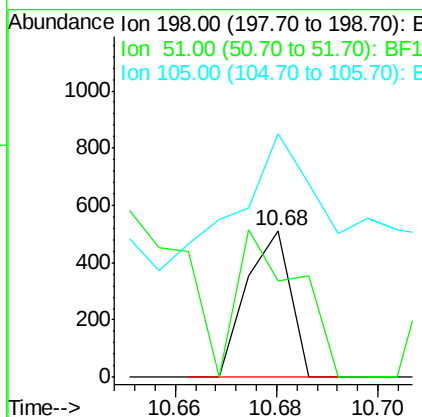
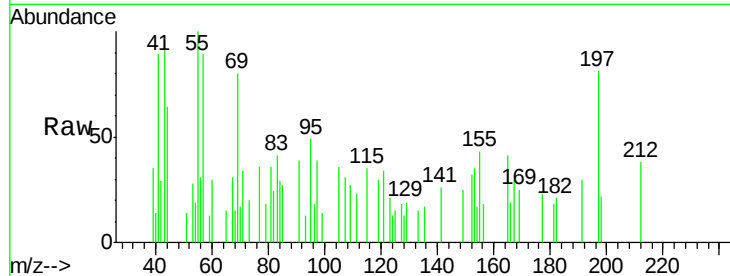




#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.09 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.25 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

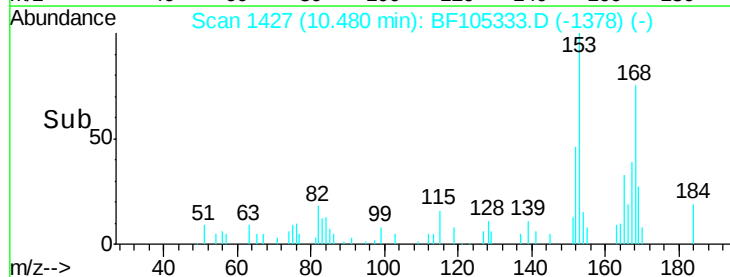
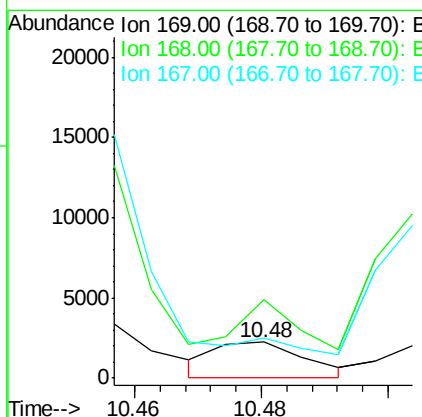
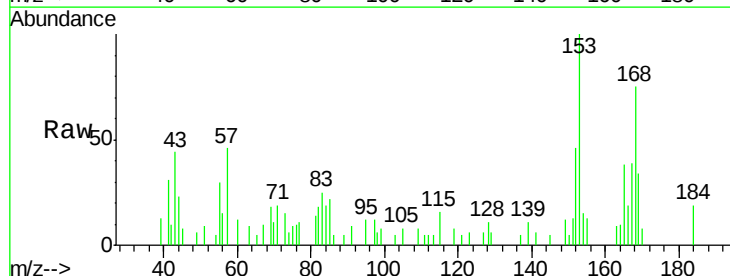
Instrument :
 BNA_F
 ClientSampled :

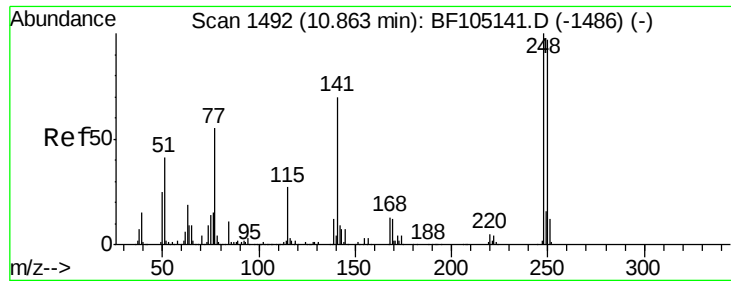
Tot Ion:198 Resp: 305
 Ion Ratio Lower Upper
 198 100
 51 65.9 37.7 77.7
 105 166.3 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 0.12 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:169 Resp: 2205
 Ion Ratio Lower Upper
 169 100
 168 218.6 54.4 81.6#
 167 113.5 29.8 44.6#

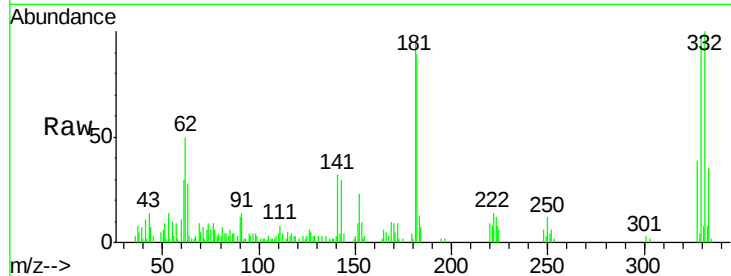




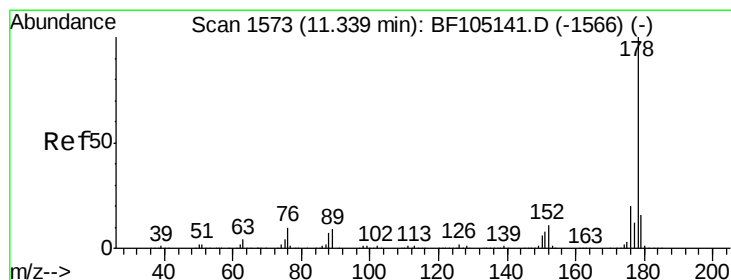
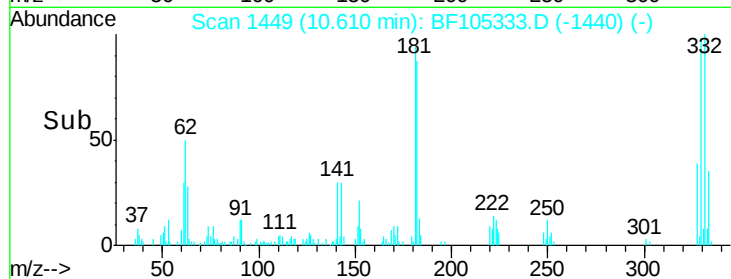
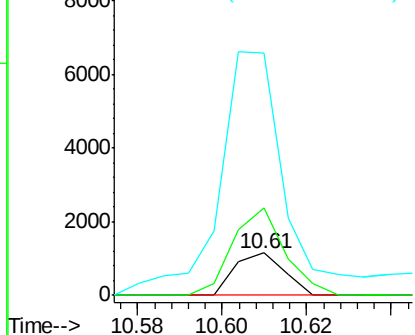
#66
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 937
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 569.2 74.4 111.6#

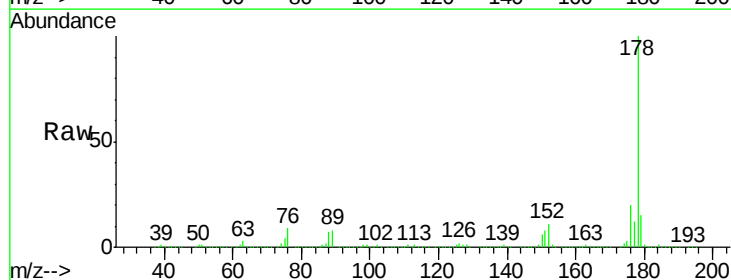


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

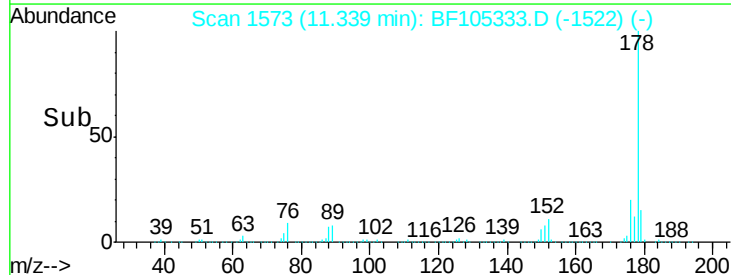
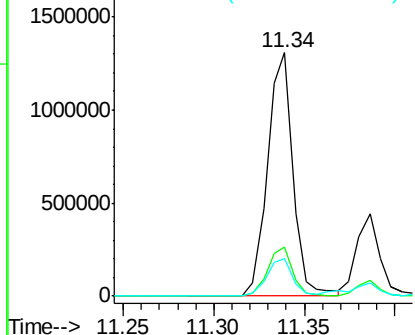


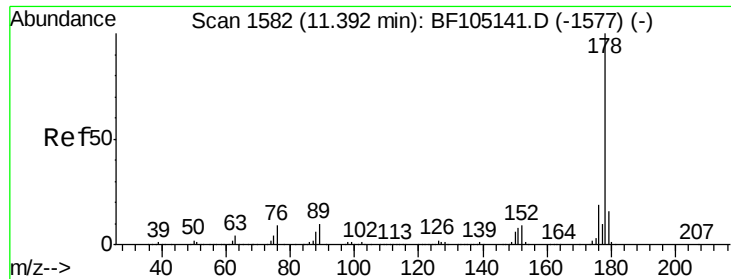
#70
Phenanthrene
Concen: 42.20 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:178 Resp: 1278909
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.5 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

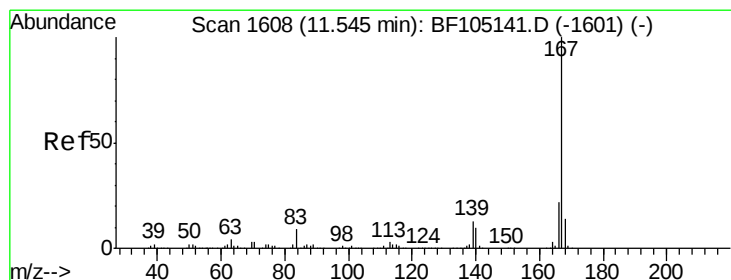
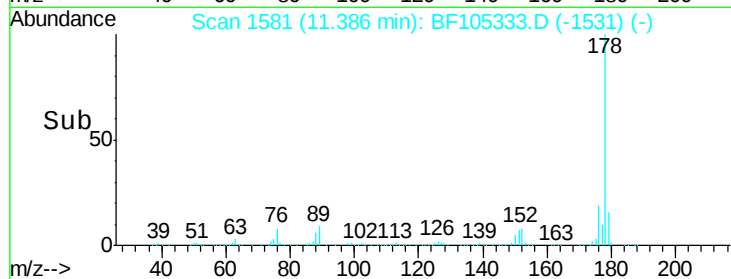
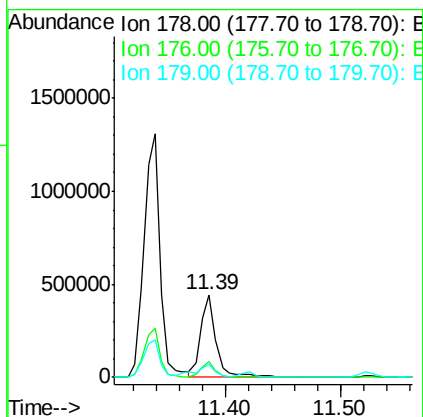
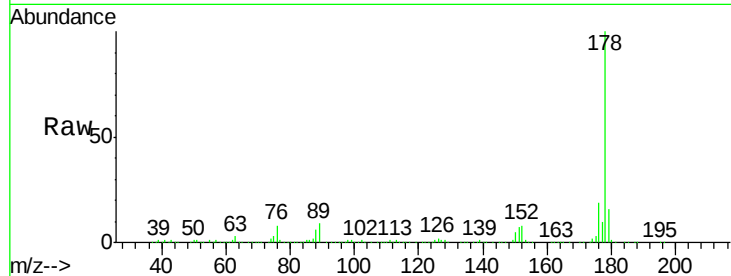




#71
 Anthracene
 Concen: 13.34 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

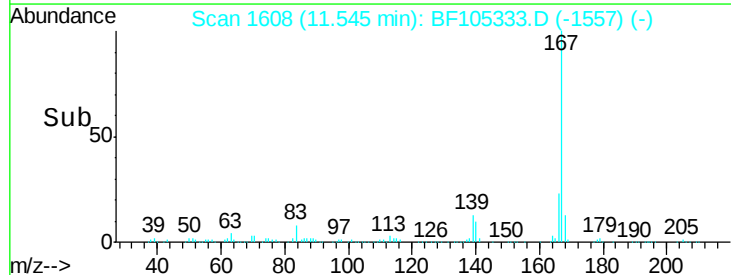
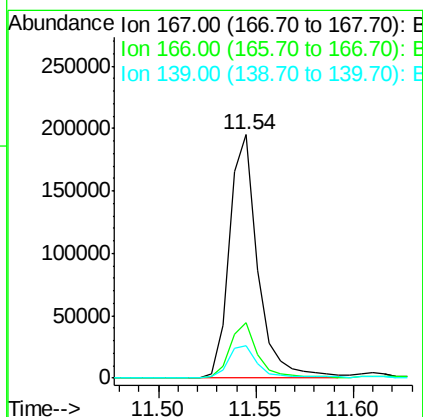
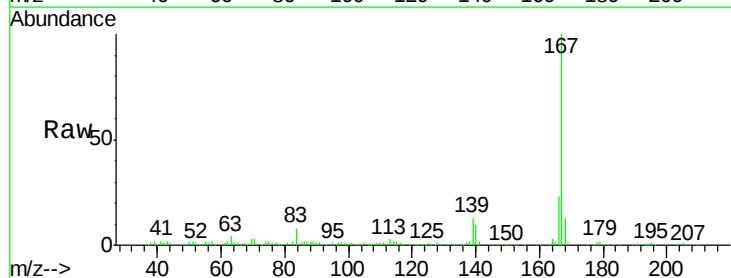
Instrument :
 BNA_F
 ClientSampleId :

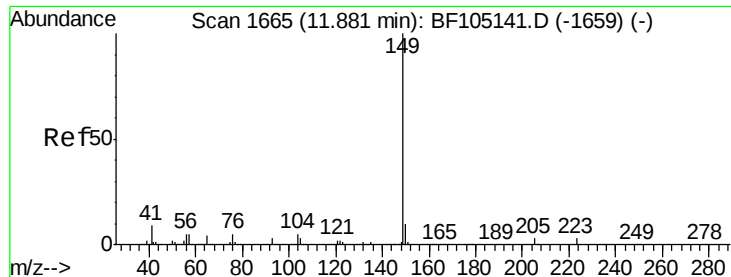
Tot Ion:178 Resp: 418420
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 7.10 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:167 Resp: 194996
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

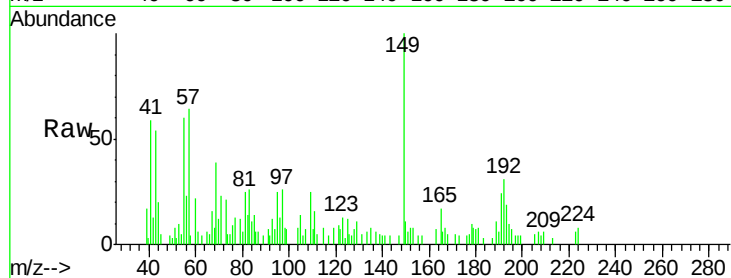
Tot Ion:149 Resp: 7706

Ion Ratio Lower Upper

149 100

150 11.3 7.8 11.6

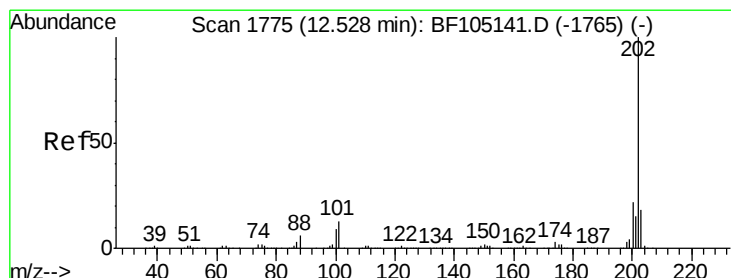
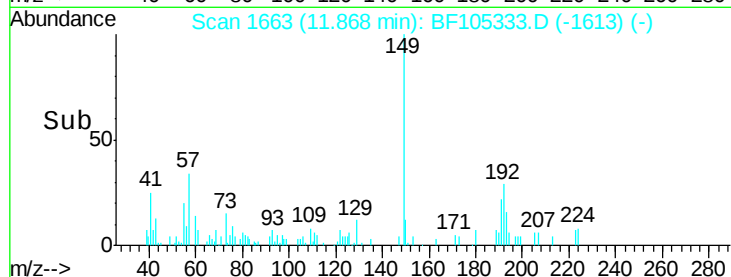
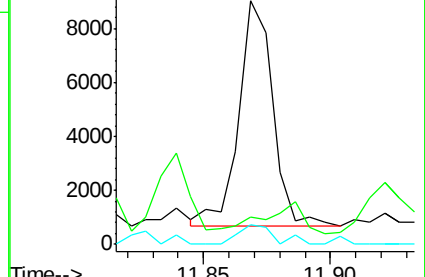
104 7.9 3.8 5.8#



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: 59.42 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

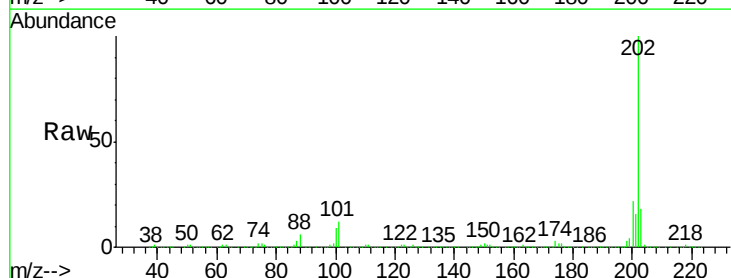
Tgt Ion:202 Resp: 1789945

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

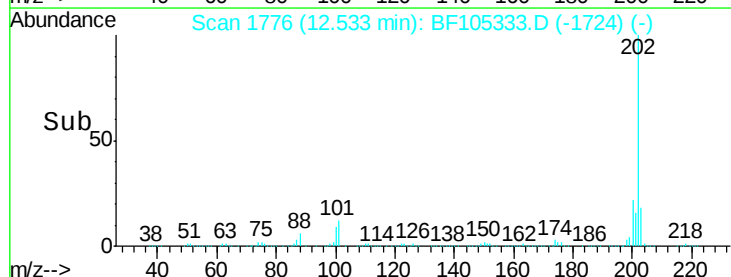
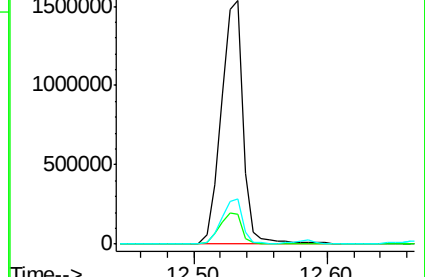
203 18.3 0.0 38.1

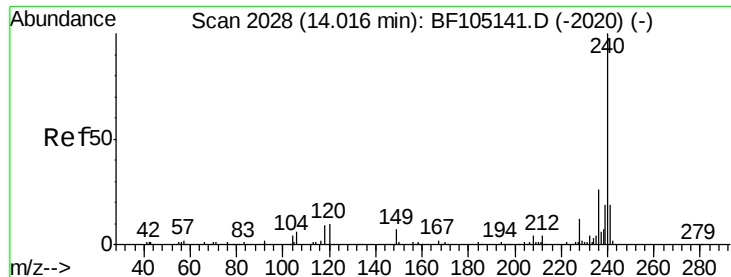


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

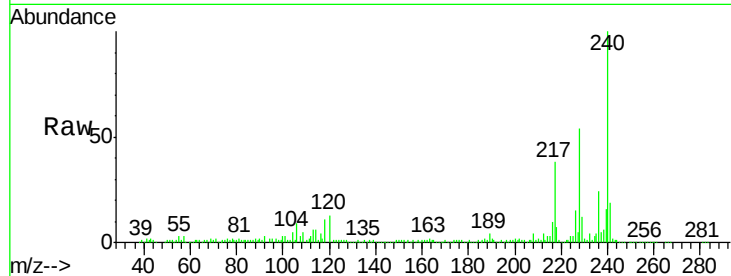
Tot Ion:240 Resp: 349062

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

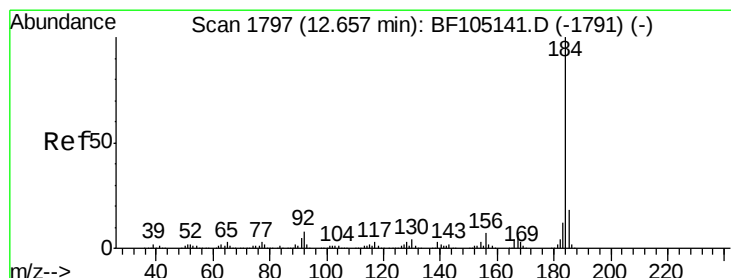
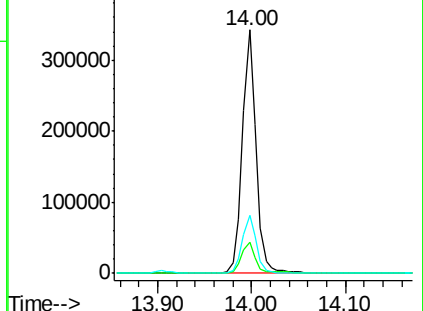
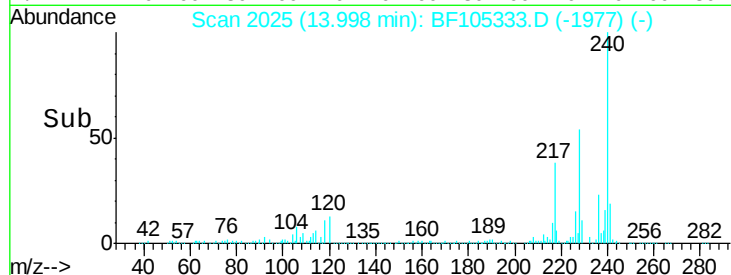
236 24.1 20.7 31.1



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: 0.01 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.06 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

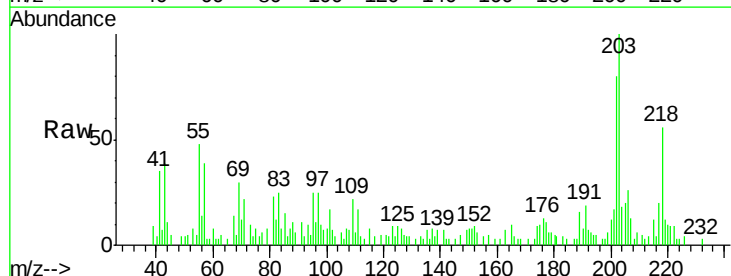
Tgt Ion:184 Resp: 131

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

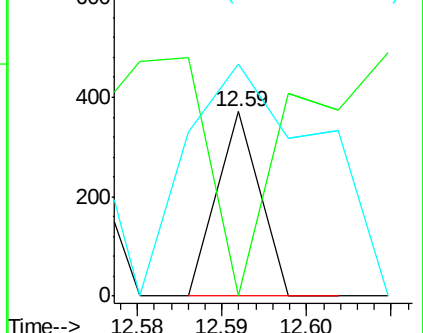
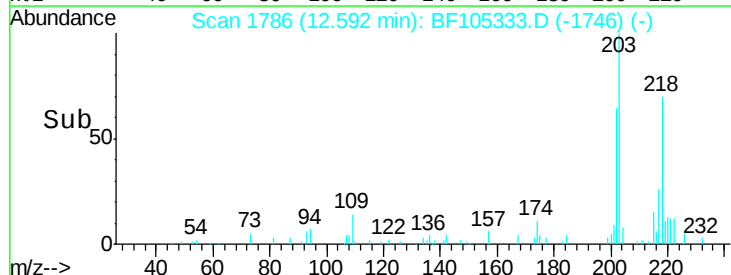
183 125.6 9.3 13.9#

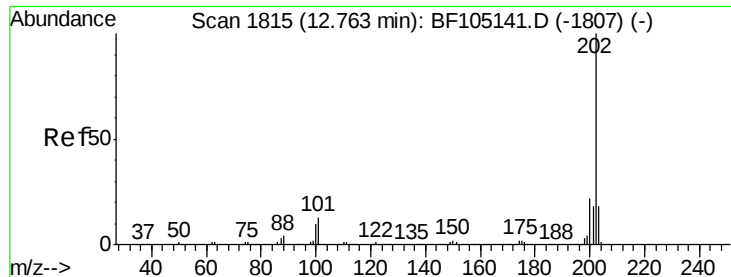


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

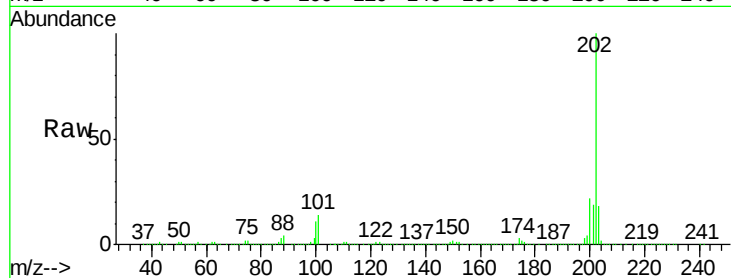




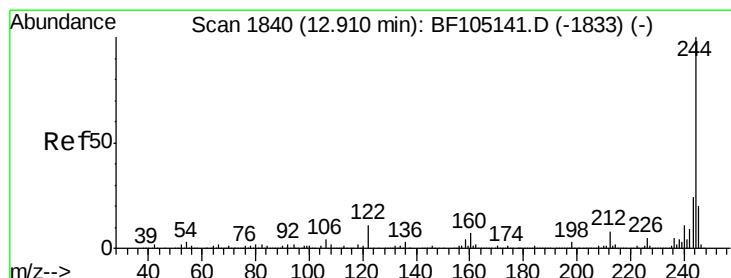
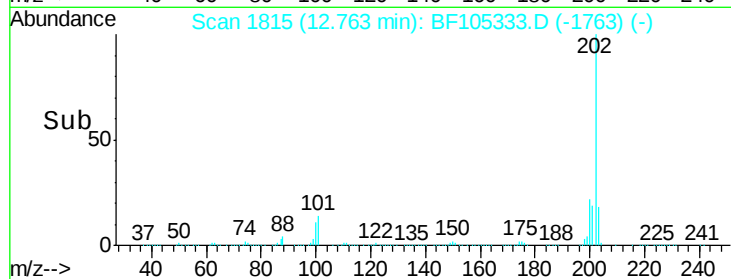
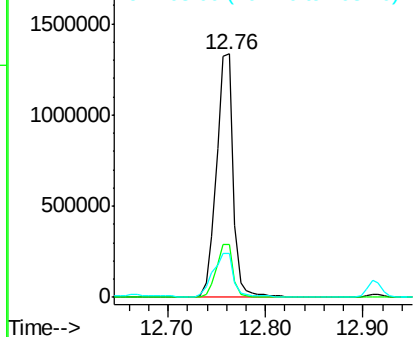
#77
Pvrene
Concen: 58.87 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1585723
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5

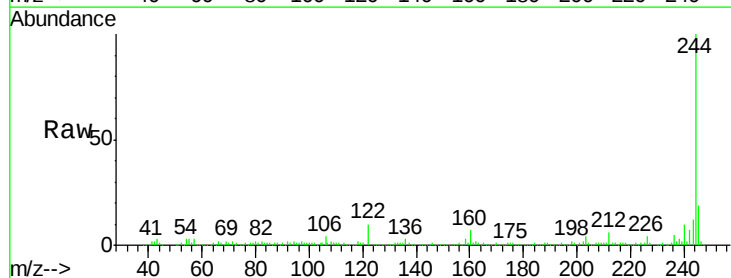


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

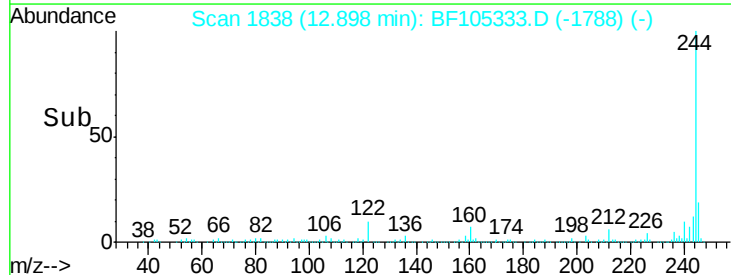
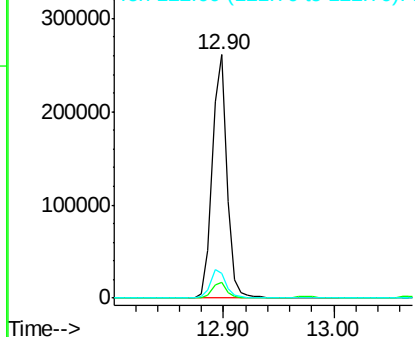


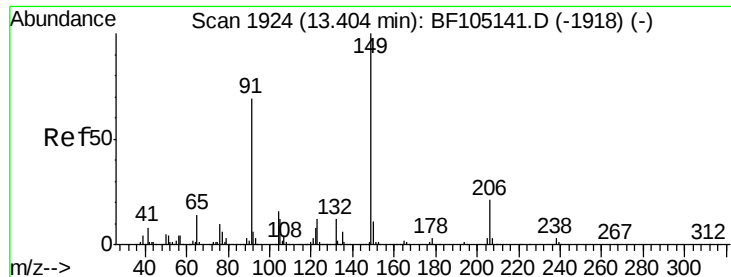
#78
Terphenyl-d14
Concen: 14.55 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:244 Resp: 236189
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.3 11.0 16.4#



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

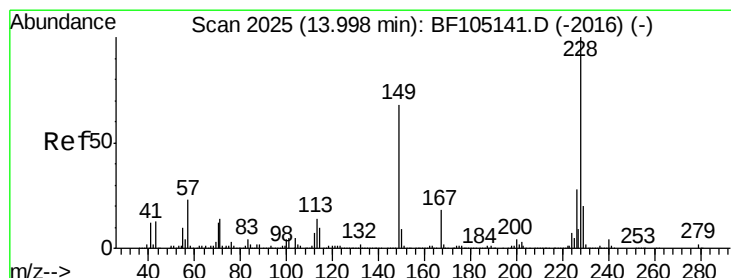
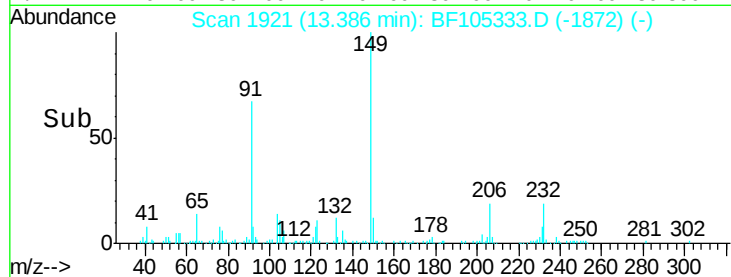
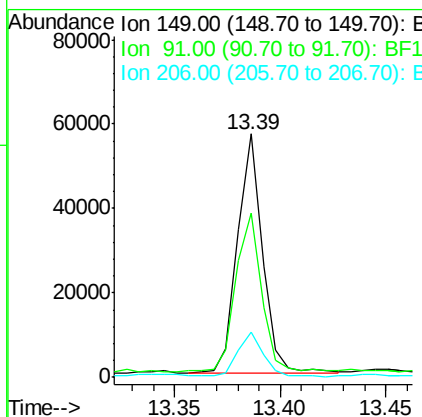
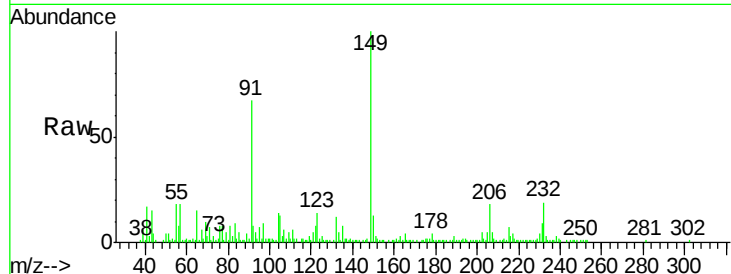




#79
 Butylbenzylphthalate
 Concen: 3.92 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

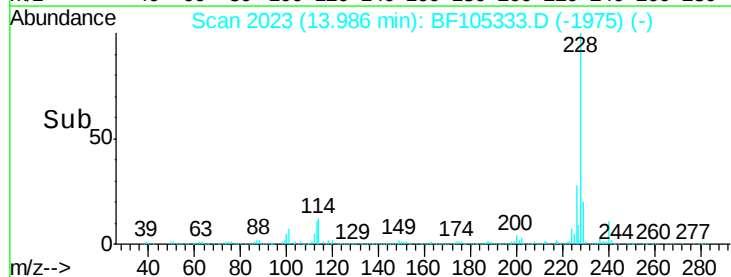
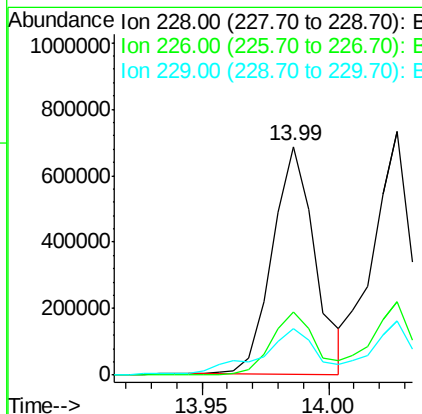
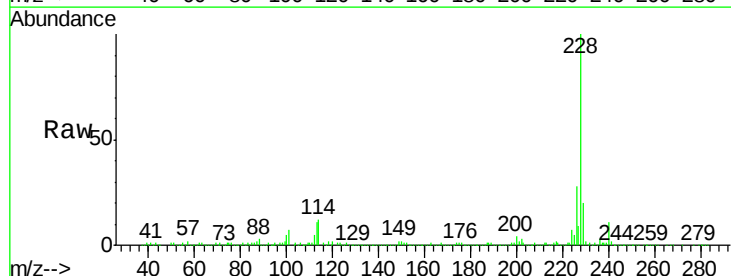
Instrument :
 BNA_F
 ClientSampleId :

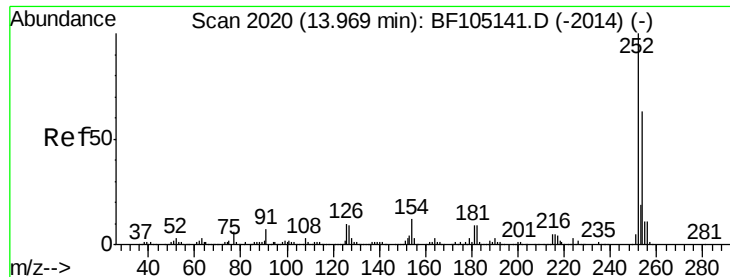
Tot Ion:	149	Resp:	46566
Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.8	85.2
206	18.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.23 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:	228	Resp:	799584
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	15.8	23.6

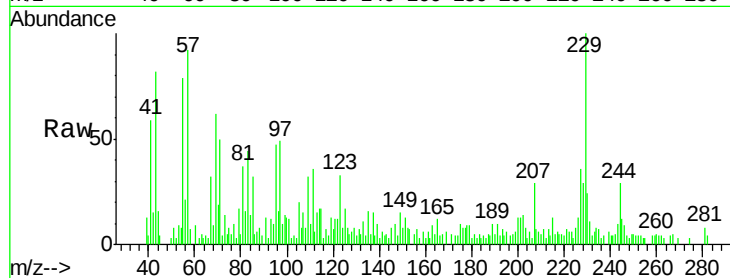




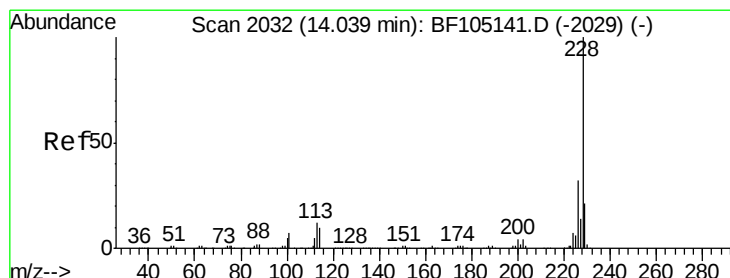
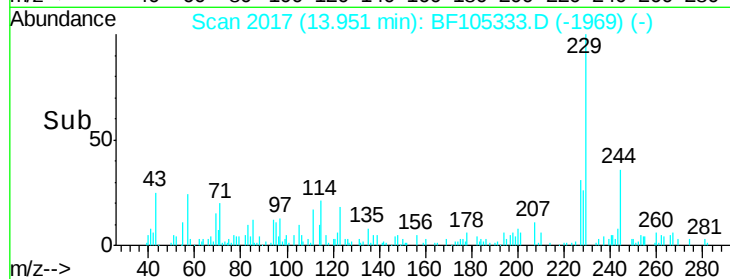
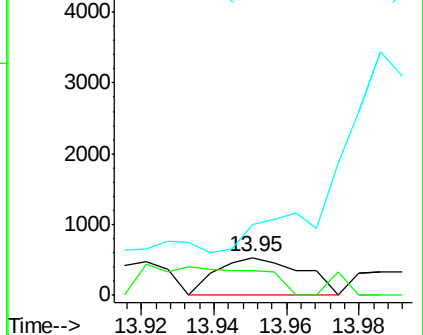
#81
 3,3'-Dichlorobenzidine
 Concen: 0.11 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 870
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 186.9 11.3 16.9#

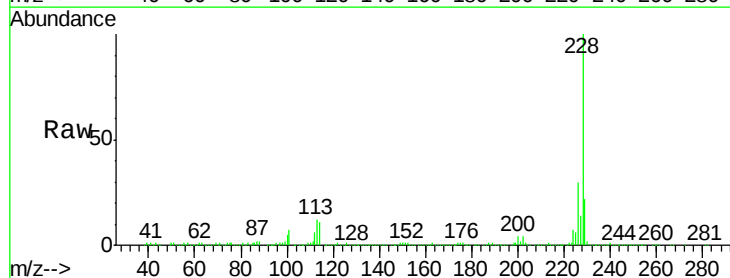


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

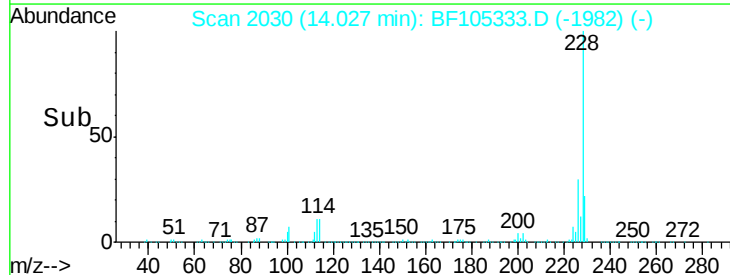
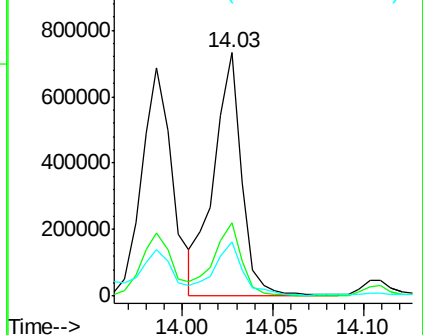


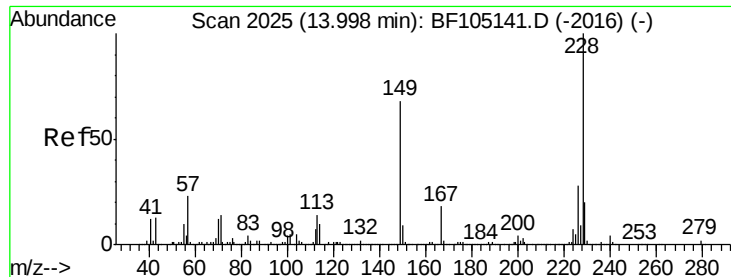
#82
 Chrysene
 Concen: 38.72 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:228 Resp: 777578
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 22.3 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

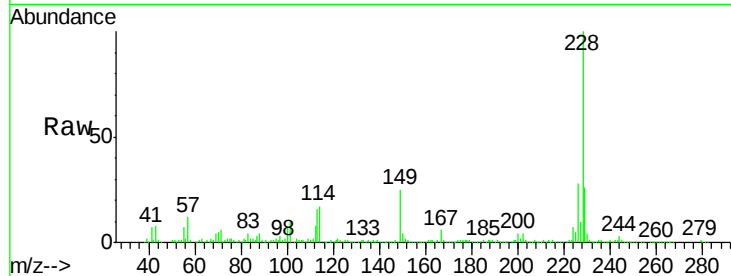




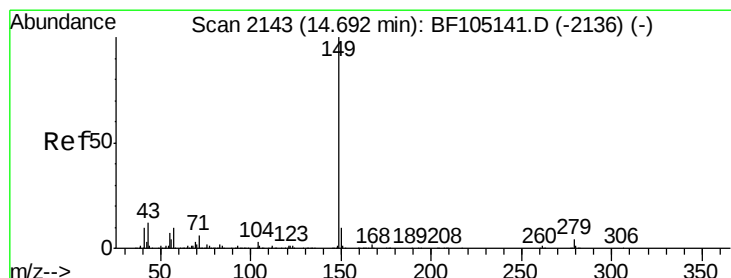
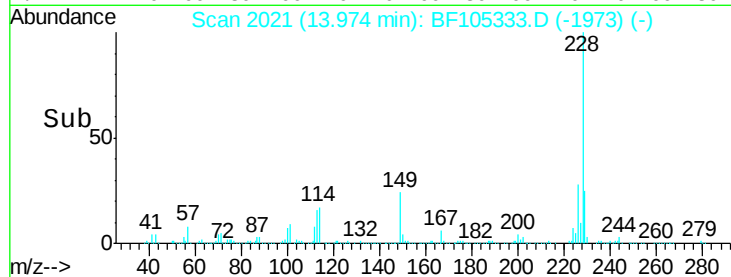
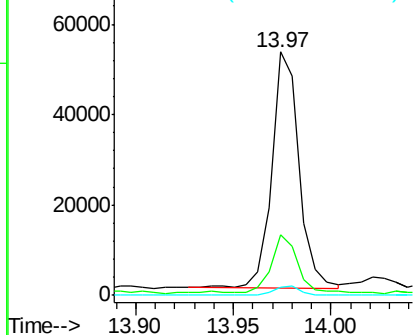
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.49 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 50128
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.3 31.9
 279 3.1 3.0 4.4

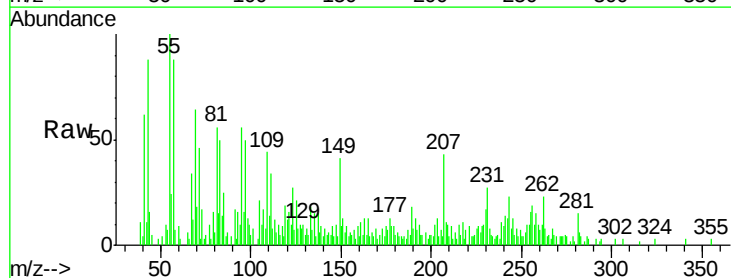


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

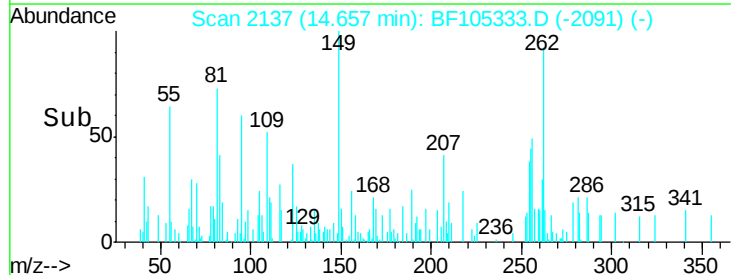
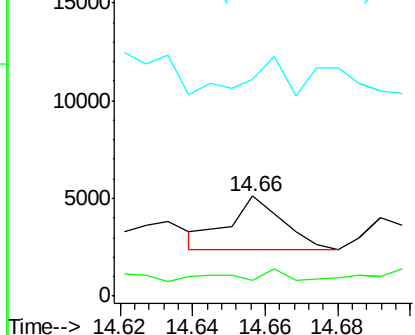


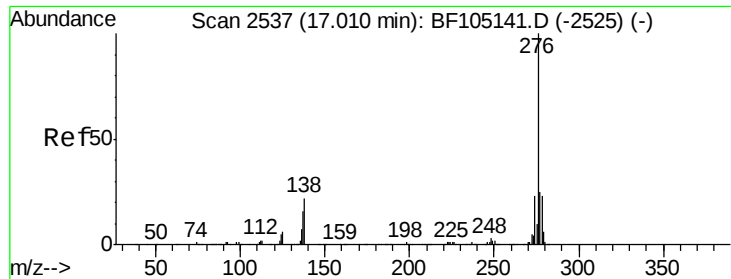
#84
 Di-n-octyl phthalate
 Concen: 0.12 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.03 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Tgt Ion:149 Resp: 2815
 Ion Ratio Lower Upper
 149 100
 167 11.7 1.2 1.8#
 43 36.2 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: 16.41 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

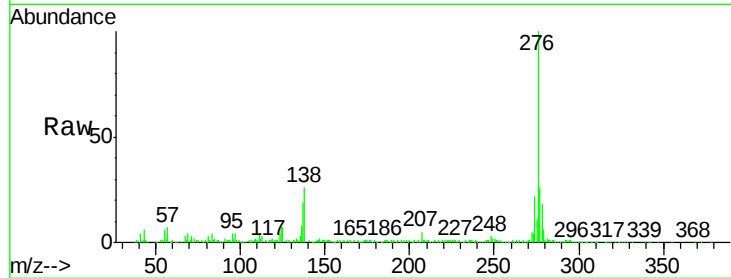
Tot Ion:276 Resp: 300023

Ion Ratio Lower Upper

276 100

138 25.7 25.0 37.6

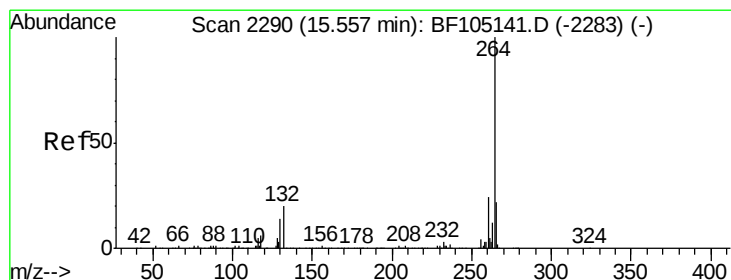
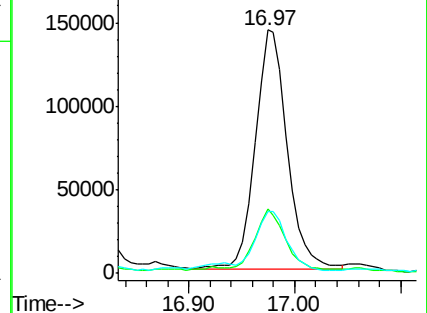
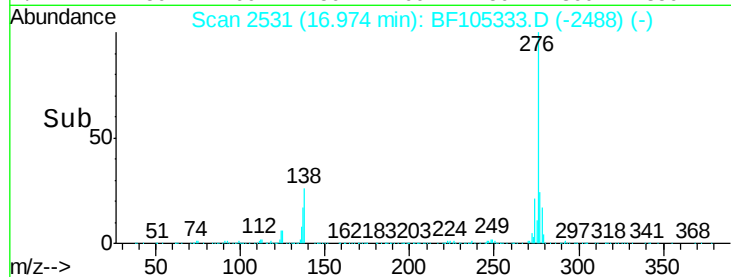
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

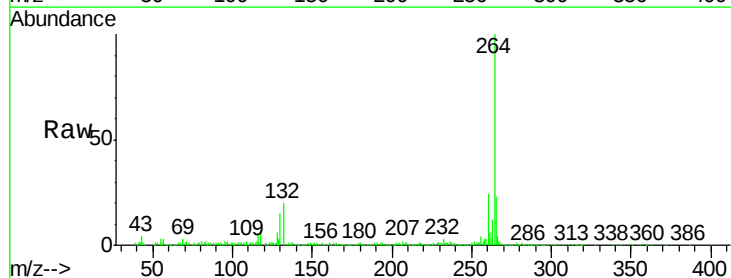
Tgt Ion:264 Resp: 408161

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

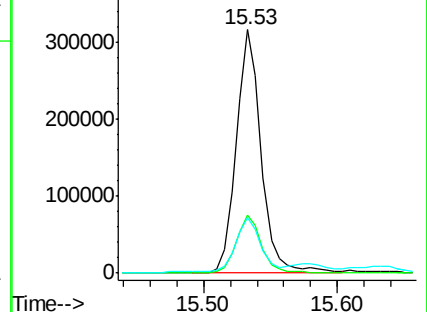
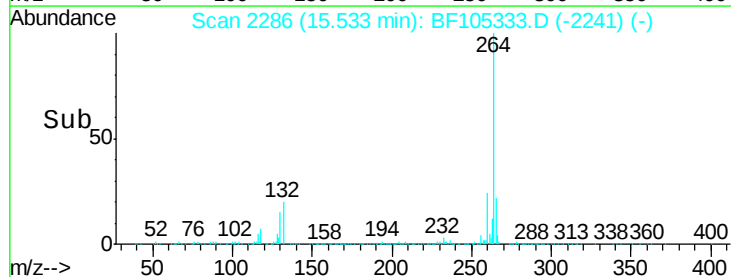
265 22.6 17.5 26.3

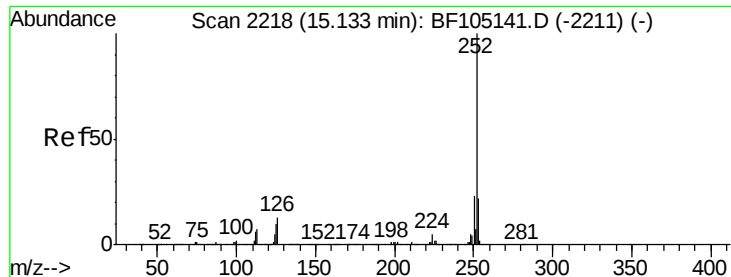


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.15 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.04 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

Instrument :

BNA_F

ClientSampleId :

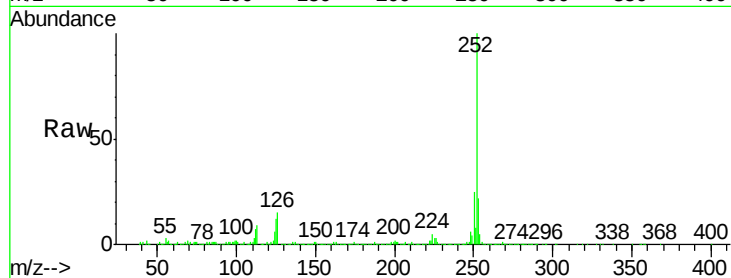
Tot Ion:252 Resp: 1171336

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

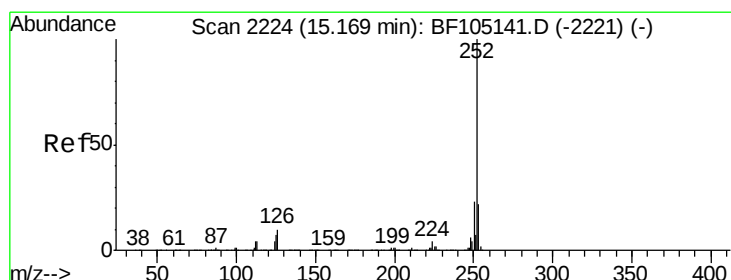
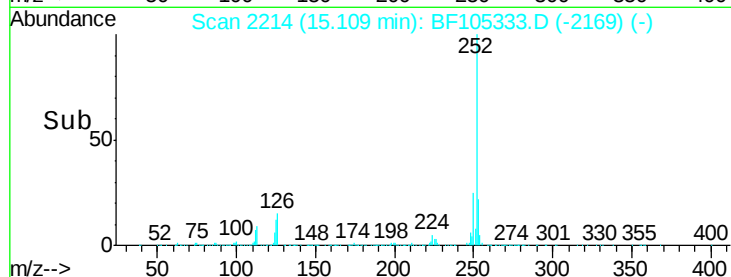
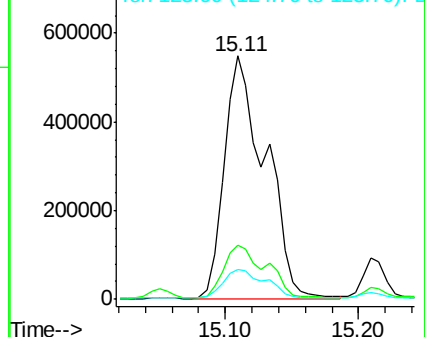
125 12.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.79 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.06 min

Lab File: BF105333.D

Acq: 12 May 2018 13:26

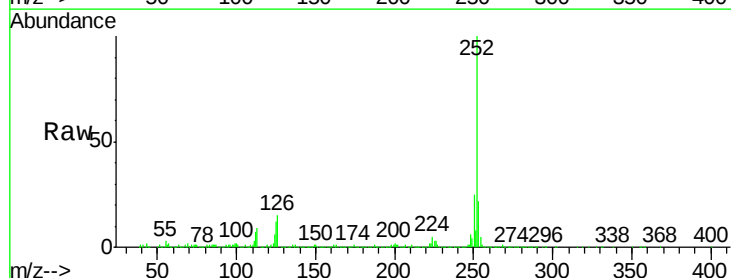
Tgt Ion:252 Resp: 1171336

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

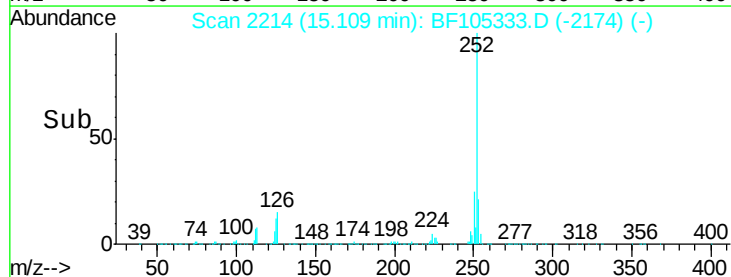
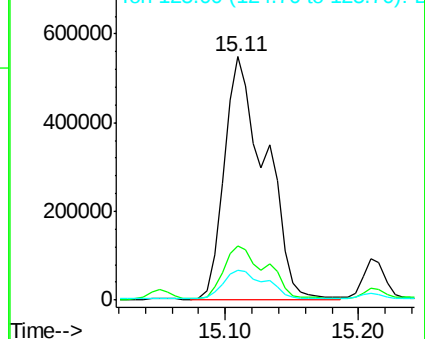
125 12.3 10.2 15.2

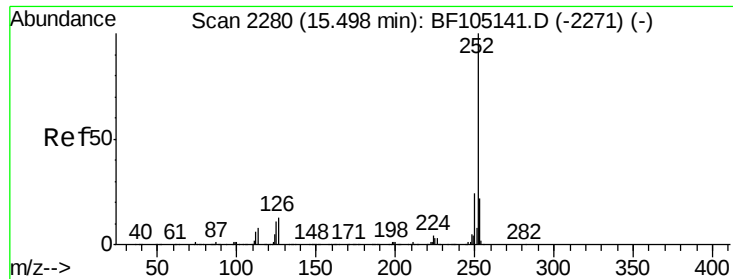


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

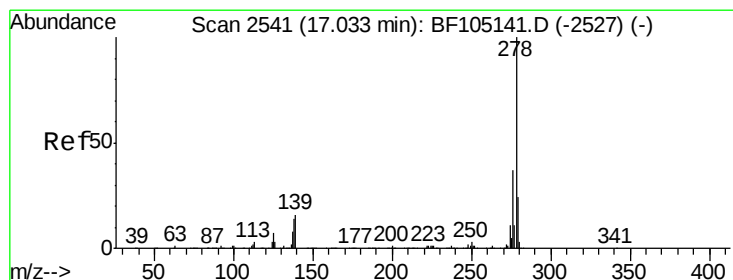
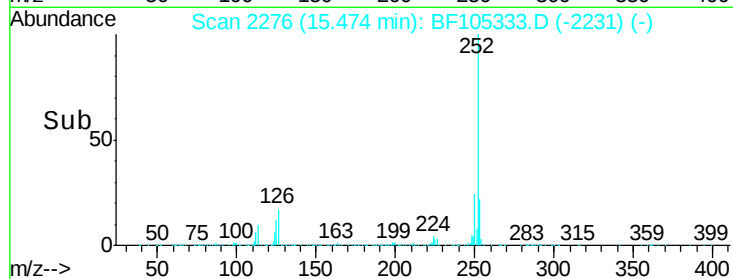
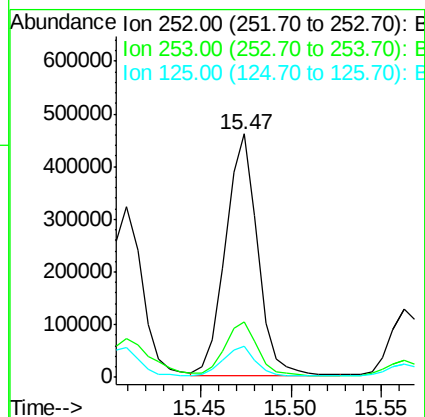
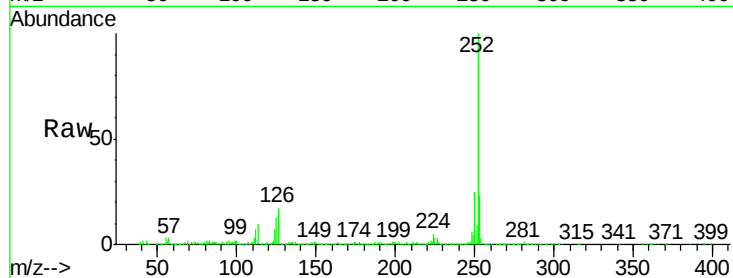




#89
Benzo(a)pyrene
Concen: 25.10 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

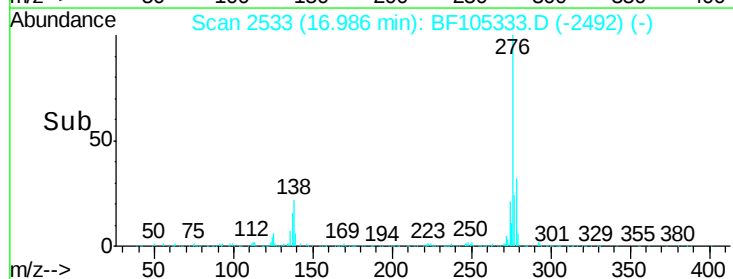
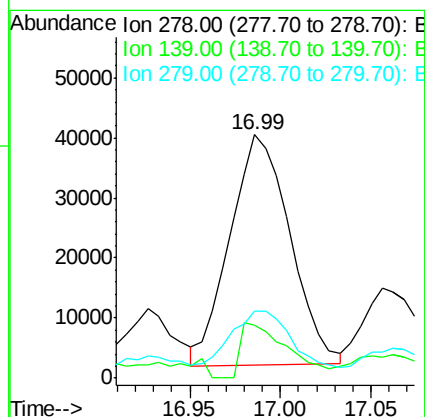
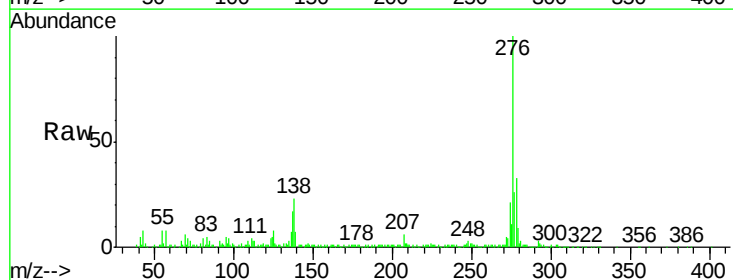
Instrument :
BNA_F
ClientSampleId :

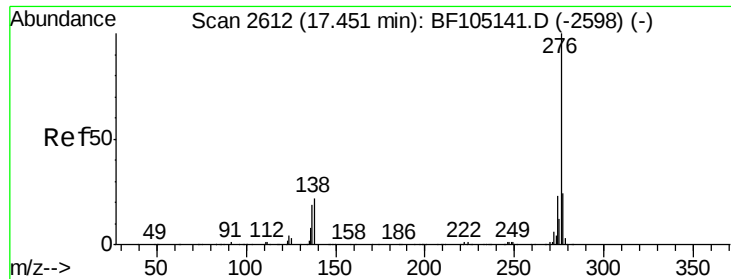
Tot Ion:252 Resp: 568616
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 12.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.18 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.06 min
Lab File: BF105333.D
Acq: 12 May 2018 13:26

Tgt Ion:278 Resp: 88708
Ion Ratio Lower Upper
278 100
139 21.8 15.9 23.9
279 27.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 13.75 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.05 min
 Lab File: BF105333.D
 Acq: 12 May 2018 13:26

Instrument :
 BNA_F
 ClientSampleId :

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

