

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105148.D
 Acq On : 8 May 2018 17:14
 Operator : JU/SJ
 Sample : J2683-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-U-B

Quant Time: May 08 19:07:30 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	274506	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1087181	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	539744	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	1064156	20.00	ng	0.00
75) Chrysene-d12	14.01	240	949531	20.00	ng	0.00
86) Perylene-d12	15.57	264	855554	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	722465	43.36	ng	0.00
7) Phenol-d6	6.41	99	552732	27.86	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1674853	104.41	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	612519	102.86	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2898067	83.34	ng	0.00
78) Terphenyl-d14	12.92	244	3346775	81.87	ng	0.00

Target Compounds				Qvalue		
6) Aniline	6.42	93	381	0.013	ng	# 1
8) 2-Chlorophenol	6.56	128	396	0.022	ng	# 1
10) Phenol	6.42	94	19511	0.884	ng	# 99
11) bis(2-Chloroethyl)ether	6.56	93	1745	0.096	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	593	0.028	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	593	0.028	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	593	0.030	ng	# 1
15) Benzyl Alcohol	6.95	79	26758	1.762	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	6.81	45	145	0.004	ng	# 70
17) 2-Methylphenol	6.96	107	225	0.015	ng	# 1
20) 3+4-Methylphenols	6.96	107	225	0.013	ng	# 1
22) Acetophenone	7.19	105	317	0.013	ng	# 36
24) Nitrobenzene	7.36	77	5090	0.280	ng	# 35
28) bis(2-Chloroethoxy)methane	8.07	93	179	0.008	ng	# 1
31) Naphthalene	8.09	128	1320	0.025	ng	# 69
36) 4-Chloro-3-methylphenol	8.35	107	185	0.012	ng	# 20
37) 2-Methylnaphthalene	8.78	142	1001	0.027	ng	# 69
45) 1,1'-Biphenyl	9.25	154	11499	0.261	ng	# 94
46) 2-Chloronaphthalene	9.55	162	551	0.017	ng	# 1
49) Dimethylphthalate	9.54	163	68693	1.880	ng	# 99
51) Acenaphthene	9.86	154	148	0.005	ng	# 4
54) Dibenzofuran	10.03	168	322	0.007	ng	# 45
57) Fluorene	10.62	166	22586	0.644	ng	# 90
59) Diethylphthalate	10.25	149	7015	0.195	ng	# 99
61) 4-Nitroaniline	10.50	138	265	0.032	ng	# 19
62) Azobenzene	10.54	77	944	0.025	ng	# 7
65) n-Nitrosodiphenylamine	10.62	169	16071	0.484	ng	# 45
70) Phenanthrene	11.33	178	2039	0.036	ng	# 97
71) Anthracene	11.33	178	2039	0.036	ng	# 97
72) Carbazole	11.54	167	307	0.006	ng	# 59
73) Di-n-butylphthalate	11.88	149	2470	0.045	ng	# 78
74) Fluoranthene	12.52	202	685	0.012	ng	# 48
76) Benzydine	12.92	184	44072	1.243	ng	# 94
77) Pyrene	12.75	202	796	0.012	ng	# 57

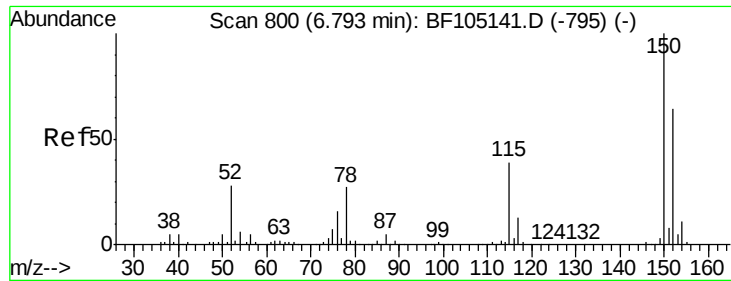
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.01	228	2938	0.051	ng	# 56
82) Chrysene	14.01	228	2938	0.050	ng	# 54
83) Bis(2-ethylhexyl)phthalate	14.00	149	2256	0.079	ng	# 75
87) Benzo(b)fluoranthene	15.14	252	159	0.003	ng	# 60
88) Benzo(k)fluoranthene	15.17	252	446	0.009	ng	# 59
89) Benzo(a)pyrene	15.57	252	3125	0.066	ng	# 64

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

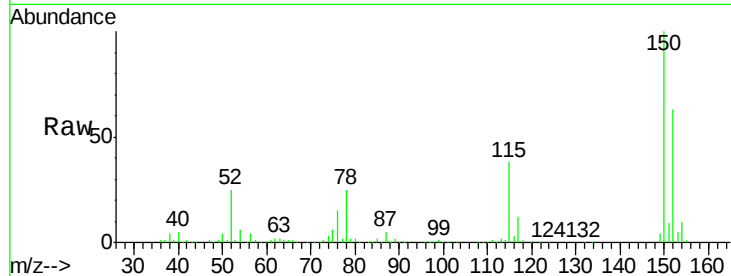
Tot Ion:152 Resp: 274506

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

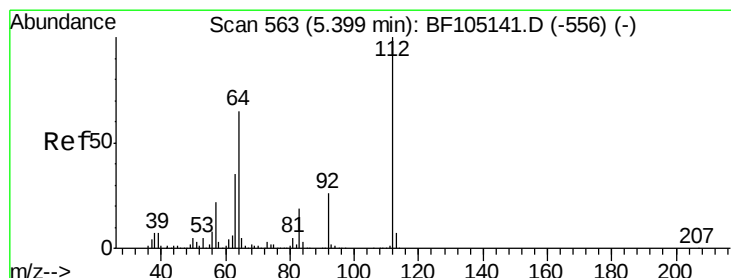
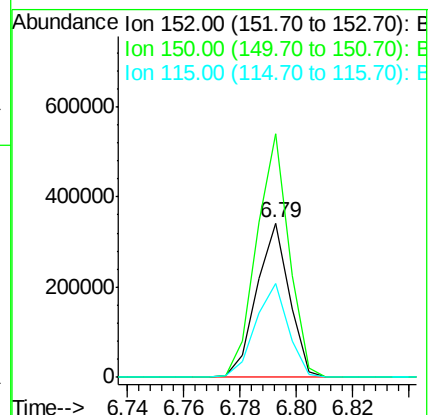
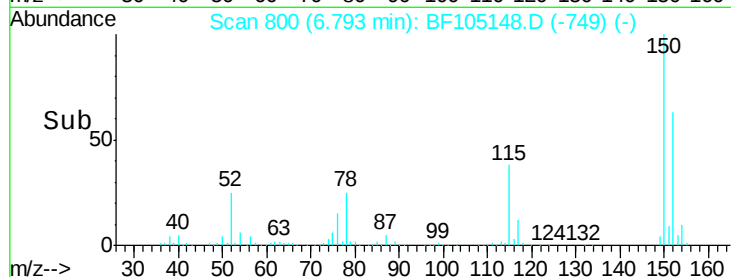
115 60.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 43.358 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

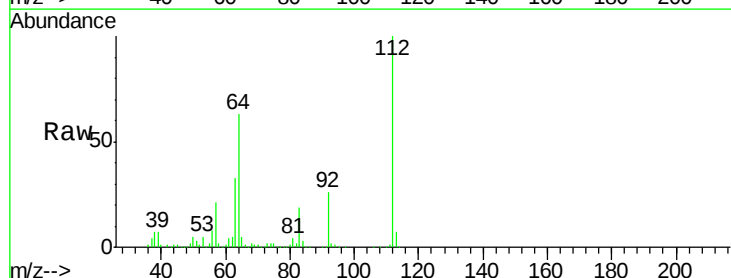
Tgt Ion:112 Resp: 722465

Ion Ratio Lower Upper

112 100

64 63.3 47.9 71.9

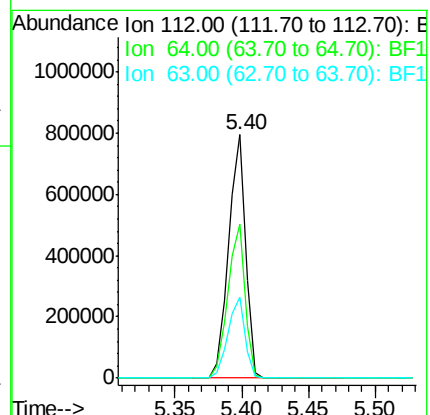
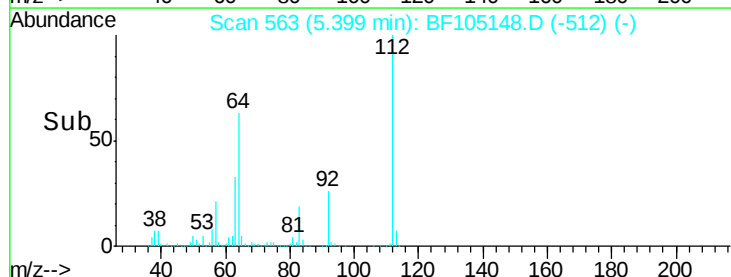
63 33.3 23.7 35.5

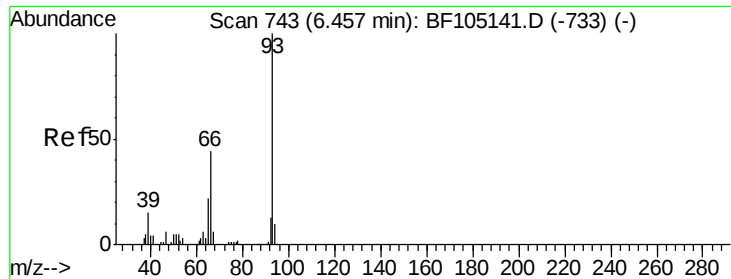


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.013 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

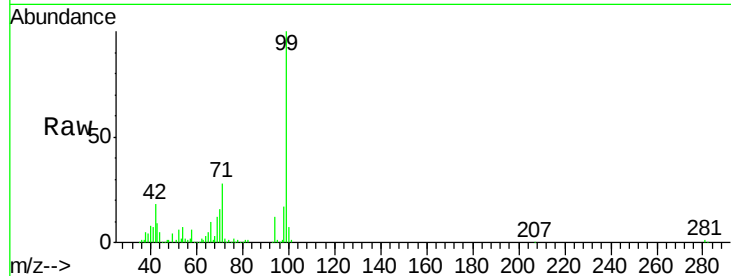
Tot Ion: 93 Resp: 381

Ion Ratio Lower Upper

93 100

66 2750.5 32.2 48.2#

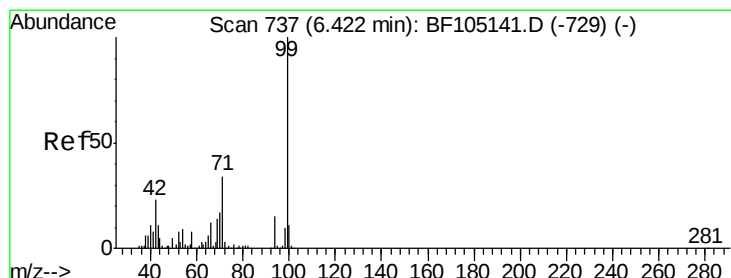
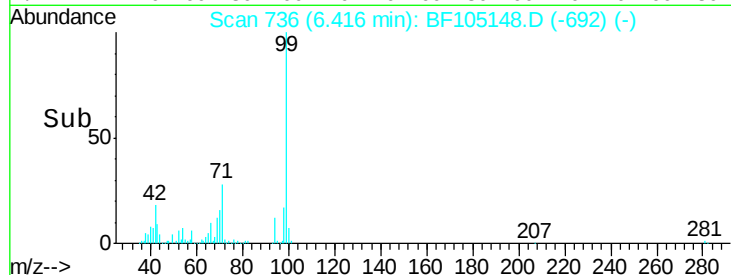
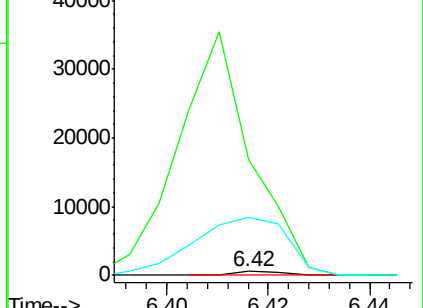
65 1363.5 16.4 24.6#



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: 27.859 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

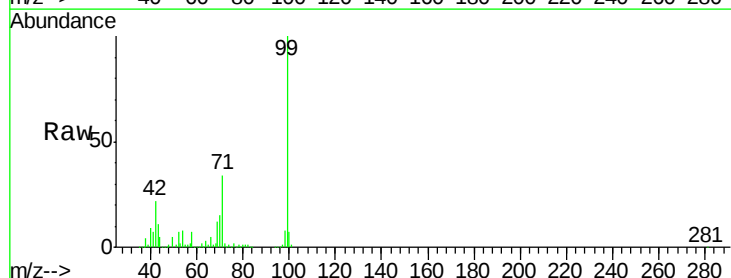
Tgt Ion: 99 Resp: 552732

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

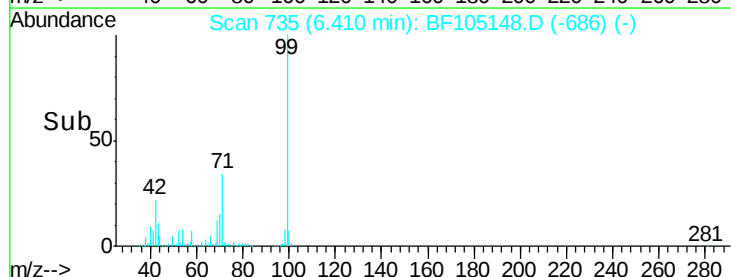
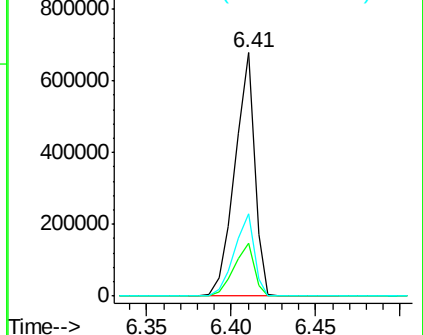
71 33.6 25.4 38.0

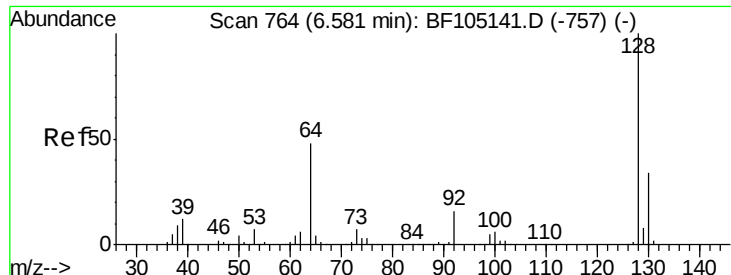


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.022 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

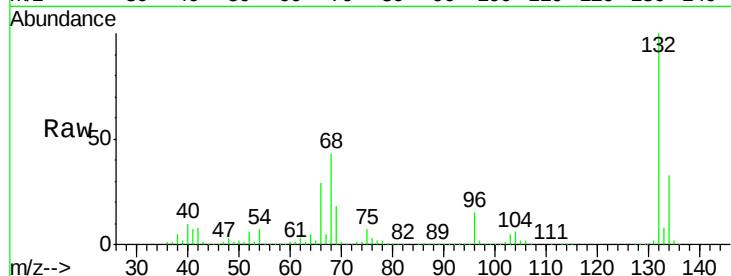
Tot Ion:128 Resp: 396

Ion Ratio Lower Upper

128 100

130 286.8 13.0 53.0#

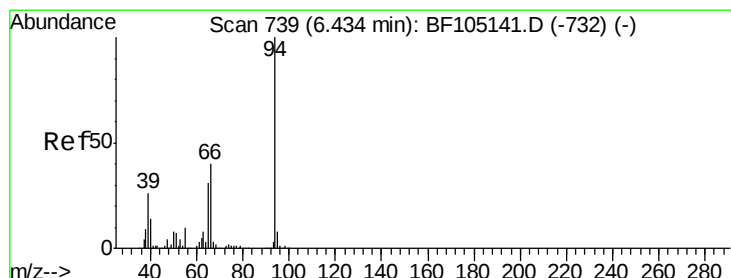
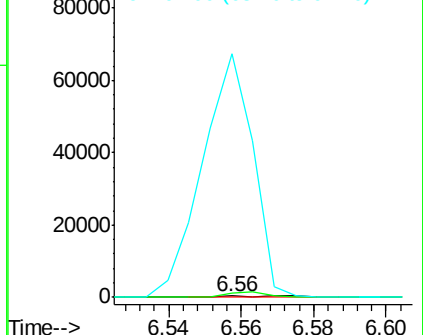
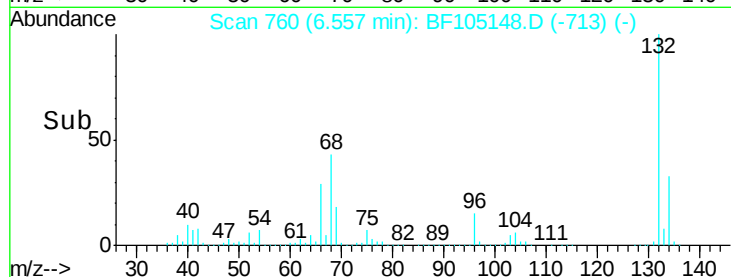
64 17768.9 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#10

Phenol

Concen: 0.884 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

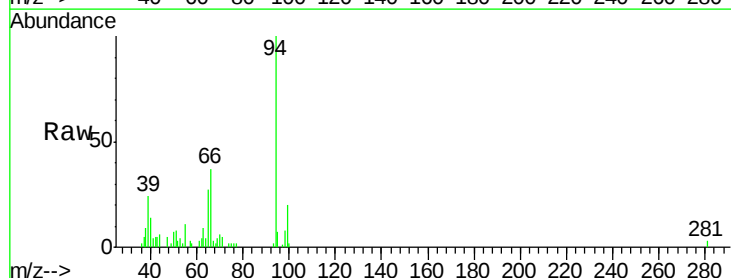
Tgt Ion: 94 Resp: 19511

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

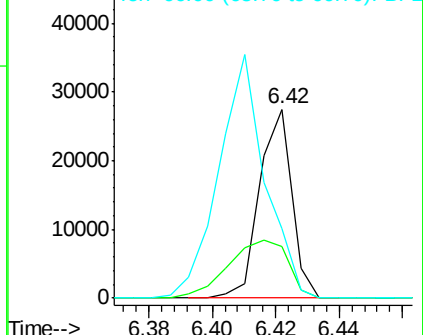
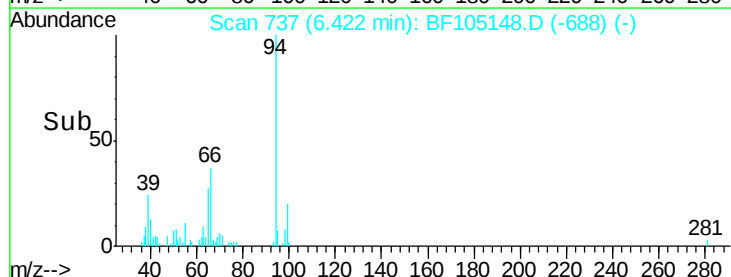
66 36.9 16.2 56.2

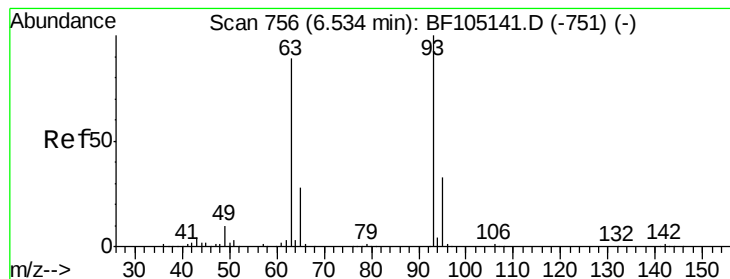


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.096 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

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ClientSampleId :

050118-SIDI-E-U-B

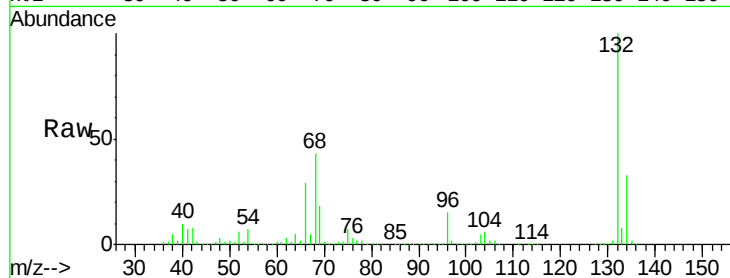
Tot Ion: 93 Resp: 1745

Ion Ratio Lower Upper

93 100

63 700.7 58.6 98.6#

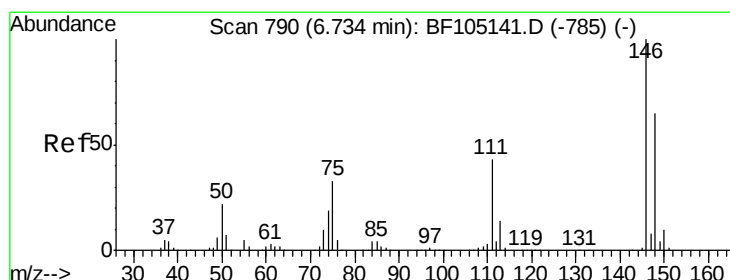
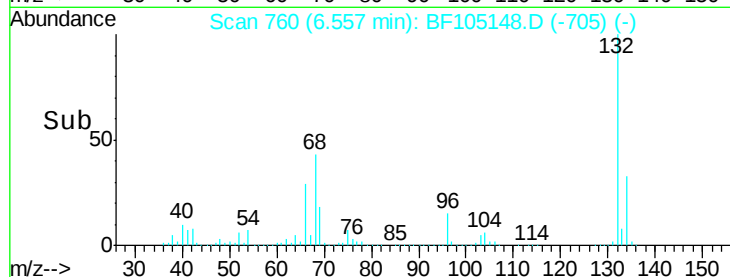
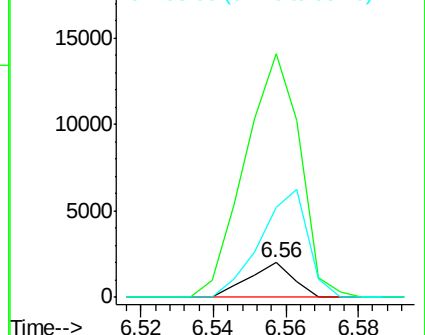
95 257.3 11.8 51.8#



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



#12

1,3-Dichlorobenzene

Concen: 0.028 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.21 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

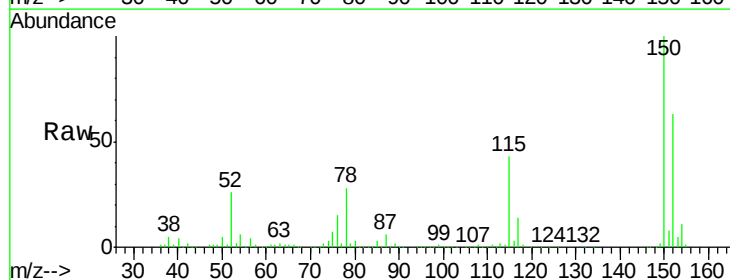
Tgt Ion: 146 Resp: 593

Ion Ratio Lower Upper

146 100

148 441.6 51.8 77.8#

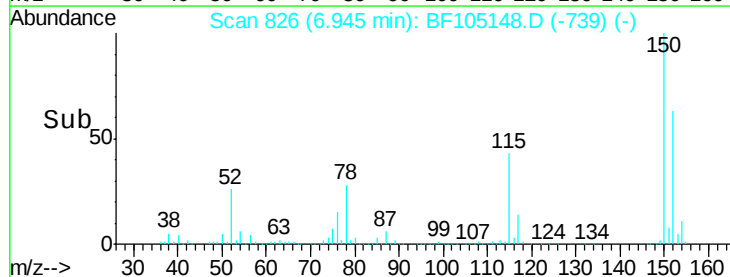
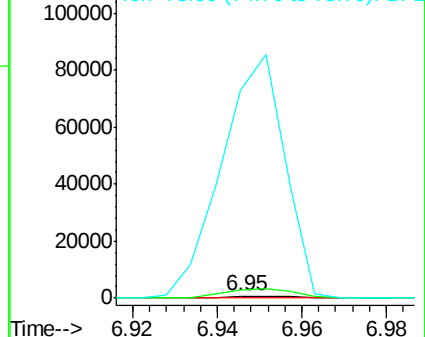
75 11188.9 24.2 36.4#

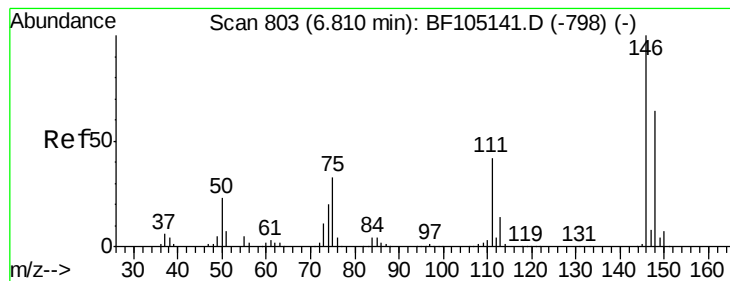


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.028 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.14 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

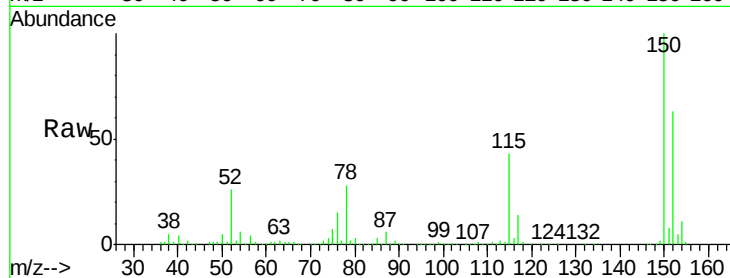
Tot Ion:146 Resp: 593

Ion Ratio Lower Upper

146 100

148 441.6 50.8 76.2#

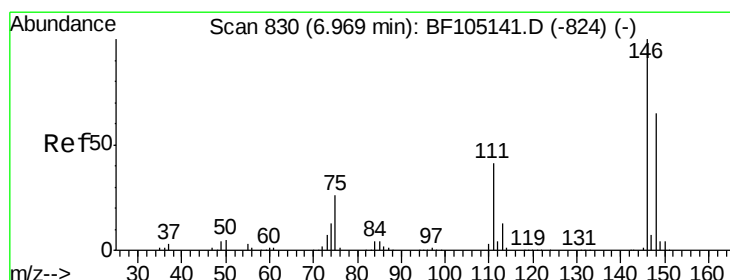
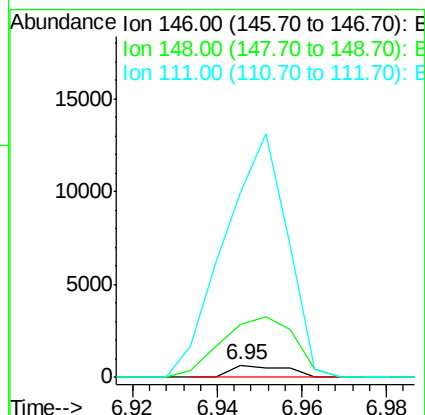
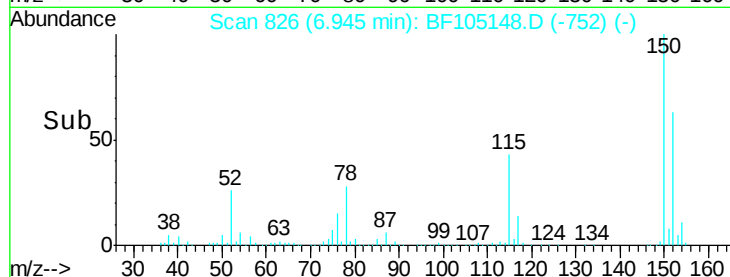
111 1526.3 34.2 51.2#



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: 0.030 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

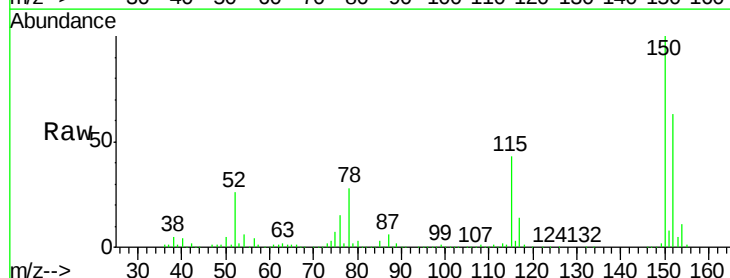
Tgt Ion:146 Resp: 593

Ion Ratio Lower Upper

146 100

148 441.6 50.6 75.8#

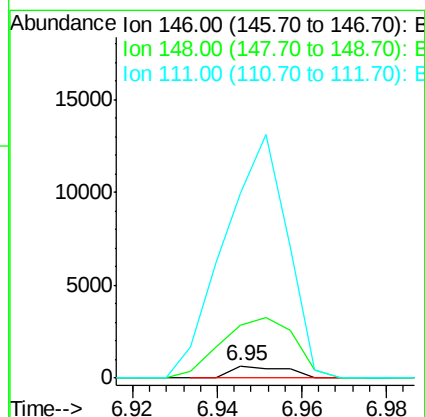
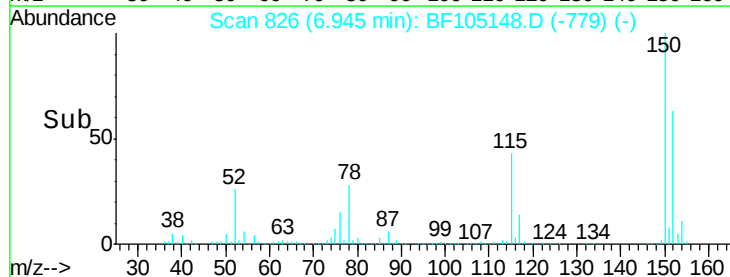
111 1526.3 36.0 54.0#

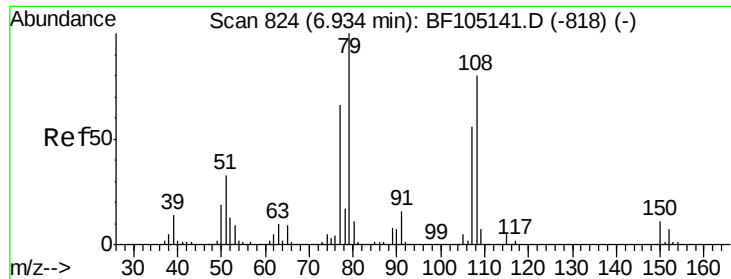


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.762 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

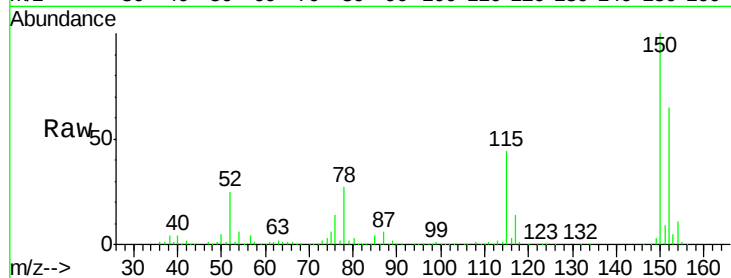
Tot Ion: 79 Resp: 26758

Ion Ratio Lower Upper

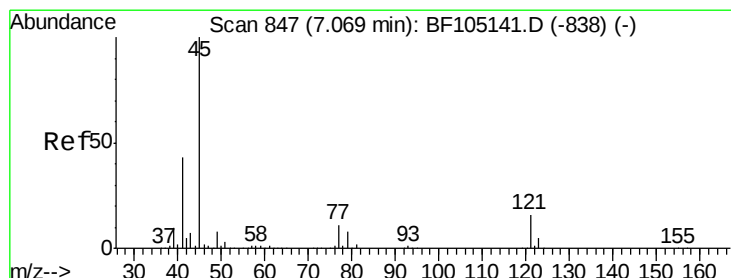
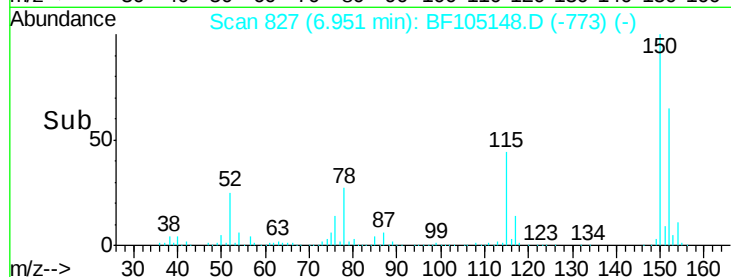
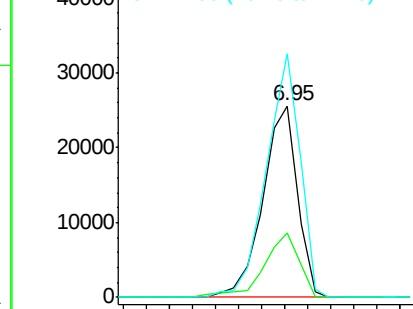
79 100

108 33.4 65.1 97.7#

77 127.0 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: 0.004 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.26 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

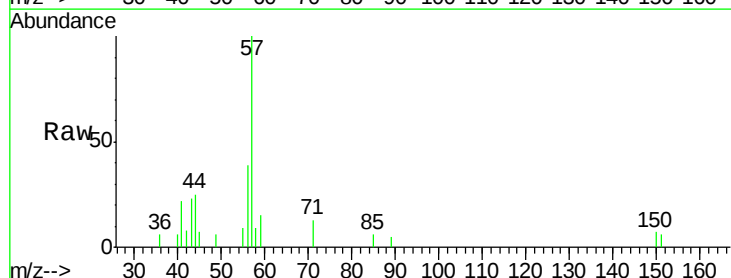
Tgt Ion: 45 Resp: 145

Ion Ratio Lower Upper

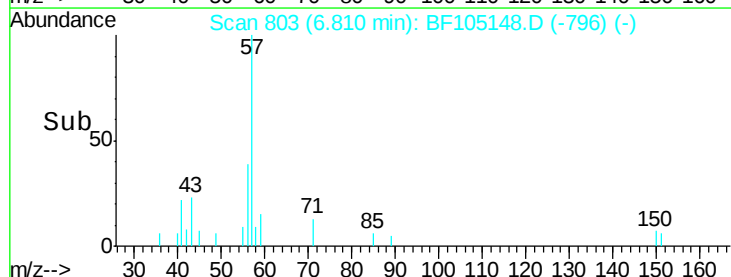
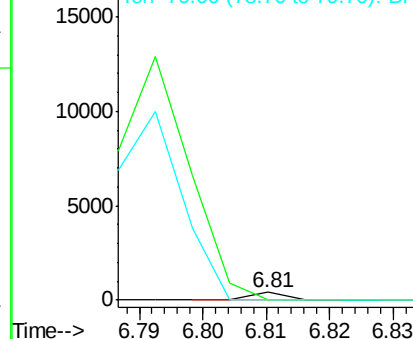
45 100

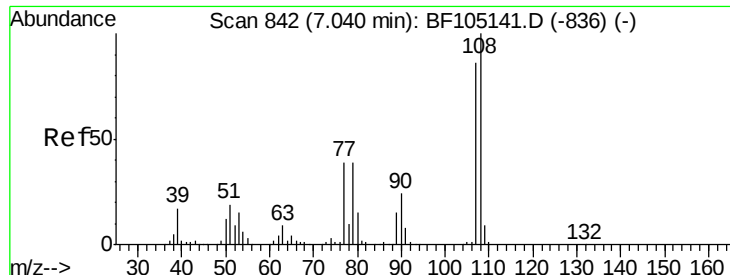
77 0.0 0.0 32.9

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: 0.015 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.08 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

Tot Ion:107 Resp: 225

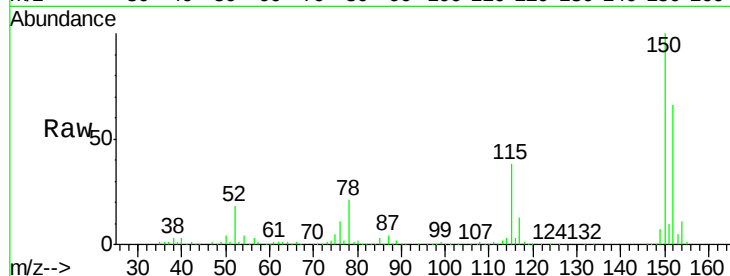
Ion Ratio Lower Upper

107 100

108 1312.5 91.7 137.5#

77 5385.7 33.8 50.8#

79 2906.5 33.8 50.8#

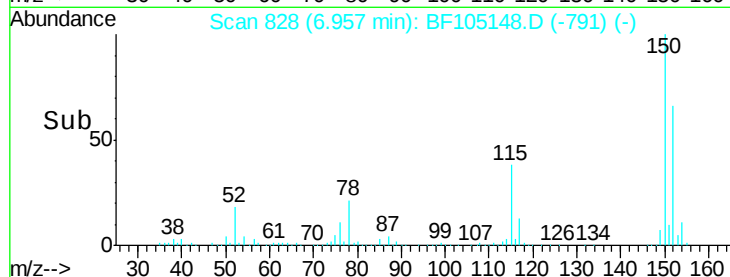


Abundance Ion 107.00 (106.70 to 107.70): E

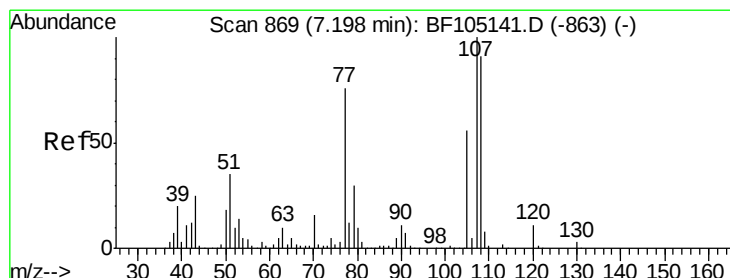
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#20

3+4-Methylphenols

Concen: 0.013 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.24 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Tgt Ion:107 Resp: 225

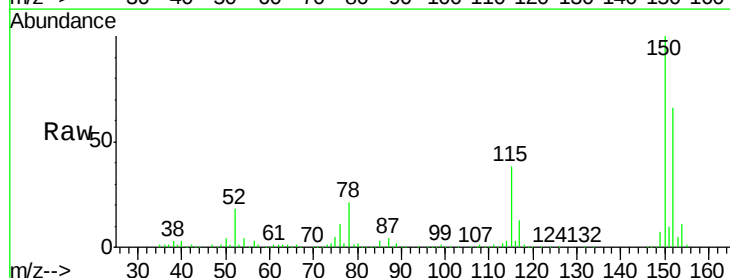
Ion Ratio Lower Upper

107 100

108 1312.5 68.2 108.2#

77 5385.7 26.7 66.7#

79 2906.5 6.3 46.3#

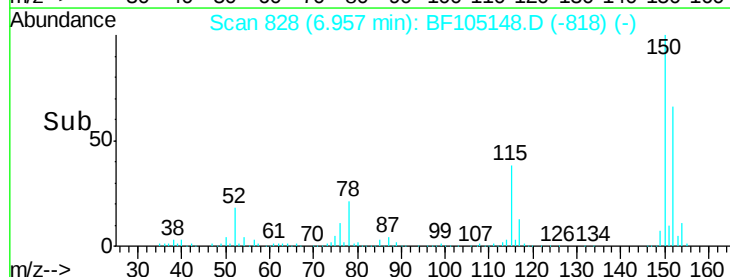


Abundance Ion 107.00 (106.70 to 107.70): E

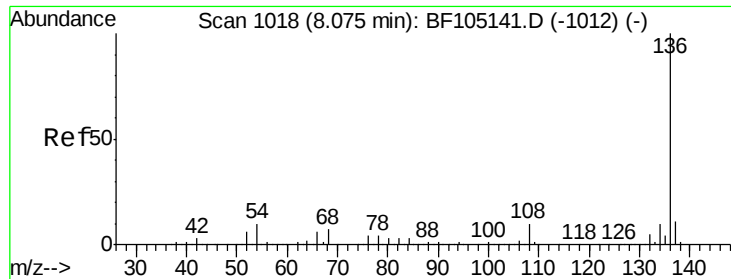
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

Tot Ion:136 Resp: 1087181

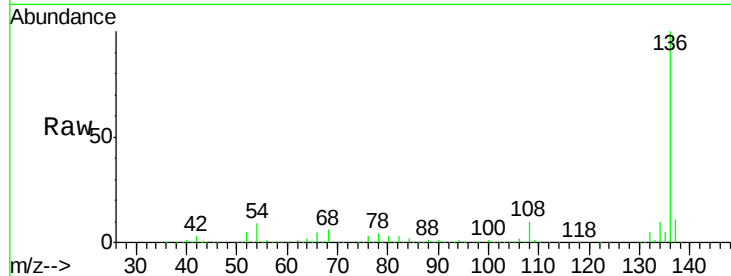
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 6.2 5.0 7.4

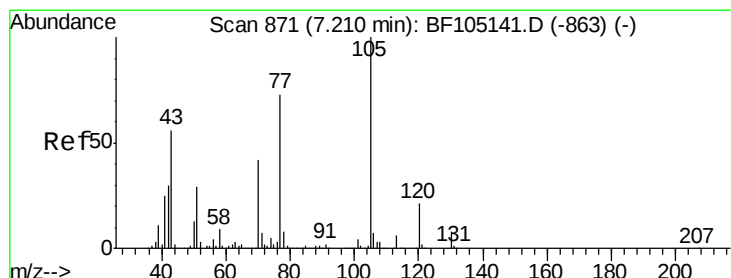
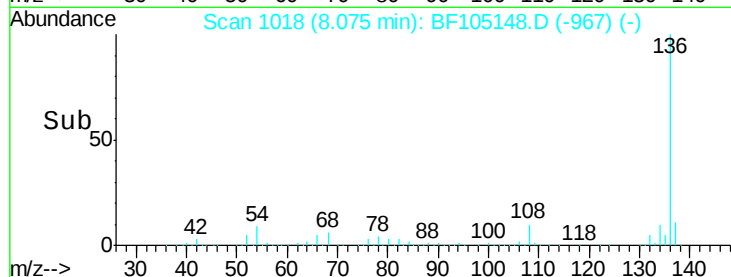
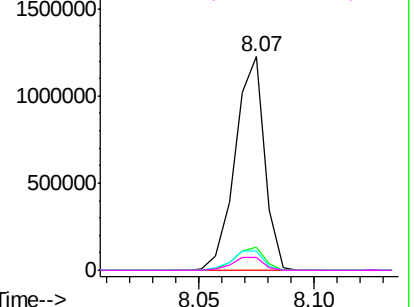


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.013 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Tgt Ion:105 Resp: 317

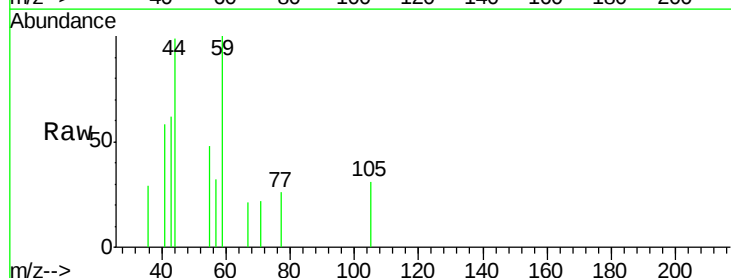
Ion Ratio Lower Upper

105 100

71 70.9 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#

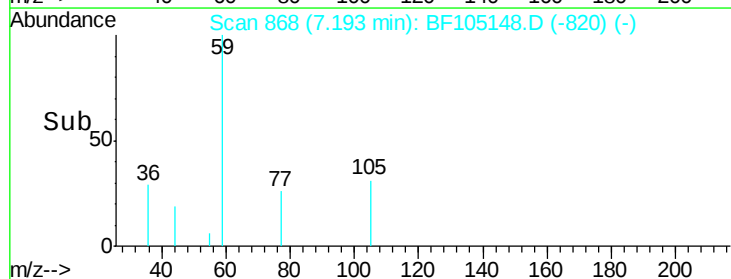
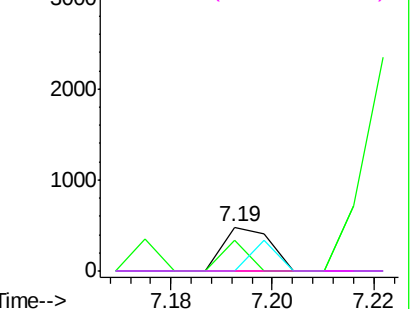


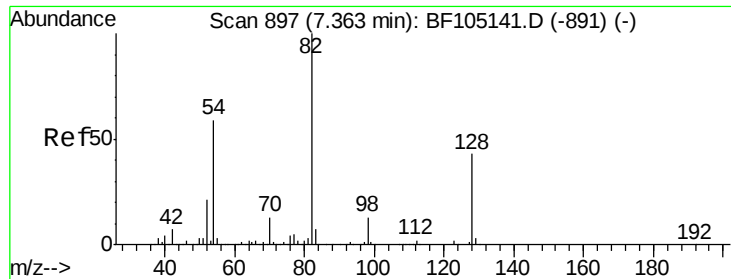
Abundance Ion 105.00 (104.70 to 105.70): E

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



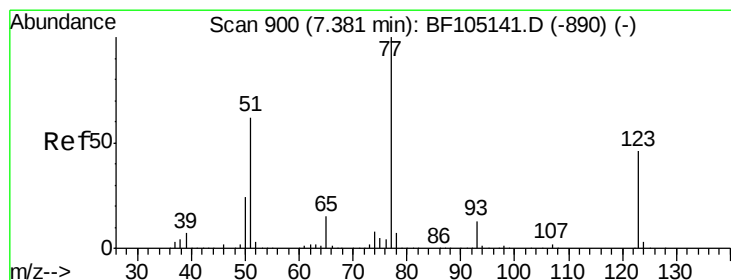
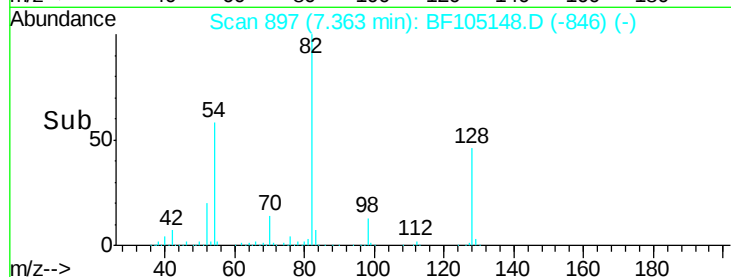
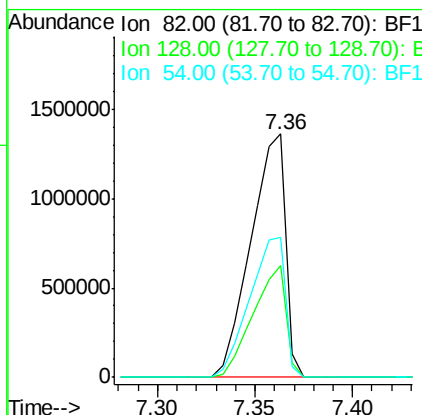
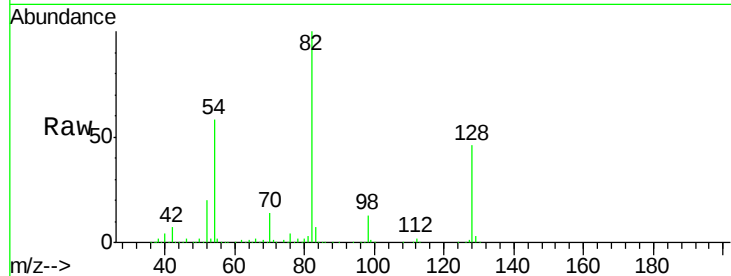


#23
 Nitrobenzene-d5
 Concen: 104.408 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-U-B

Tot Ion: 82 Resp: 1674853

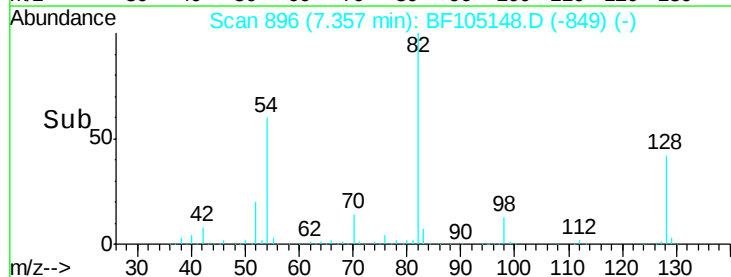
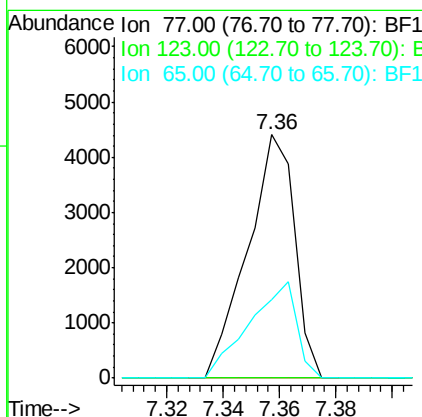
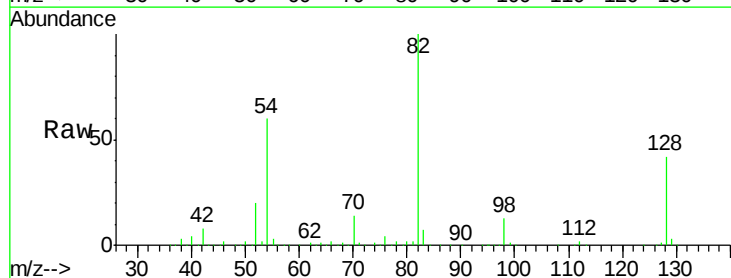
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	57.7	41.4	62.2

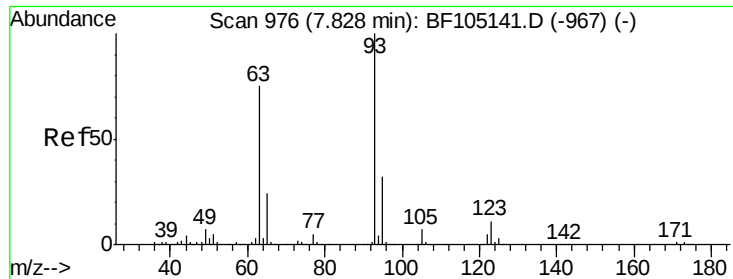


#24
 Nitrobenzene
 Concen: 0.280 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

Tgt Ion: 77 Resp: 5090

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	32.5	11.0	16.4#

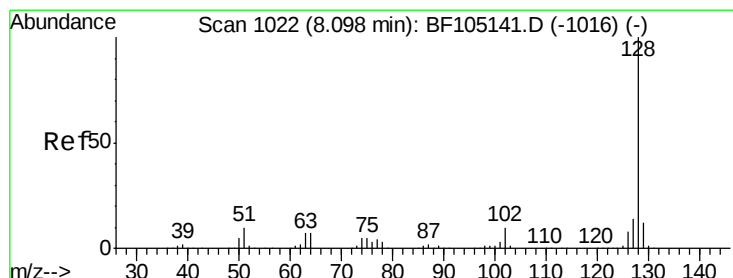
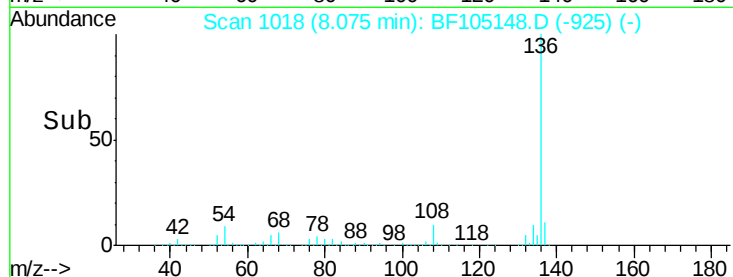
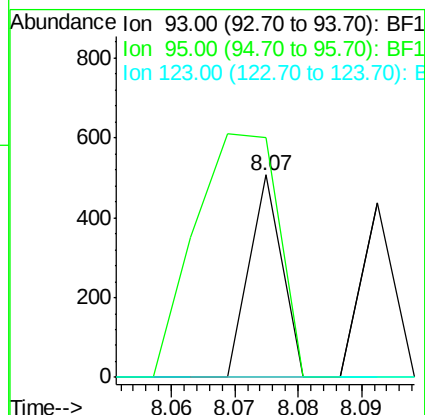
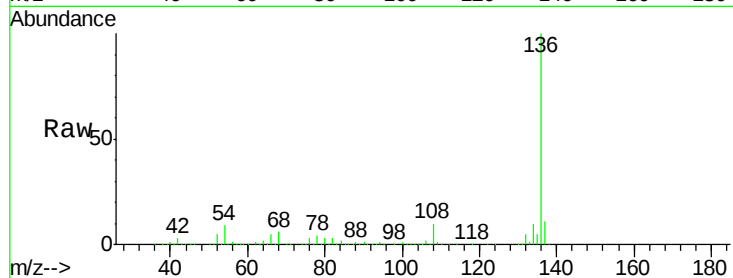




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.25 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

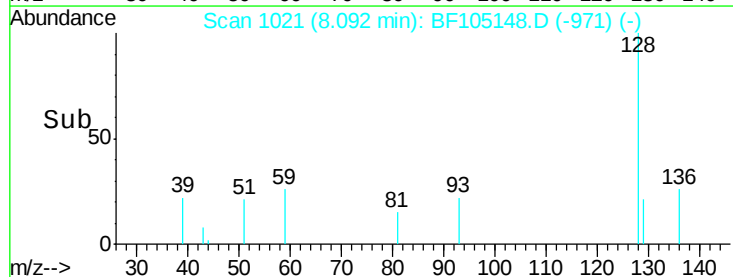
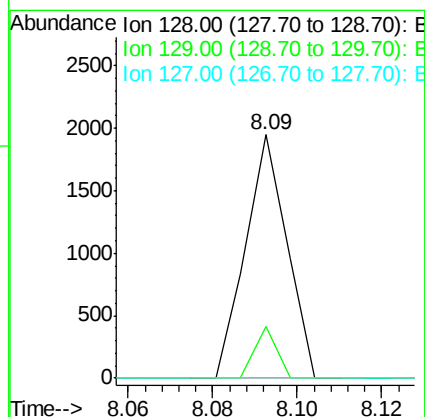
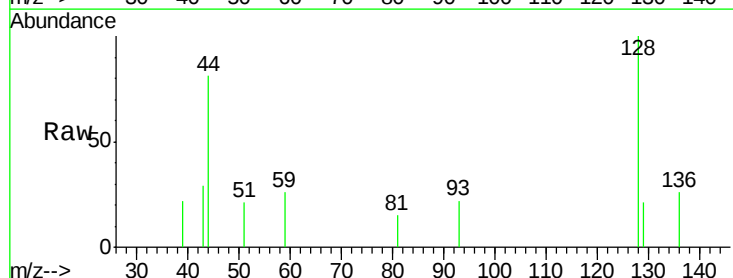
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

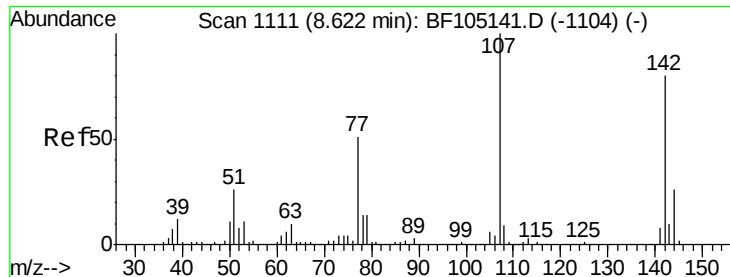
Tot Ion: 93 Resp: 179
Ion Ratio Lower Upper
93 100
95 118.5 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.025 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion: 128 Resp: 1320
Ion Ratio Lower Upper
128 100
129 21.4 8.8 13.2#
127 0.0 10.9 16.3#

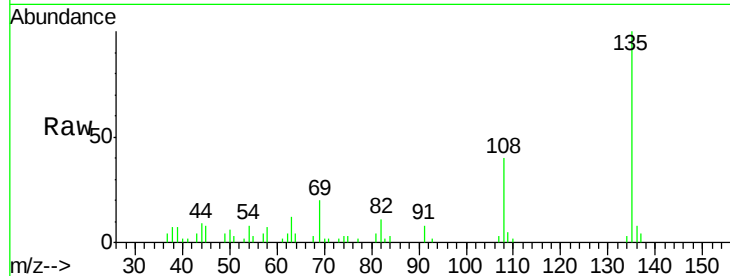




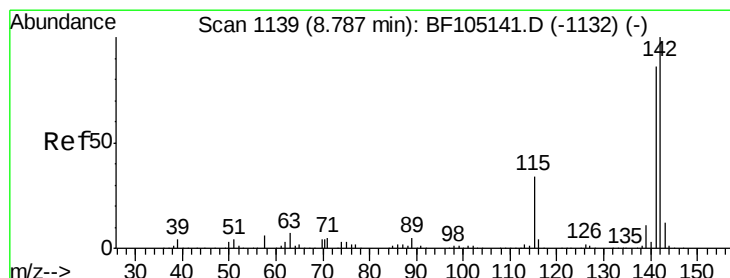
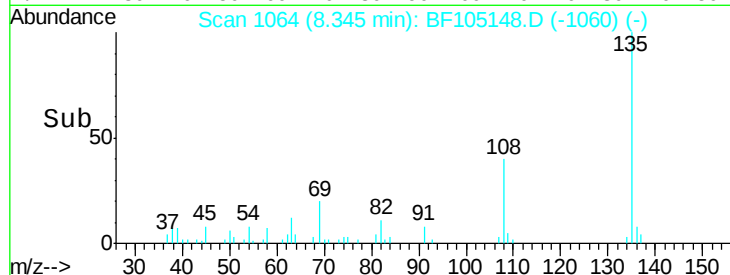
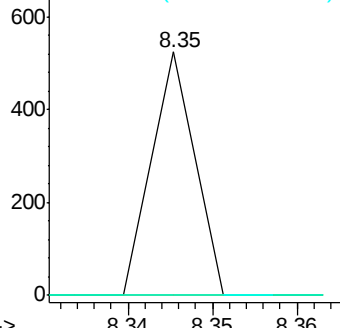
#36
 4-Chloro-3-methylphenol
 Concen: 0.012 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.28 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-U-B

Tot Ion:107 Resp: 185
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#

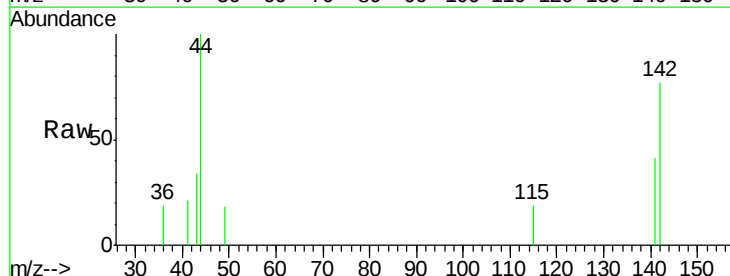


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

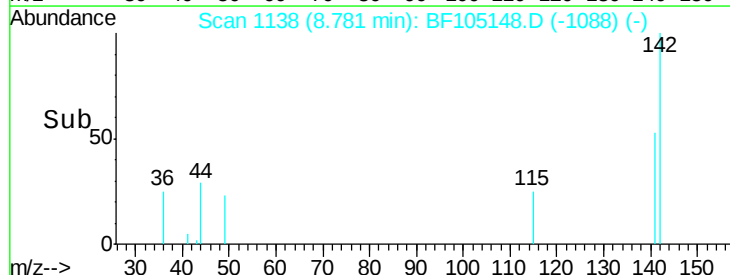
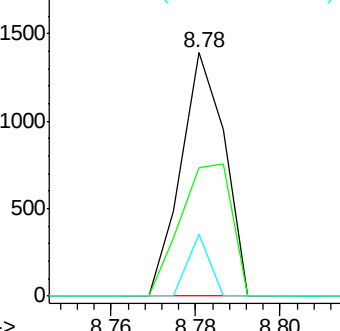


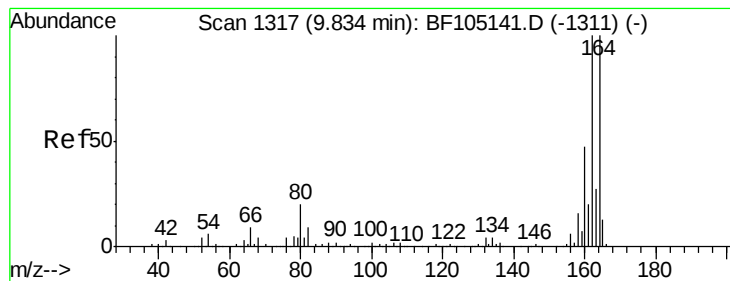
#37
 2-Methylnaphthalene
 Concen: 0.027 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

Tgt Ion:142 Resp: 1001
 Ion Ratio Lower Upper
 142 100
 141 52.9 70.8 106.2#
 115 25.4 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: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

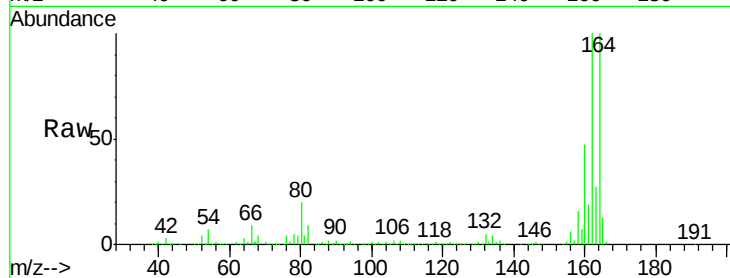
Tot Ion:164 Resp: 539744

Ion Ratio Lower Upper

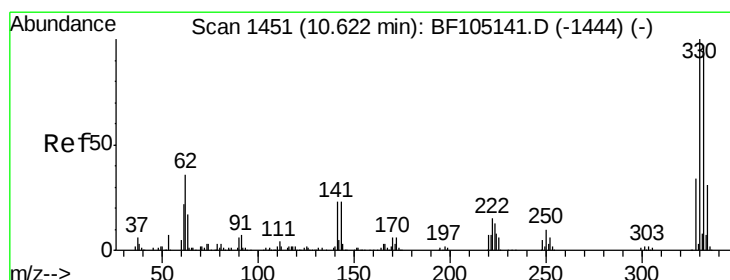
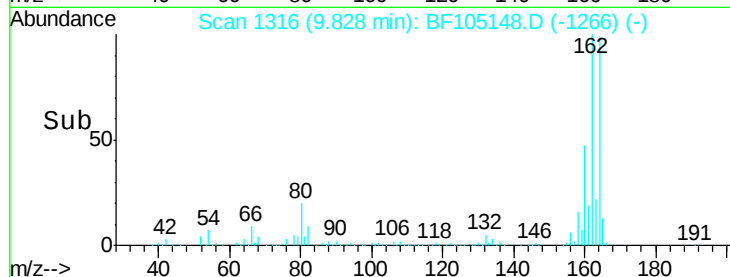
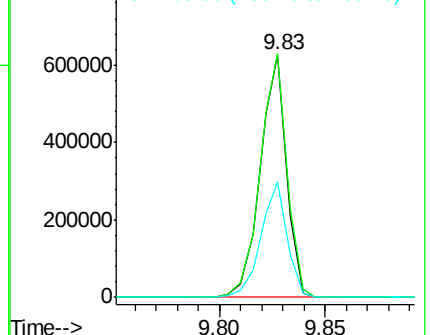
164 100

162 100.2 86.1 129.1

160 47.5 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: 102.860 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

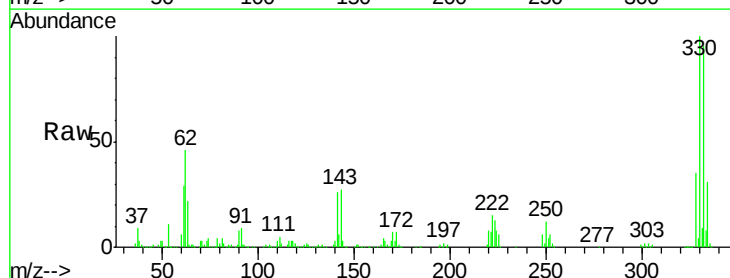
Tgt Ion:330 Resp: 612519

Ion Ratio Lower Upper

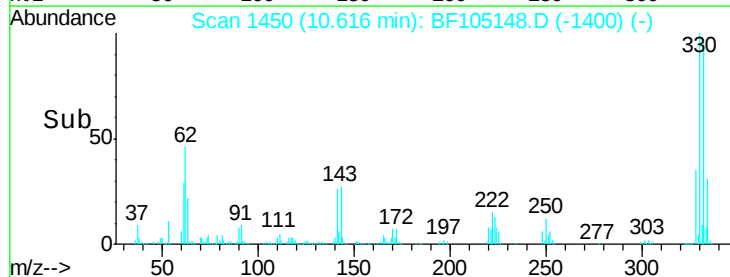
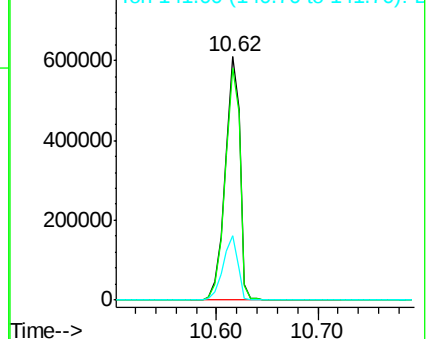
330 100

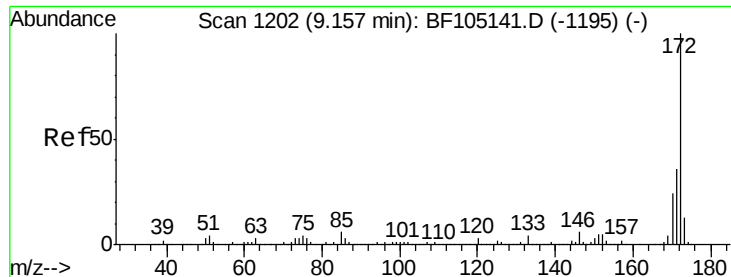
332 96.0 77.0 115.6

141 26.6 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

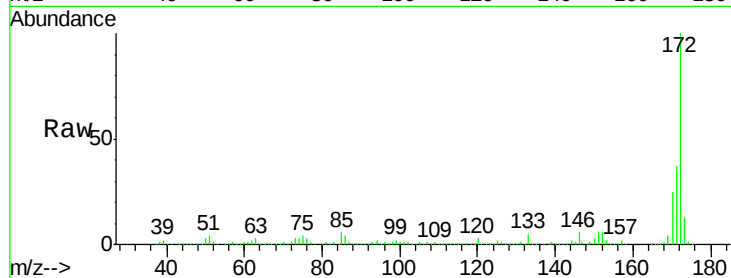




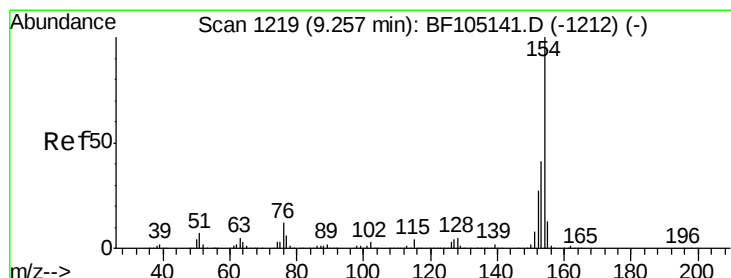
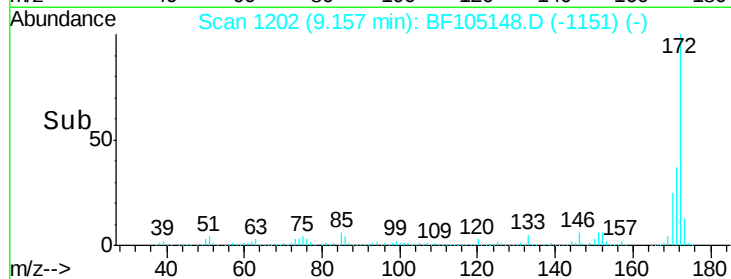
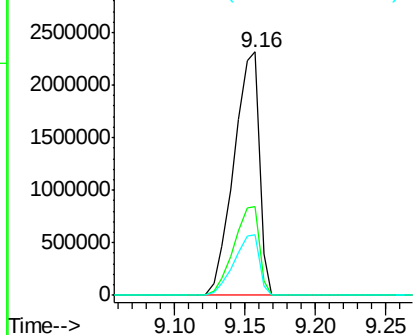
#44
2-Fluorobiphenyl
Concen: 83.338 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

Tot Ion:172 Resp: 2898067
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.8 19.6 29.4

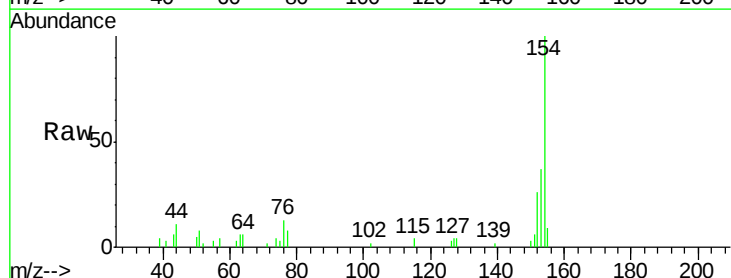


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

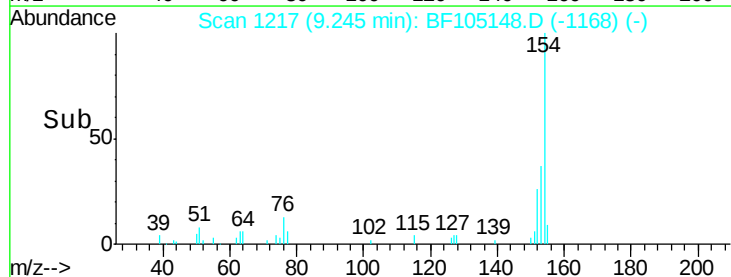
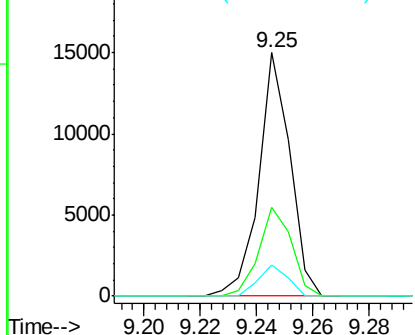


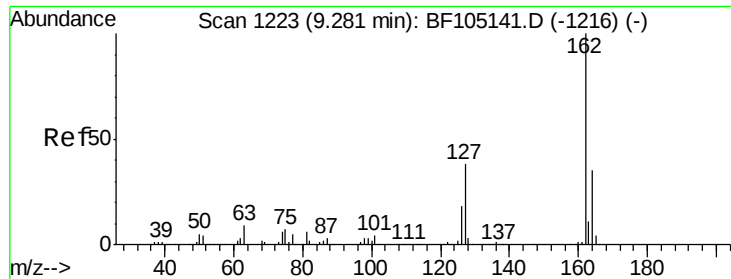
#45
1,1'-Biphenyl
Concen: 0.261 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion:154 Resp: 11499
Ion Ratio Lower Upper
154 100
153 36.6 21.3 61.3
76 12.7 0.0 34.0



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

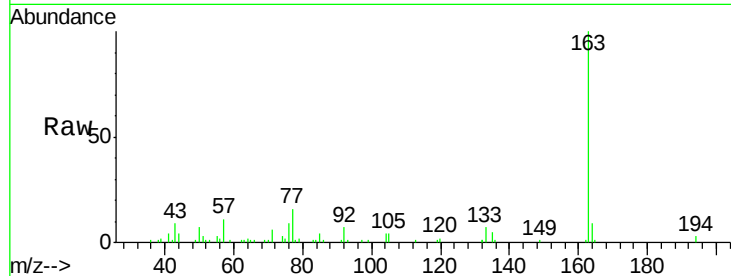




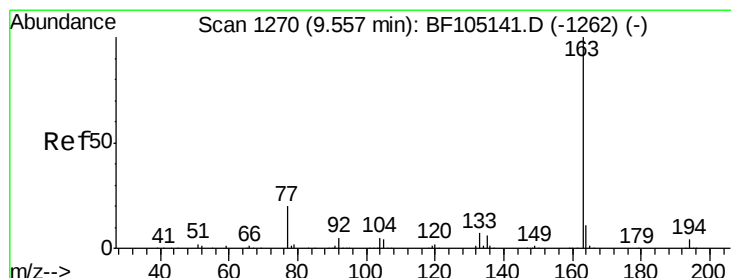
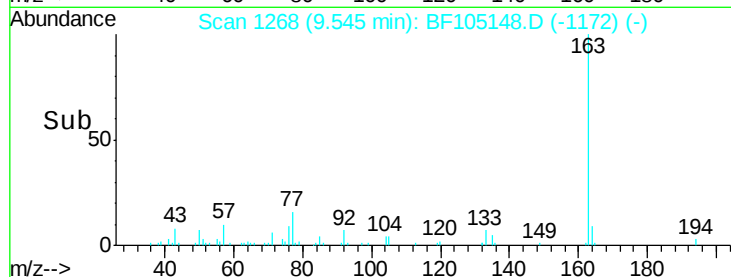
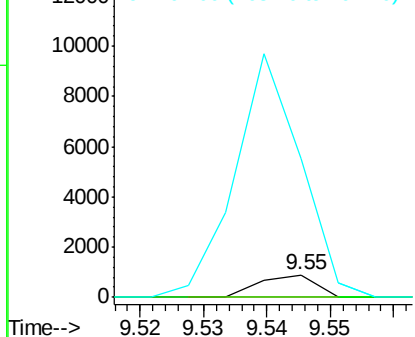
#46
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.26 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

Tot Ion:162 Resp: 551
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 623.1 26.5 39.7#

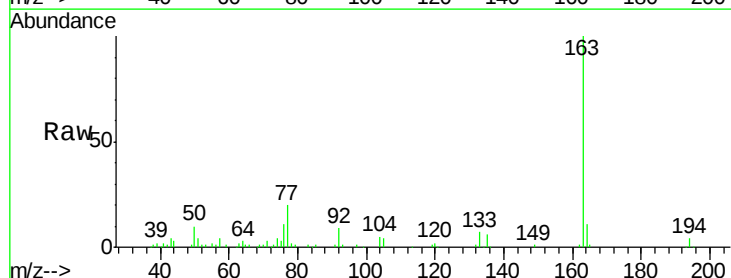


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

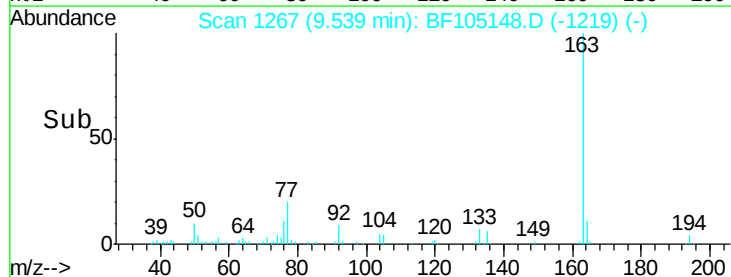
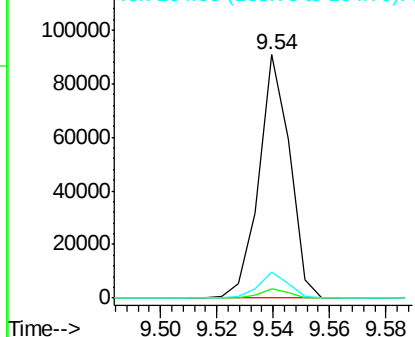


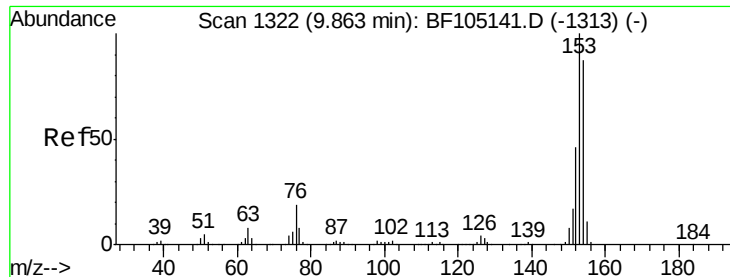
#49
Dimethylphthalate
Concen: 1.880 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion:163 Resp: 68693
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 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: 0.005 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

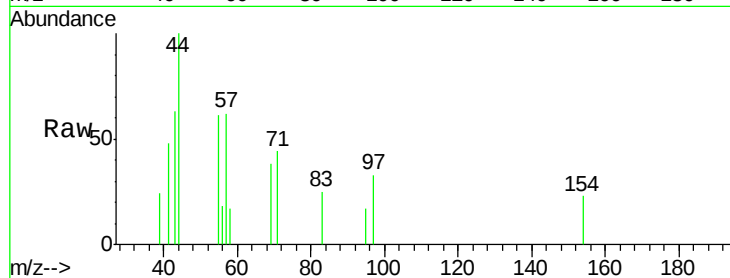
Tot Ion:154 Resp: 148

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

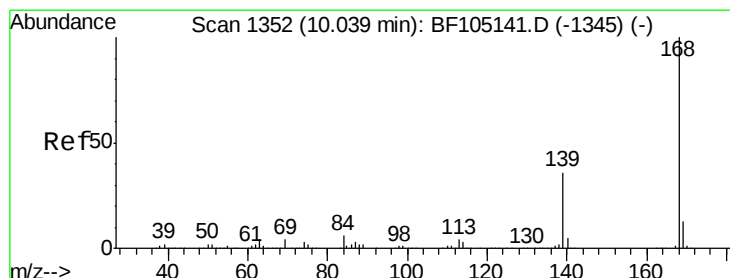
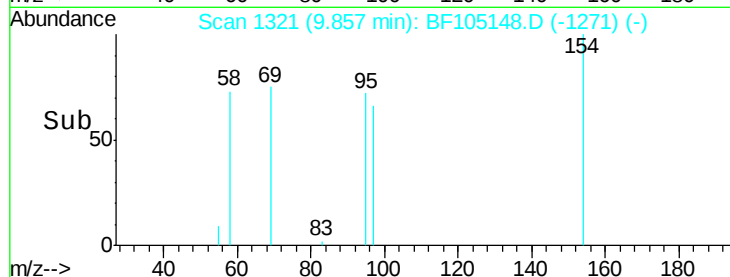
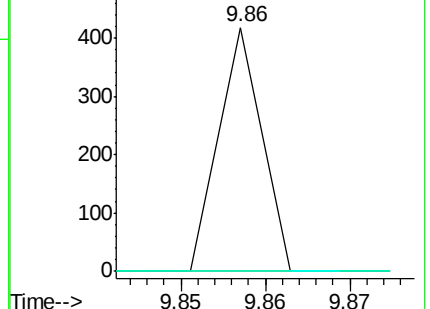
152 0.0 43.8 65.8#



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



#54

Dibenzofuran

Concen: 0.007 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

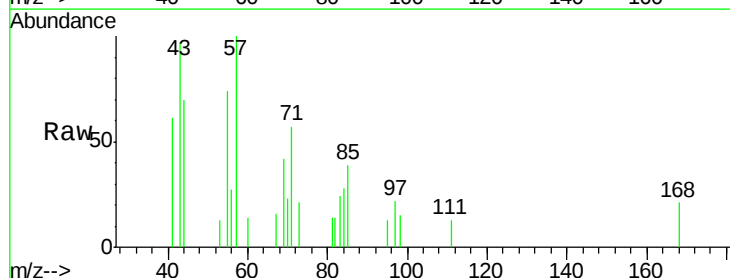
Tgt Ion:168 Resp: 322

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

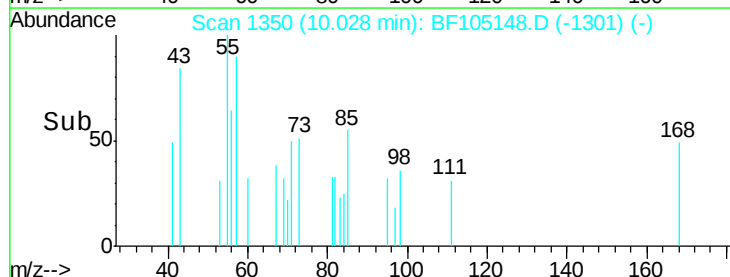
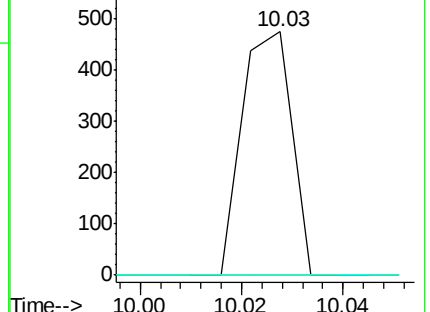
169 0.0 10.9 16.3#

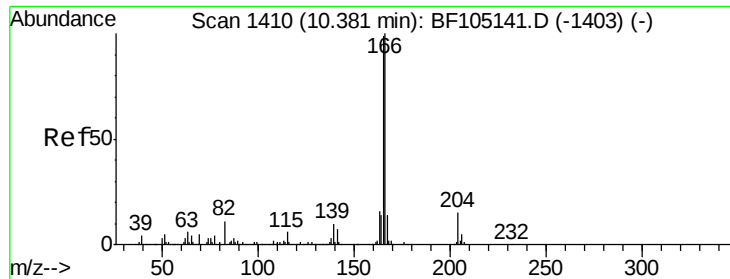


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.644 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.24 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

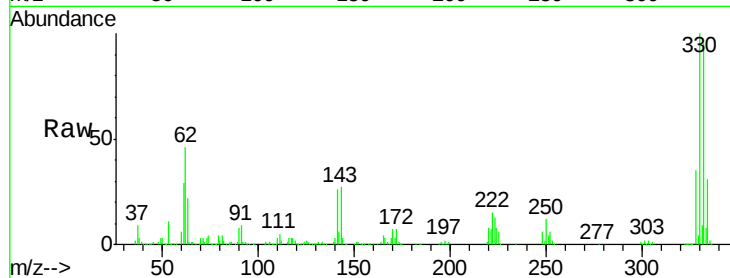
Tot Ion:166 Resp: 22586

Ion Ratio Lower Upper

166 100

165 103.6 79.8 119.8

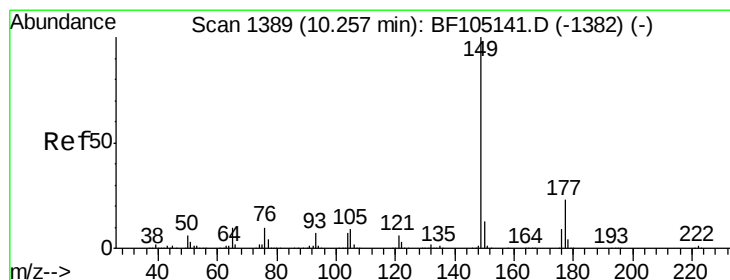
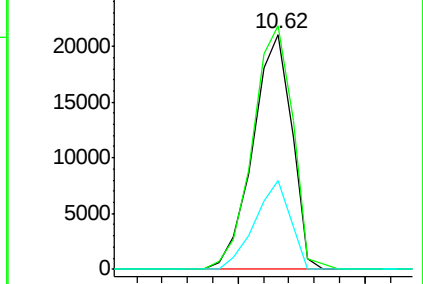
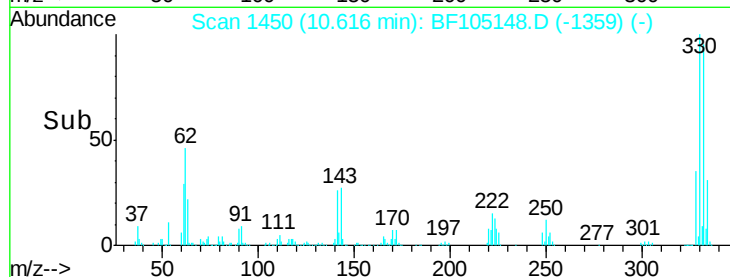
167 37.7 10.6 16.0#



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: 0.195 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

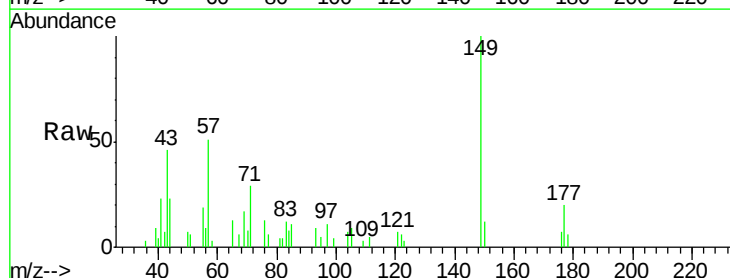
Tgt Ion:149 Resp: 7015

Ion Ratio Lower Upper

149 100

177 20.4 16.1 24.1

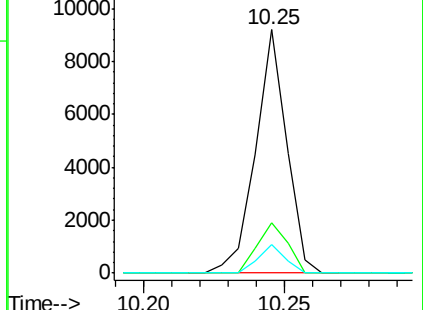
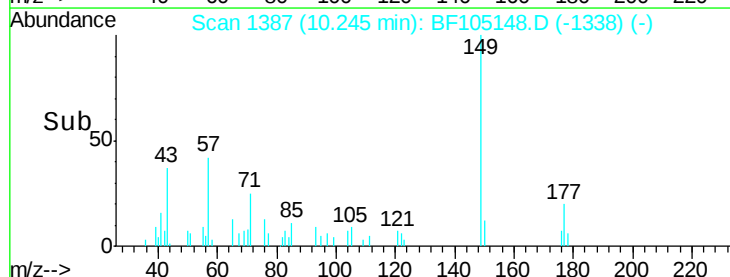
150 11.9 10.1 15.1

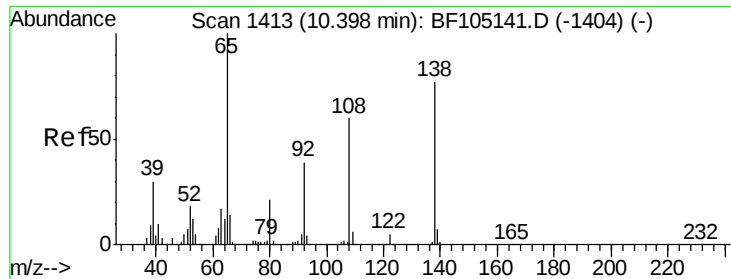


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

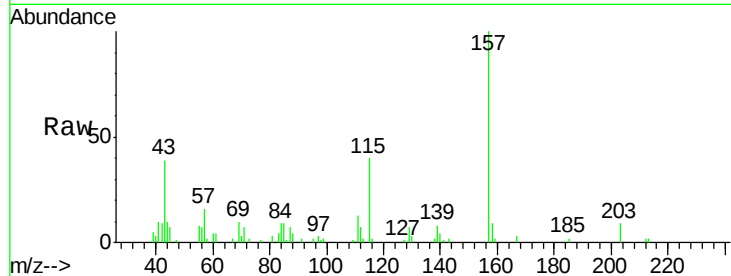




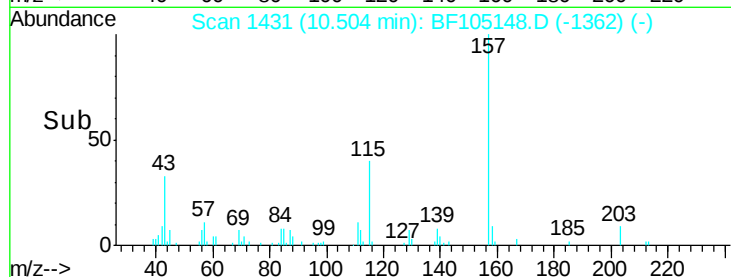
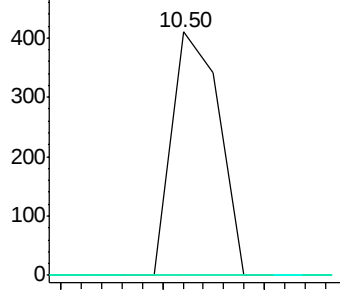
#61
4-Nitroaniline
Concen: 0.032 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.11 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

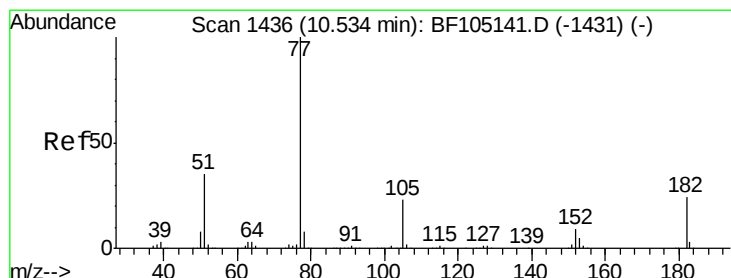
Tot Ion:138 Resp: 265
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



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

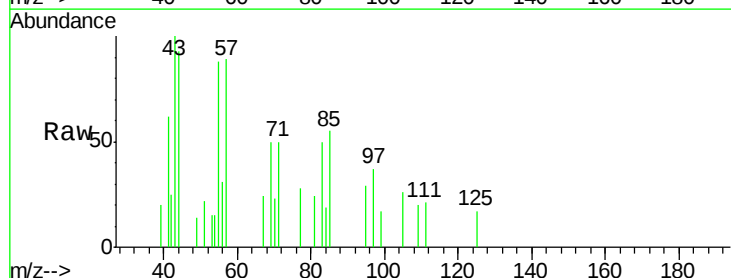


Time-->

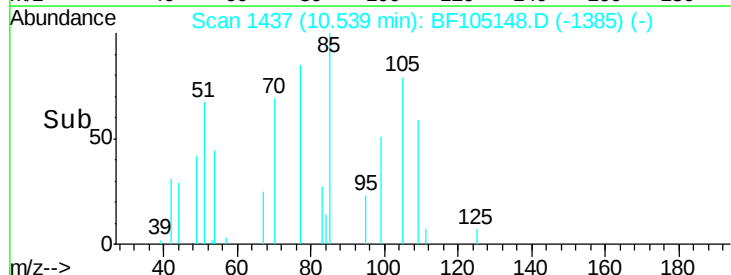
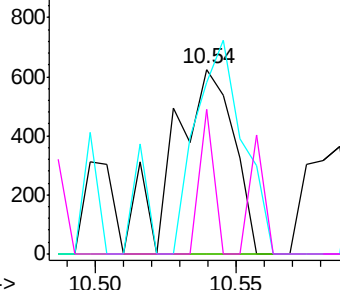


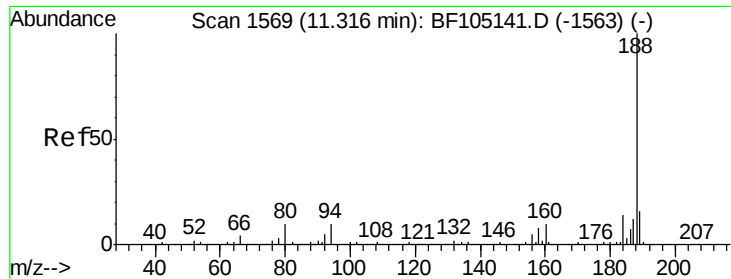
#62
Azobenzene
Concen: 0.025 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion: 77 Resp: 944
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 92.7 3.0 43.0#
51 78.3 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

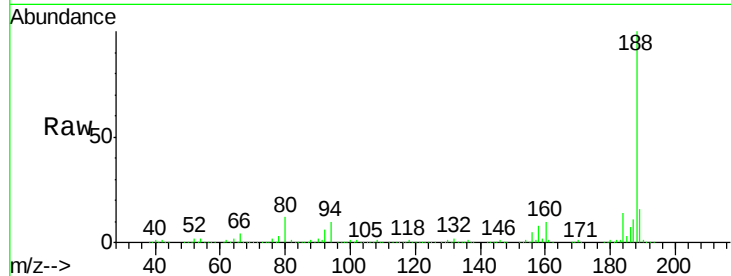




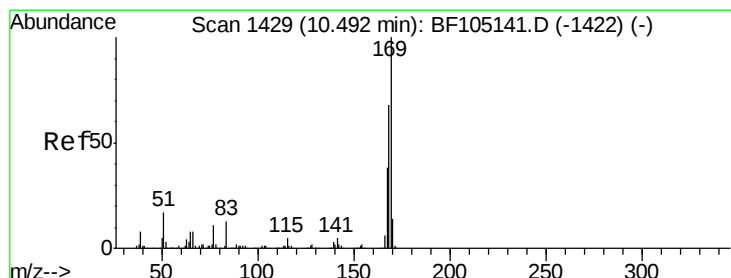
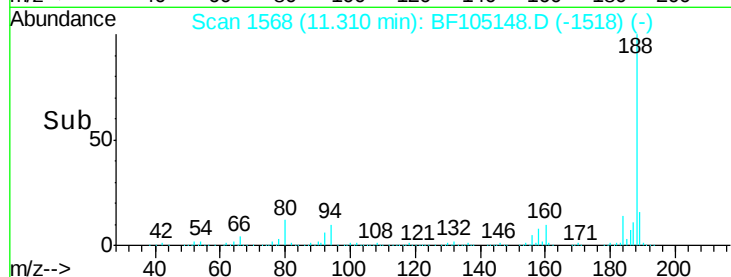
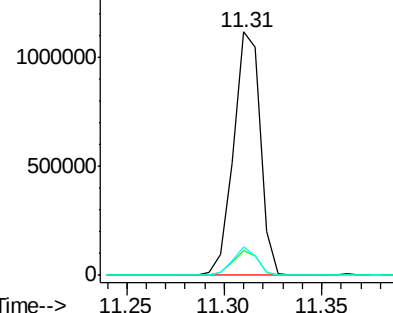
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

Tot Ion:188 Resp: 1064156
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8

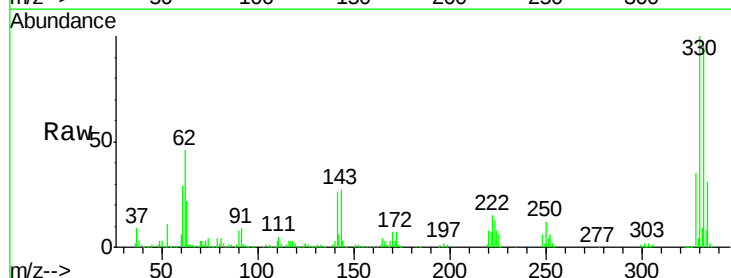


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

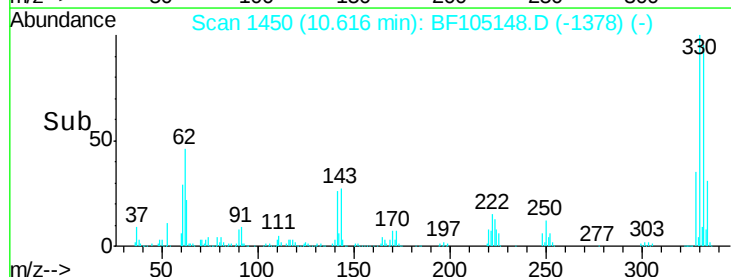
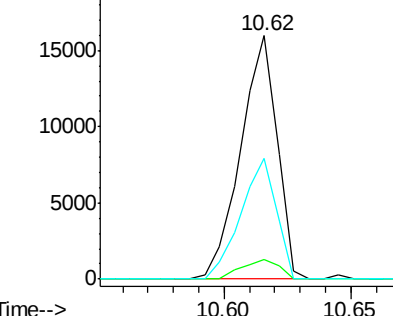


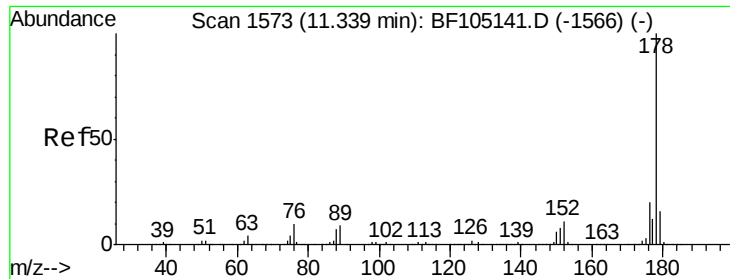
#65
n-Nitrosodiphenylamine
Concen: 0.484 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion:169 Resp: 16071
Ion Ratio Lower Upper
169 100
168 8.1 54.4 81.6#
167 49.8 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: 0.036 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

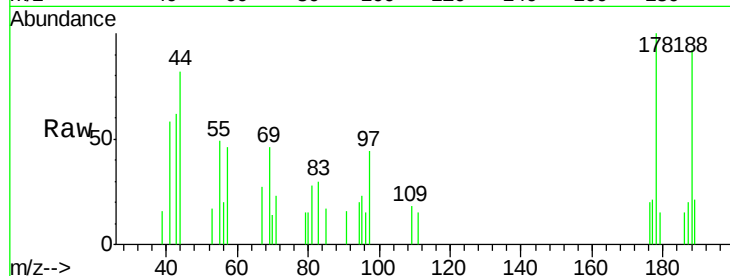
Tot Ion:178 Resp: 2039

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

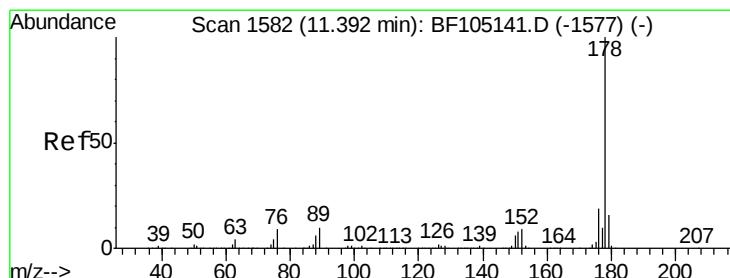
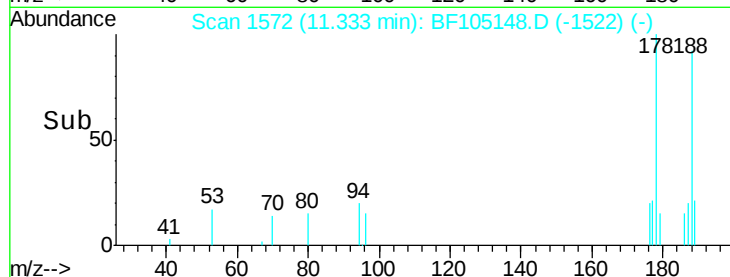
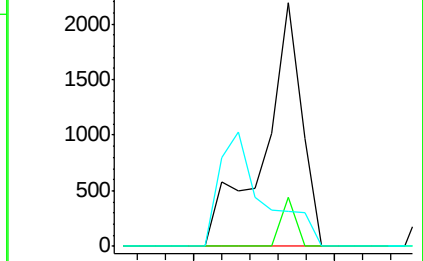
179 14.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.036 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.06 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

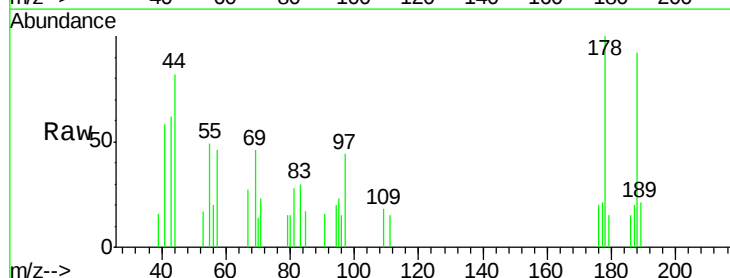
Tgt Ion:178 Resp: 2039

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.2

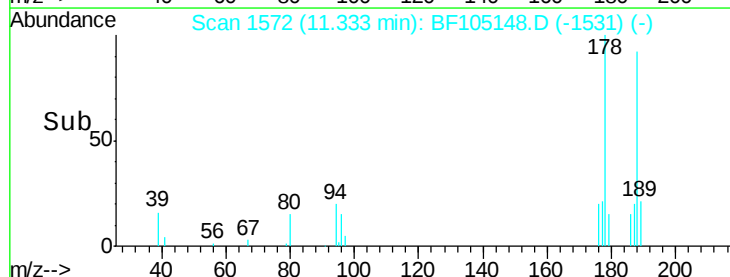
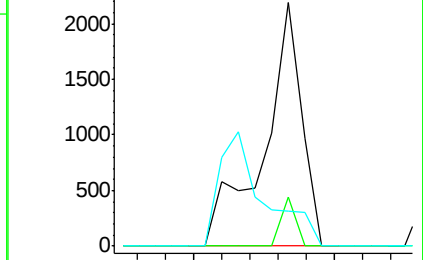
179 14.6 12.6 19.0

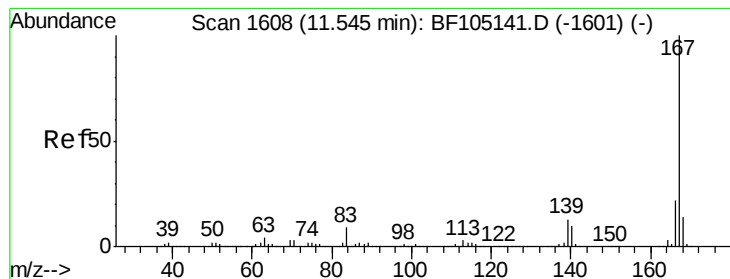


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.006 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

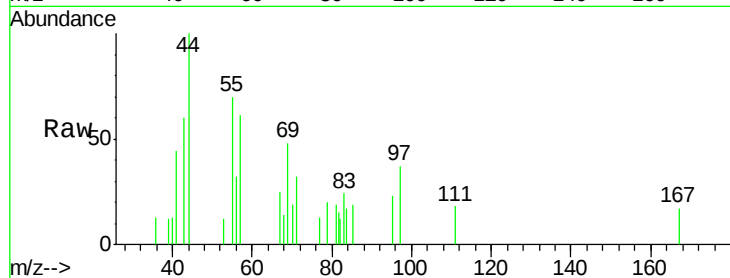
Tot Ion:167 Resp: 307

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

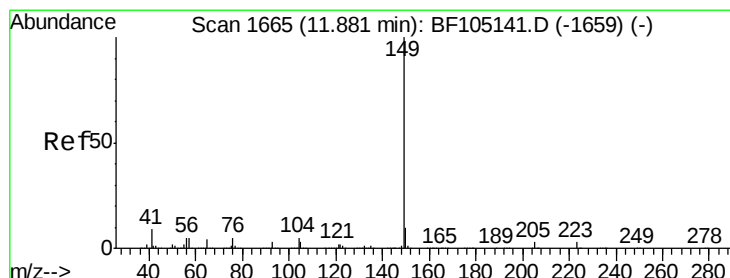
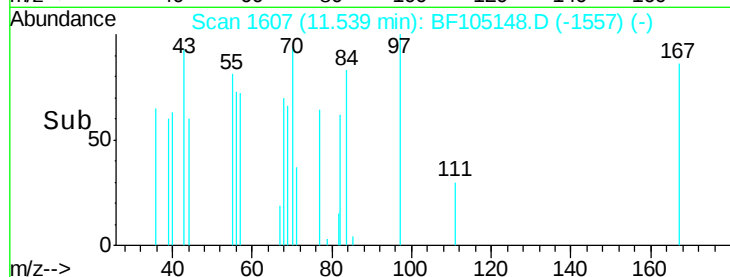
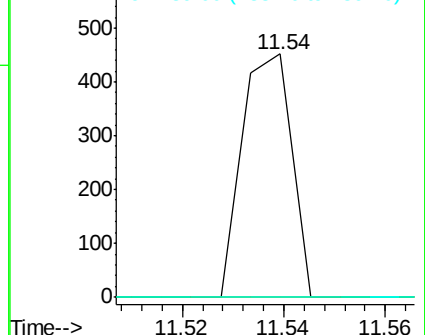
139 0.0 10.9 16.3#



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: 0.045 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

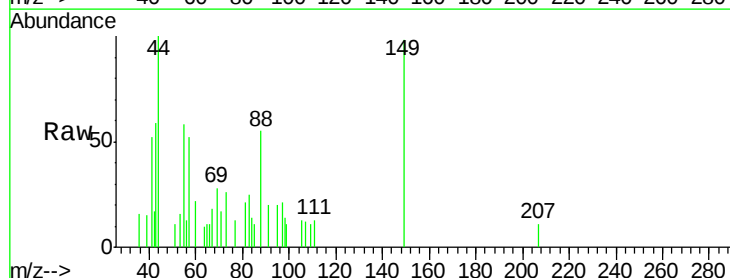
Tgt Ion:149 Resp: 2470

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

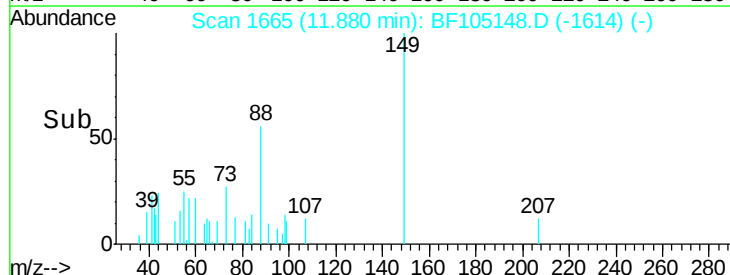
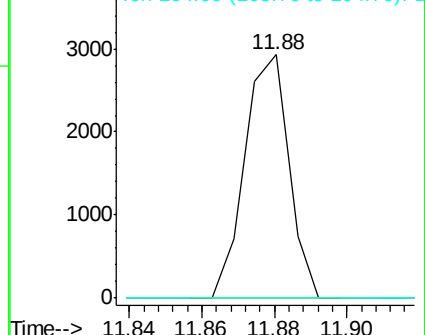
104 0.0 3.8 5.8#

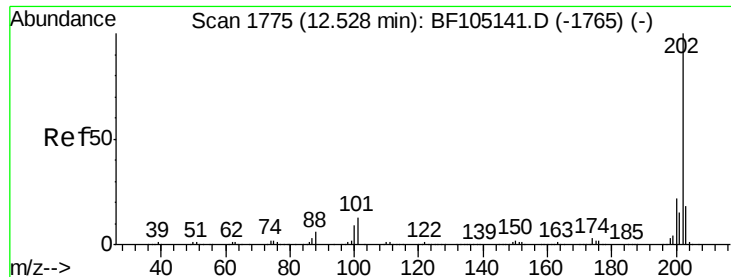


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

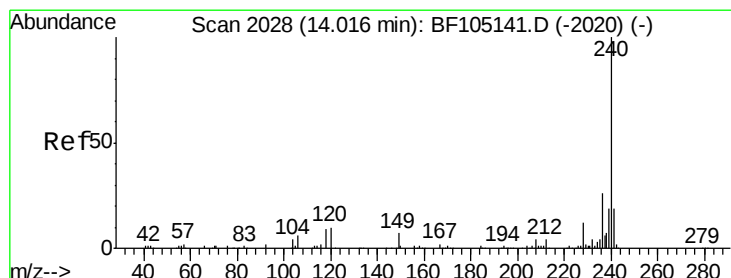
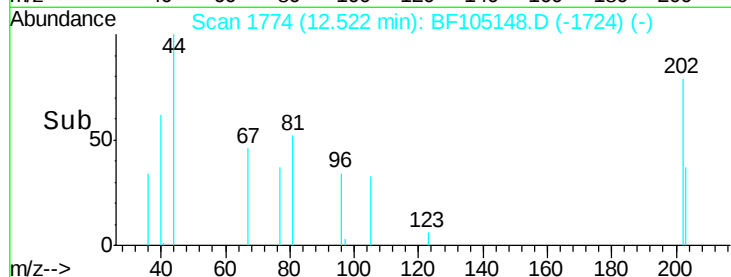
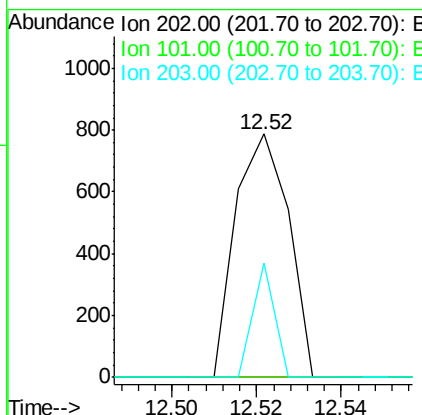
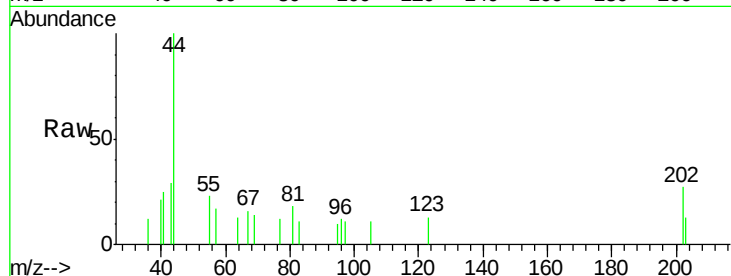




#74
Fluoranthene
Concen: 0.012 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

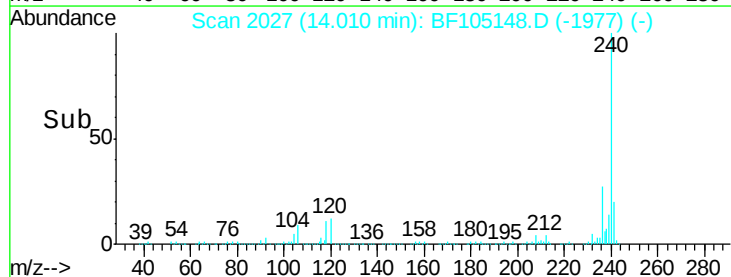
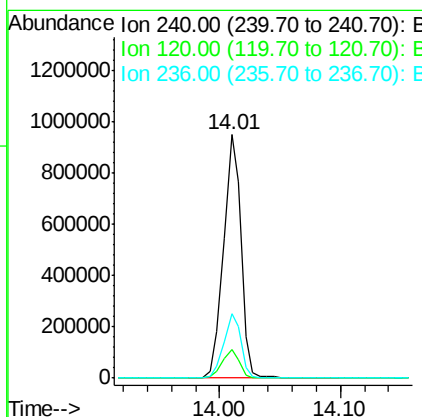
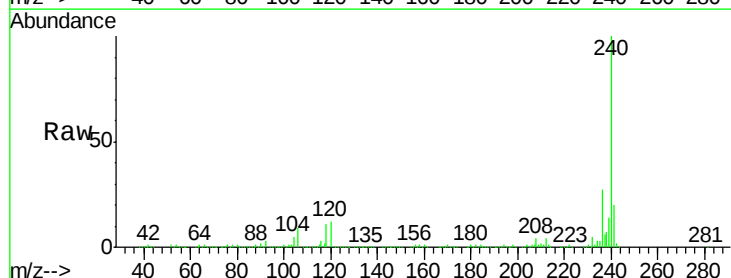
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

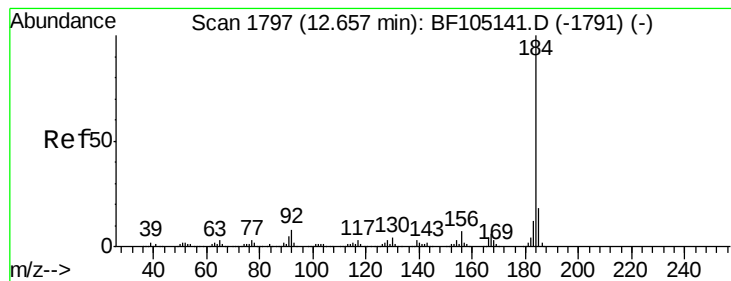
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	47.1	0.0	38.1#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.6	20.7	31.1





#76

Benzidine

Concen: 1.243 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

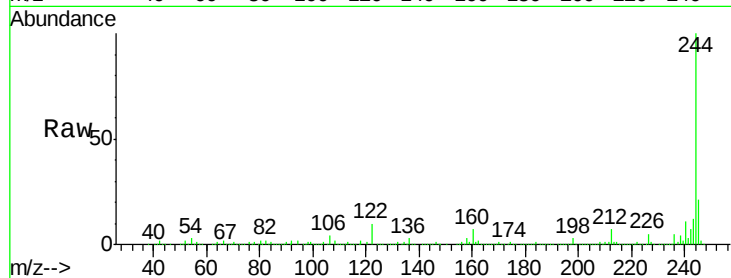
Tot Ion:184 Resp: 44072

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

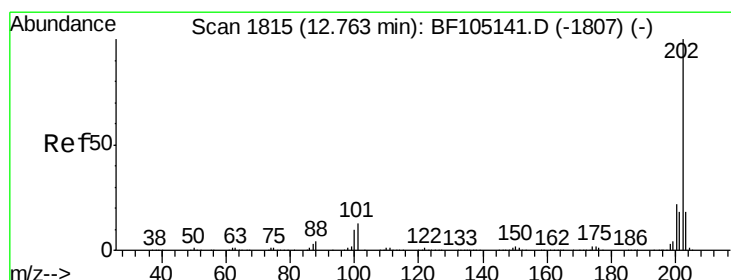
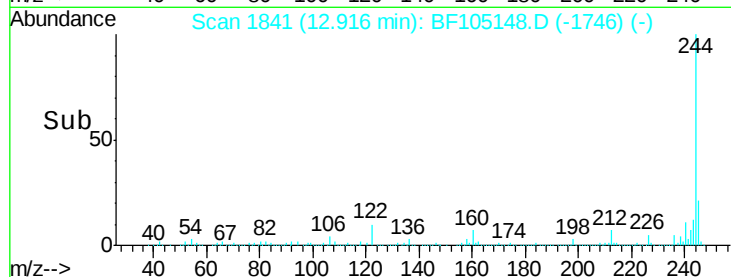
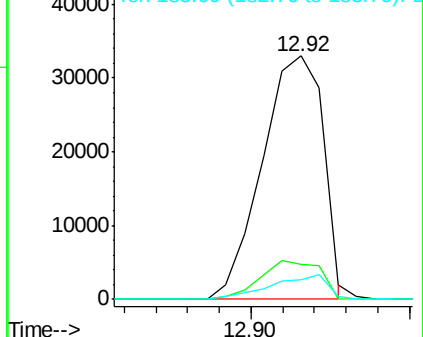
183 8.0 9.3 13.9#



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

Pyrene

Concen: 0.012 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

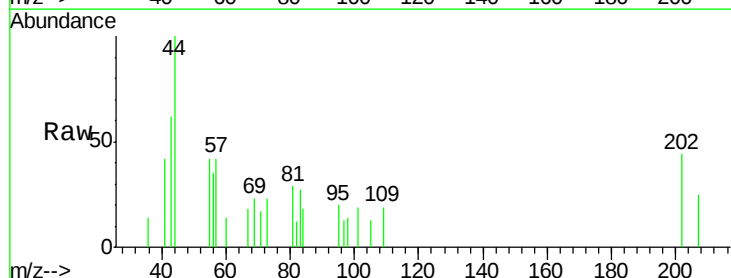
Tgt Ion:202 Resp: 796

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

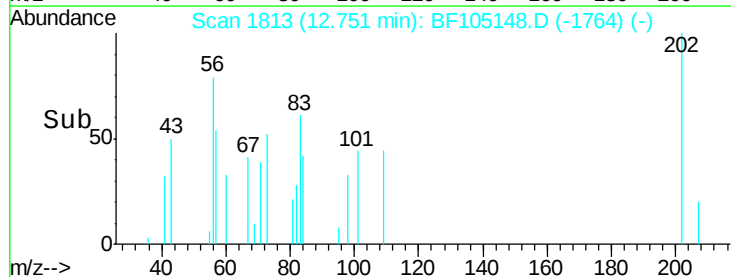
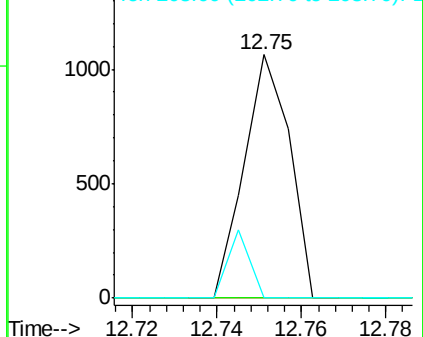
203 0.0 14.3 21.5#

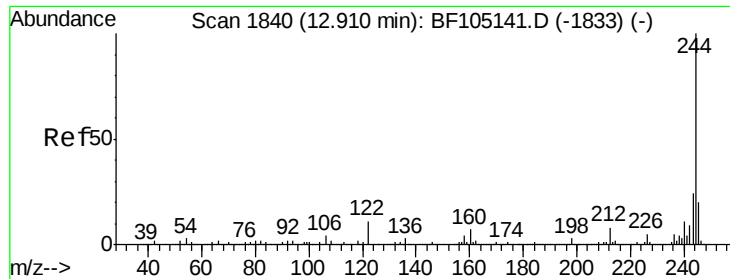


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

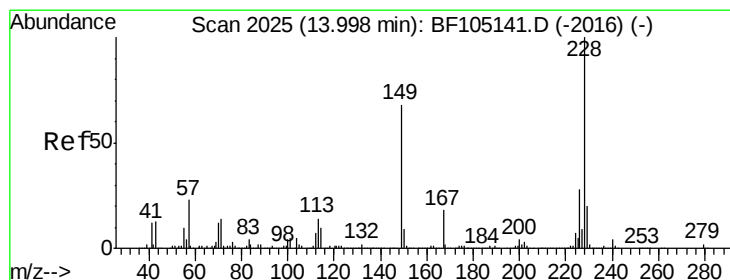
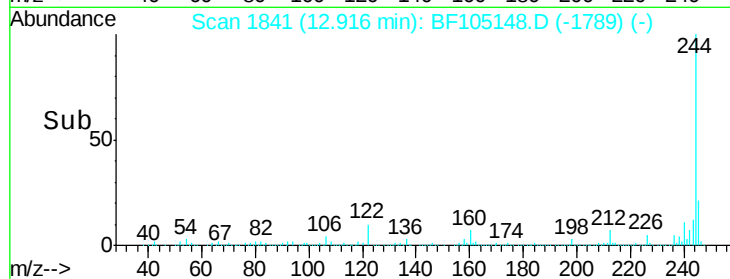
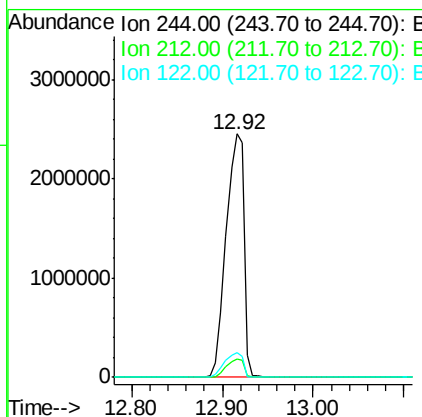
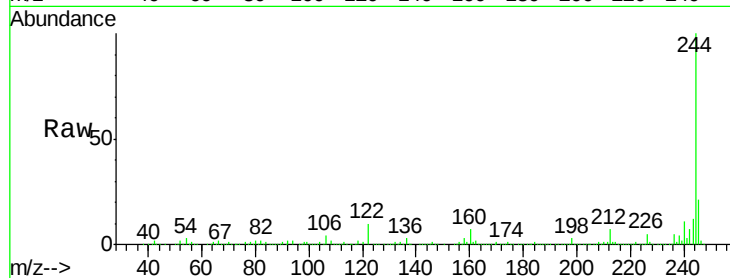




#78
 Terphenyl-d14
 Concen: 81.873 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

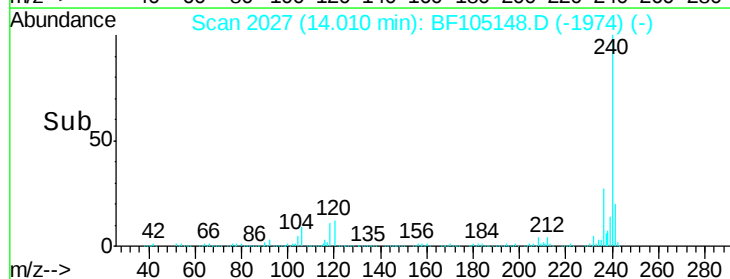
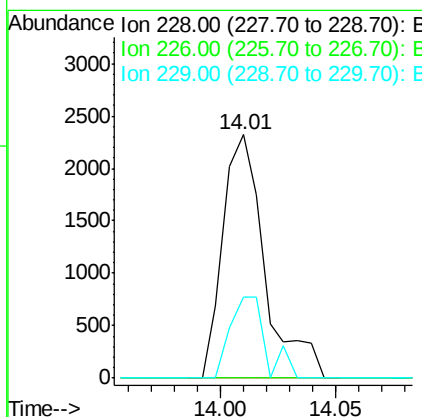
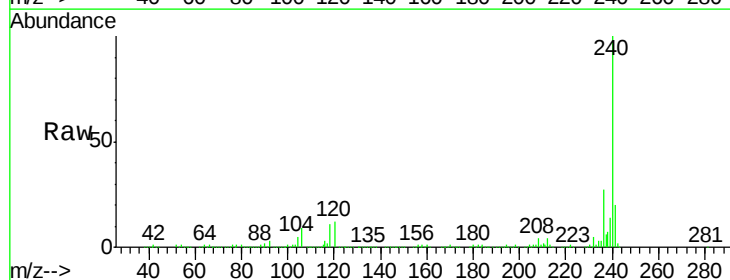
Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-U-B

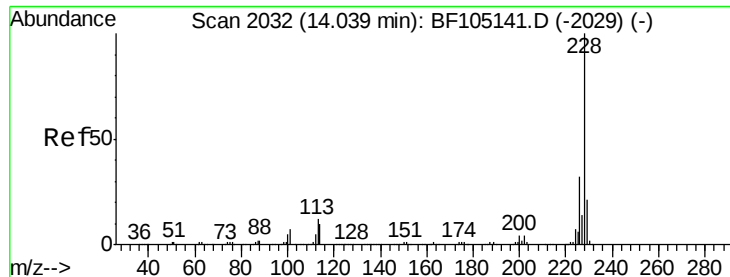
Tot Ion:244 Resp: 3346775
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.2 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF105148.D
 Acq: 8 May 2018 17:14

Tgt Ion:228 Resp: 2938
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.6 33.8#
 229 33.4 15.8 23.6#





#82

Chrysene

Concen: 0.050 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

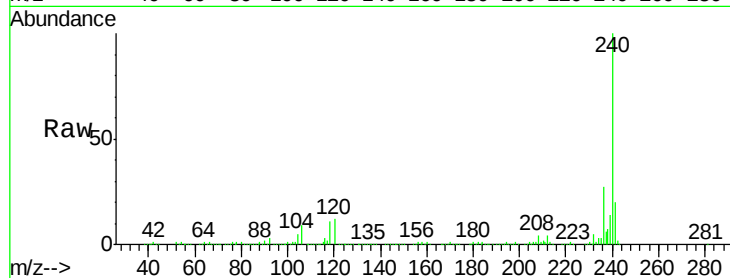
Tot Ion:228 Resp: 2938

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

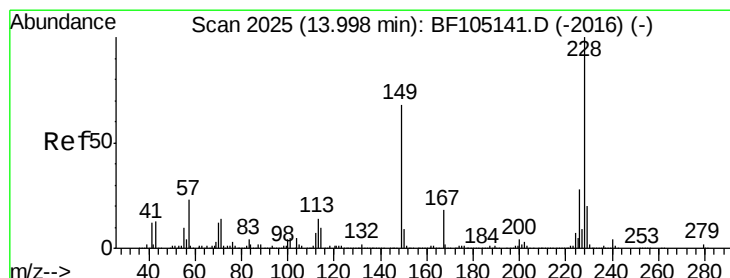
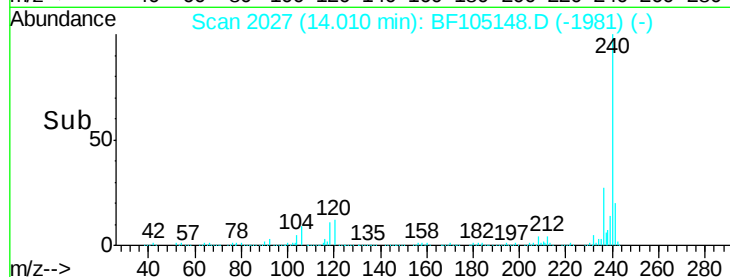
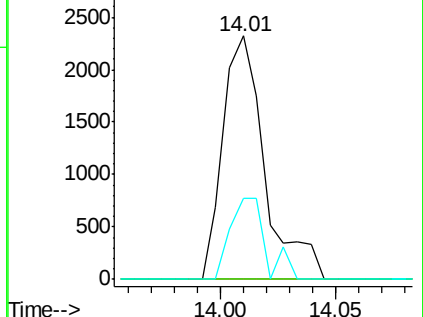
229 33.4 16.2 24.4#



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: 0.079 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

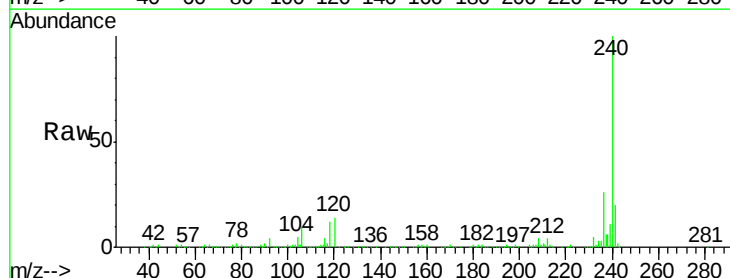
Tgt Ion:149 Resp: 2256

Ion Ratio Lower Upper

149 100

167 40.7 21.3 31.9#

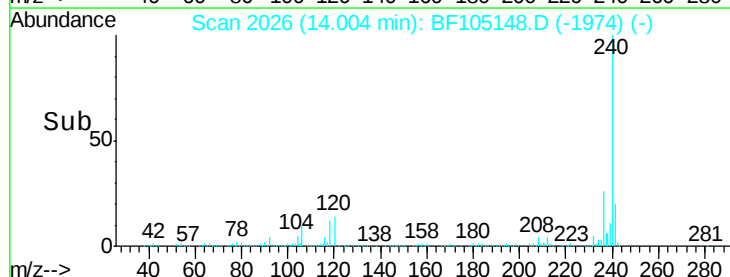
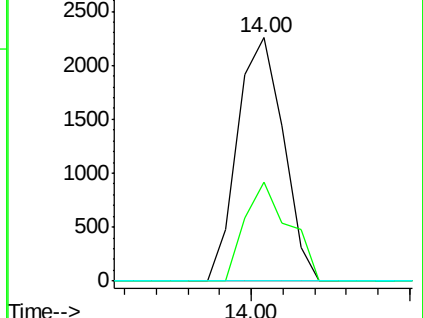
279 0.0 3.0 4.4#

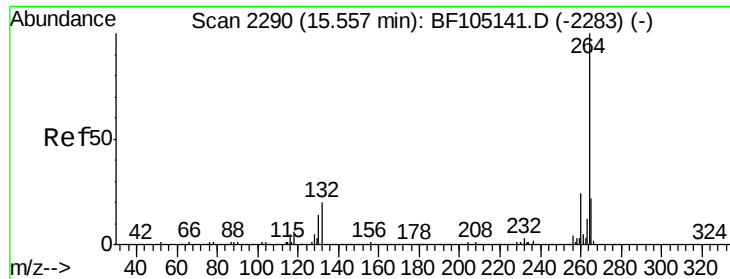


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

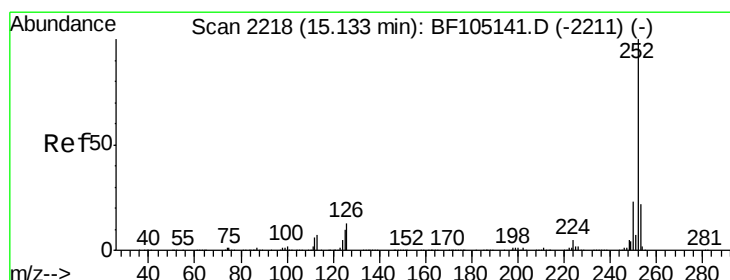
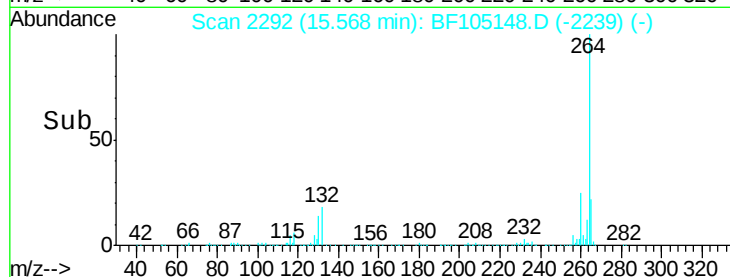
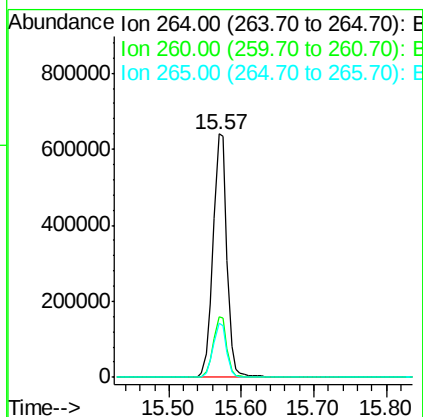
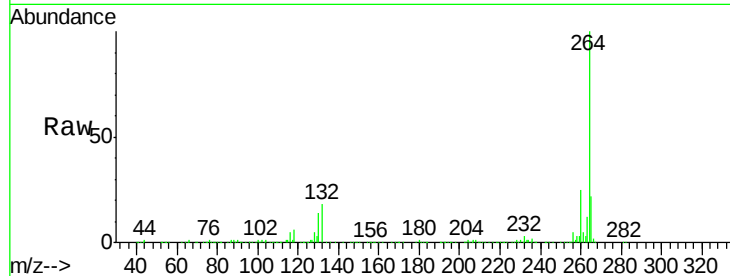




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

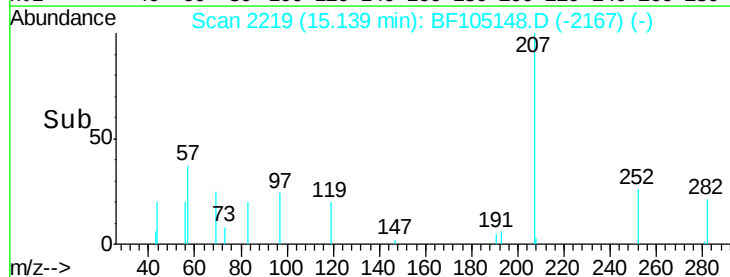
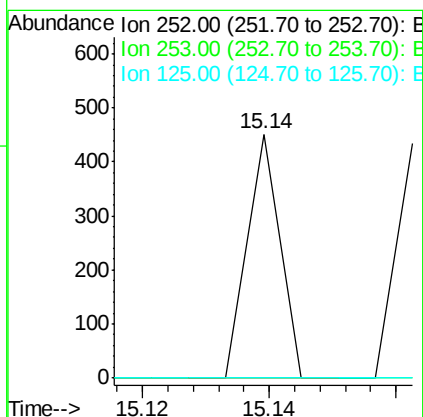
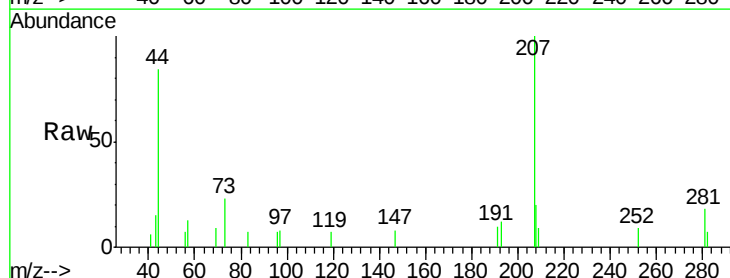
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-U-B

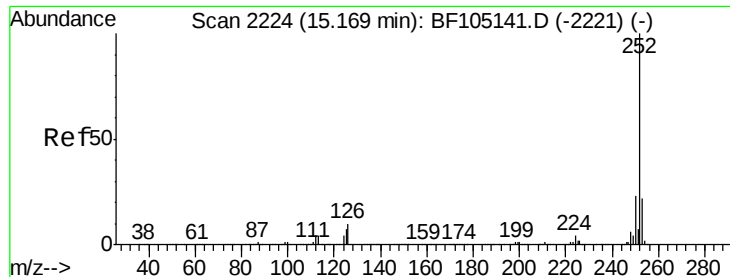
Tot Ion:264 Resp: 855554
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF105148.D
Acq: 8 May 2018 17:14

Tgt Ion:252 Resp: 159
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-U-B

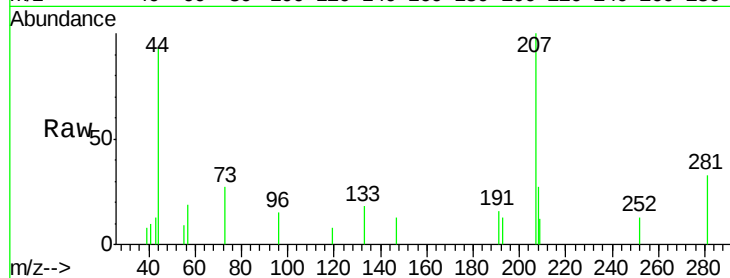
Tot Ion:252 Resp: 446

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

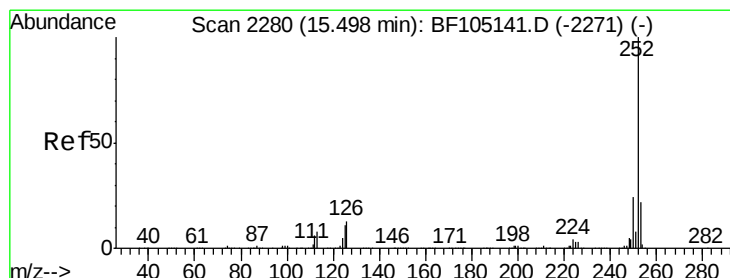
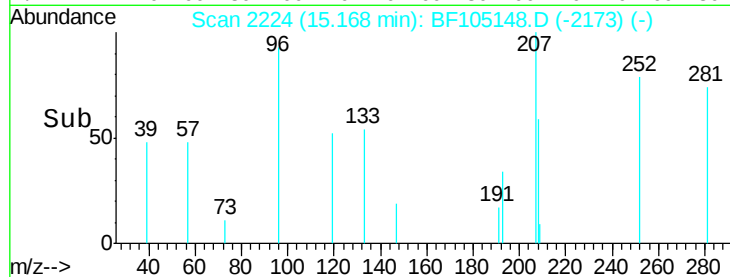
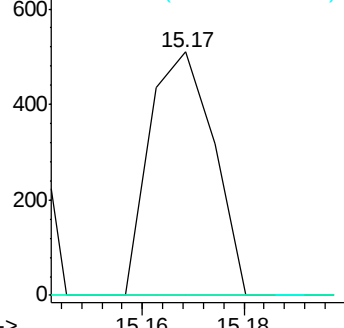
125 0.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.066 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.07 min

Lab File: BF105148.D

Acq: 8 May 2018 17:14

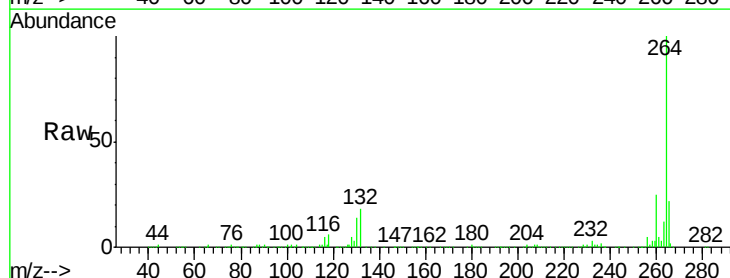
Tgt Ion:252 Resp: 3125

Ion Ratio Lower Upper

252 100

253 41.6 17.1 25.7#

125 21.5 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

