

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105151.D
 Acq On : 8 May 2018 18:33
 Operator : JU/SJ
 Sample : J2683-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-D-M

Quant Time: May 08 19:19:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	240048	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	952236	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	470872	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	922820	20.00	ng	0.00
75) Chrysene-d12	14.00	240	816889	20.00	ng	-0.02
86) Perylene-d12	15.54	264	687241	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	651246	44.69	ng	0.00
7) Phenol-d6	6.41	99	502388	28.96	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1534658	109.23	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	536040	103.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2678039	88.27	ng	0.00
78) Terphenyl-d14	12.92	244	3000375	85.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	275	0.036	ng	# 20
4) n-Nitrosodimethylamine	3.05	42	124	0.012	ng	# 44
6) Aniline	6.42	93	1381	0.055	ng	# 1
8) 2-Chlorophenol	6.57	128	501	0.032	ng	# 1
9) Benzaldehyde	6.41	77	1299	0.098	ng	# 1
10) Phenol	6.42	94	55606	2.880	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	1470	0.092	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	629	0.034	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	629	0.034	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	629	0.037	ng	# 1
15) Benzyl Alcohol	6.95	79	24843	1.871	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	7.21	45	129	0.004	ng	70
17) 2-Methylphenol	6.95	107	125	0.009	ng	# 1
20) 3+4-Methylphenols	7.19	107	113	0.007	ng	# 9
22) Acetophenone	7.19	105	673	0.030	ng	# 1
24) Nitrobenzene	7.36	77	4916	0.309	ng	# 33
27) 2,4-Dimethylphenol	7.74	122	114	0.008	ng	# 4
28) bis(2-Chloroethoxy)methane	8.08	93	381	0.020	ng	# 49
31) Naphthalene	8.09	128	1117	0.024	ng	# 67
36) 4-Chloro-3-methylphenol	8.35	107	249	0.018	ng	# 20
37) 2-Methylnaphthalene	8.78	142	379	0.012	ng	# 63
45) 1,1'-Biphenyl	9.25	154	9795	0.255	ng	97
46) 2-Chloronaphthalene	9.55	162	499	0.017	ng	# 1
49) Dimethylphthalate	9.54	163	131569	4.127	ng	98
51) Acenaphthene	9.83	154	1683	0.059	ng	# 4
52) 3-Nitroaniline	9.93	138	788	0.108	ng	# 33
54) Dibenzofuran	10.03	168	498	0.012	ng	# 72
57) Fluorene	10.62	166	20592	0.673	ng	# 83
59) Diethylphthalate	10.25	149	5473	0.175	ng	# 91
61) 4-Nitroaniline	10.51	138	249	0.034	ng	# 19
62) Azobenzene	10.54	77	1158	0.035	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	14253	0.495	ng	# 44
70) Phenanthrene	11.33	178	2421	0.050	ng	94
71) Anthracene	11.39	178	256	0.005	ng	# 60

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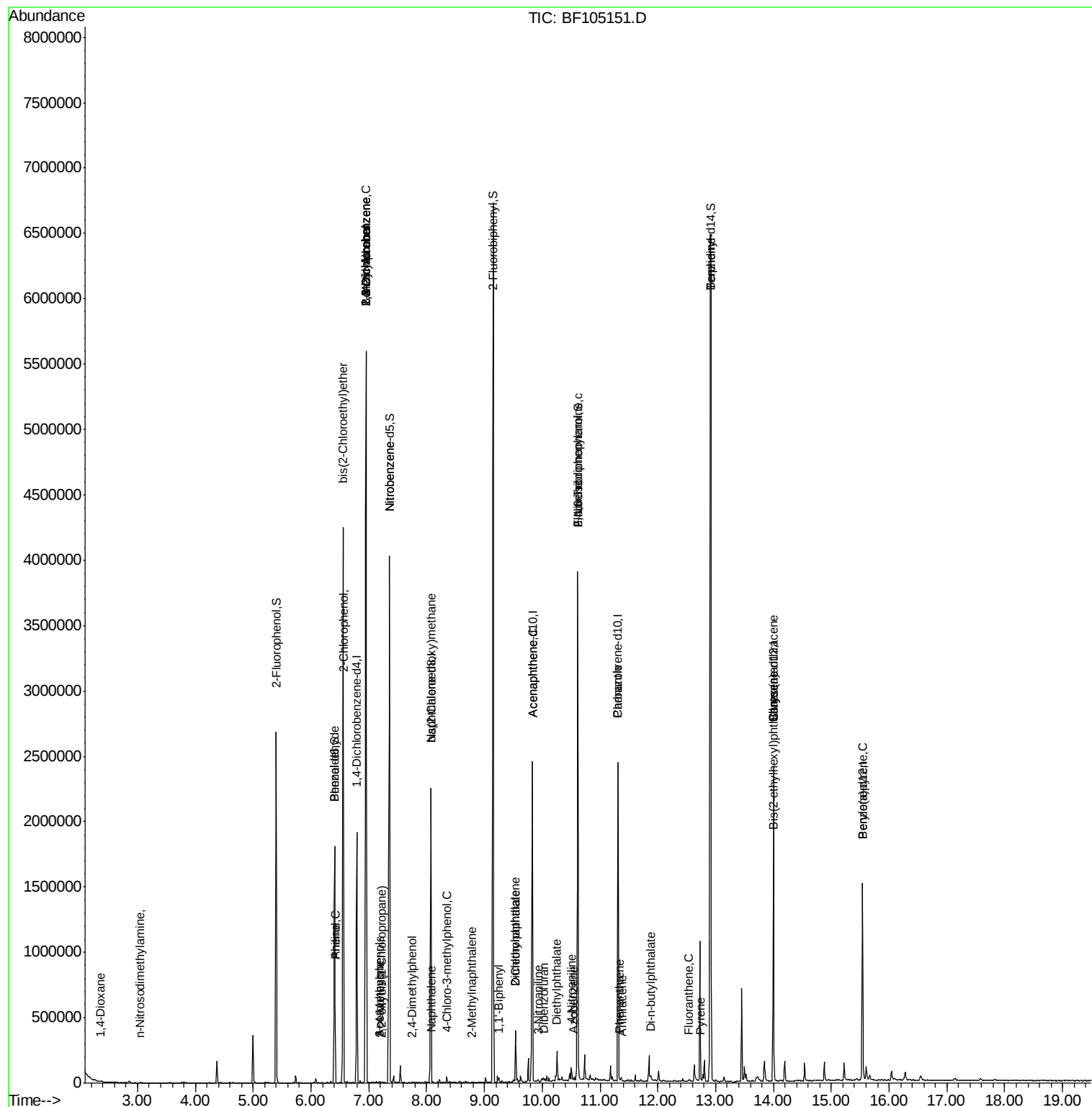
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	11.32	167	118	0.003	nq #	1
73) Di-n-butylphthalate	11.87	149	9866	0.207	nq #	98
74) Fluoranthene	12.52	202	775	0.015	nq	62
76) Benzidine	12.91	184	36979	1.212	nq #	96
77) Pyrene	12.75	202	675	0.011	nq #	57
80) Benzo(a)anthracene	14.00	228	2604	0.053	nq #	56
82) Chrysene	14.00	228	2604	0.051	nq #	54
83) Bis(2-ethylhexyl)phthalate	13.99	149	1596	0.065	nq #	89
89) Benzo(a)pyrene	15.54	252	2320	0.061	nq #	84

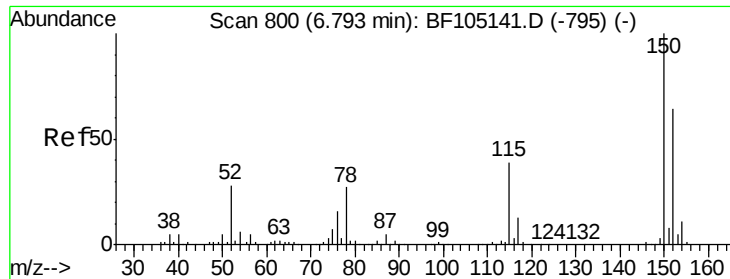
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

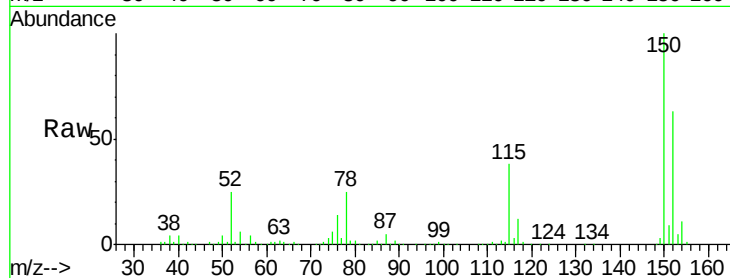
Tot Ion:152 Resp: 240048

Ion Ratio Lower Upper

152 100

150 159.8 124.6 186.8

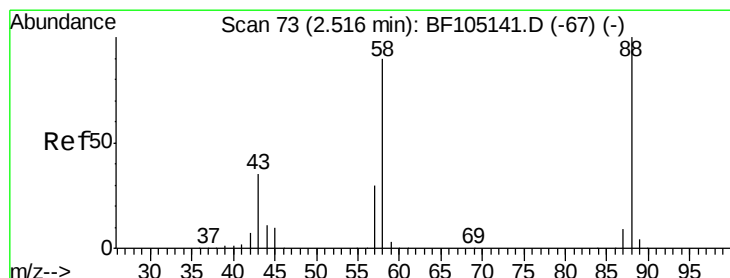
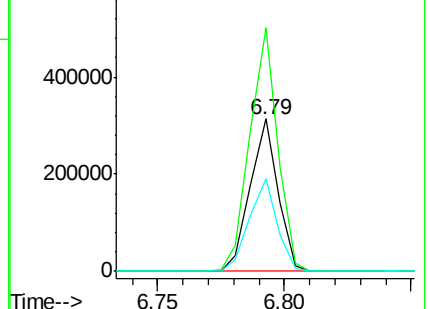
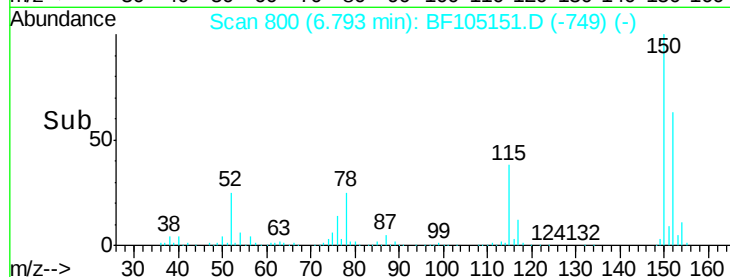
115 61.0 50.1 75.1



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: 0.036 ng

RT: 2.35 min Scan# 45

Delta R.T. -0.16 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

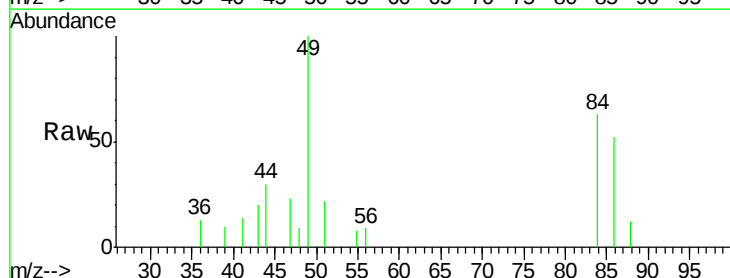
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

58 0.0 62.6 93.8#

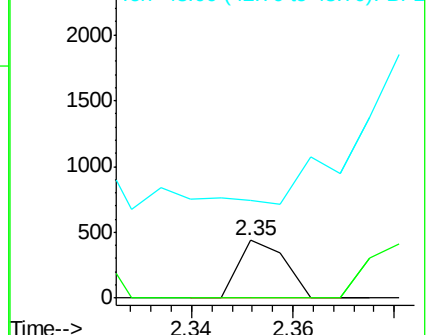
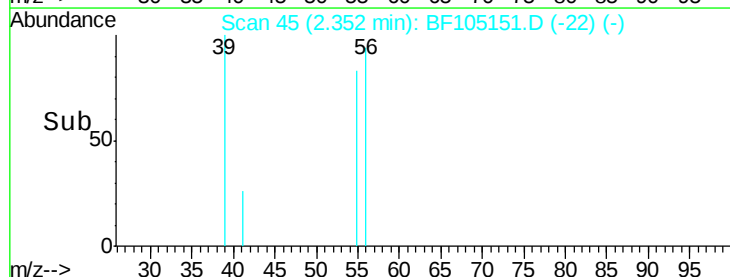
43 0.0 24.6 37.0#

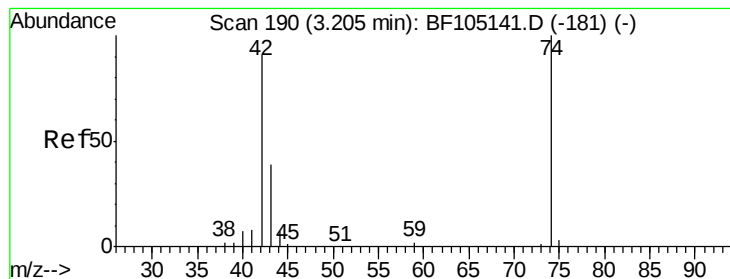


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



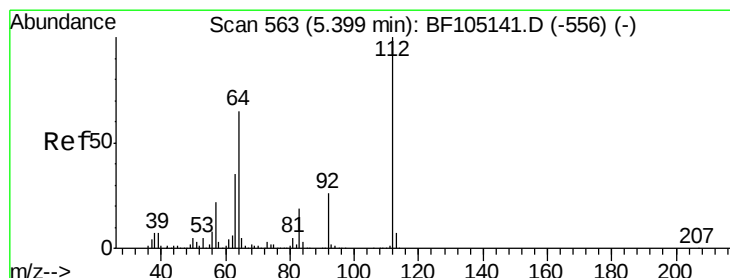
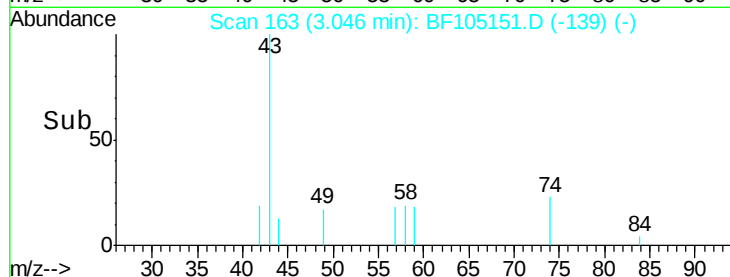
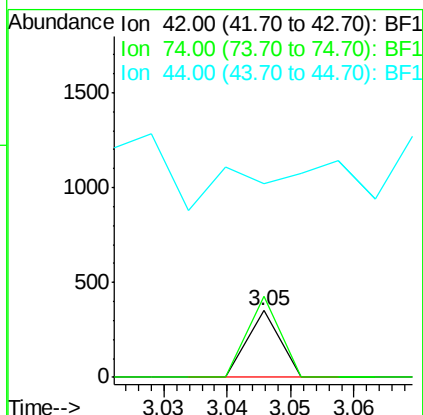
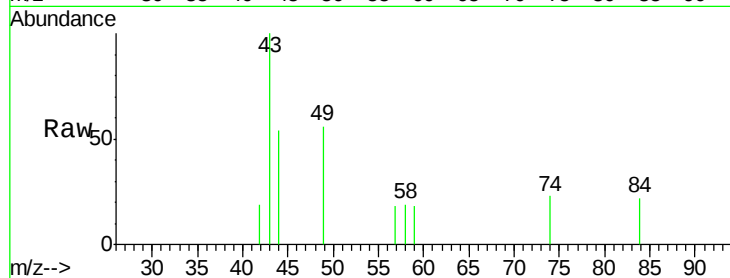


#4

n-Nitrosodimethylamine
 Concen: 0.012 ng
 RT: 3.05 min Scan# 163
 Delta R.T. -0.16 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

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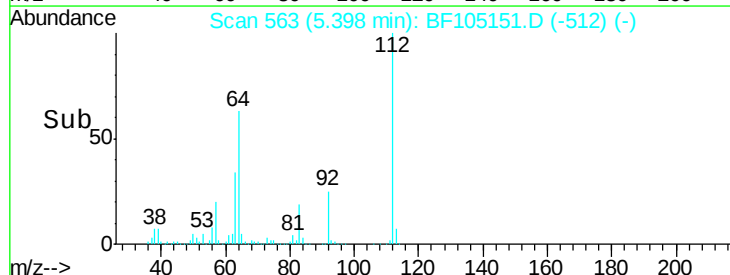
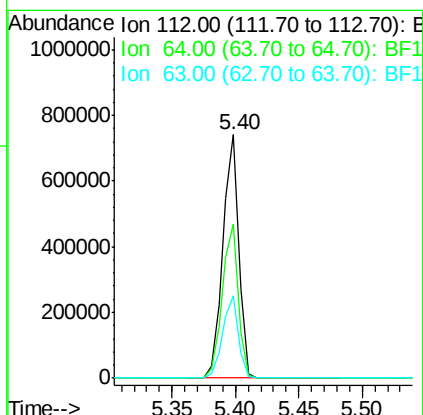
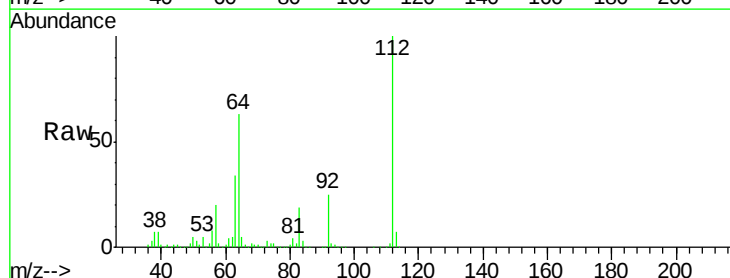
Tot Ion	Ratio	Lower	Upper
42	100		
74	121.6	104.9	157.3
44	289.2	6.9	10.3#

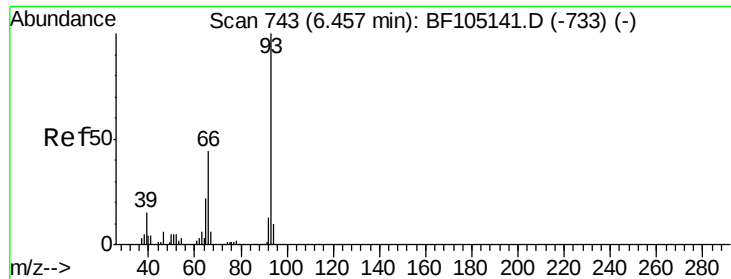


#5

2-Fluorophenol
 Concen: 44.695 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	33.6	23.7	35.5





#6

Aniline

Concen: 0.055 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.04 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

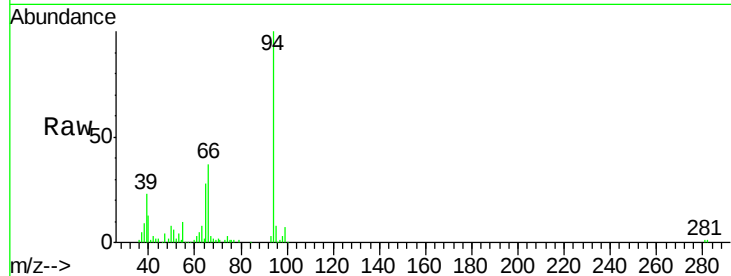
Tot Ion: 93 Resp: 1381

Ion Ratio Lower Upper

93 100

66 1422.0 32.2 48.2#

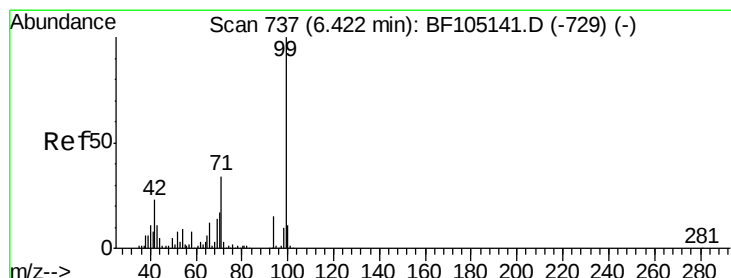
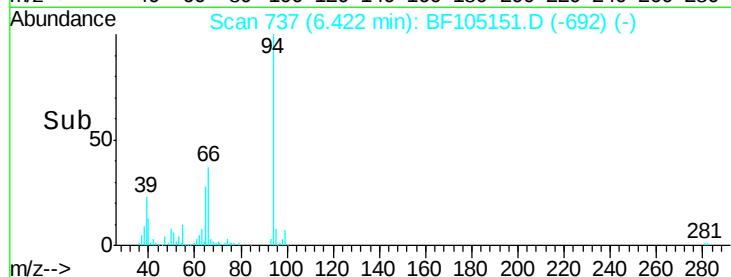
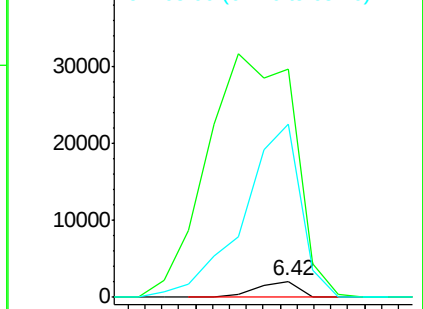
65 1080.2 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 28.956 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

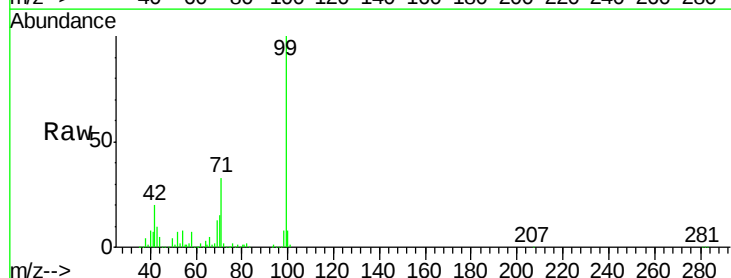
Tgt Ion: 99 Resp: 502388

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

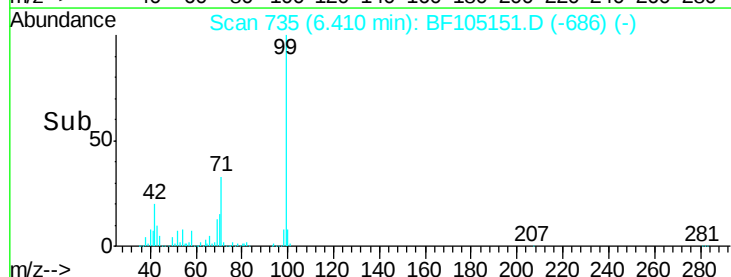
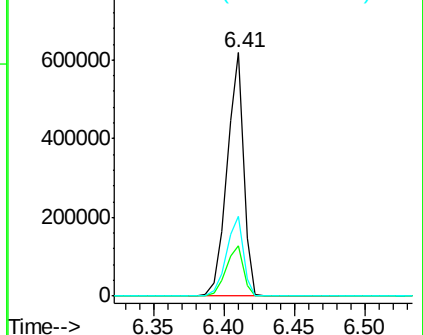
71 32.9 25.4 38.0

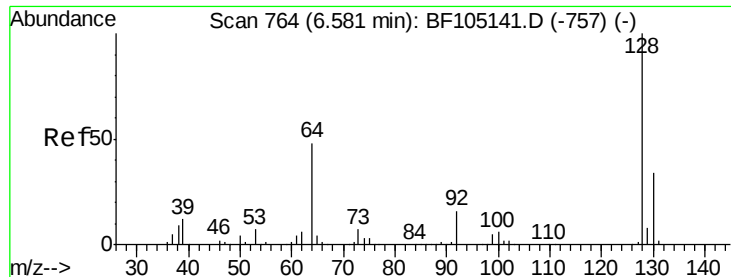


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.032 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

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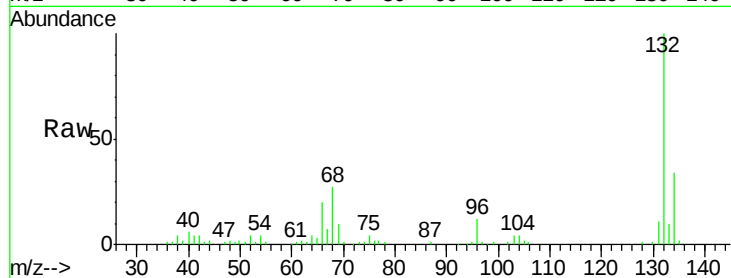
Tot Ion:128 Resp: 501

Ion Ratio Lower Upper

128 100

130 139.7 13.0 53.0#

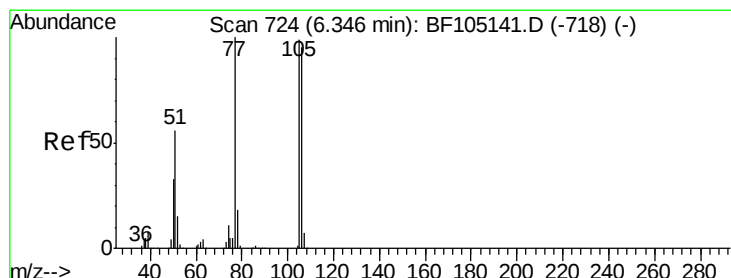
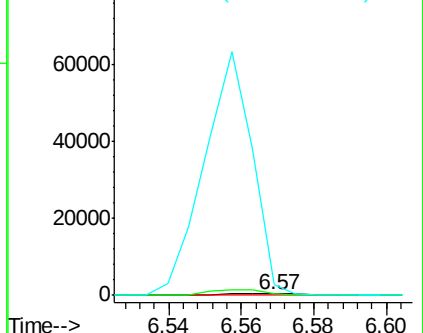
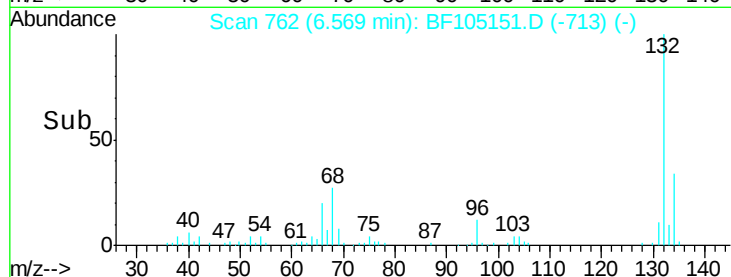
64 704.3 29.4 69.4#



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: 0.098 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.06 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

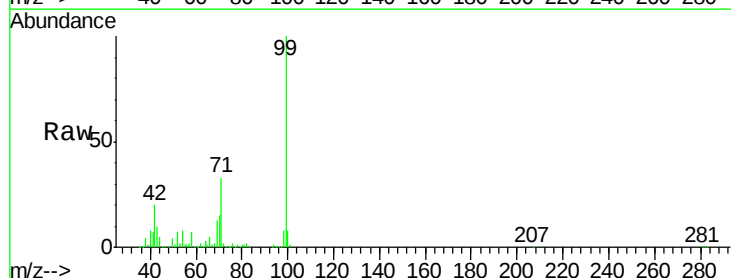
Tgt Ion: 77 Resp: 1299

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

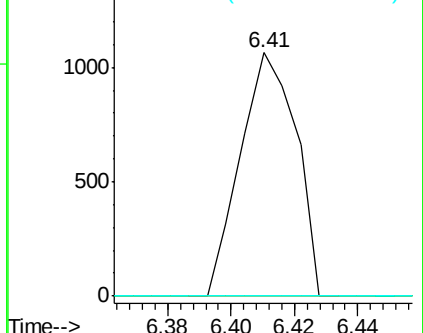
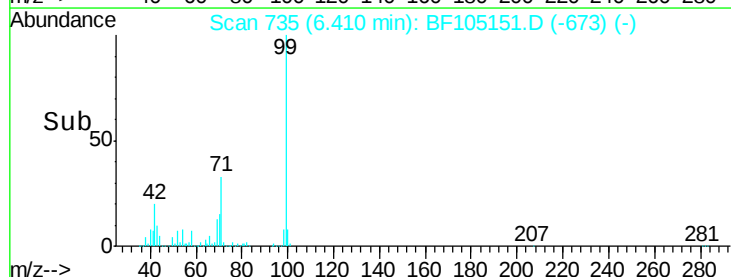
106 0.0 74.5 114.5#

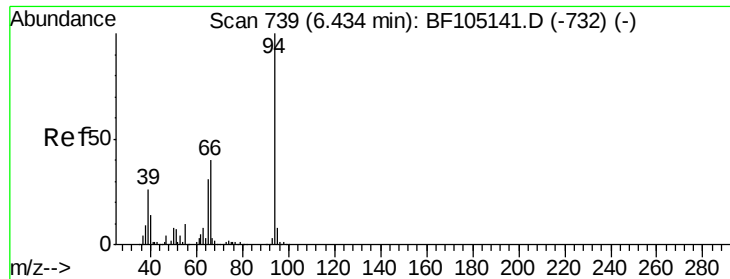


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.880 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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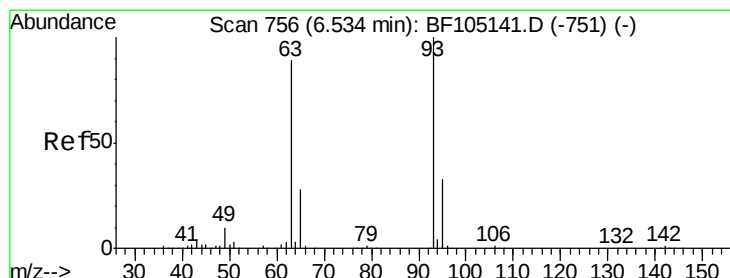
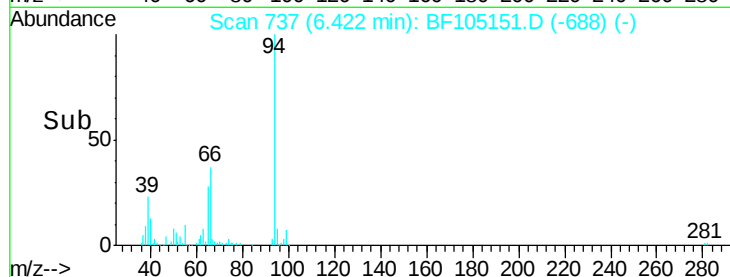
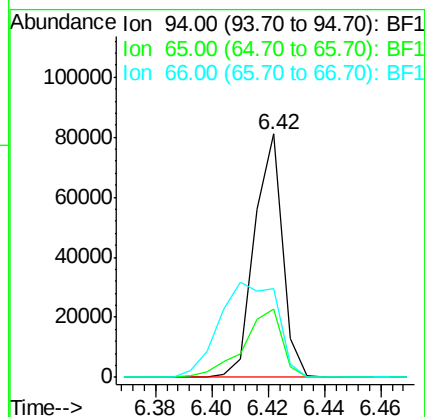
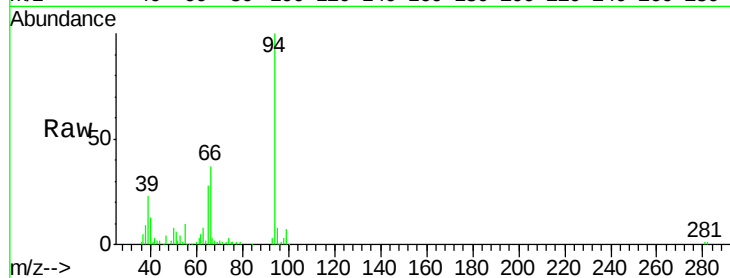
Tot Ion: 94 Resp: 55606

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.6 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

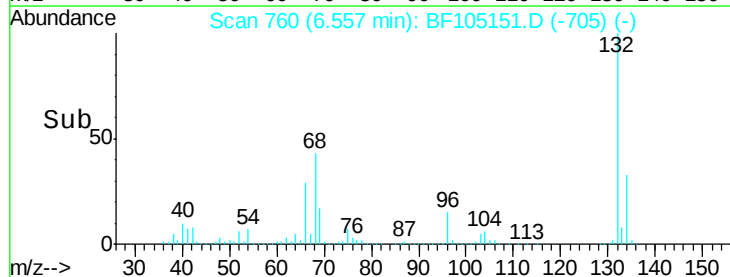
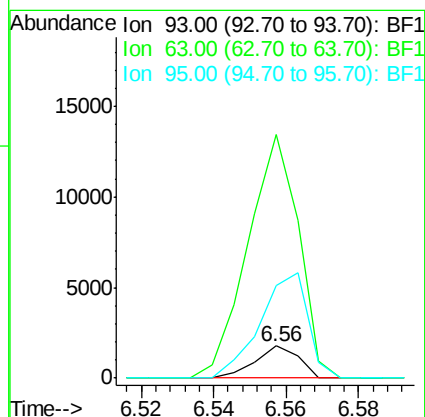
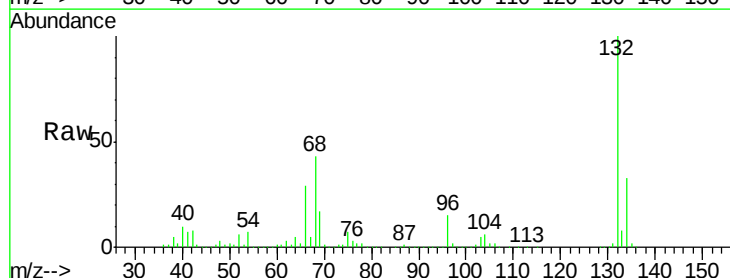
Tgt Ion: 93 Resp: 1470

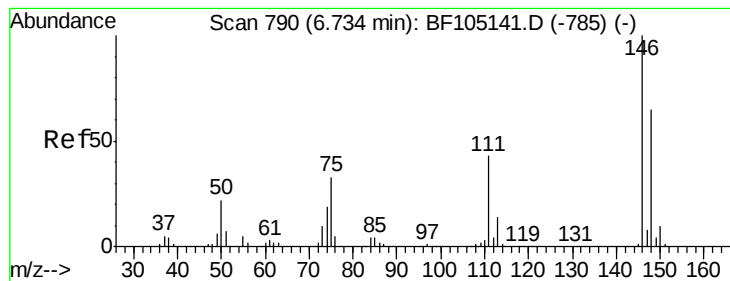
Ion Ratio Lower Upper

93 100

63 755.3 58.6 98.6#

95 287.2 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 0.034 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.22 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

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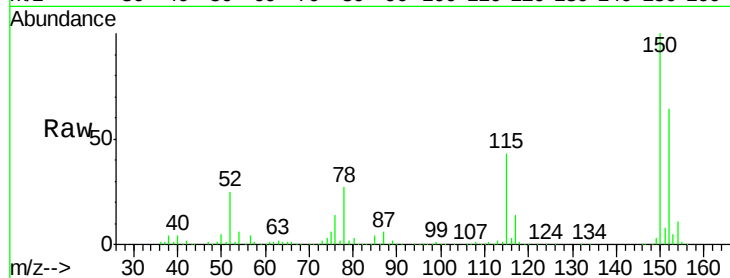
Tot Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 521.9 51.8 77.8#

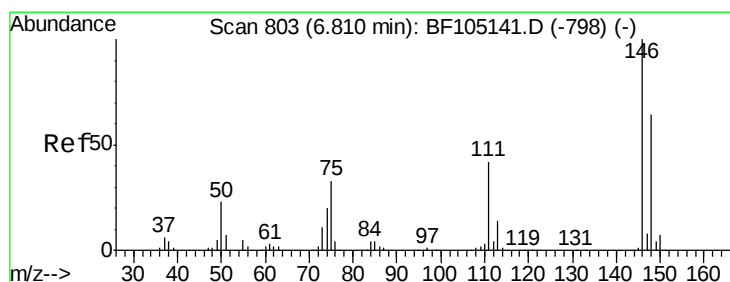
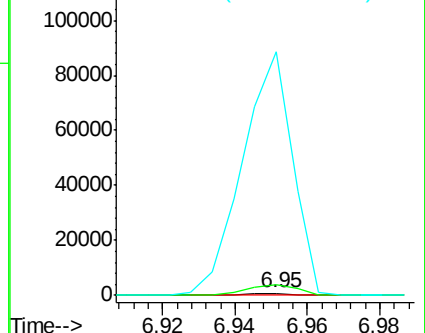
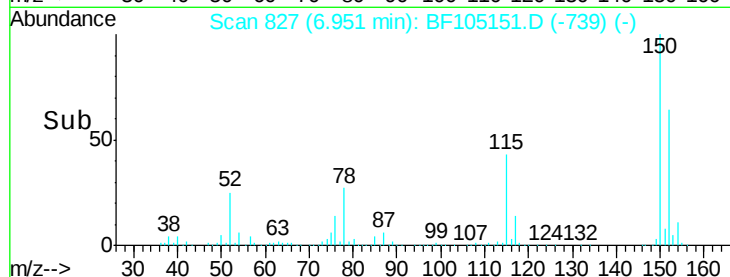
75 12420.8 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 0.034 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

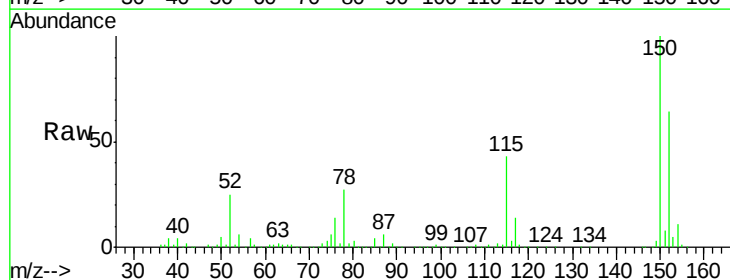
Tgt Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 521.9 50.8 76.2#

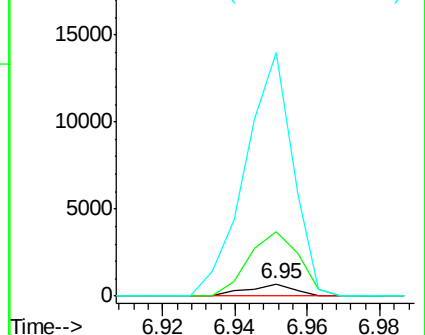
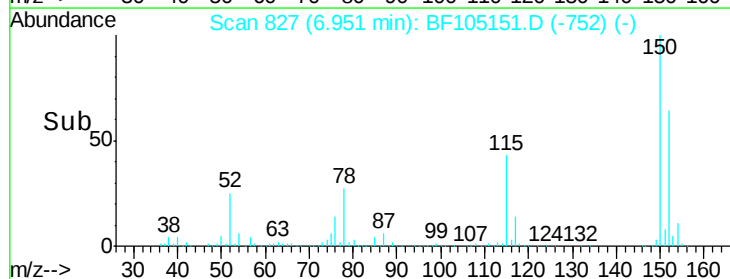
111 1960.6 34.2 51.2#

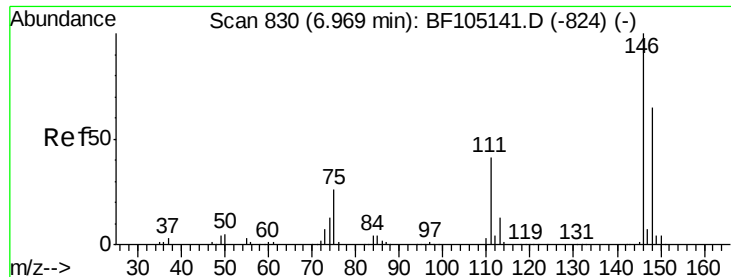


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.037 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

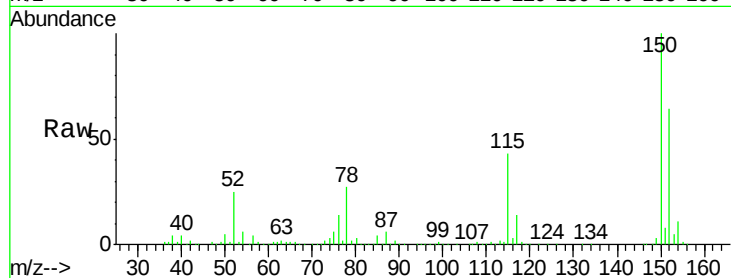
Tot Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 521.9 50.6 75.8#

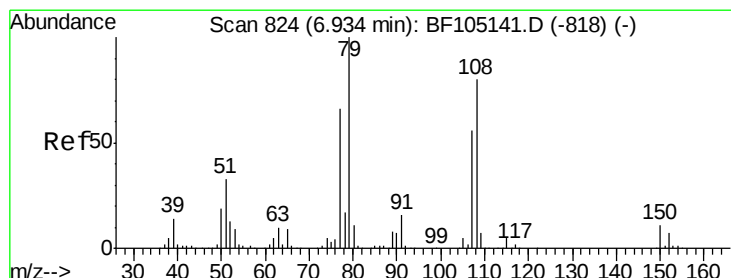
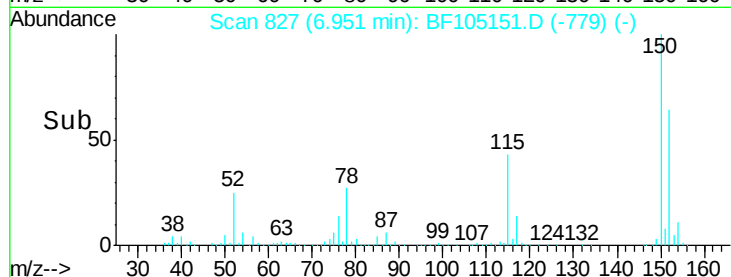
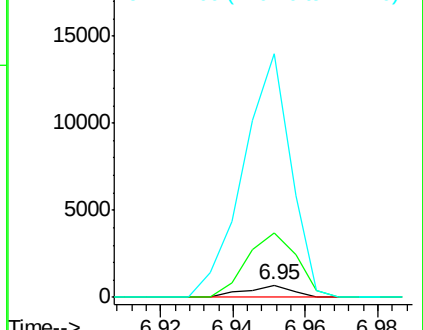
111 1960.6 36.0 54.0#



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: 1.871 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

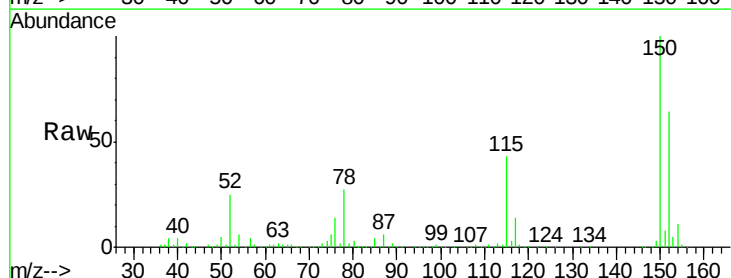
Tgt Ion: 79 Resp: 24843

Ion Ratio Lower Upper

79 100

108 30.1 65.1 97.7#

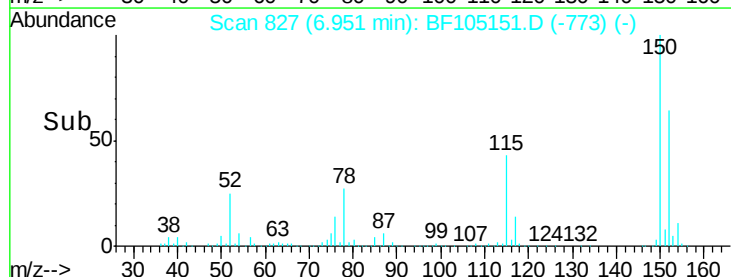
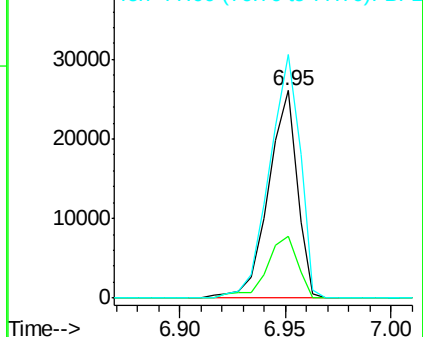
77 117.3 50.6 75.8#

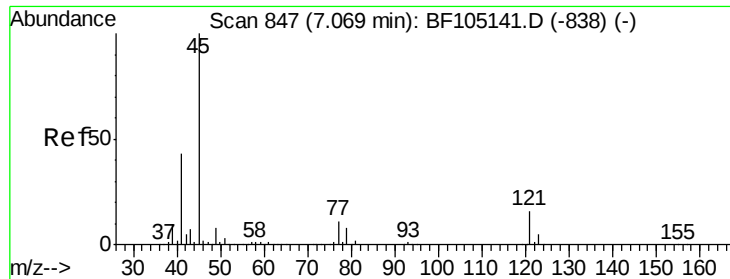


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

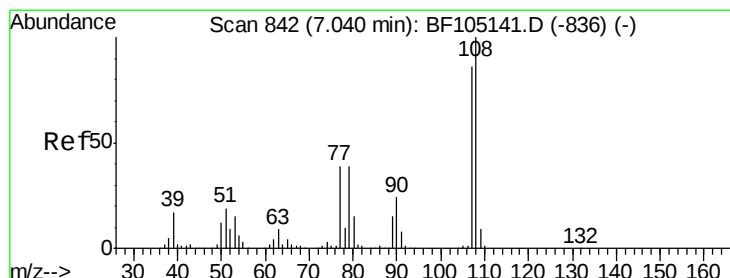
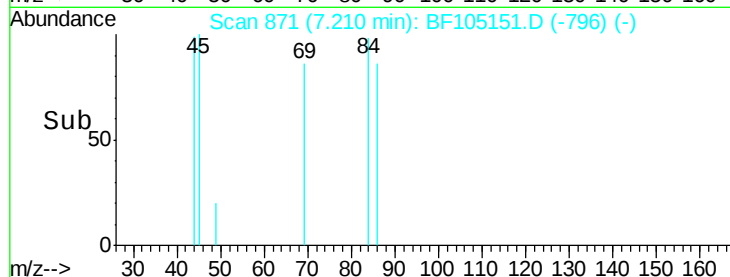
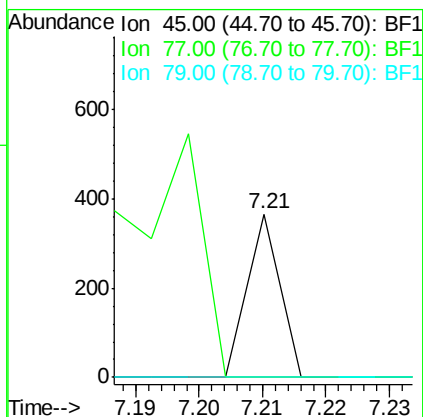
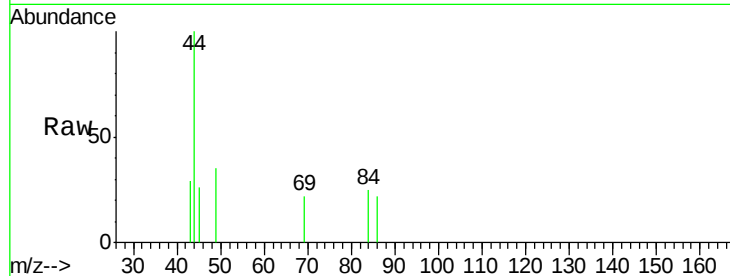




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.14 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

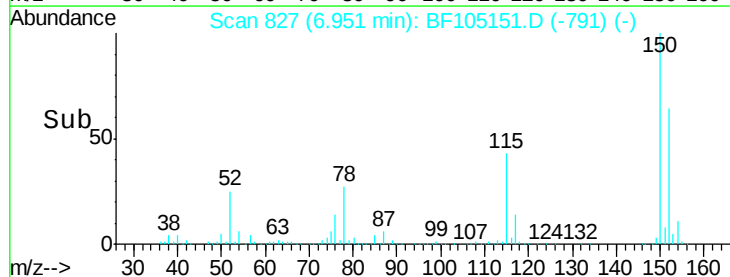
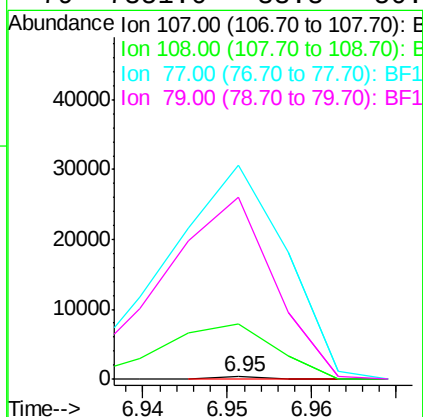
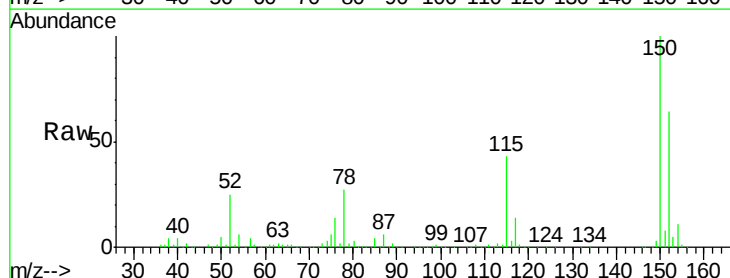
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

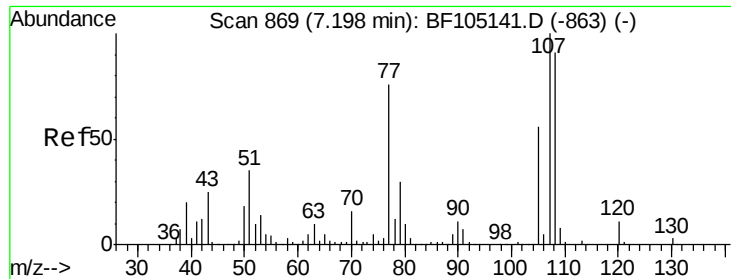
Tot Ion: 45 Resp: 129
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 107 Resp: 125
Ion Ratio Lower Upper
107 100
108 2211.0 91.7 137.5#
77 8622.0 33.8 50.8#
79 7351.0 33.8 50.8#

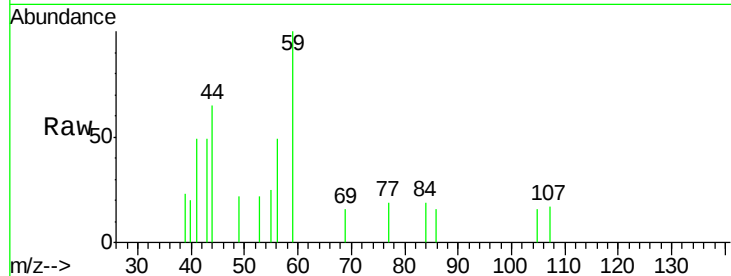




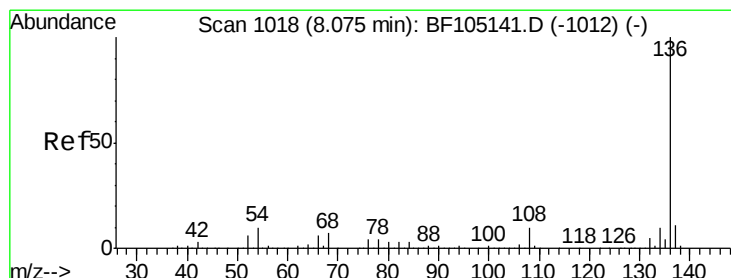
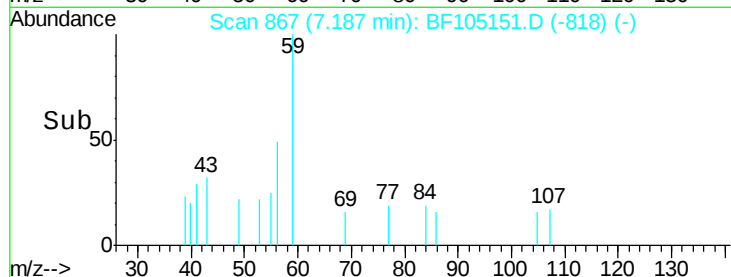
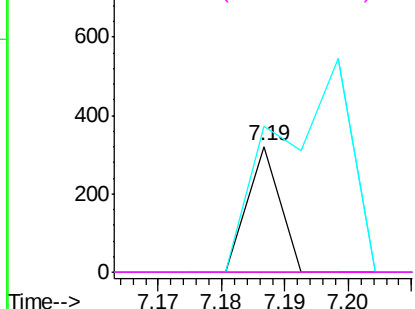
#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tot Ion:107 Resp: 113
Ion Ratio Lower Upper
107 100
108 0.0 68.2 108.2#
77 116.5 26.7 66.7#
79 0.0 6.3 46.3#

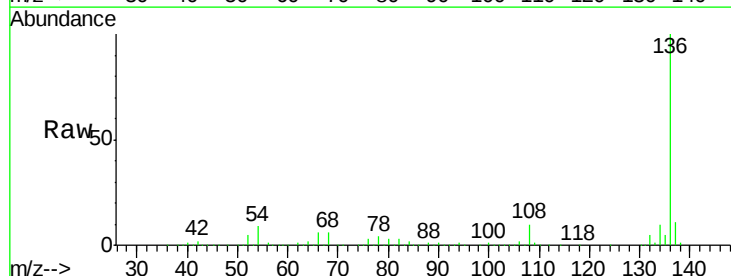


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

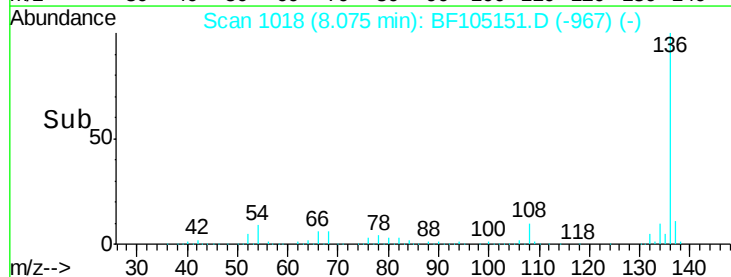
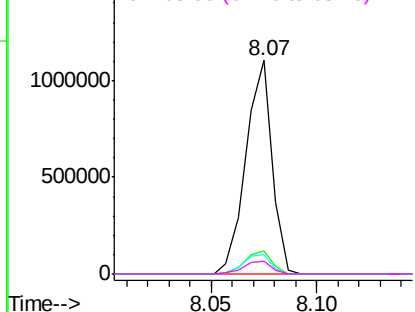


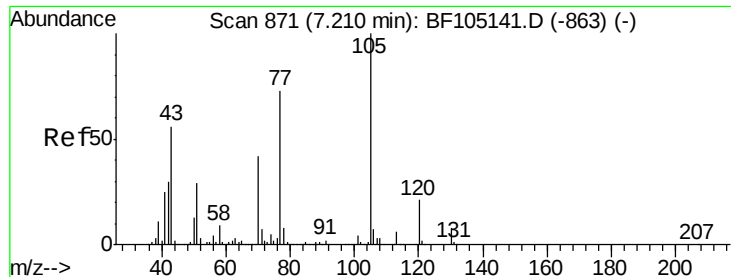
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:136 Resp: 952236
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 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: 0.030 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

Tot Ion: 105 Resp: 673

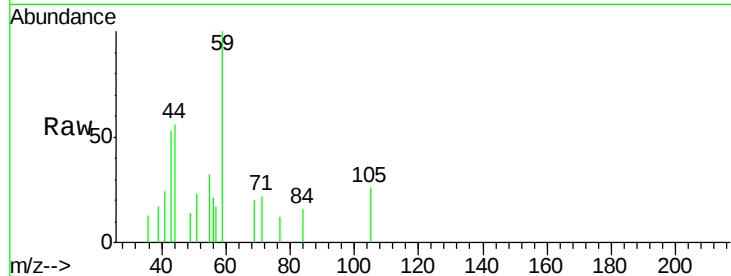
Ion Ratio Lower Upper

105 100

71 86.6 4.4 6.6#

51 89.6 22.3 33.5#

120 0.0 16.9 25.3#



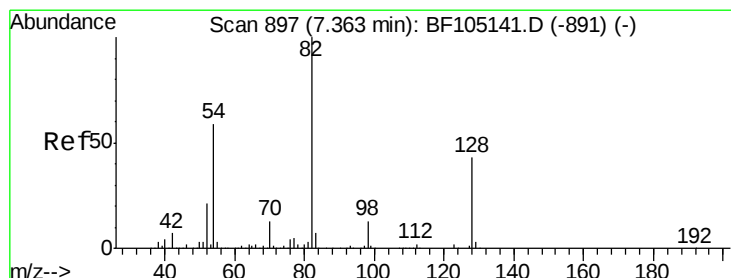
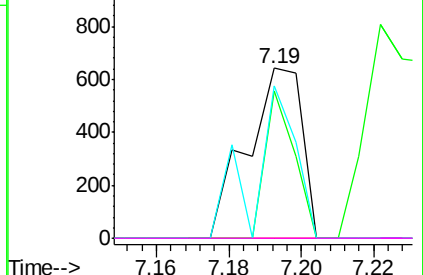
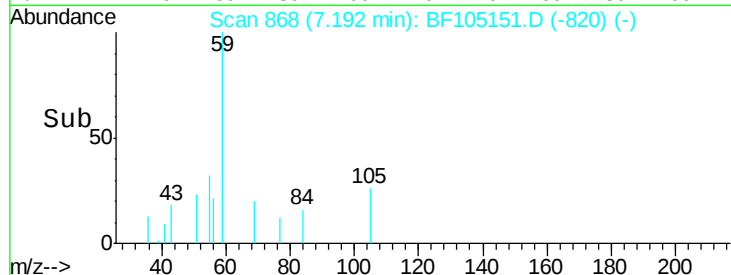
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 109.226 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

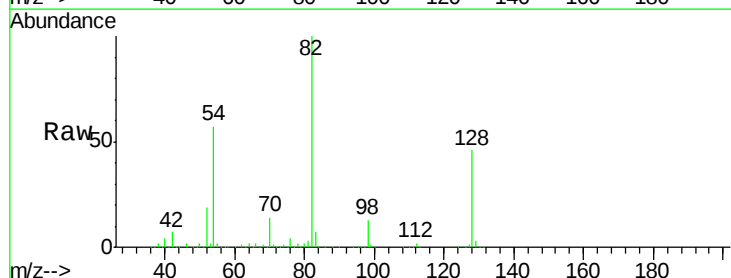
Tgt Ion: 82 Resp: 1534658

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

54 57.3 41.4 62.2

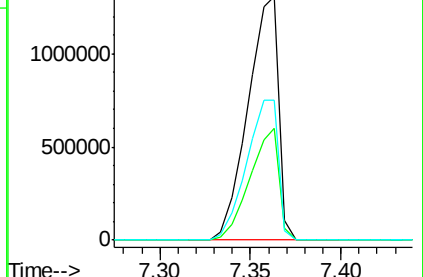
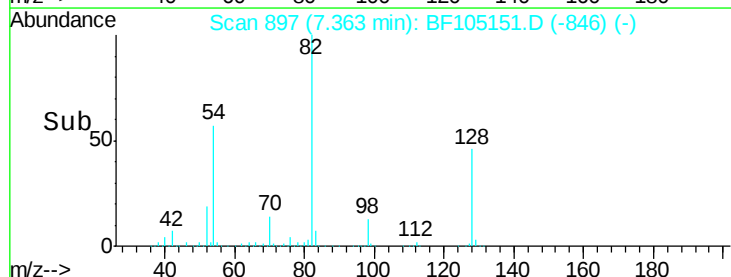


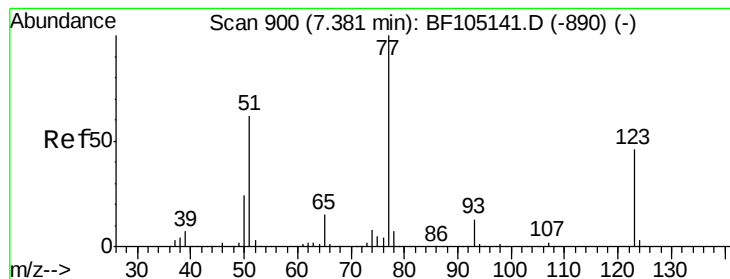
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->





#24

Nitrobenzene

Concen: 0.309 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

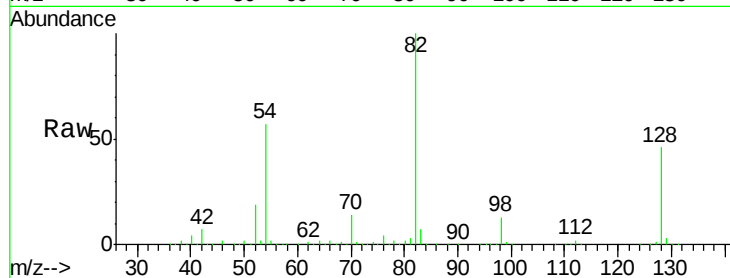
Tot Ion: 77 Resp: 4916

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

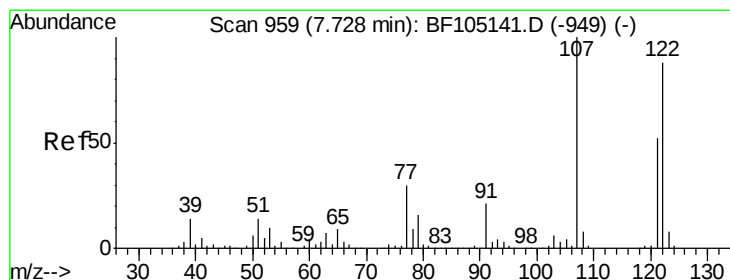
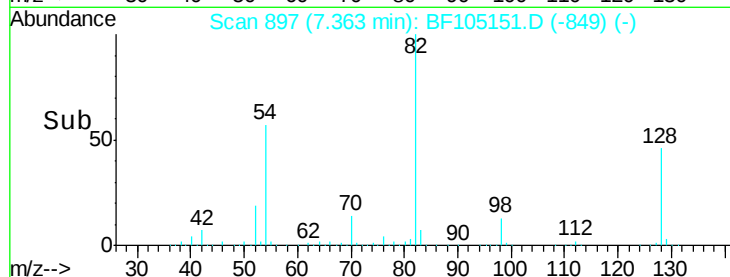
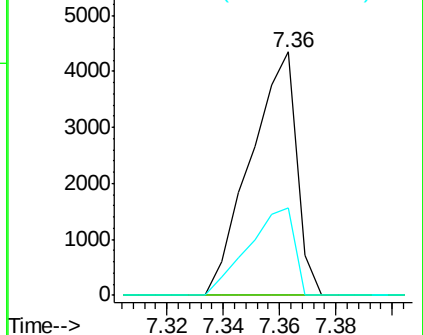
65 36.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.008 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

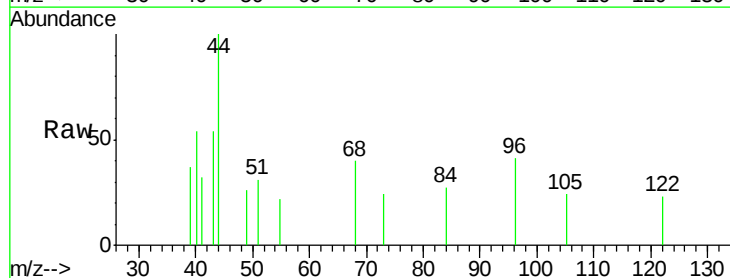
Tgt Ion: 122 Resp: 114

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

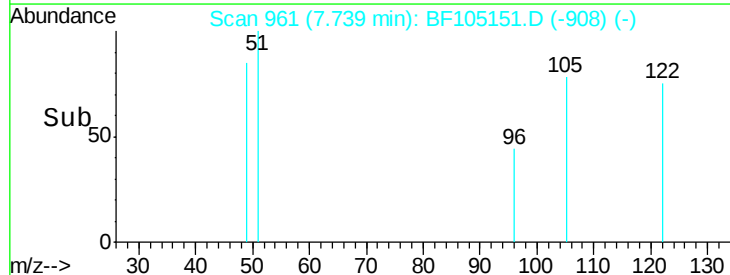
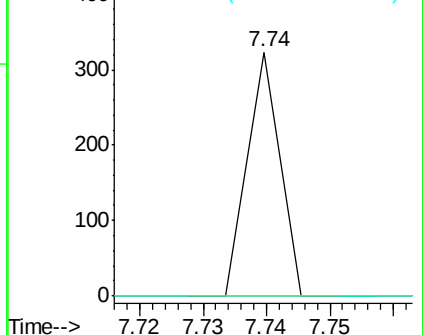
121 0.0 47.2 70.8#

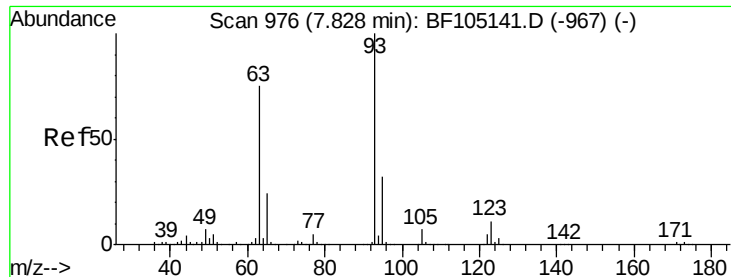


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

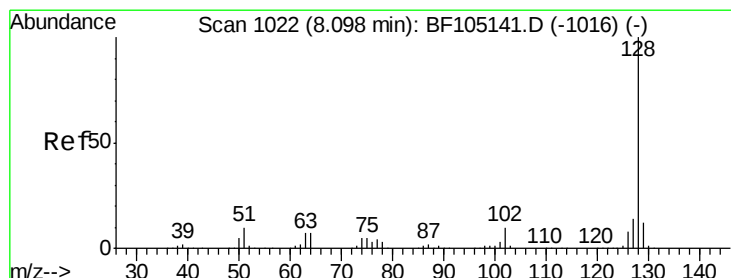
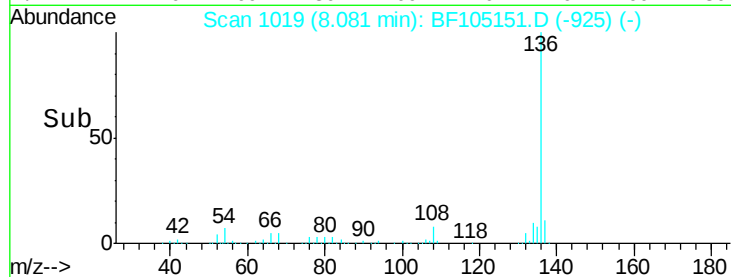
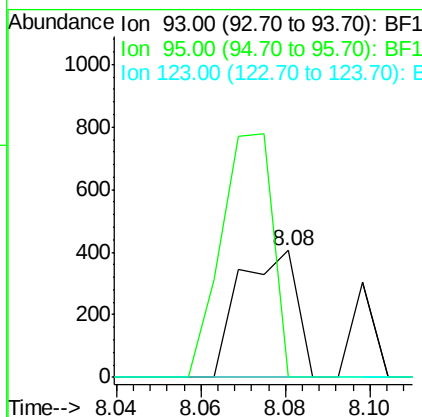
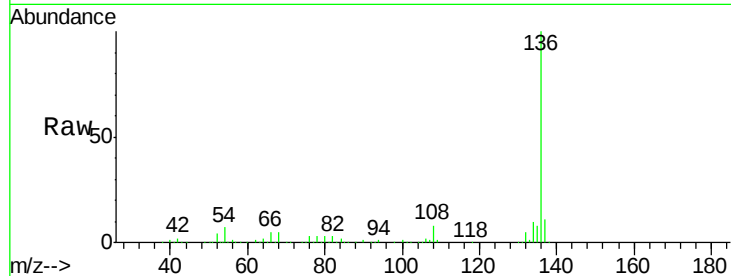




#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.25 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

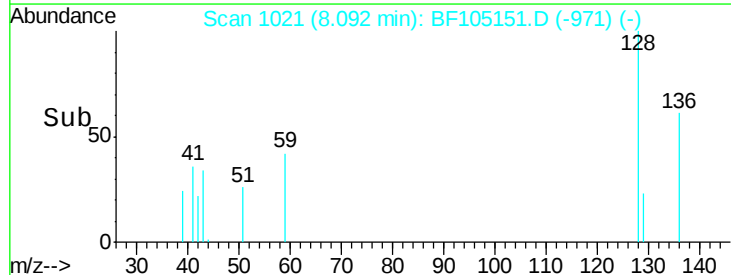
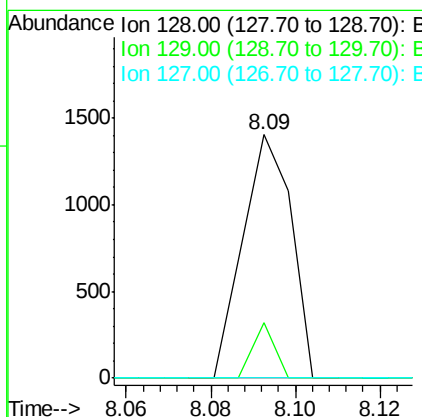
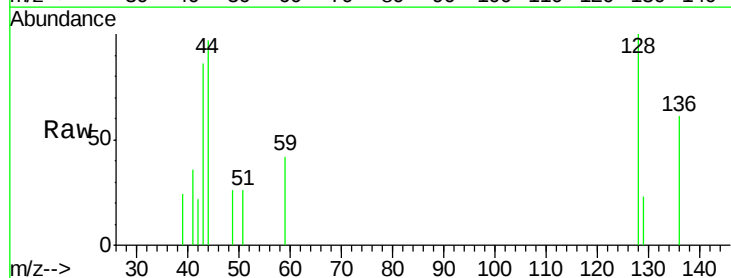
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

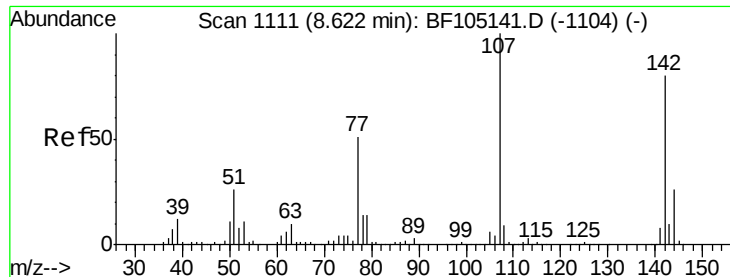
Tot Ion: 93 Resp: 381
Ion Ratio Lower Upper
93 100
95 0.0 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.024 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 128 Resp: 1117
Ion Ratio Lower Upper
128 100
129 22.9 8.8 13.2#
127 0.0 10.9 16.3#

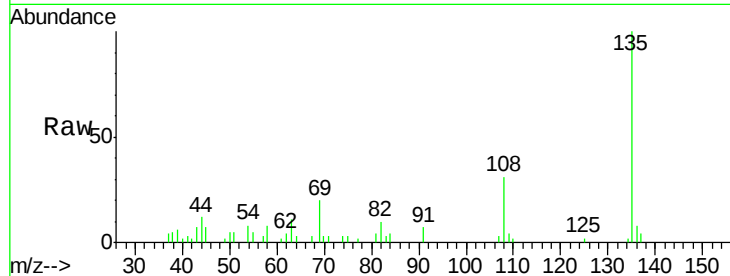




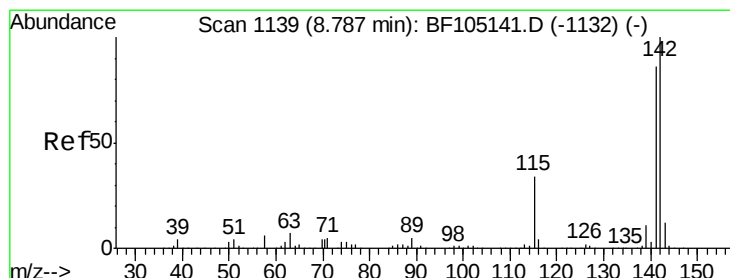
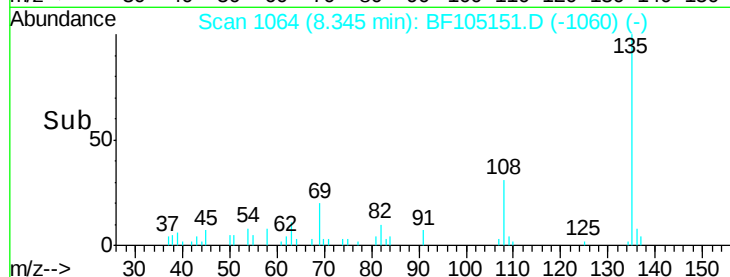
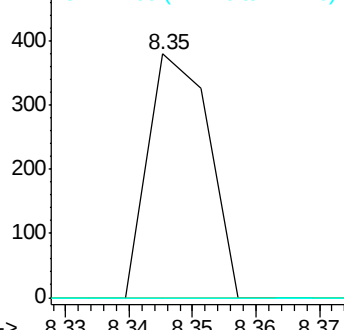
#36
 4-Chloro-3-methylphenol
 Concen: 0.018 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.28 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-D-M

Tot Ion:107 Resp: 249
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#

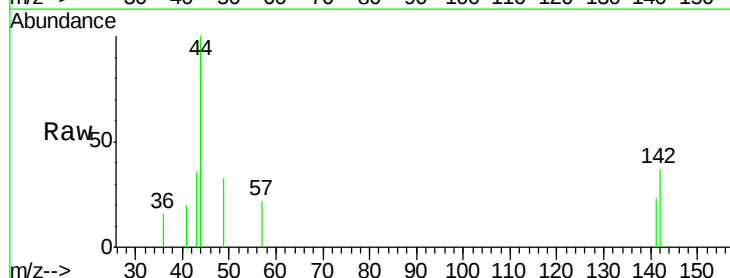


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

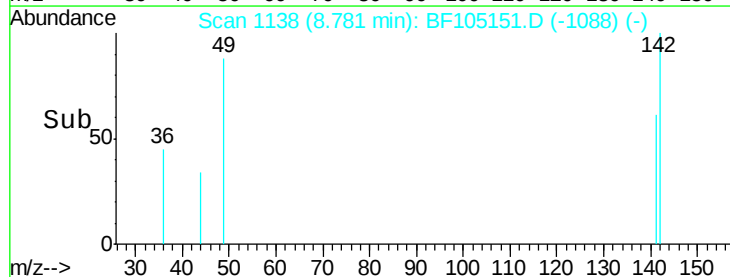
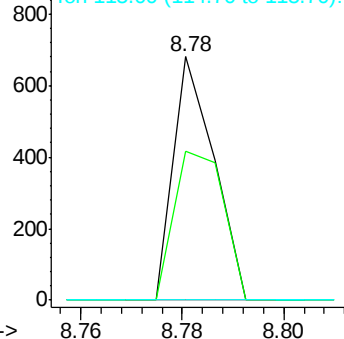


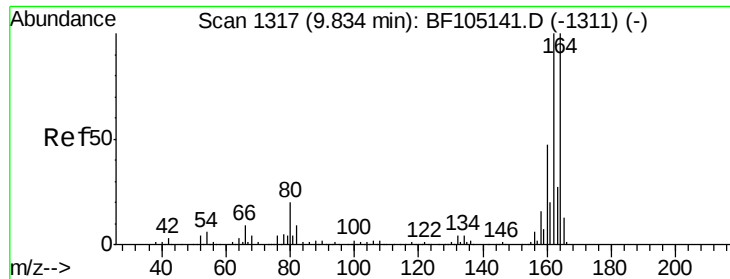
#37
 2-Methylnaphthalene
 Concen: 0.012 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

Tgt Ion:142 Resp: 379
 Ion Ratio Lower Upper
 142 100
 141 61.4 70.8 106.2#
 115 0.0 26.1 39.1#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

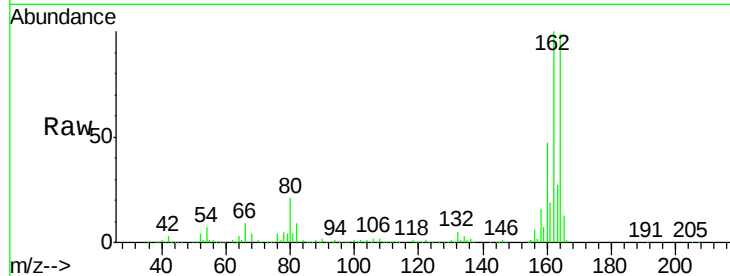
Tot Ion:164 Resp: 470872

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

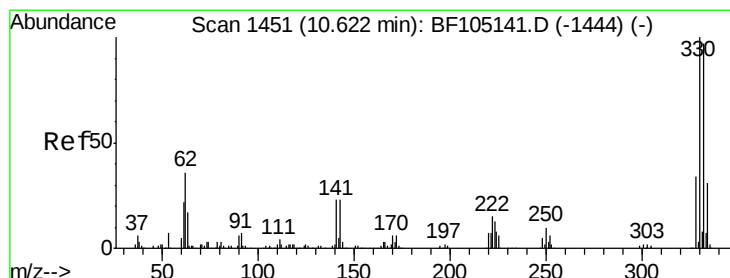
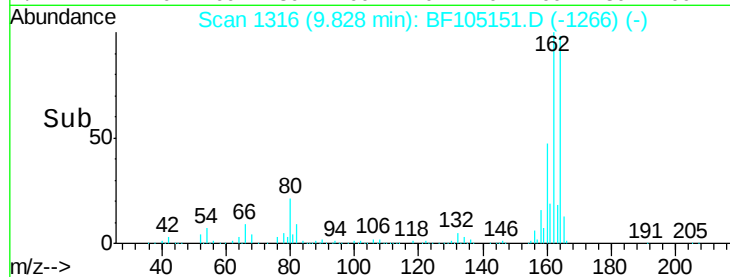
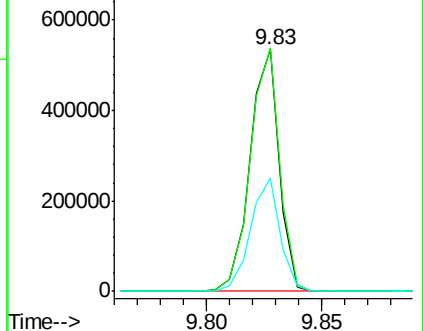
160 46.8 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 103.184 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

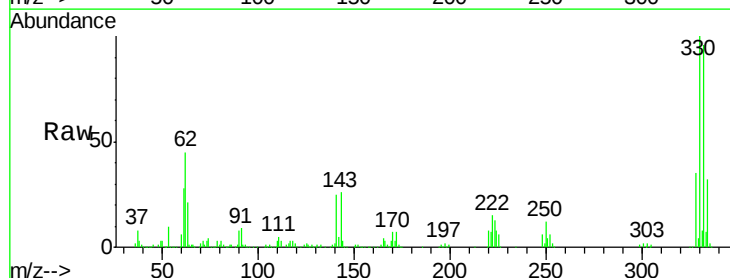
Tgt Ion:330 Resp: 536040

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

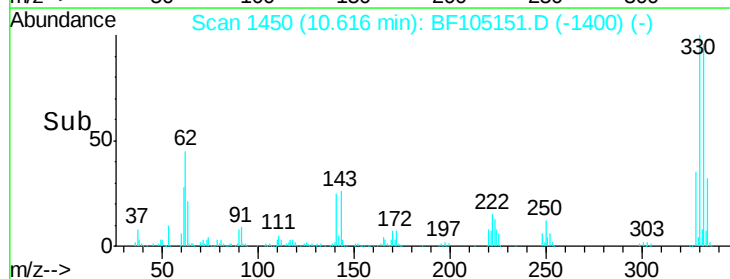
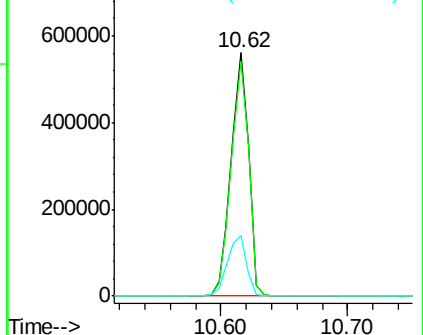
141 27.1 29.9 44.9#

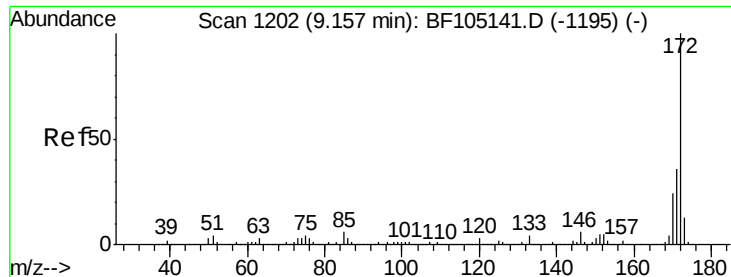


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

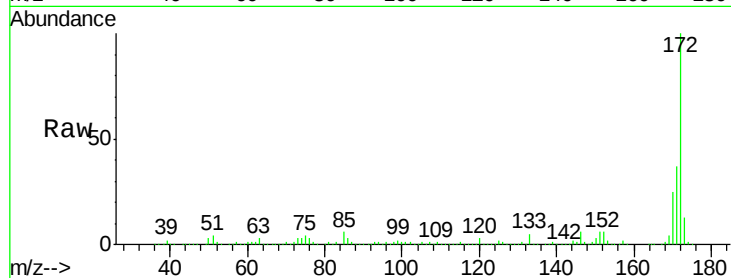




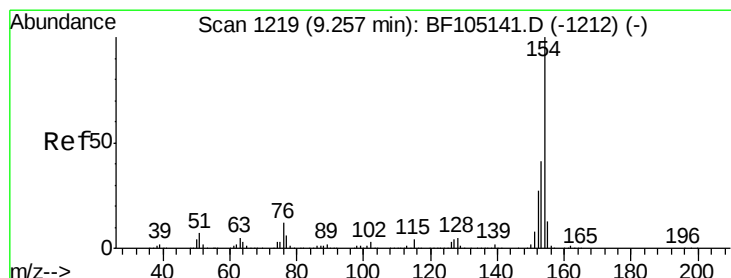
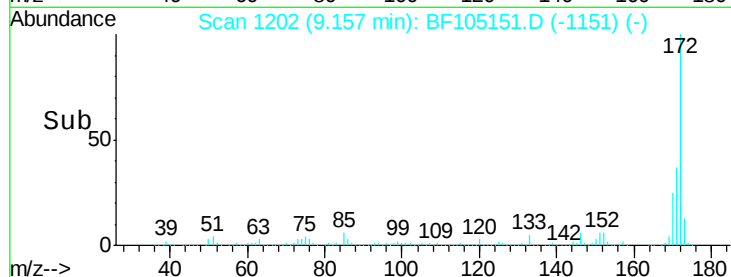
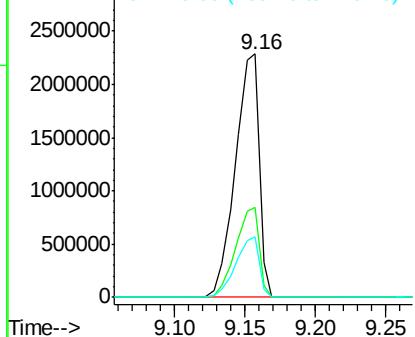
#44
2-Fluorobiphenyl
Concen: 88.274 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tot Ion:172 Resp: 2678039
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.6 29.4

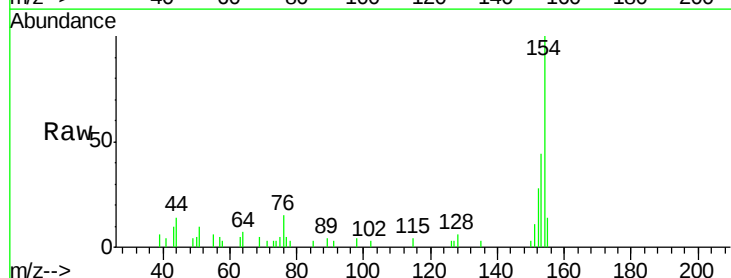


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

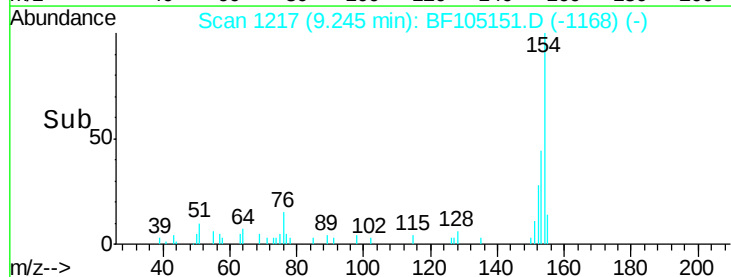
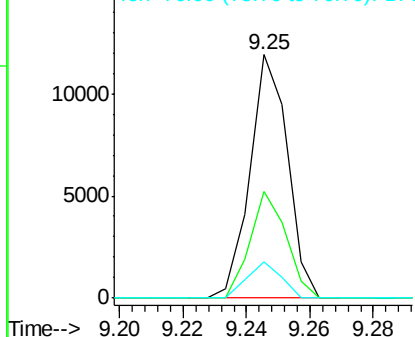


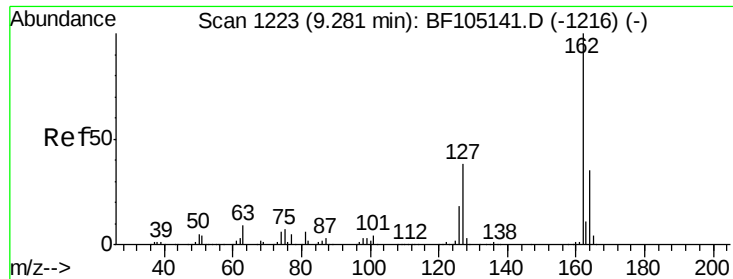
#45
1,1'-Biphenyl
Concen: 0.255 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:154 Resp: 9795
Ion Ratio Lower Upper
154 100
153 43.7 21.3 61.3
76 15.0 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

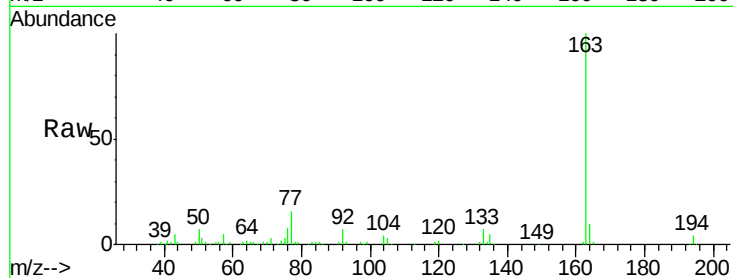




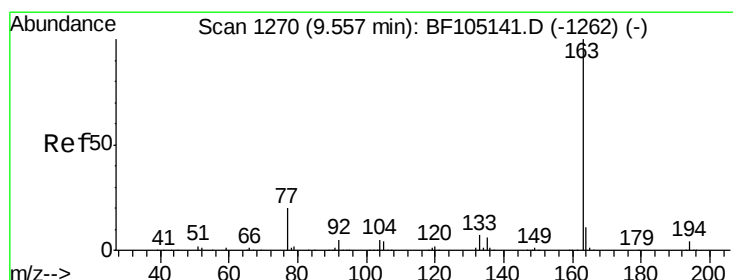
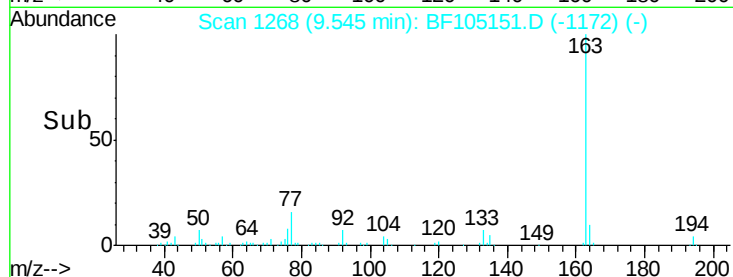
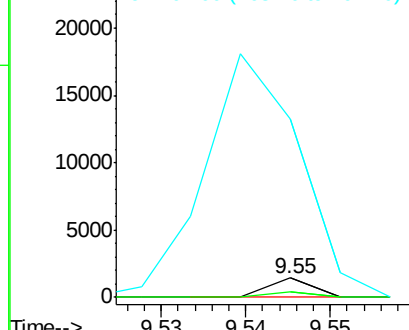
#46
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.26 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tot Ion:162 Resp: 499
Ion Ratio Lower Upper
162 100
127 27.2 33.9 50.9#
164 935.0 26.5 39.7#

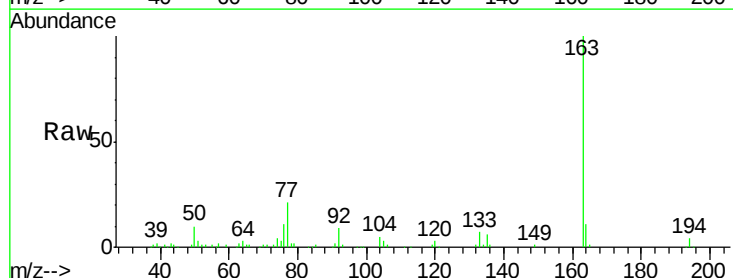


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

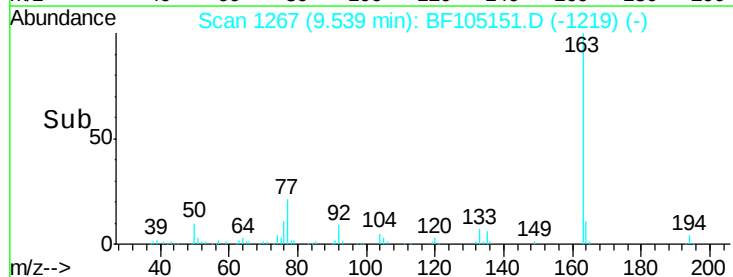
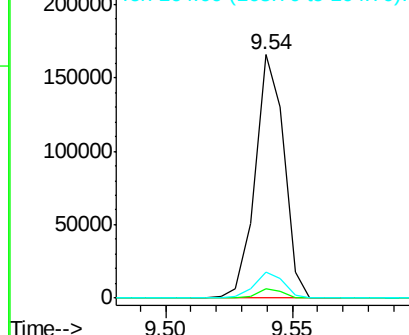


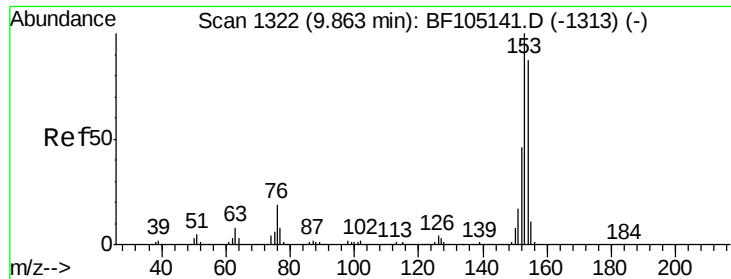
#49
Dimethylphthalate
Concen: 4.127 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:163 Resp: 131569
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 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





#51

Acenaphthene

Concen: 0.059 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.04 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

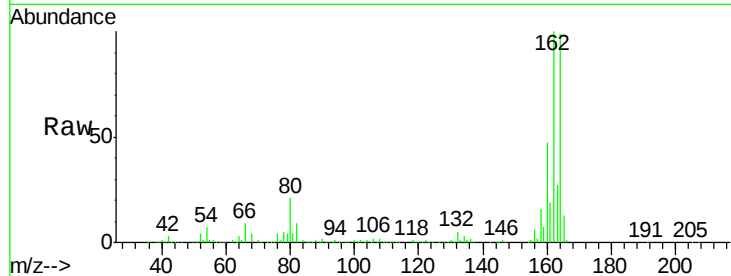
Tot Ion:154 Resp: 1683

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

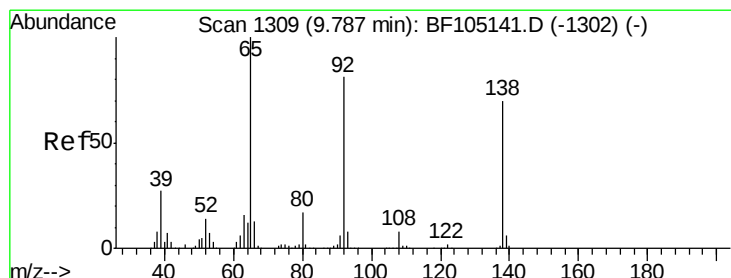
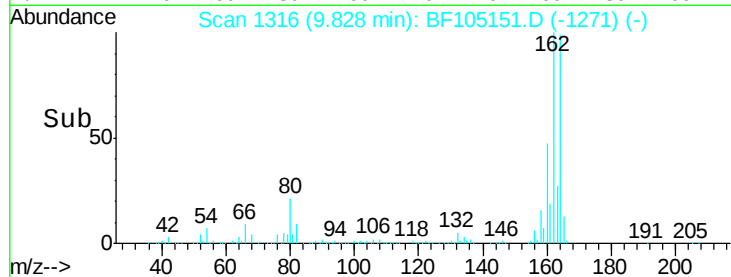
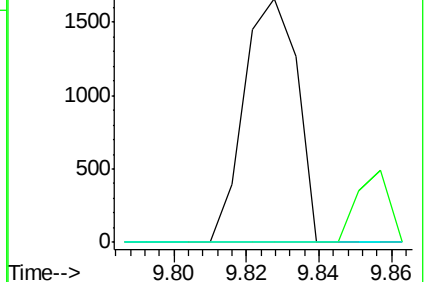
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.108 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.14 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

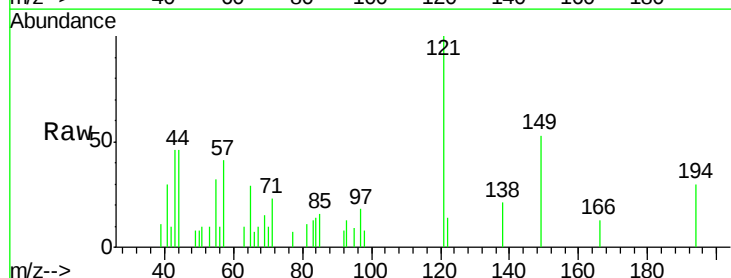
Tgt Ion:138 Resp: 788

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

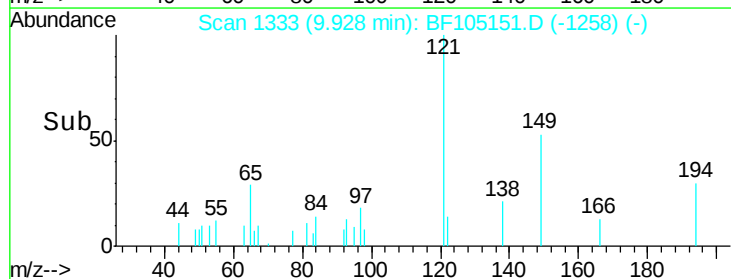
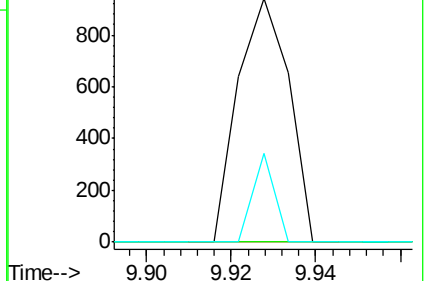
92 36.2 89.4 134.2#

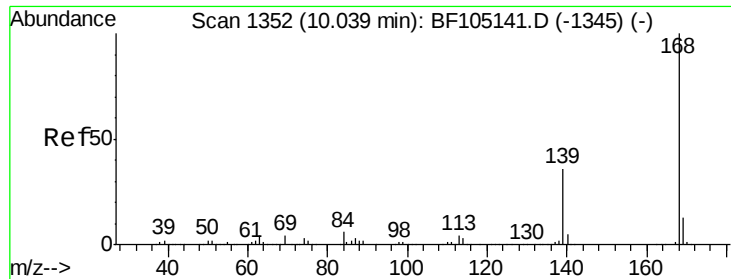


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 0.012 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

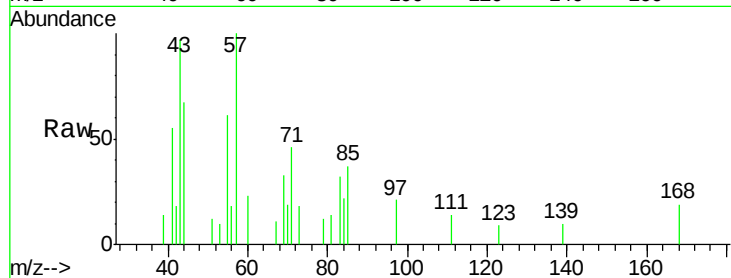
Tot Ion:168 Resp: 498

Ion Ratio Lower Upper

168 100

139 53.0 30.1 45.1#

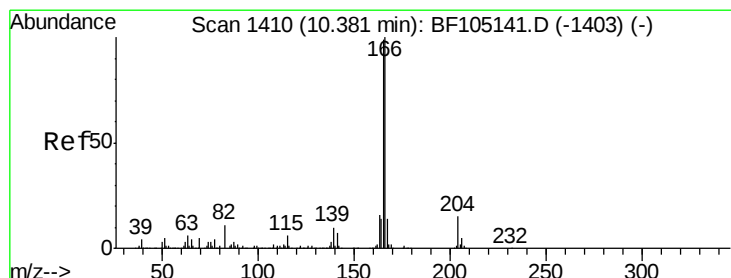
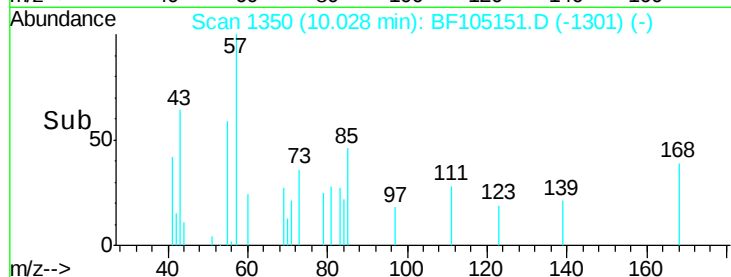
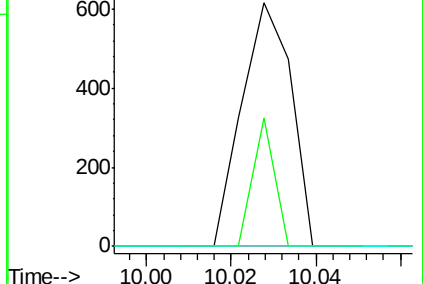
169 0.0 10.9 16.3#



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



#57

Fluorene

Concen: 0.673 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.24 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

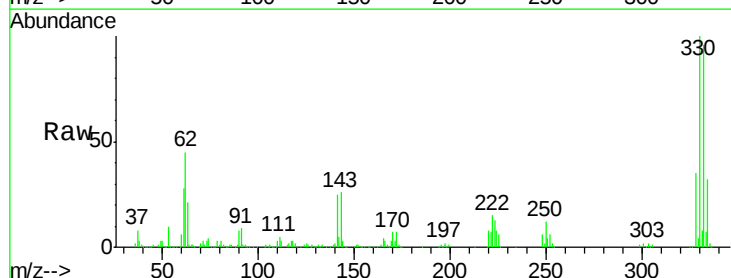
Tgt Ion:166 Resp: 20592

Ion Ratio Lower Upper

166 100

165 111.3 79.8 119.8

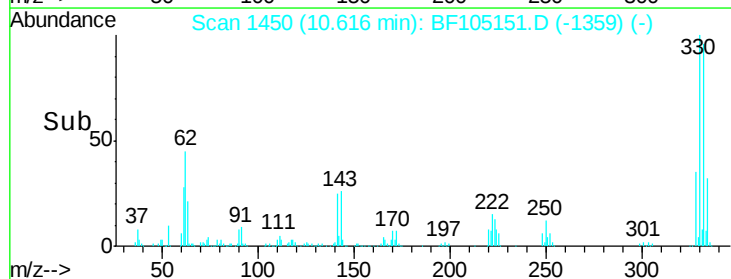
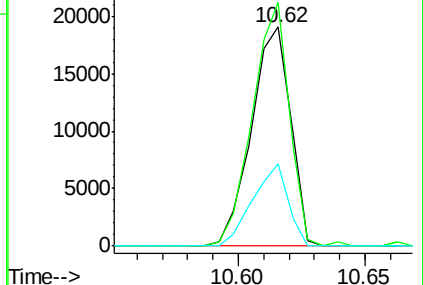
167 37.4 10.6 16.0#

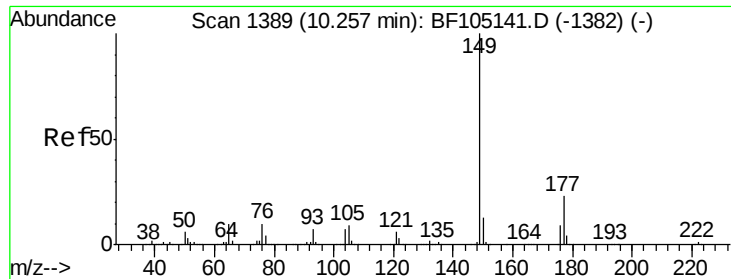


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

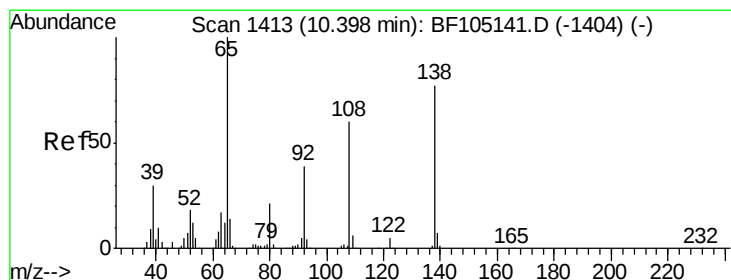
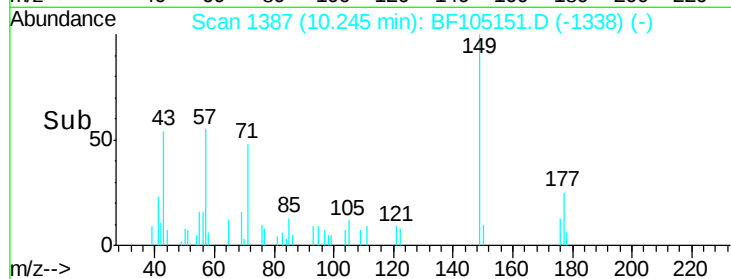
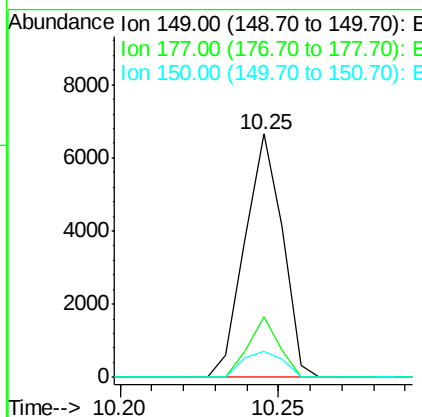
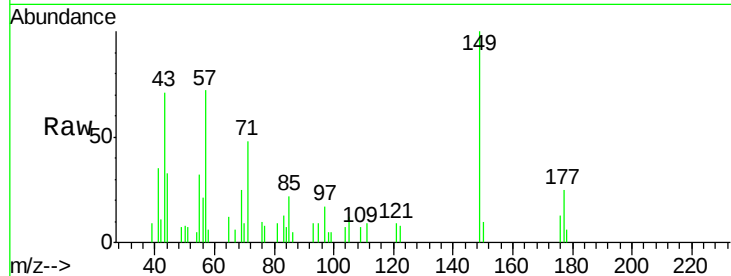




#59
Diethylphthalate
Concen: 0.175 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

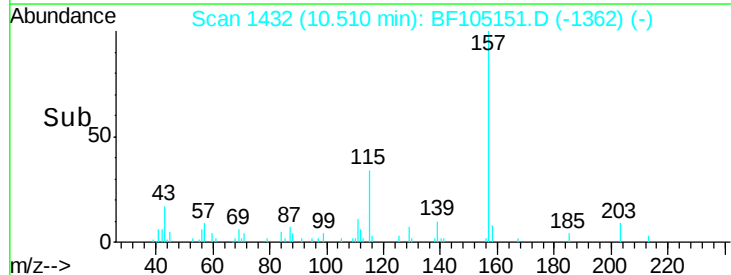
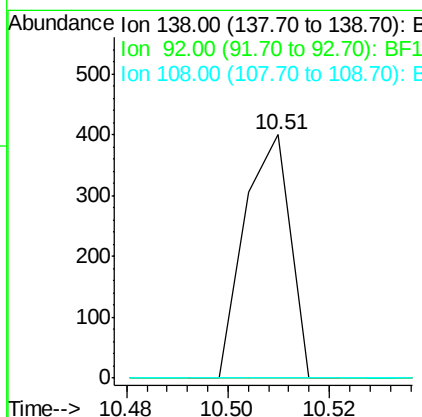
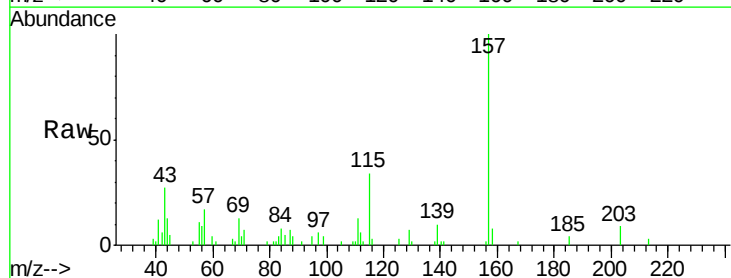
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

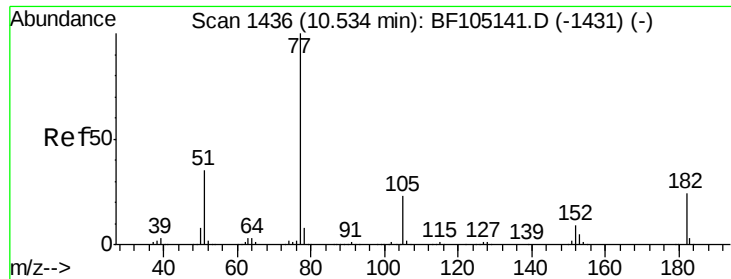
Tot Ion:149 Resp: 5473
Ion Ratio Lower Upper
149 100
177 24.9 16.1 24.1#
150 10.5 10.1 15.1



#61
4-Nitroaniline
Concen: 0.034 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.11 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:138 Resp: 249
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#





#62

Azobenzene

Concen: 0.035 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

Tot Ion: 77 Resp: 1158

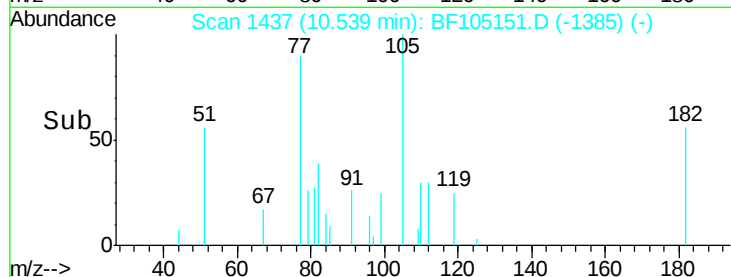
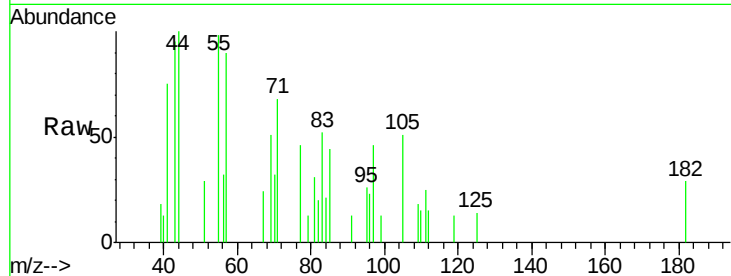
Ion Ratio Lower Upper

77 100

182 62.4 1.7 41.7#

105 110.6 3.0 43.0#

51 62.3 9.9 49.9#

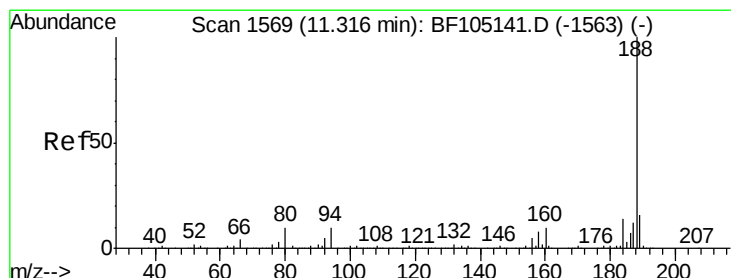
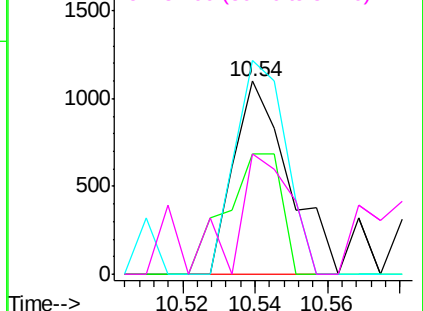


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

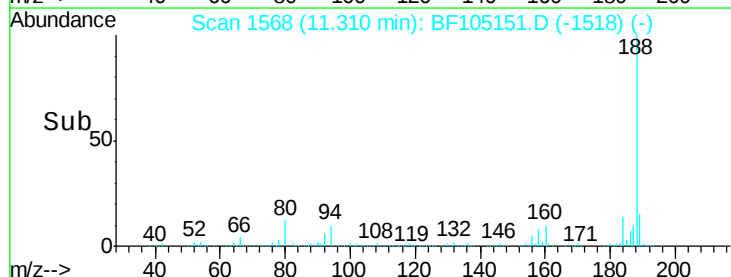
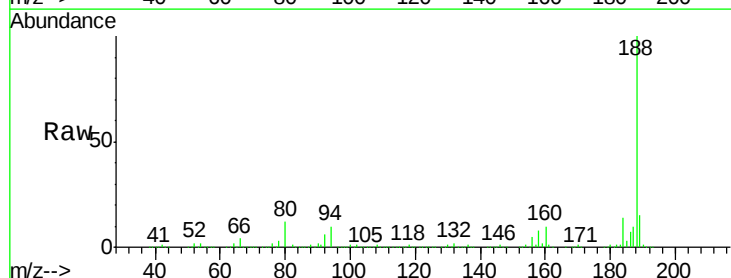
Tgt Ion: 188 Resp: 922820

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

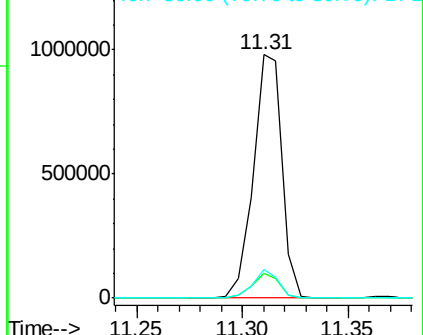
80 11.5 9.2 13.8

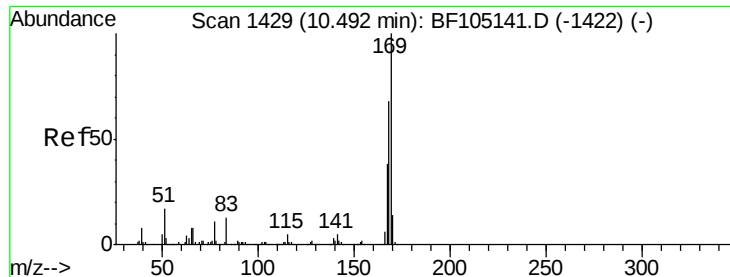


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

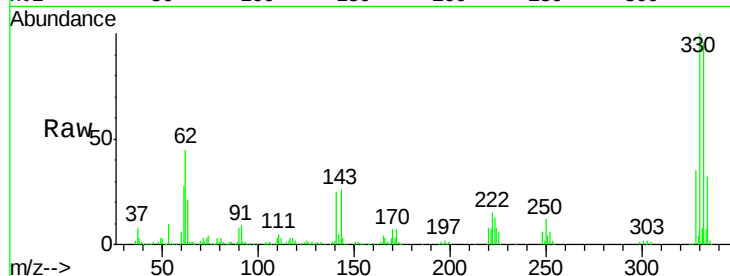




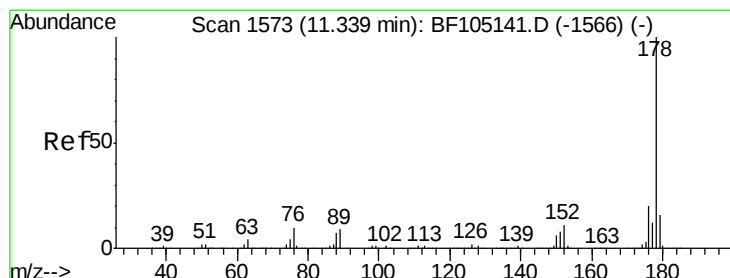
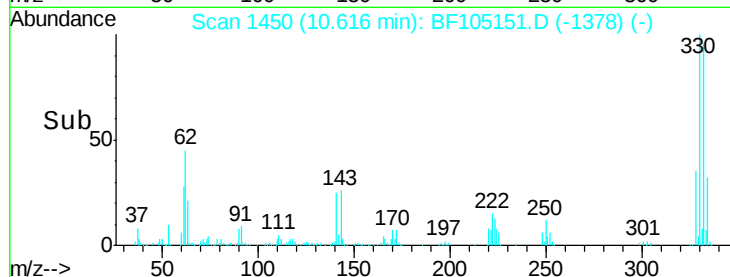
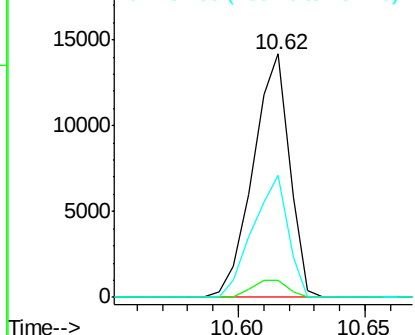
#65
n-Nitrosodiphenylamine
Concen: 0.495 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tot Ion:169 Resp: 14253
Ion Ratio Lower Upper
169 100
168 7.2 54.4 81.6#
167 50.1 29.8 44.6#

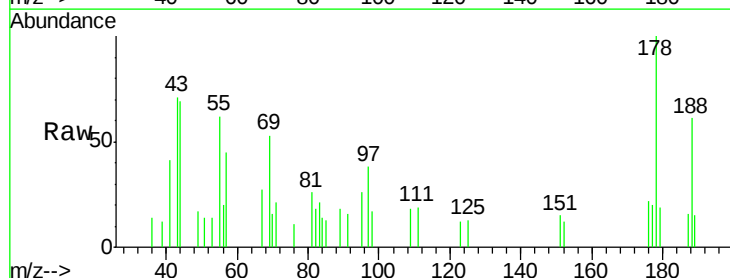


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

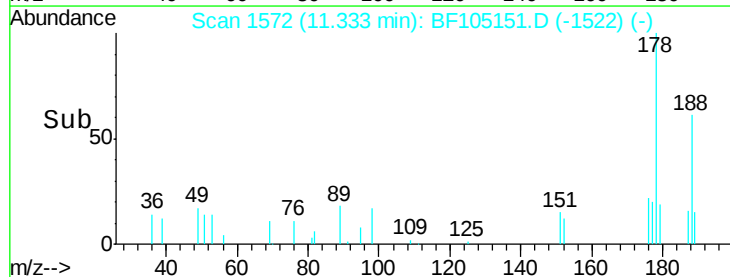
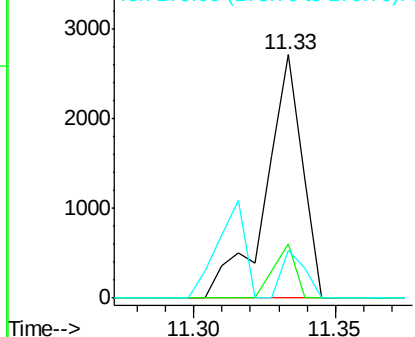


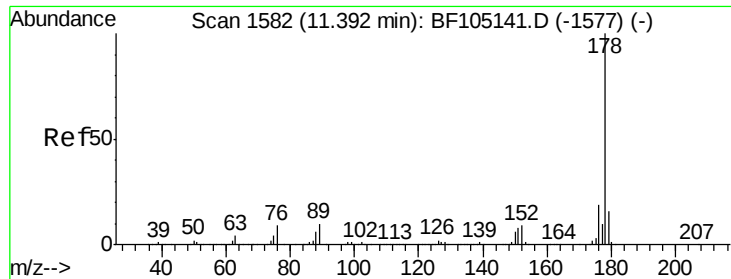
#70
Phenanthrene
Concen: 0.050 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:178 Resp: 2421
Ion Ratio Lower Upper
178 100
176 22.4 15.8 23.8
179 19.4 13.0 19.6



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





#71

Anthracene

Concen: 0.005 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

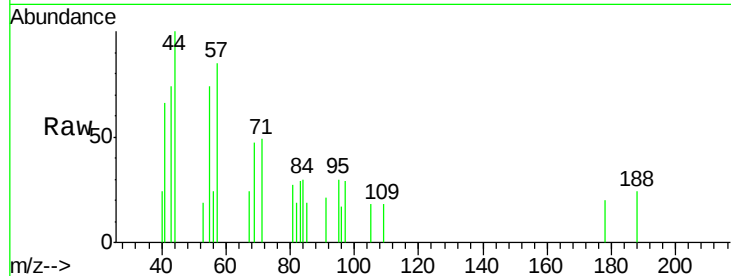
Tot Ion:178 Resp: 256

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

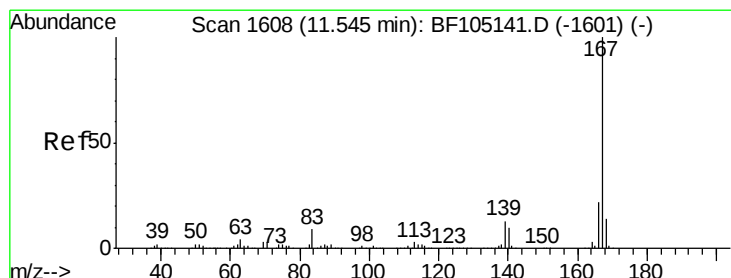
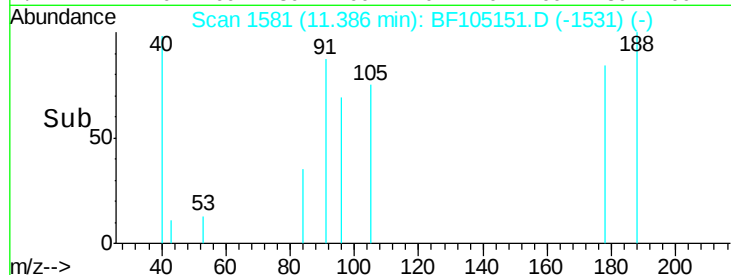
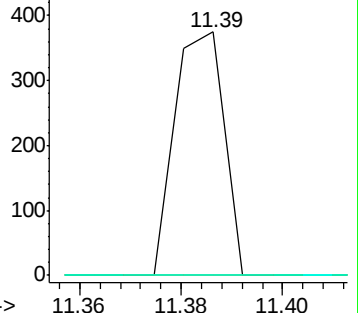
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.003 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.23 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

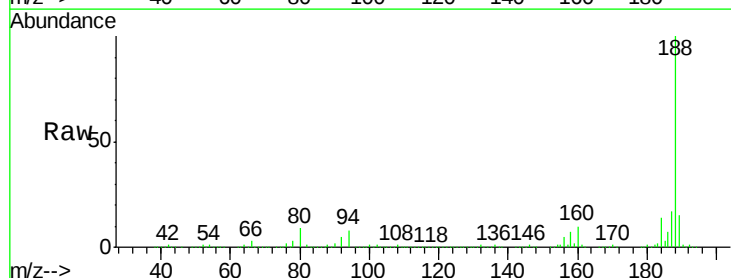
Tgt Ion:167 Resp: 118

Ion Ratio Lower Upper

167 100

166 98.8 17.6 26.4#

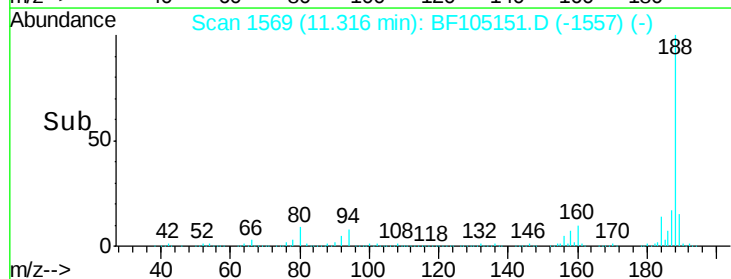
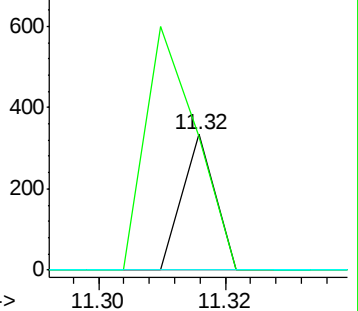
139 0.0 10.9 16.3#

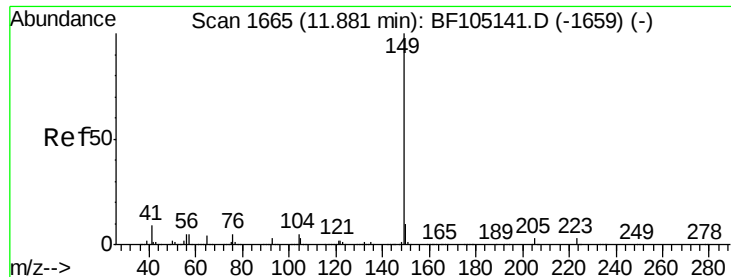


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.207 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

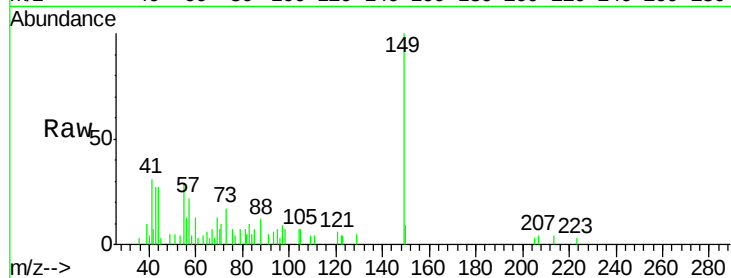
Tot Ion:149 Resp: 9866

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

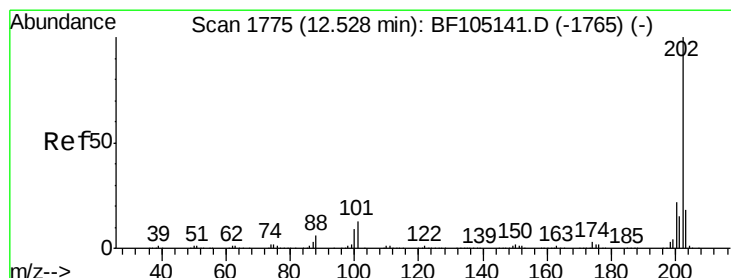
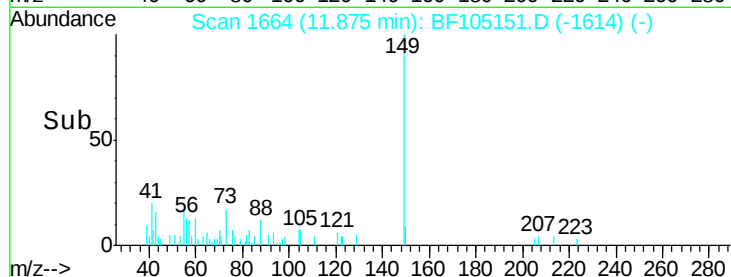
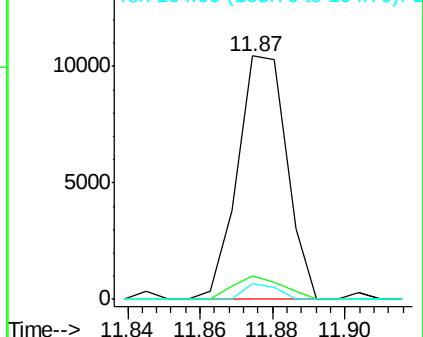
104 6.7 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.015 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

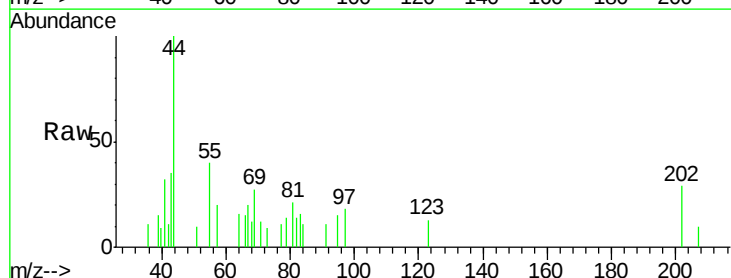
Tgt Ion:202 Resp: 775

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

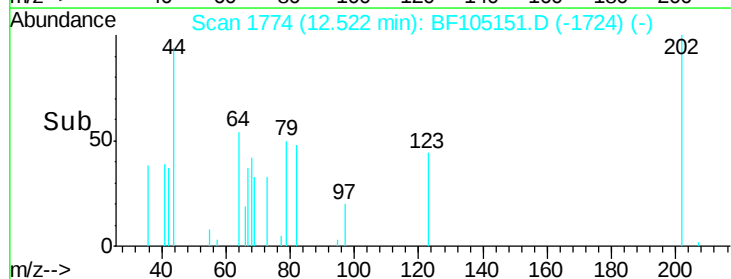
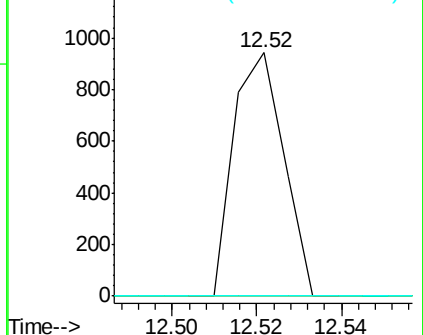
203 0.0 0.0 38.1

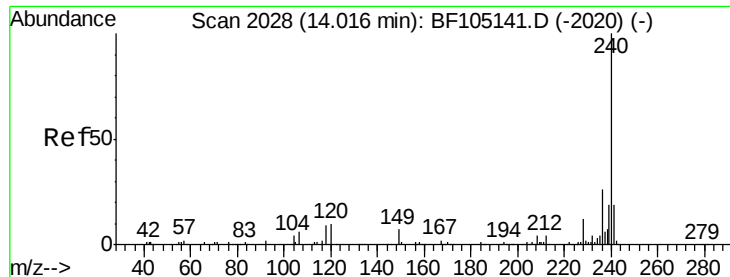


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

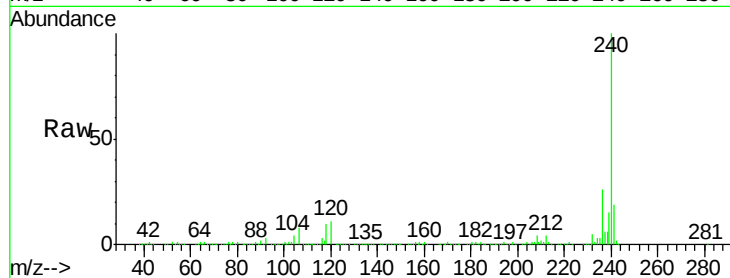
Tot Ion:240 Resp: 816889

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

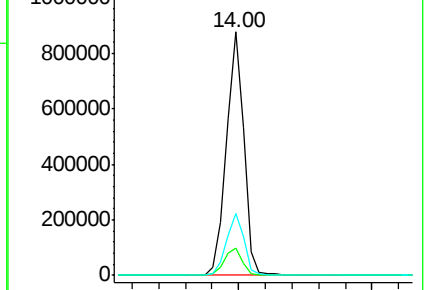
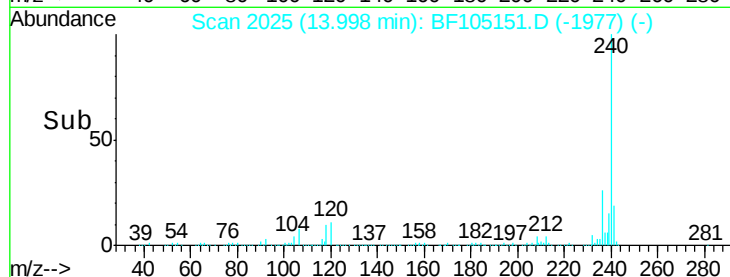
236 25.6 20.7 31.1



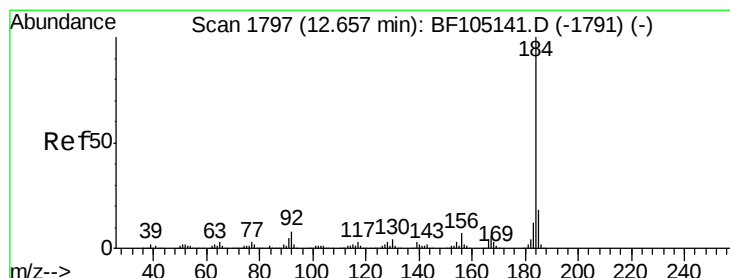
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 1.212 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.25 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

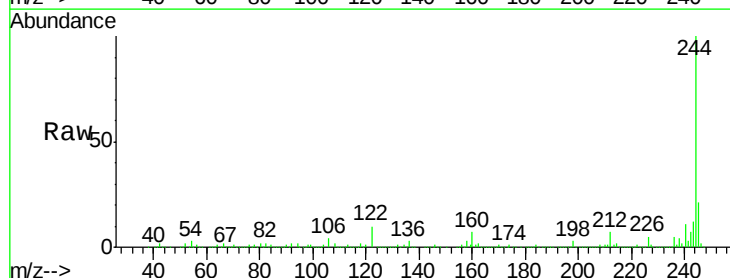
Tgt Ion:184 Resp: 36979

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

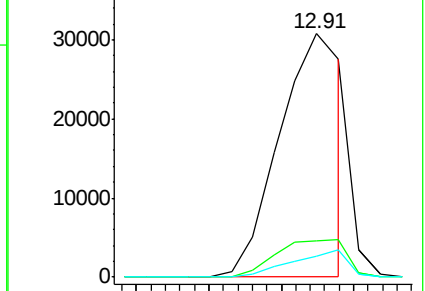
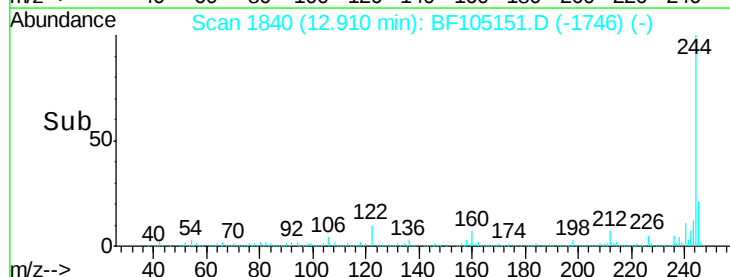
183 8.5 9.3 13.9#



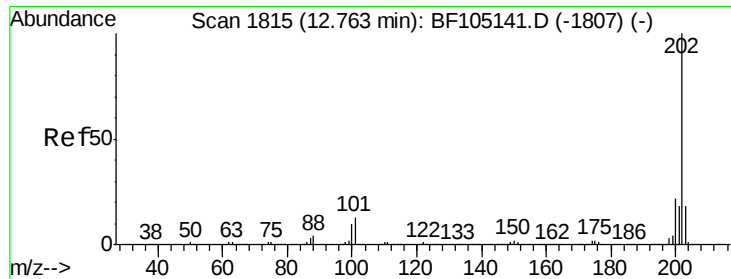
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



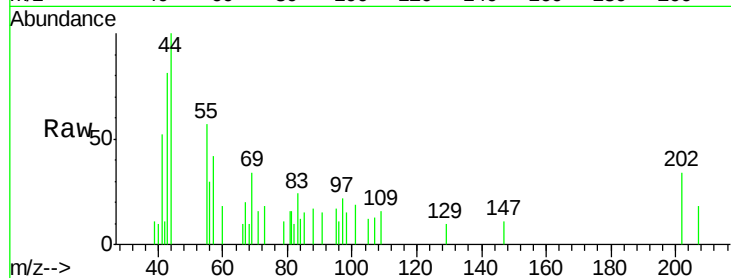
Time-->



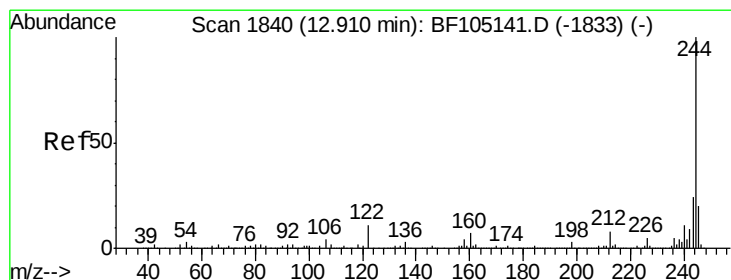
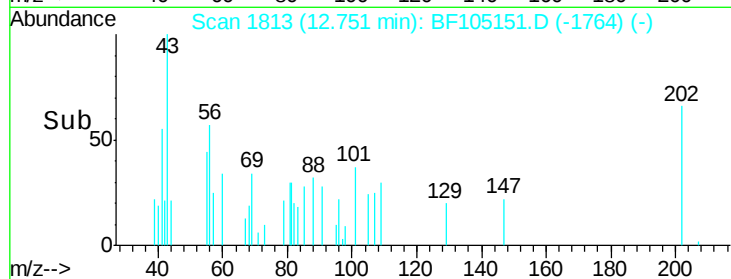
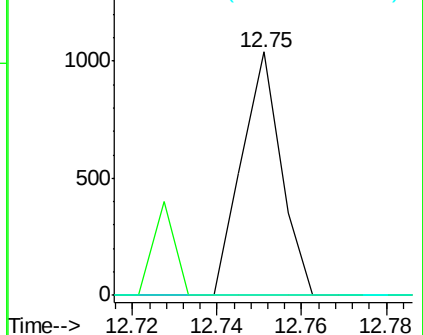
#77
Pvrene
Concen: 0.011 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.3	21.5#

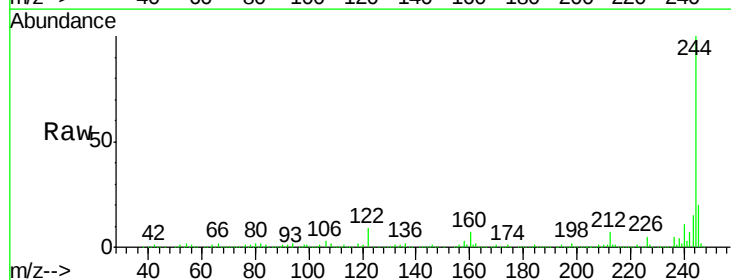


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

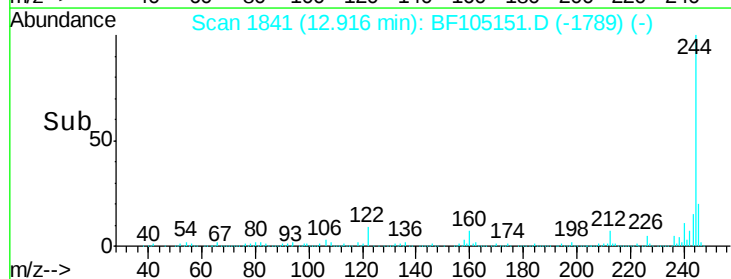
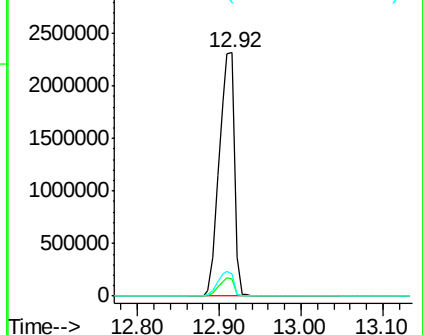


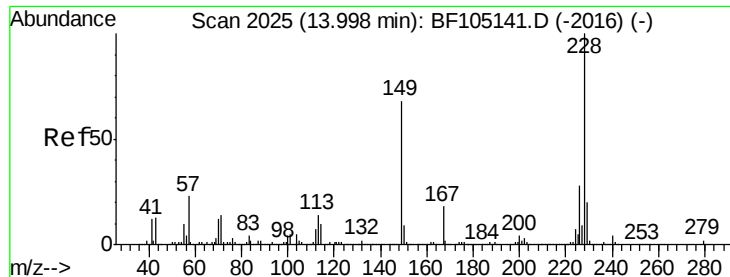
#78
Terphenyl-d14
Concen: 85.317 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	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





#80

Benzo(a)anthracene

Concen: 0.053 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M

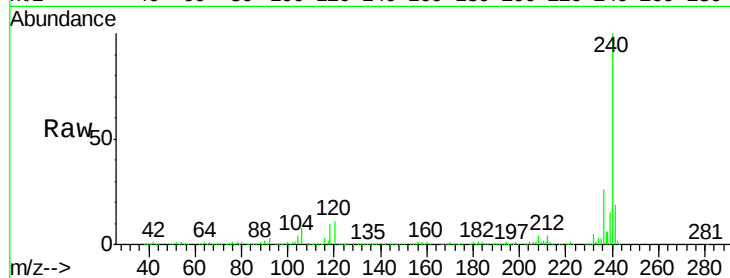
Tot Ion:228 Resp: 2604

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

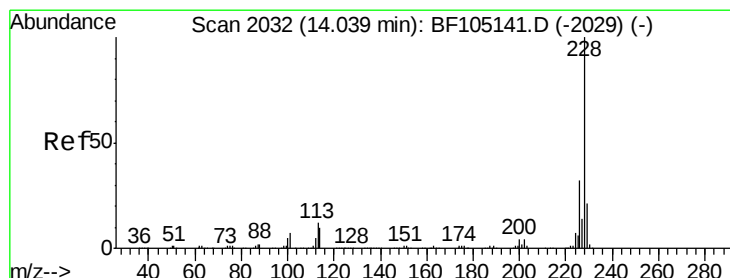
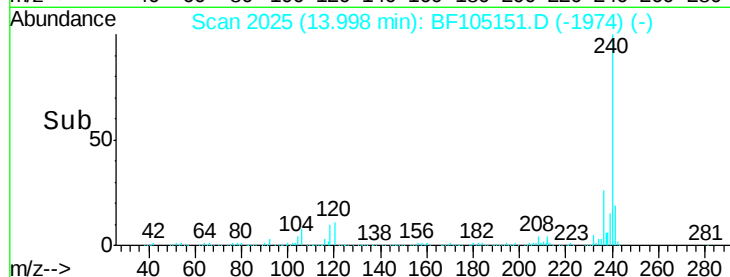
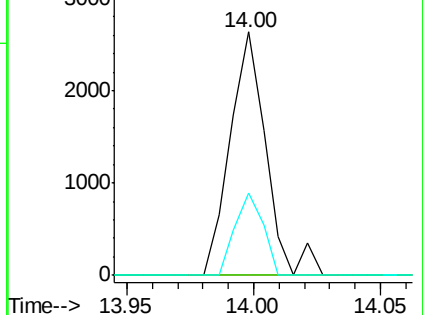
229 33.8 15.8 23.6#



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



#82

Chrysene

Concen: 0.051 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF105151.D

Acq: 8 May 2018 18:33

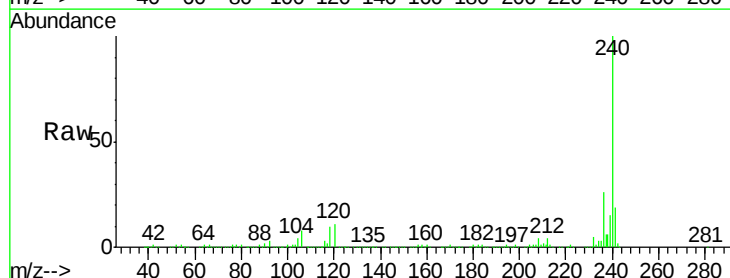
Tgt Ion:228 Resp: 2604

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

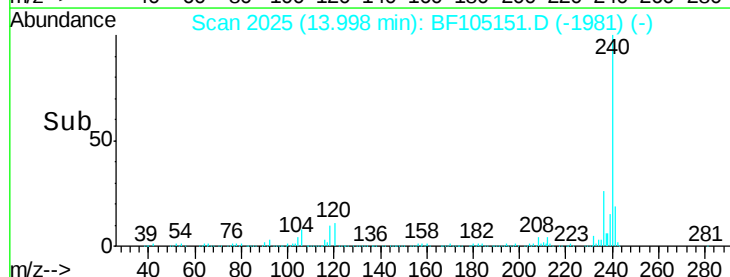
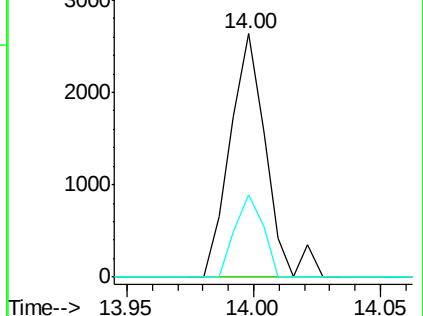
229 33.8 16.2 24.4#

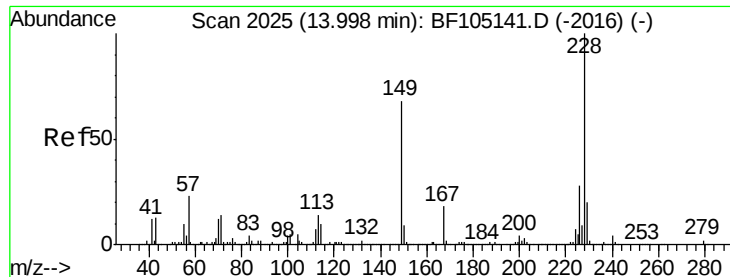


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

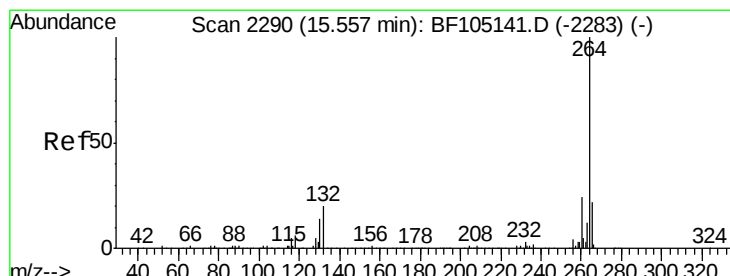
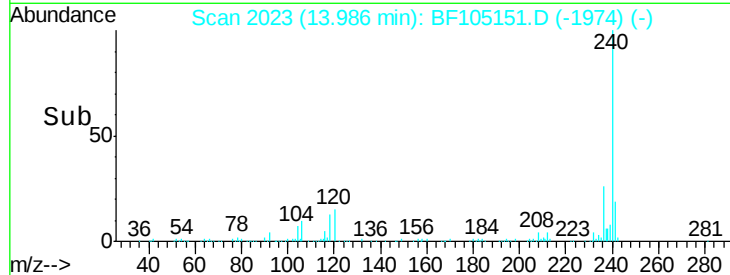
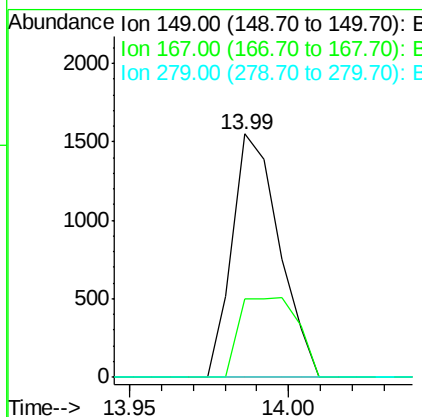
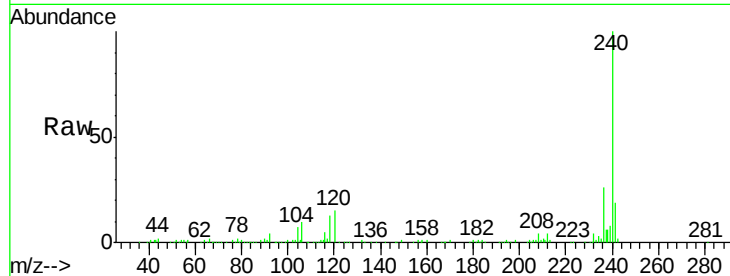




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

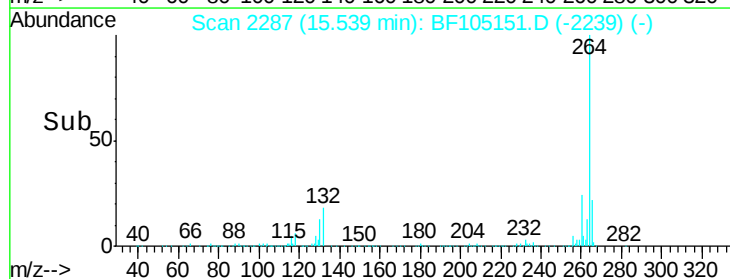
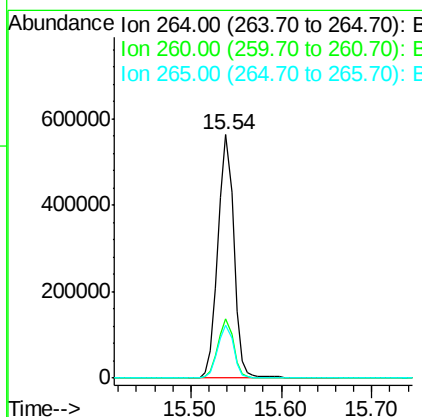
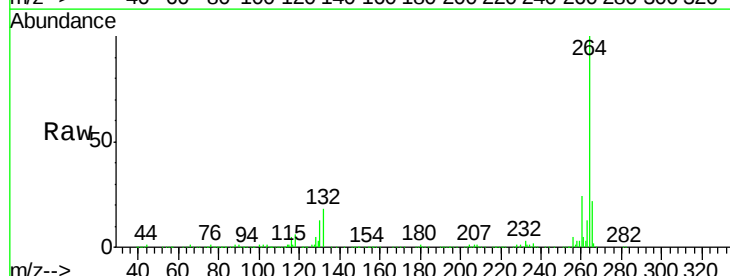
Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-D-M

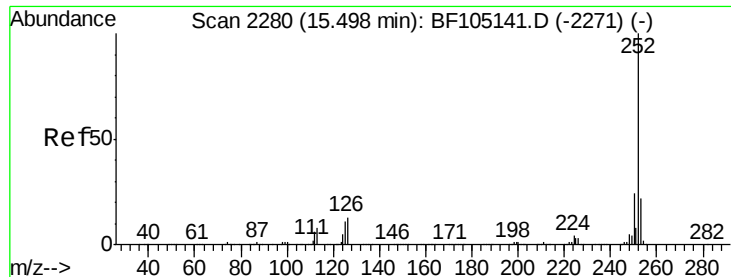
Tot Ion:149 Resp: 1596
 Ion Ratio Lower Upper
 149 100
 167 32.1 21.3 31.9#
 279 0.0 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.02 min
 Lab File: BF105151.D
 Acq: 8 May 2018 18:33

Tgt Ion:264 Resp: 687241
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.5 26.3





#89

Benzo(a)pyrene

Concen: 0.061 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.04 min

Lab File: BF105151.D

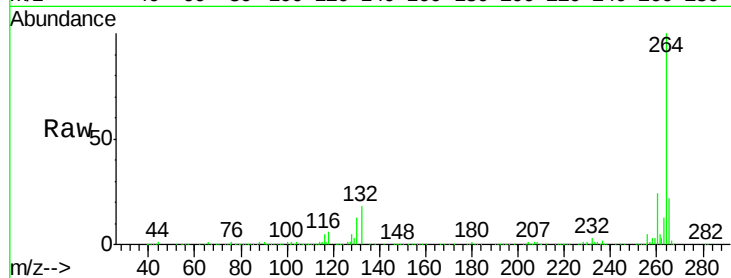
Acq: 8 May 2018 18:33

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-M



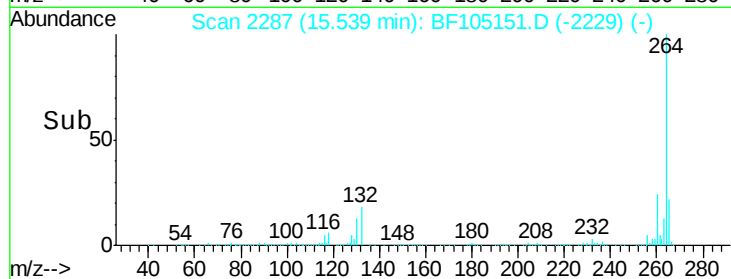
Tot Ion:252 Resp: 2320

Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 0.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

