

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105150.D
 Acq On : 8 May 2018 18:06
 Operator : JU/SJ
 Sample : J2683-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 08 19:15:30 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	241883	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	959145	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	472725	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	932522	20.00	ng	0.00
75) Chrysene-d12	14.00	240	816944	20.00	ng	-0.01
86) Perylene-d12	15.56	264	644378	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	686368	46.75	ng	0.00
7) Phenol-d6	6.41	99	536362	30.68	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1507047	106.49	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	536122	102.79	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2636668	86.57	ng	0.00
78) Terphenyl-d14	12.92	244	2950037	83.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	107	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.05	42	124	0.012	ng	# 29
6) Aniline	6.42	93	463	0.018	ng	# 1
8) 2-Chlorophenol	6.57	128	279	0.018	ng	# 47
9) Benzaldehyde	6.41	77	1245	0.093	ng	# 1
10) Phenol	6.42	94	22495	1.156	ng	# 97
11) bis(2-Chloroethyl)ether	6.56	93	1693	0.106	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	504	0.027	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	504	0.027	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	504	0.029	ng	# 1
15) Benzyl Alcohol	6.95	79	24422	1.825	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	7.10	45	130	0.004	ng	# 70
17) 2-Methylphenol	6.95	107	122	0.009	ng	# 1
20) 3+4-Methylphenols	6.95	107	122	0.008	ng	# 1
22) Acetophenone	7.19	105	325	0.015	ng	# 16
24) Nitrobenzene	7.36	77	5018	0.313	ng	# 31
27) 2,4-Dimethylphenol	7.74	122	196	0.014	ng	# 4
28) bis(2-Chloroethoxy)methane	8.07	93	256	0.013	ng	# 1
31) Naphthalene	8.09	128	888	0.019	ng	# 68
36) 4-Chloro-3-methylphenol	8.35	107	283	0.021	ng	# 20
37) 2-Methylnaphthalene	8.79	142	339	0.011	ng	# 15
45) 1,1'-Biphenyl	9.25	154	9877	0.256	ng	# 99
46) 2-Chloronaphthalene	9.54	162	1072	0.037	ng	# 1
49) Dimethylphthalate	9.54	163	103481	3.234	ng	# 99
51) Acenaphthene	9.86	154	110	0.004	ng	# 4
52) 3-Nitroaniline	9.93	138	732	0.100	ng	# 2
54) Dibenzofuran	10.03	168	340	0.008	ng	# 45
57) Fluorene	10.62	166	19474	0.634	ng	# 92
59) Diethylphthalate	10.25	149	10518	0.334	ng	# 88
61) 4-Nitroaniline	10.51	138	137	0.019	ng	# 19
62) Azobenzene	10.54	77	1085	0.033	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	14047	0.483	ng	# 41
70) Phenanthrene	11.33	178	1605	0.033	ng	# 92
71) Anthracene	11.39	178	376	0.008	ng	# 60

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105150.D
 Acq On : 8 May 2018 18:06
 Operator : JU/SJ
 Sample : J2683-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 08 19:15:30 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

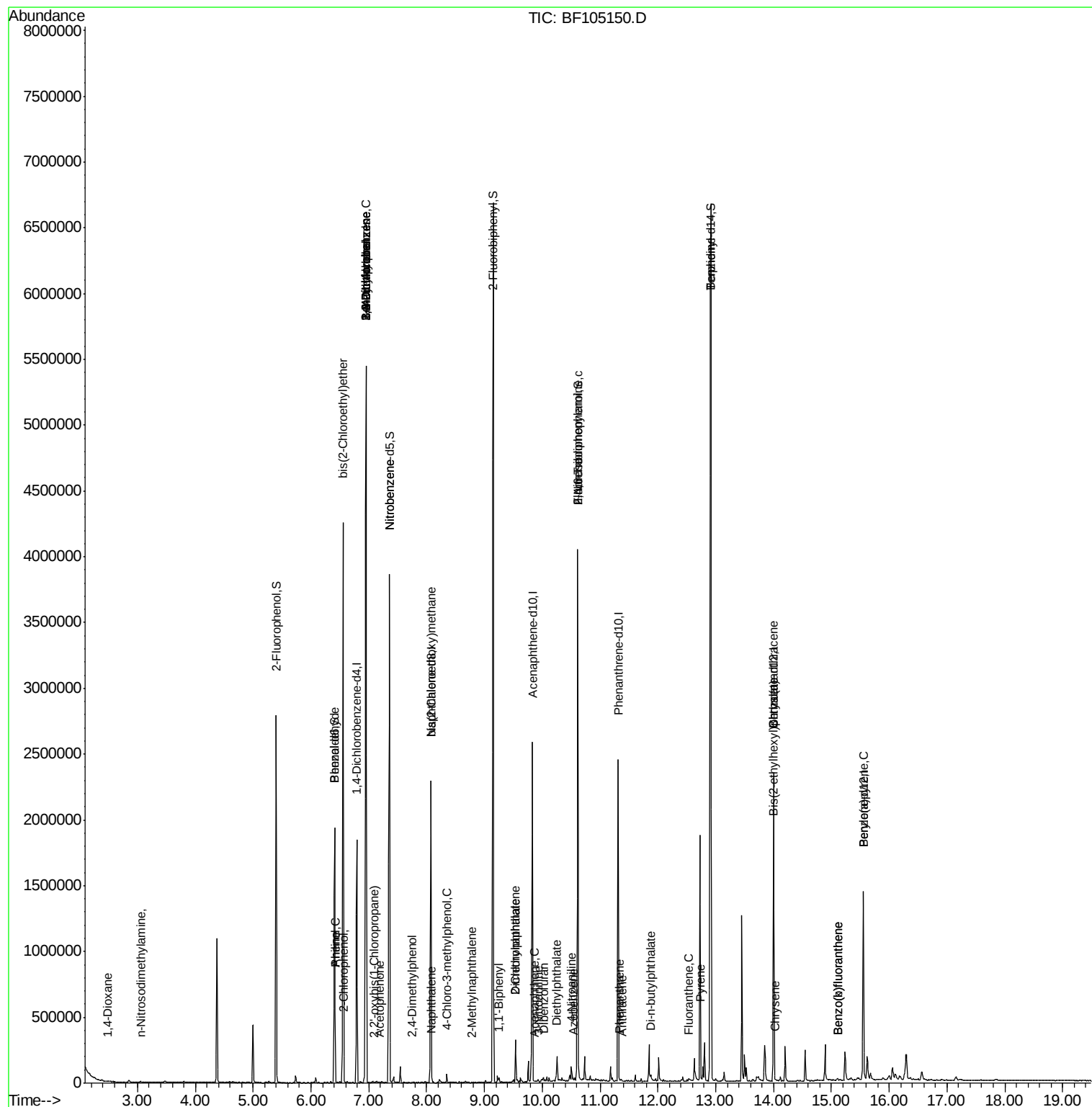
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	11.88	149	9304	0.193	nq	# 92
74) Fluoranthene	12.52	202	639	0.012	nq	62
76) Benizidine	12.91	184	37790	1.239	nq	# 96
77) Pyrene	12.74	202	514	0.009	nq	# 57
80) Benzo(a)anthracene	14.00	228	2284	0.046	nq	# 56
82) Chrysene	14.03	228	107	0.002	nq	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	2886	0.117	nq	# 90
87) Benzo(b)fluoranthene	15.12	252	122	0.003	nq	# 60
88) Benzo(k)fluoranthene	15.12	252	122	0.003	nq	# 59
89) Benzo(a)pvrene	15.55	252	2140	0.060	nq	# 75

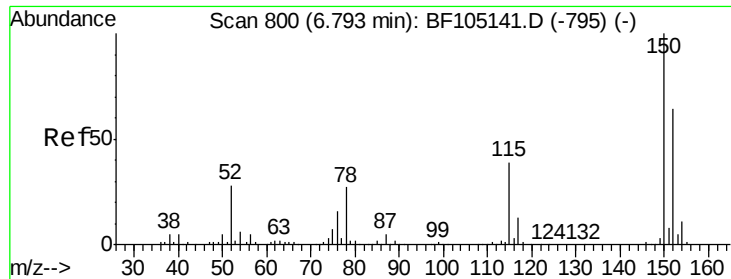
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105150.D
Acq On : 8 May 2018 18:06
Operator : JU/SJ
Sample : J2683-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 08 19:15:30 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



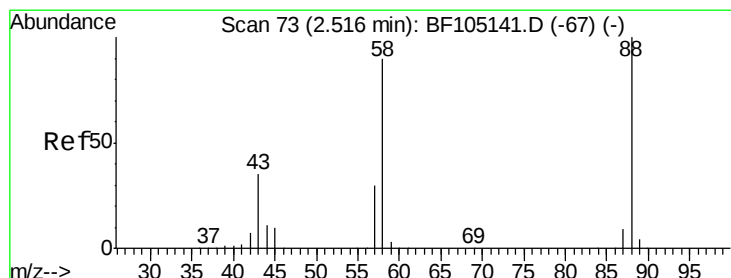
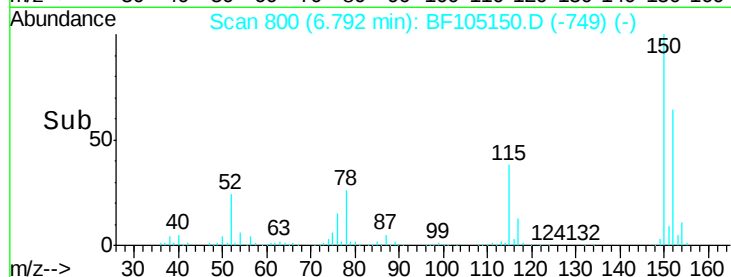
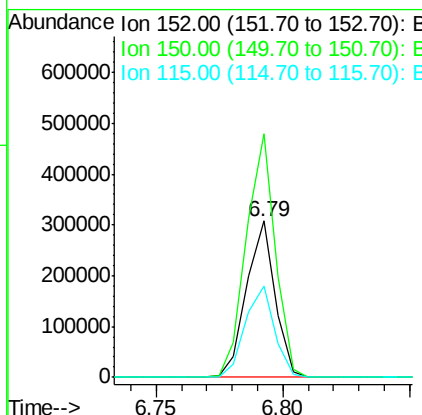
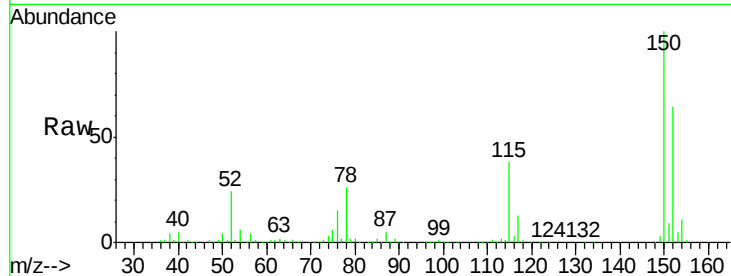


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

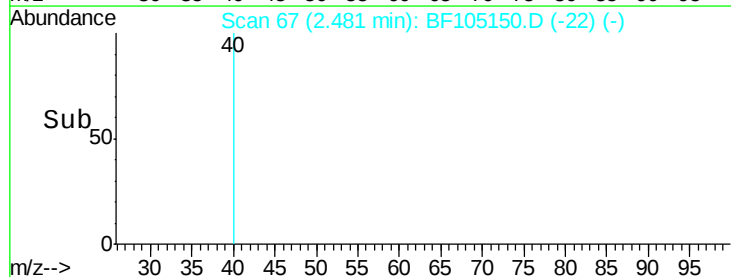
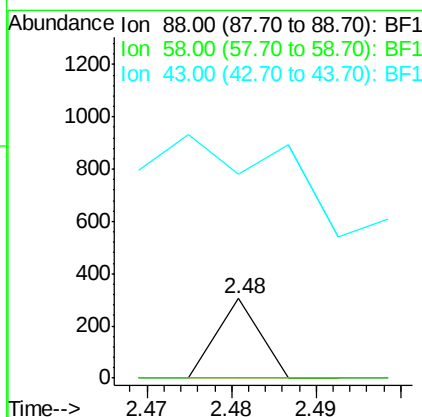
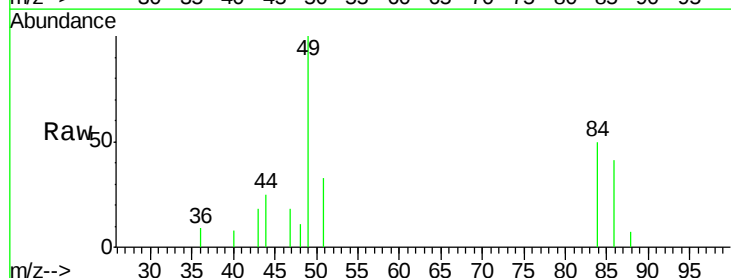
Tot Ion:152 Resp: 241883
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.8 50.1 75.1

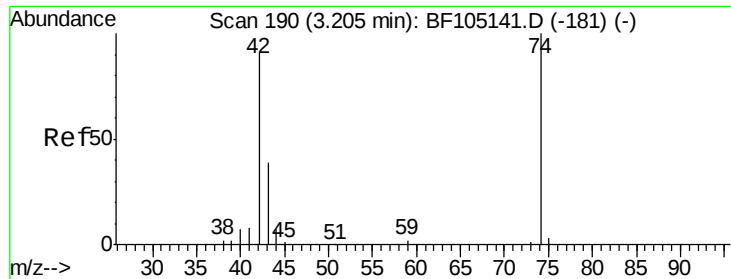


#2

1,4-Dioxane
Concen: 0.014 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.04 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 406.5 24.6 37.0#



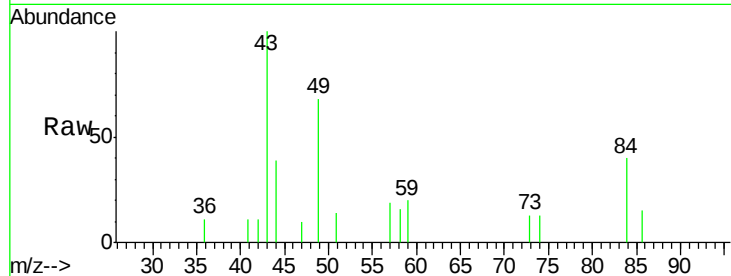


#4

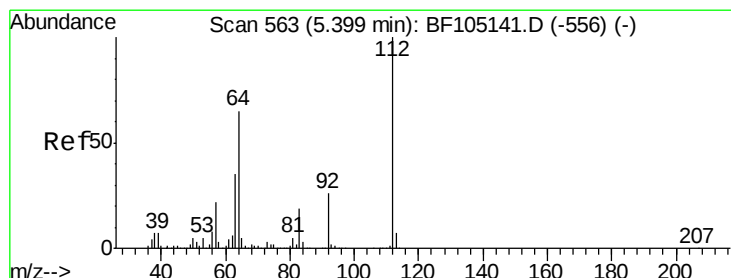
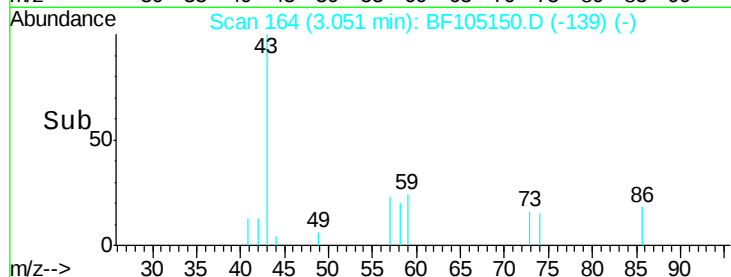
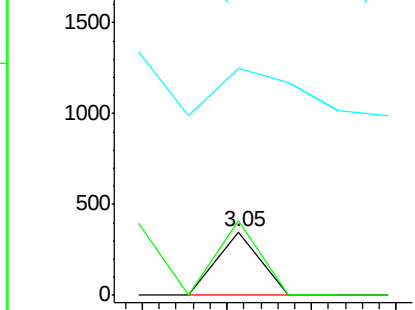
n-Nitrosodimethylamine
 Concen: 0.012 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.15 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

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

Tot Ion: 42 Resp: 124
 Ion Ratio Lower Upper
 42 100
 74 117.1 104.9 157.3
 44 355.3 6.9 10.3#



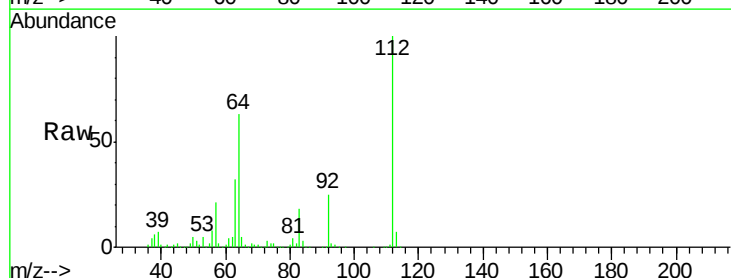
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



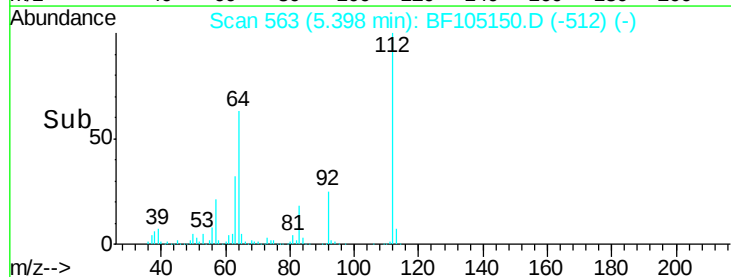
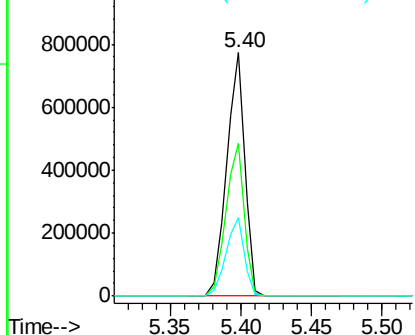
#5

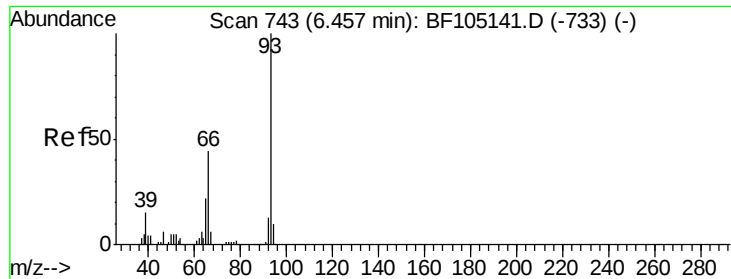
2-Fluorophenol
 Concen: 46.748 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

Tgt Ion: 112 Resp: 686368
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.9 71.9
 63 32.1 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: 0.018 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.04 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

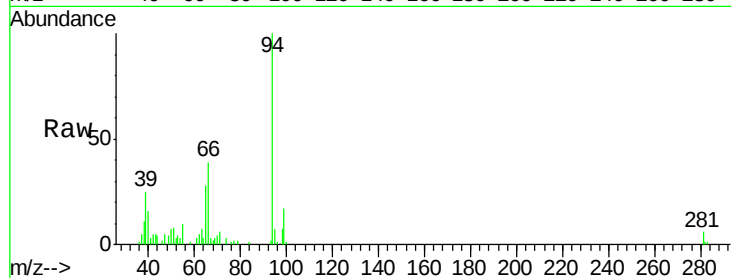
Tot Ion: 93 Resp: 463

Ion Ratio Lower Upper

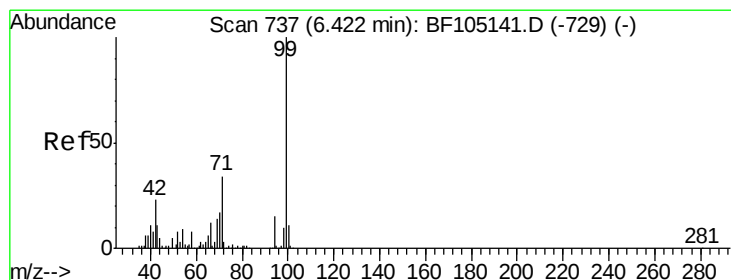
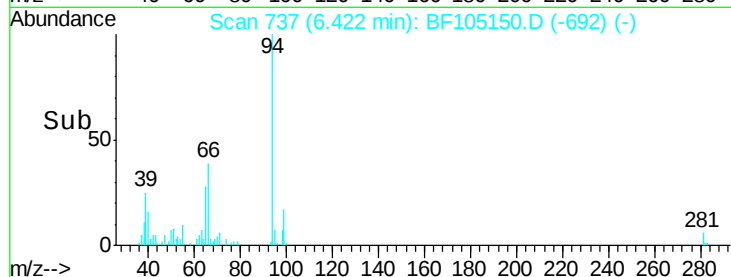
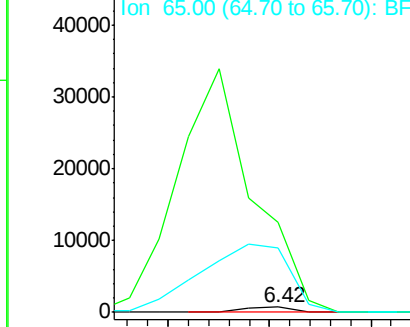
93 100

66 1844.7 32.2 48.2#

65 1305.4 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: 30.680 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

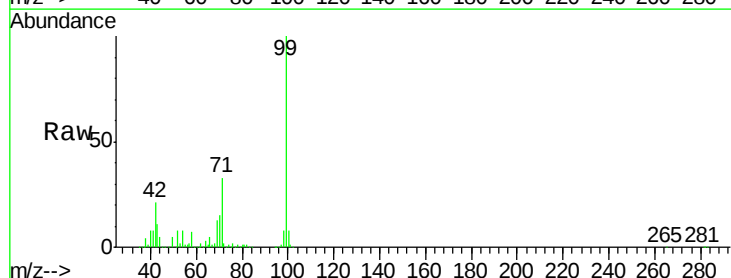
Tgt Ion: 99 Resp: 536362

Ion Ratio Lower Upper

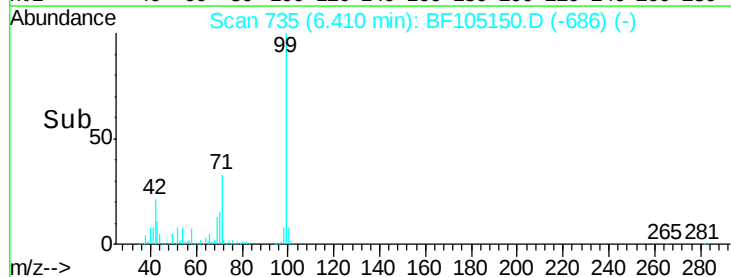
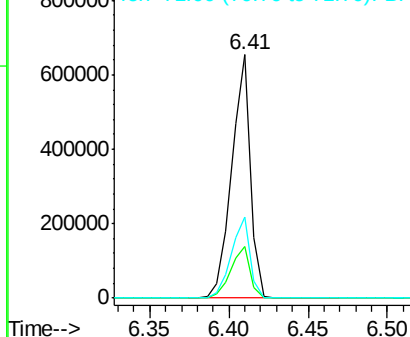
99 100

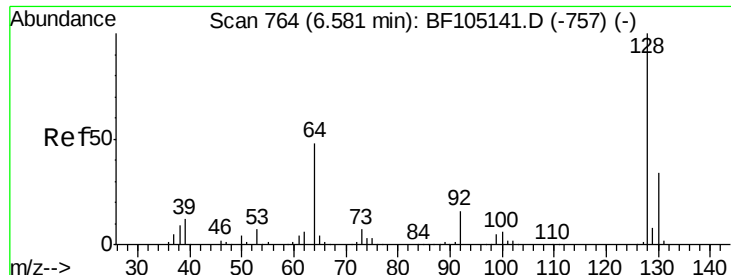
42 21.1 14.5 21.7

71 33.4 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: 0.018 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

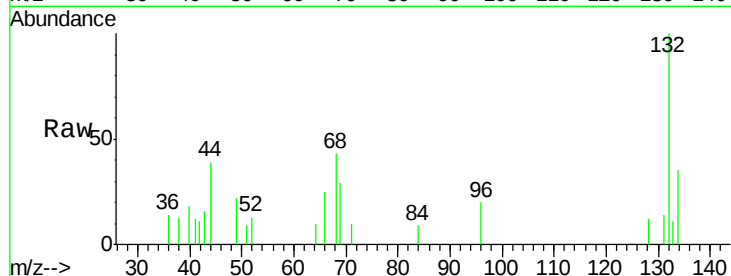
Tot Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

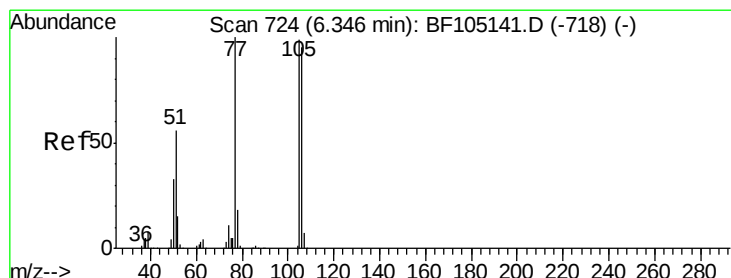
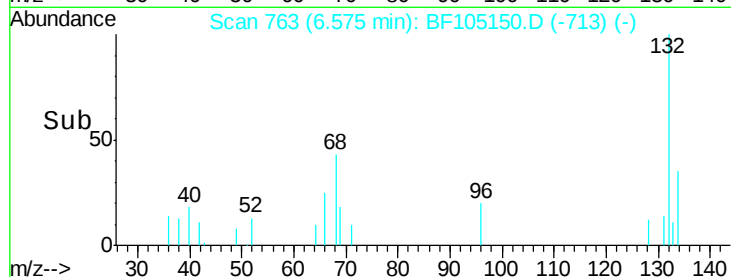
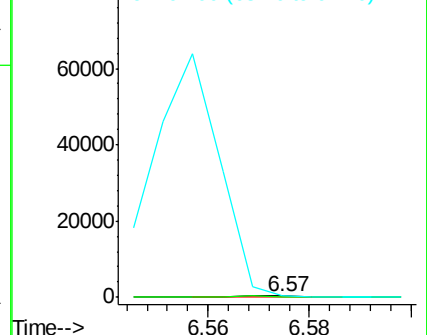
64 83.6 29.4 69.4#



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: 0.093 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.06 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

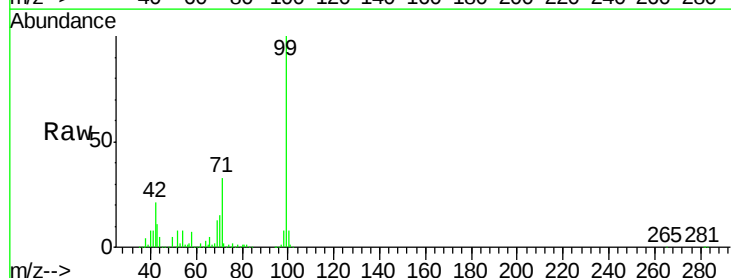
Tgt Ion: 77 Resp: 1245

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

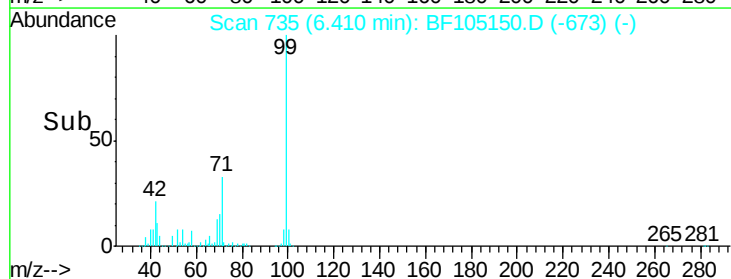
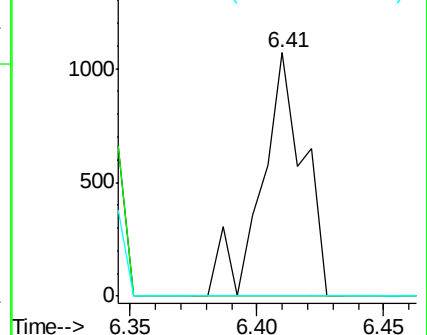
106 0.0 74.5 114.5#

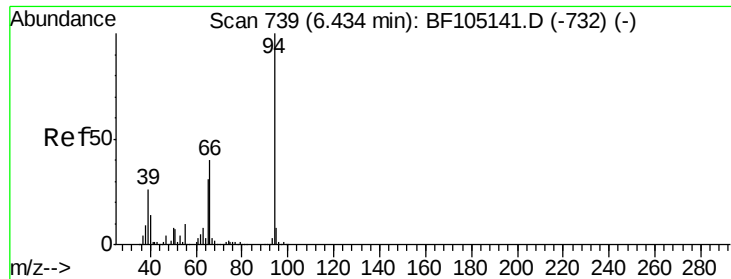


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.156 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

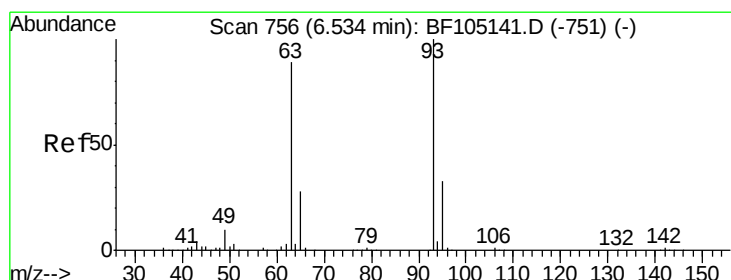
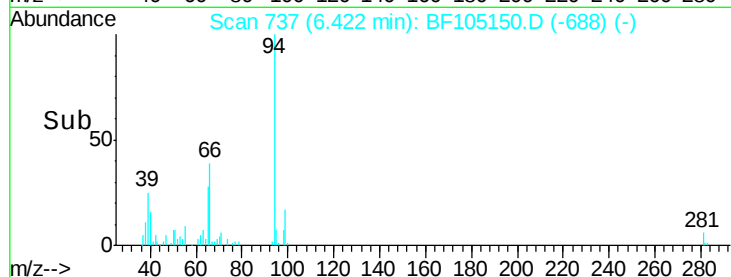
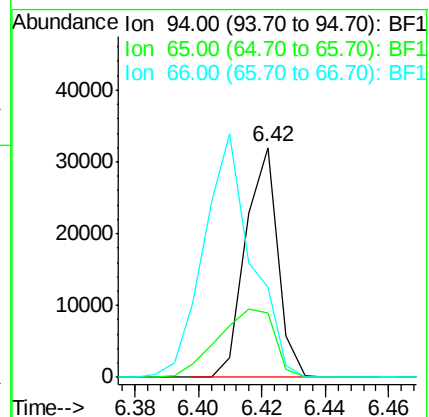
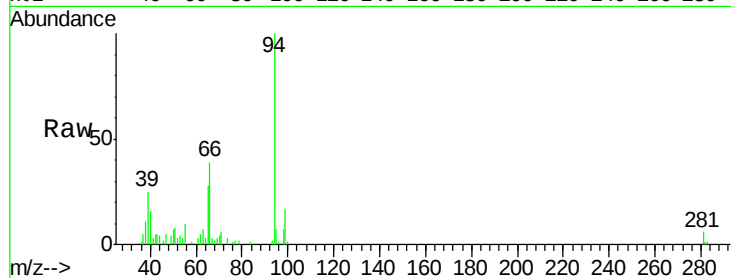
Tot Ion: 94 Resp: 22495

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 39.4 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 0.106 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

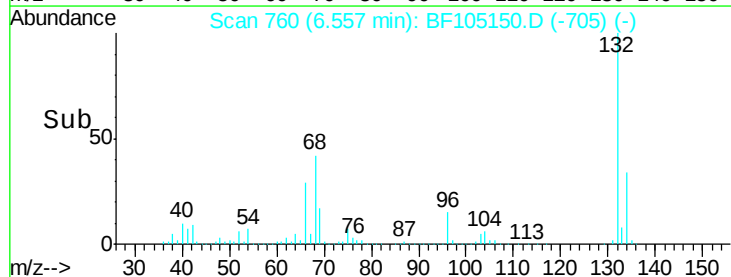
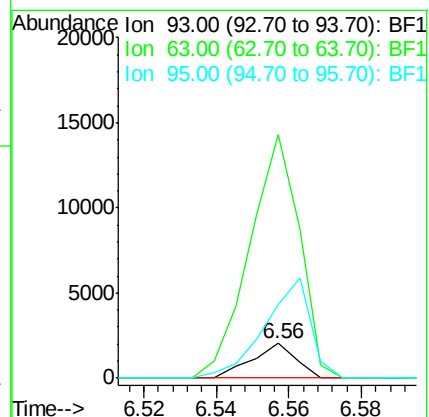
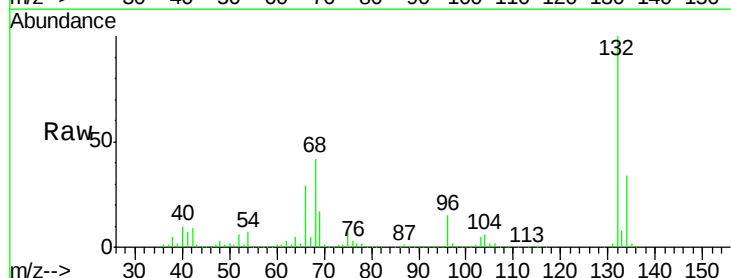
Tgt Ion: 93 Resp: 1693

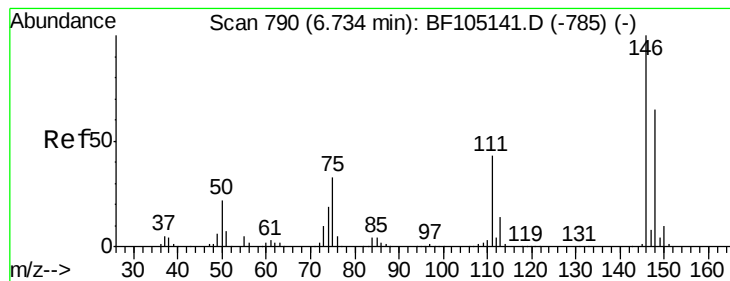
Ion Ratio Lower Upper

93 100

63 699.4 58.6 98.6#

95 211.5 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 0.027 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.21 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

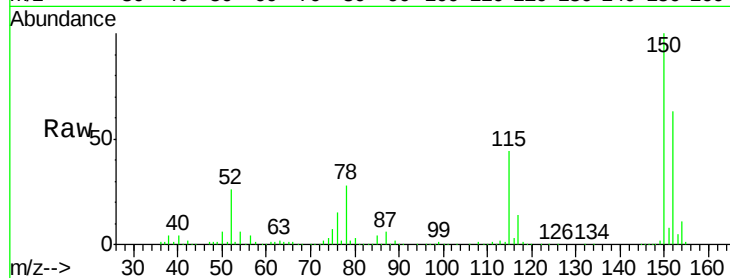
Tot Ion:146 Resp: 504

Ion Ratio Lower Upper

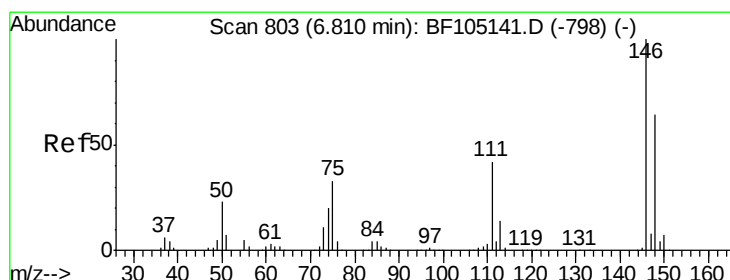
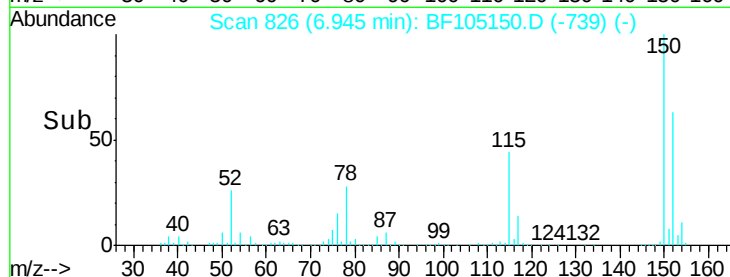
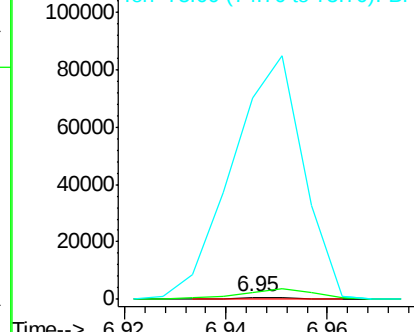
146 100

148 339.4 51.8 77.8#

75 9408.3 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: 0.027 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.13 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

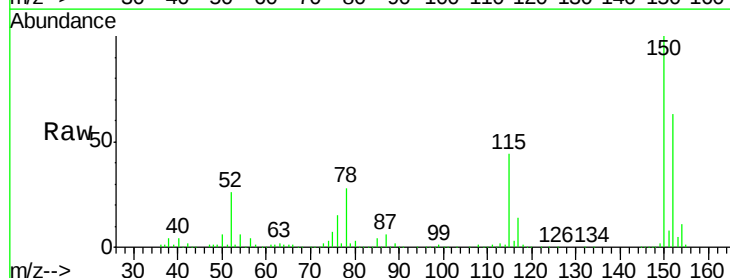
Tgt Ion:146 Resp: 504

Ion Ratio Lower Upper

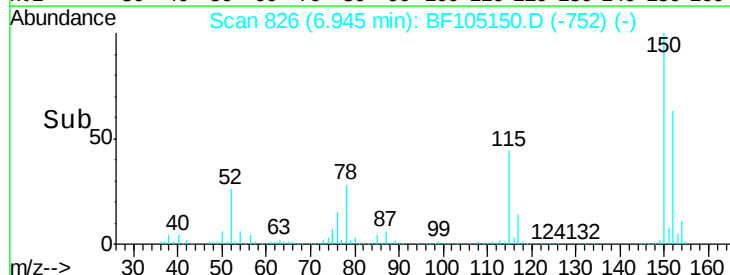
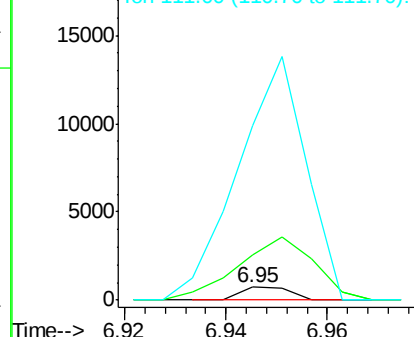
146 100

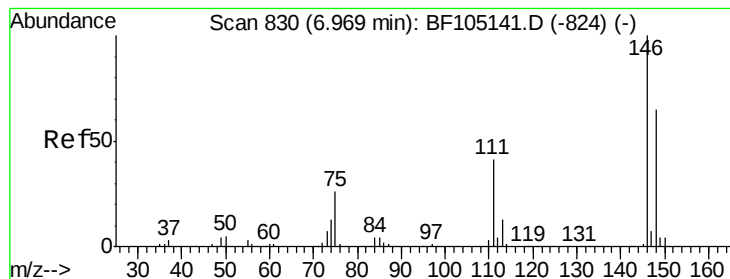
148 339.4 50.8 76.2#

111 1328.1 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

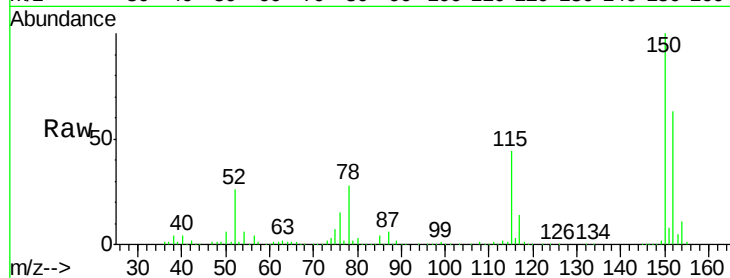




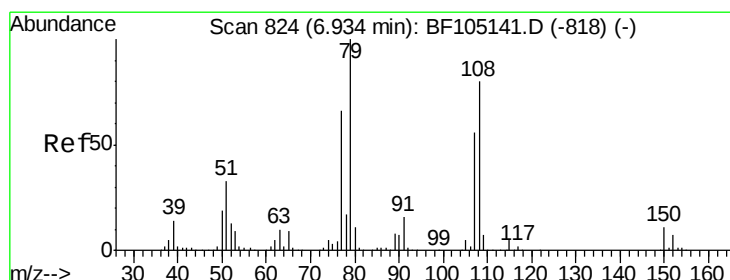
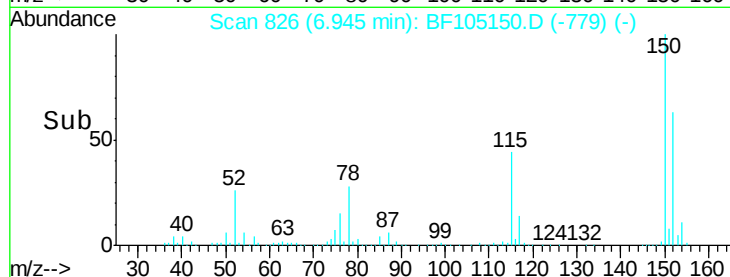
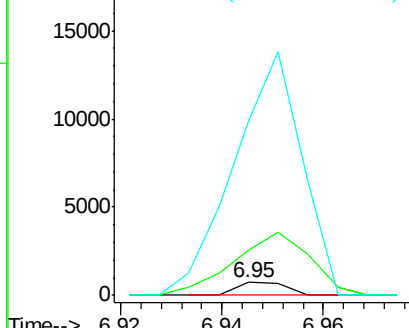
#14
 1,2-Dichlorobenzene
 Concen: 0.029 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

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

Tot Ion:146 Resp: 504
 Ion Ratio Lower Upper
 146 100
 148 339.4 50.6 75.8#
 111 1328.1 36.0 54.0#

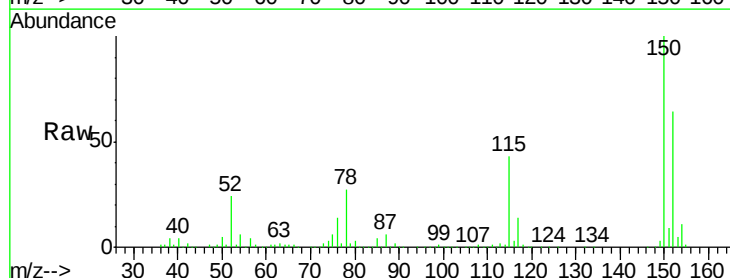


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

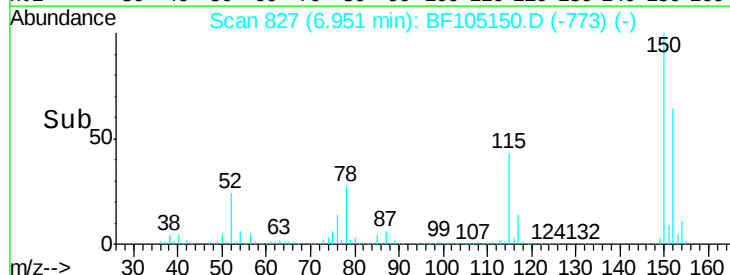
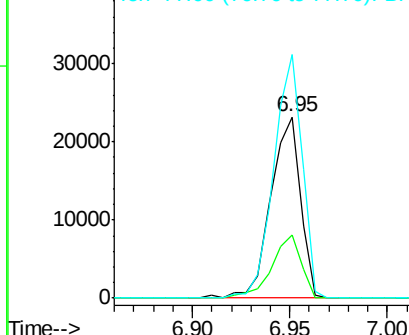


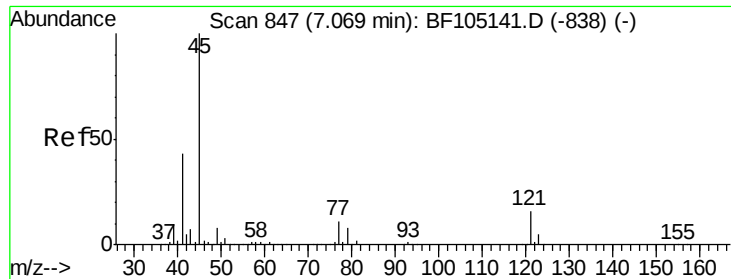
#15
 Benzyl Alcohol
 Concen: 1.825 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.02 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

Tgt Ion: 79 Resp: 24422
 Ion Ratio Lower Upper
 79 100
 108 35.2 65.1 97.7#
 77 134.3 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

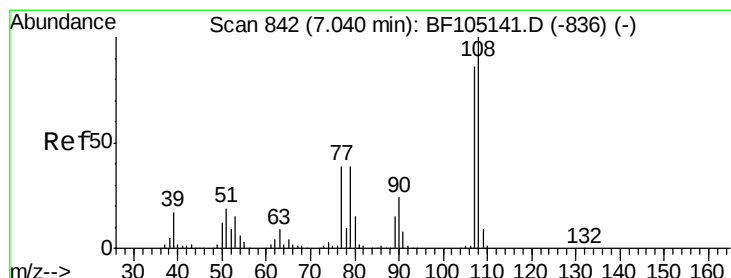
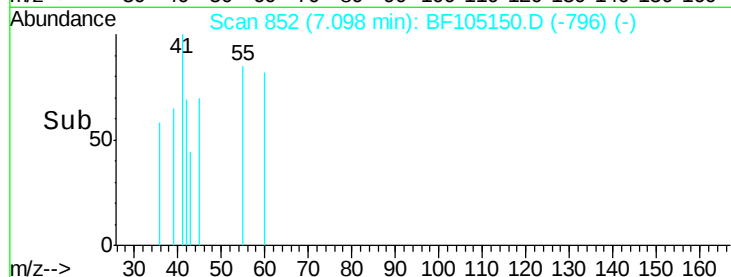
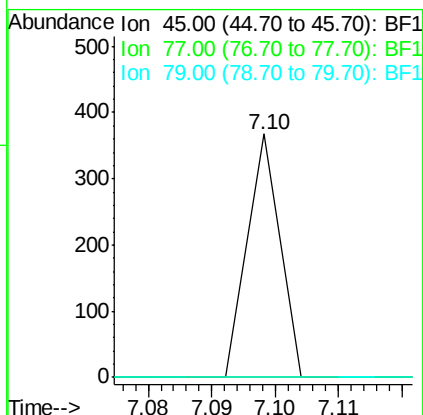
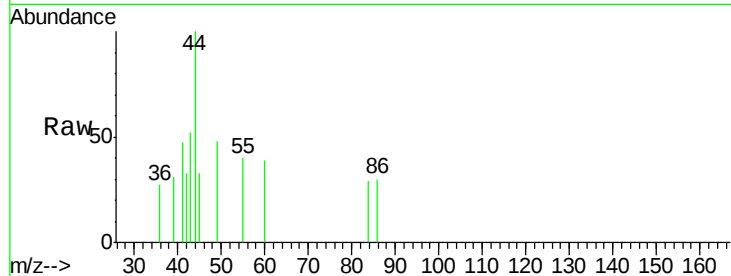




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.03 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

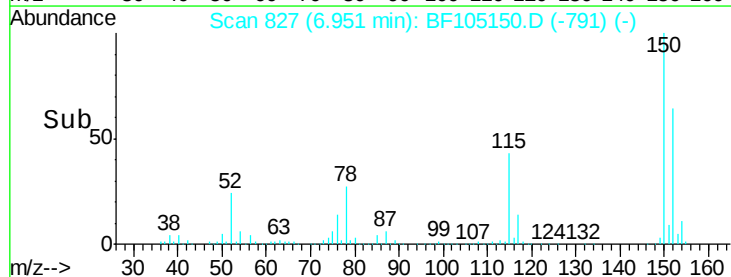
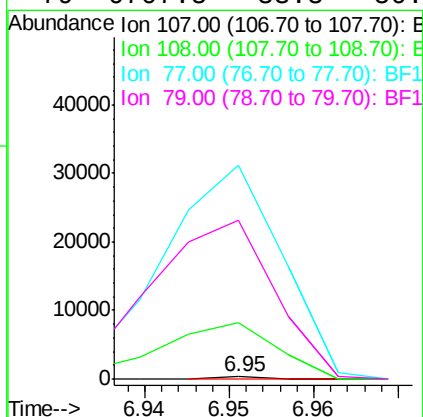
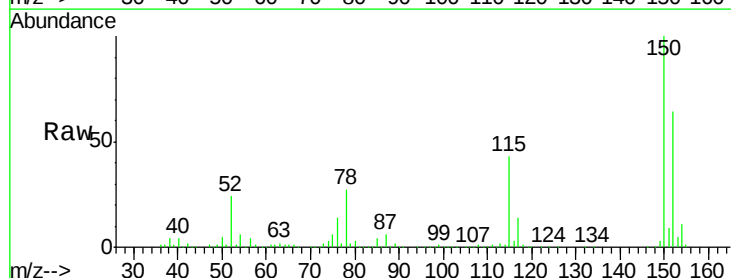
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

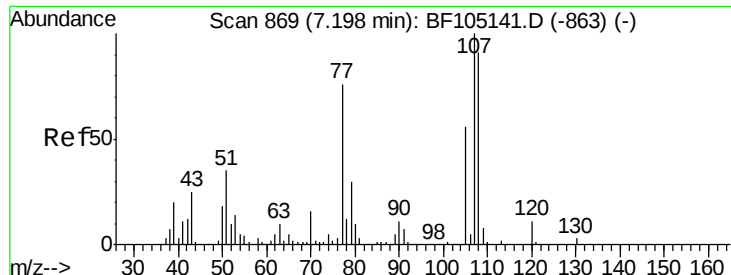
Tot Ion: 45 Resp: 130
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion: 107 Resp: 122
Ion Ratio Lower Upper
107 100
108 2359.2 91.7 137.5#
77 9008.1 33.8 50.8#
79 6707.5 33.8 50.8#

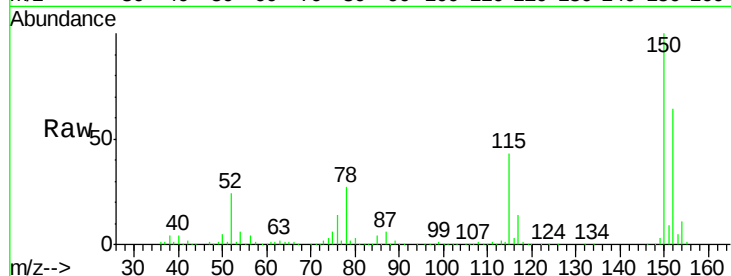




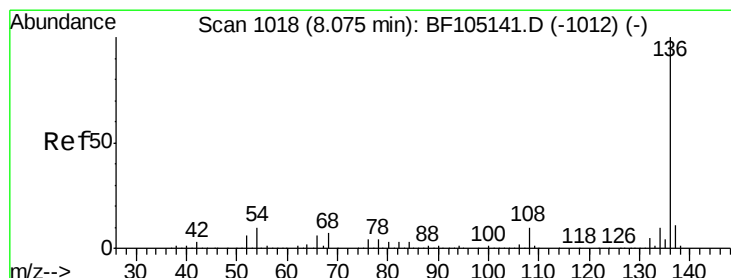
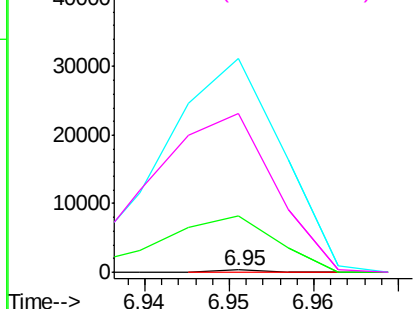
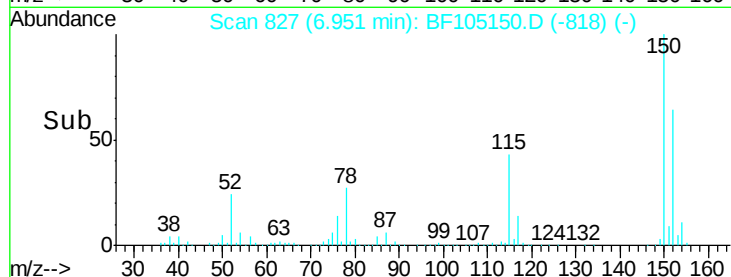
#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.25 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

Tot Ion:107 Resp: 122
Ion Ratio Lower Upper
107 100
108 2359.2 68.2 108.2#
77 9008.1 26.7 66.7#
79 6707.5 6.3 46.3#

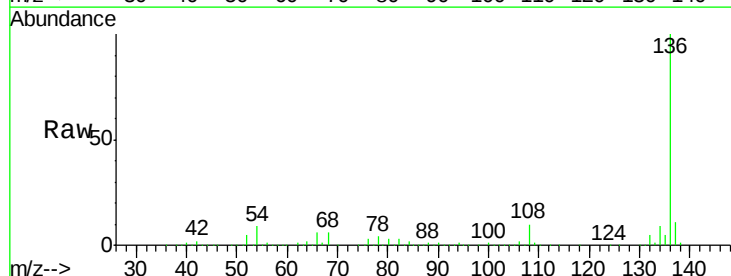


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

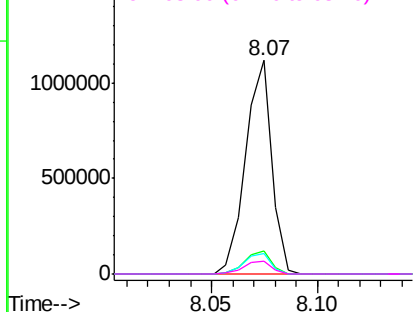
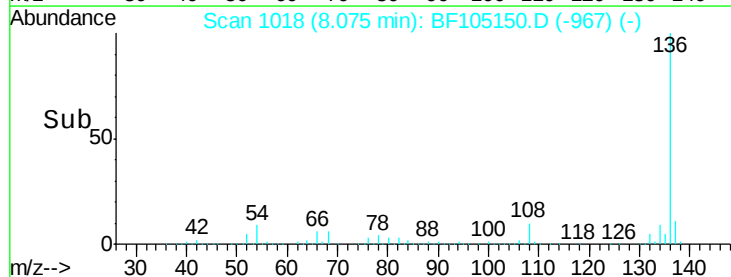


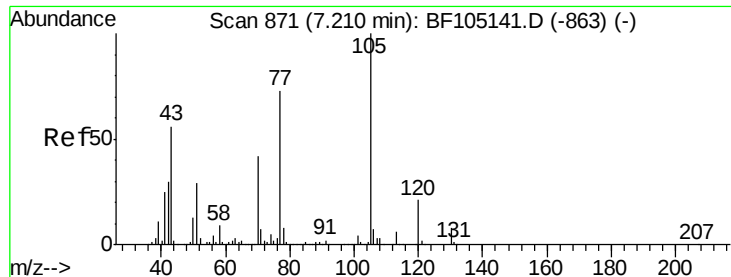
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:136 Resp: 959145
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 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: 0.015 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

Tot Ion:105 Resp: 325

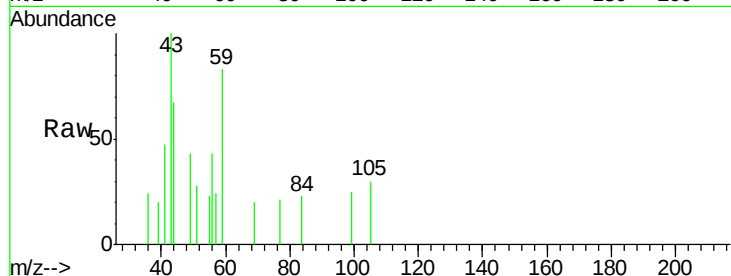
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 94.7 22.3 33.5#

120 0.0 16.9 25.3#



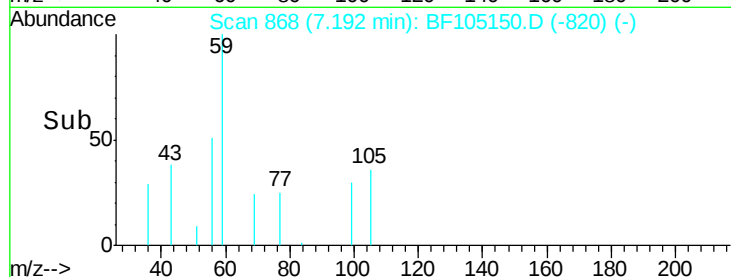
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

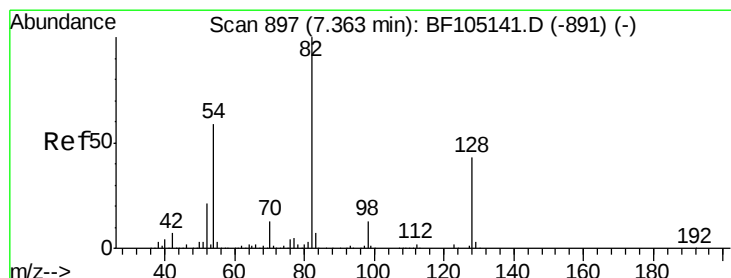
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 106.489 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

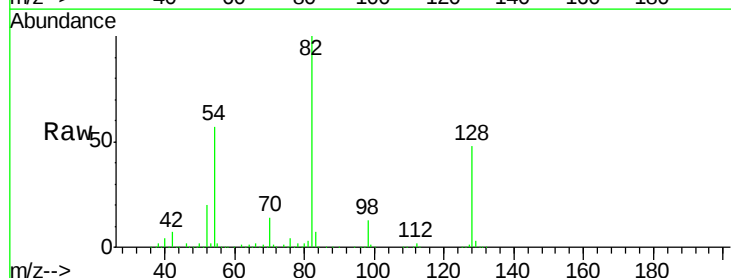
Tgt Ion: 82 Resp: 1507047

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

54 57.4 41.4 62.2

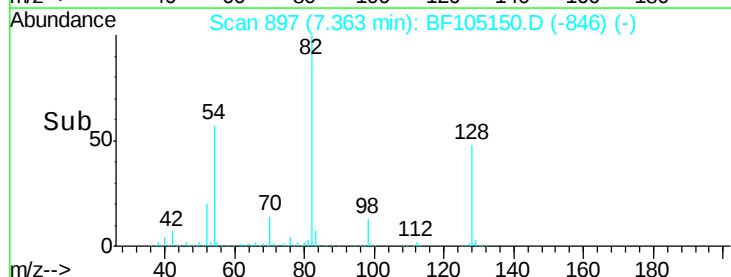


Abundance Ion 82.00 (81.70 to 82.70): BF1

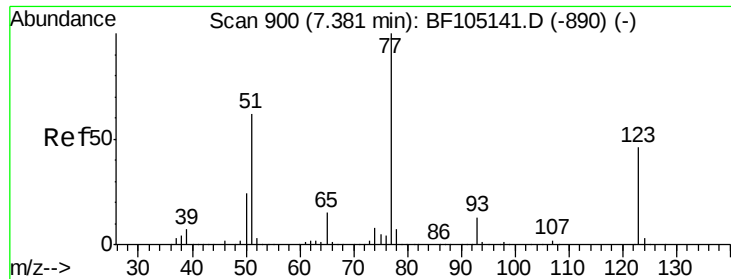
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.313 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

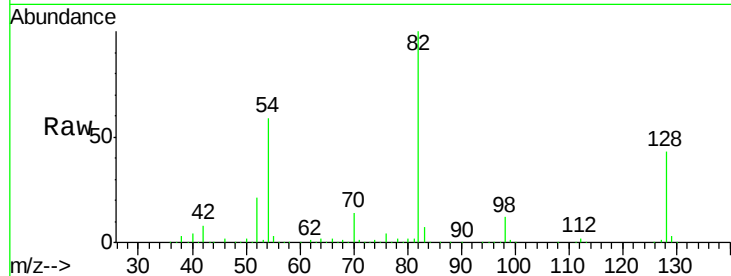
Tot Ion: 77 Resp: 5018

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

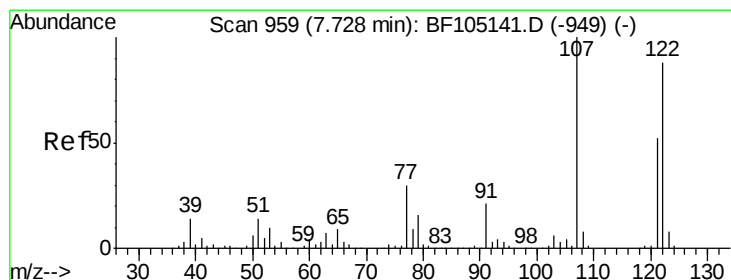
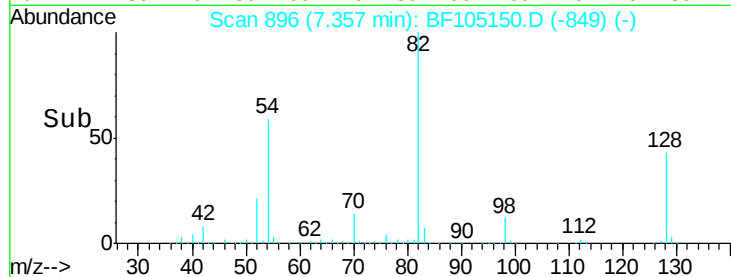
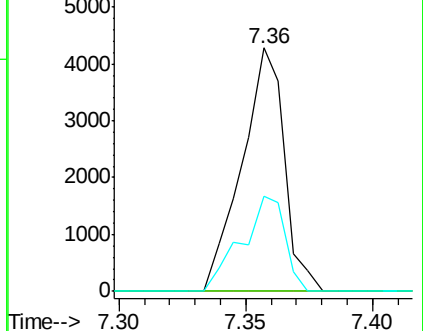
65 39.2 11.0 16.4#



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: 0.014 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

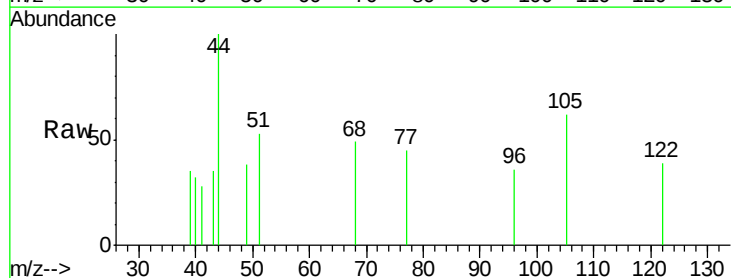
Tgt Ion: 122 Resp: 196

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

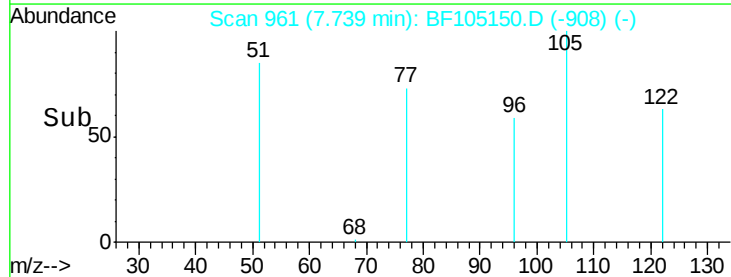
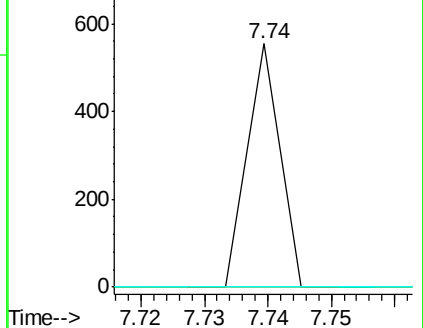
121 0.0 47.2 70.8#

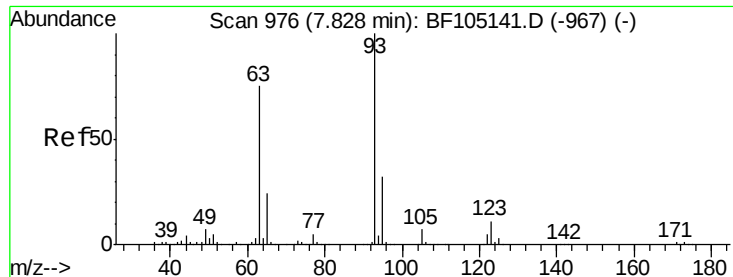


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

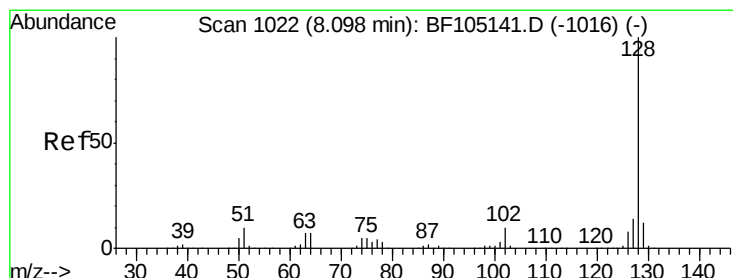
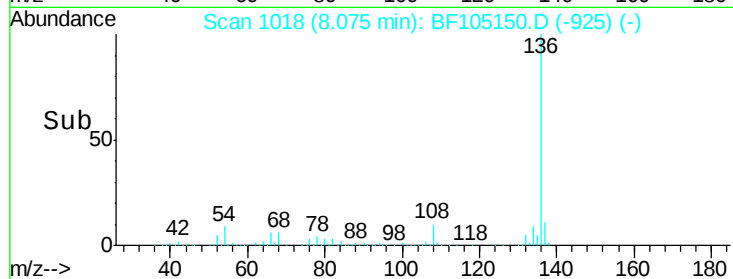
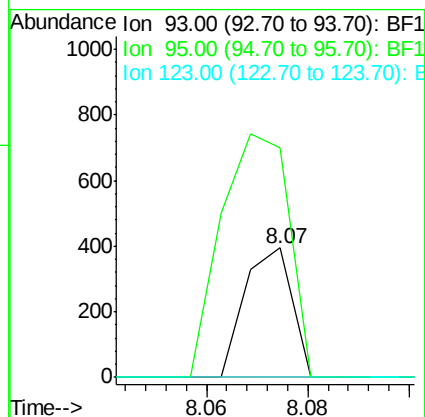
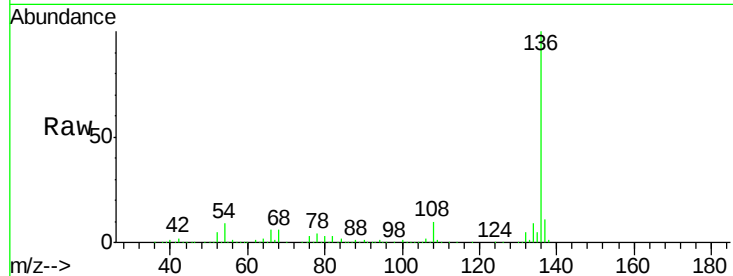




#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.25 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

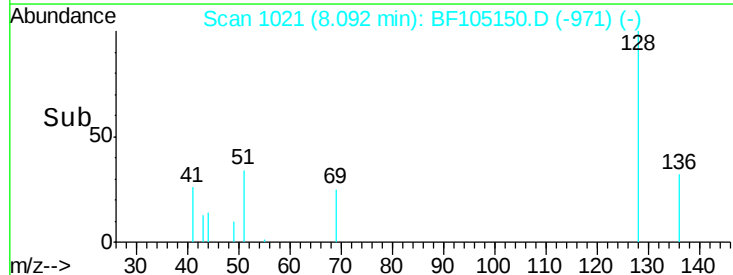
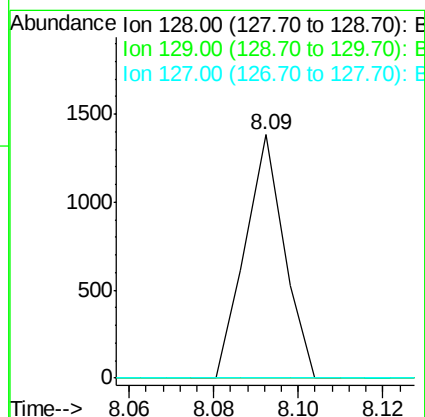
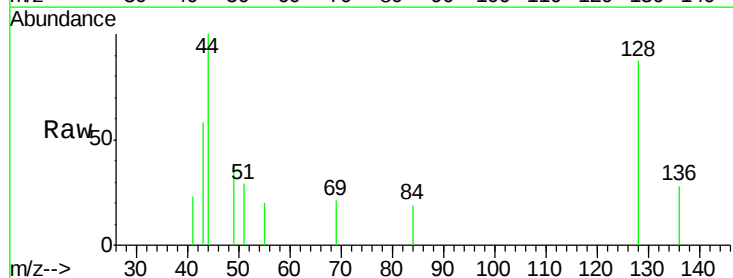
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

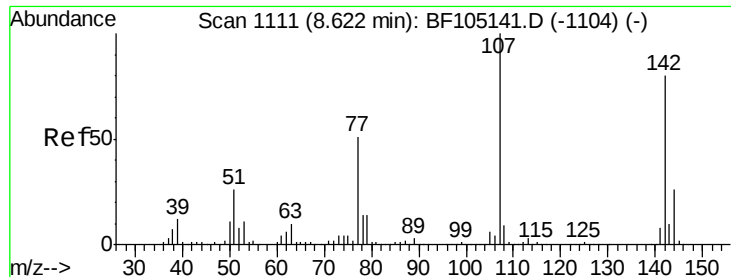
Tot Ion: 93 Resp: 256
Ion Ratio Lower Upper
93 100
95 177.5 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.019 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion: 128 Resp: 888
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

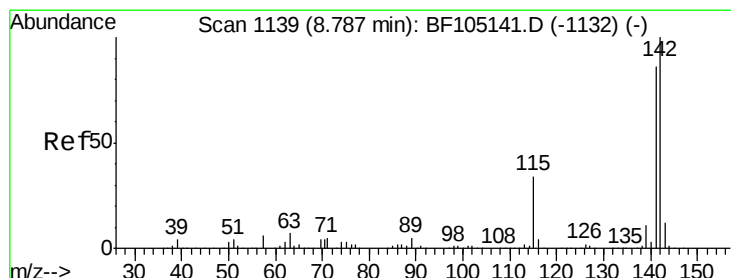
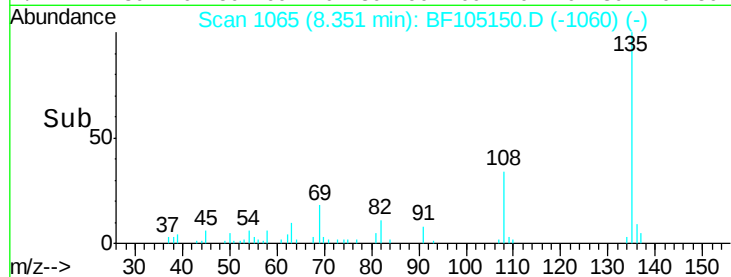
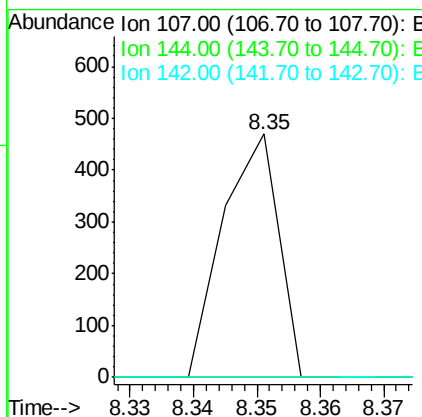
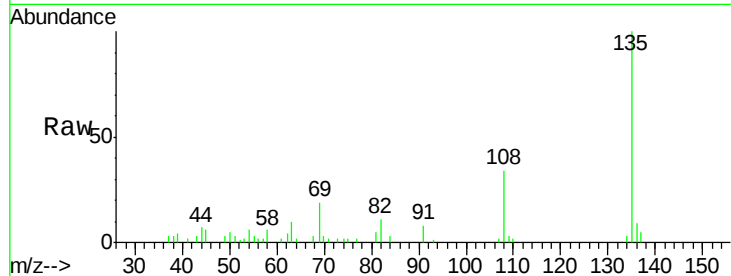




#36
 4-Chloro-3-methylphenol
 Concen: 0.021 ng
 RT: 8.35 min Scan# 1065
 Delta R.T. -0.27 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

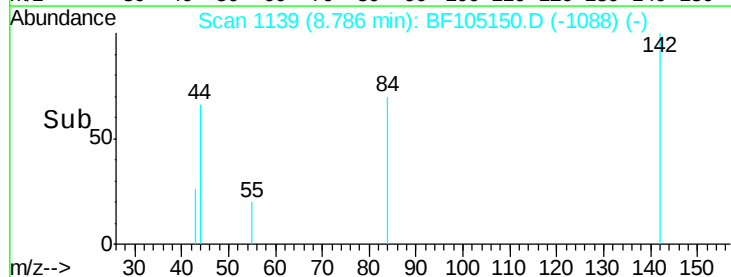
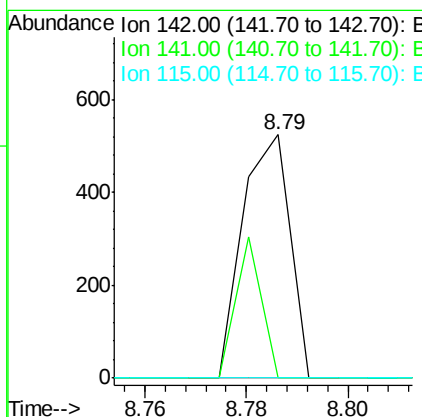
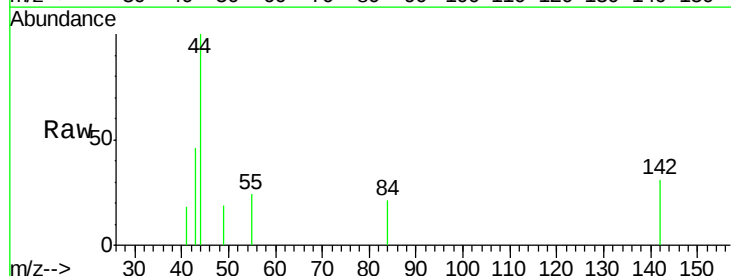
Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-D-B

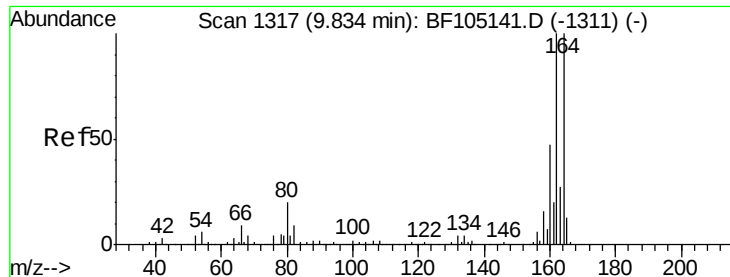
Tot Ion:	107	Resp:	283
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#



#37
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

Tgt Ion:	142	Resp:	339
Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
115	0.0	26.1	39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

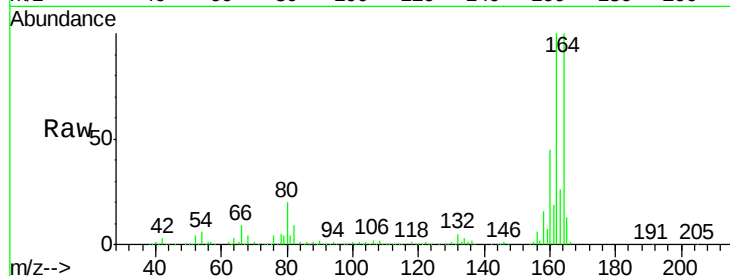
Tot Ion:164 Resp: 472725

Ion Ratio Lower Upper

164 100

162 99.5 86.1 129.1

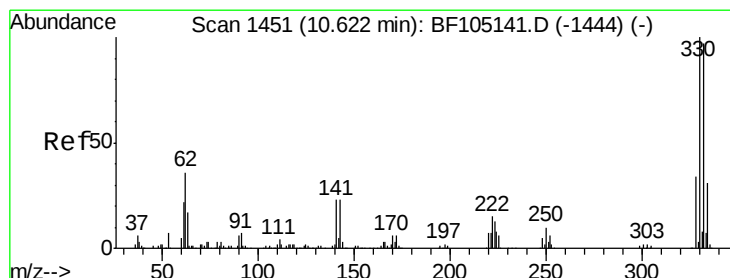
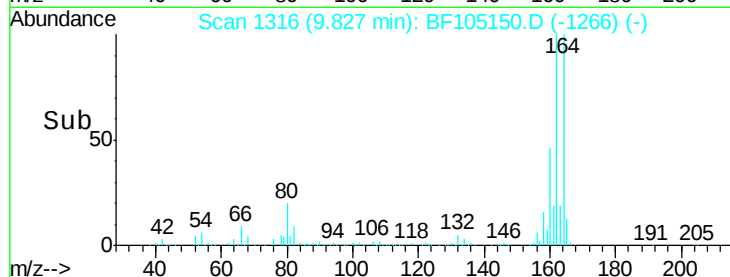
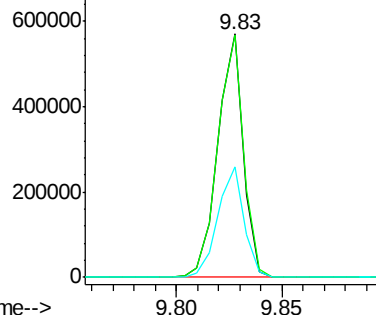
160 45.5 38.3 57.5



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: 102.795 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

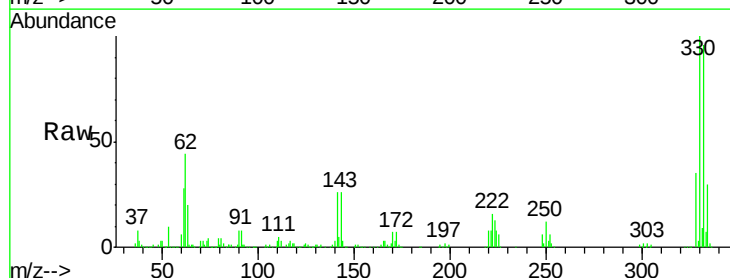
Tgt Ion:330 Resp: 536122

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

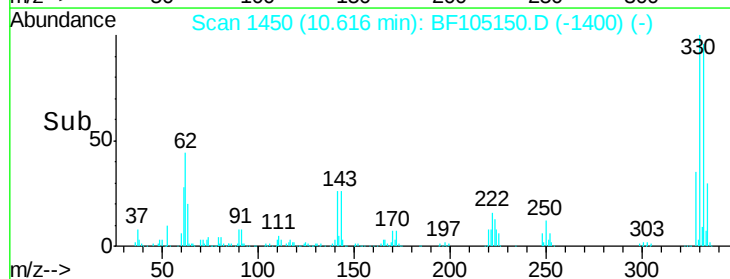
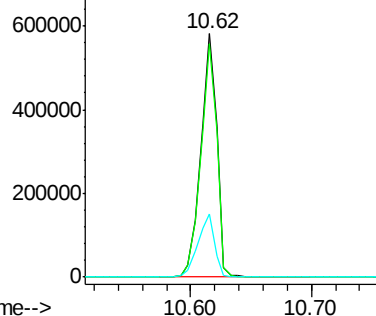
141 26.7 29.9 44.9#

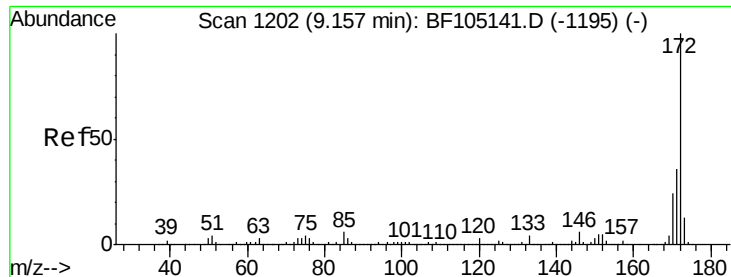


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

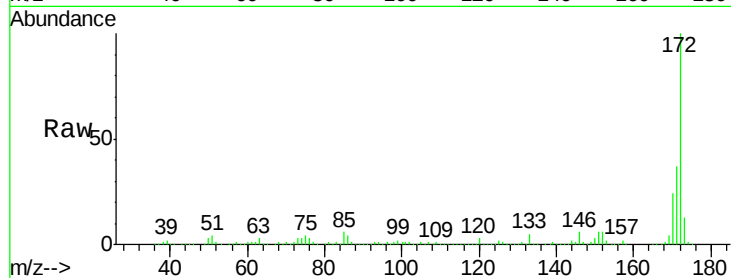




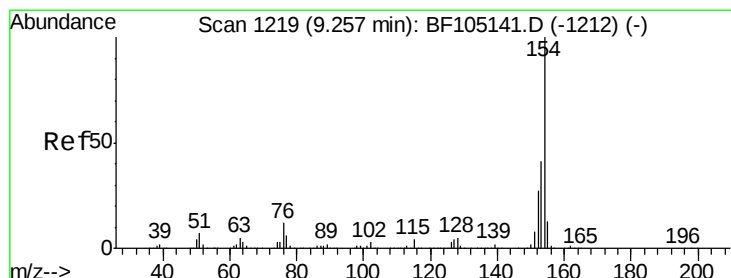
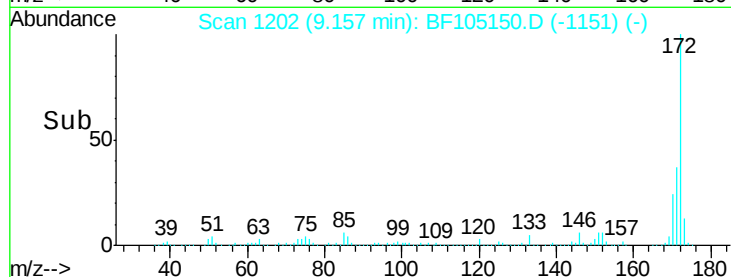
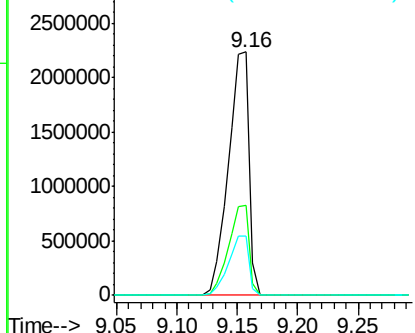
#44
2-Fluorobiphenyl
Concen: 86.570 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

Tot Ion:172 Resp: 2636668
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.1 19.6 29.4

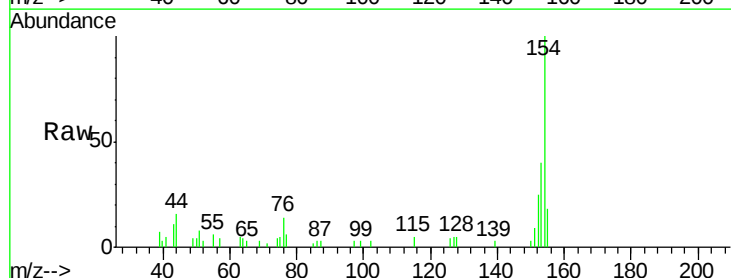


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

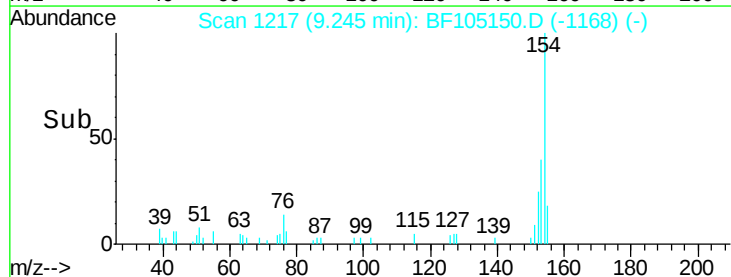
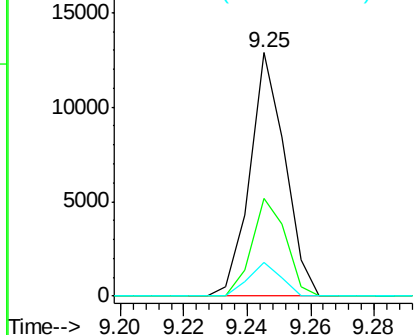


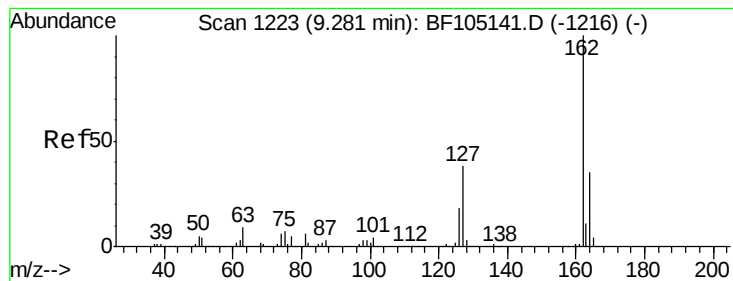
#45
1,1'-Biphenyl
Concen: 0.256 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:154 Resp: 9877
Ion Ratio Lower Upper
154 100
153 40.3 21.3 61.3
76 13.9 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: 0.037 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.26 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

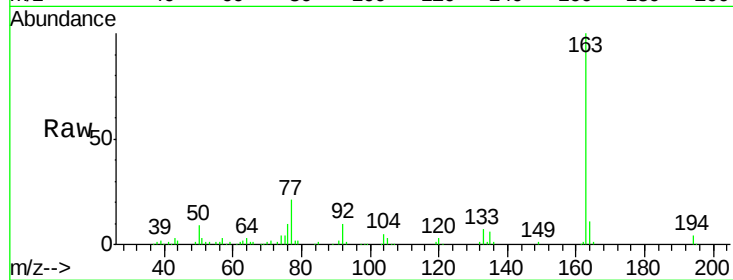
Tot Ion:162 Resp: 1072

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

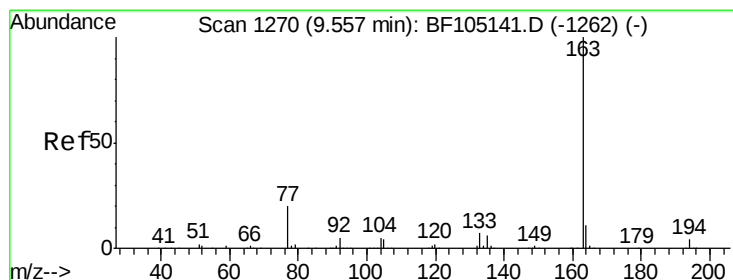
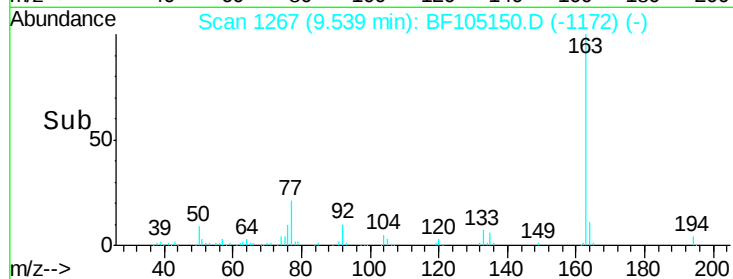
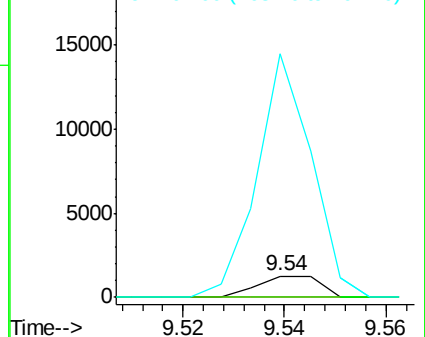
164 1139.7 26.5 39.7#



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: 3.234 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

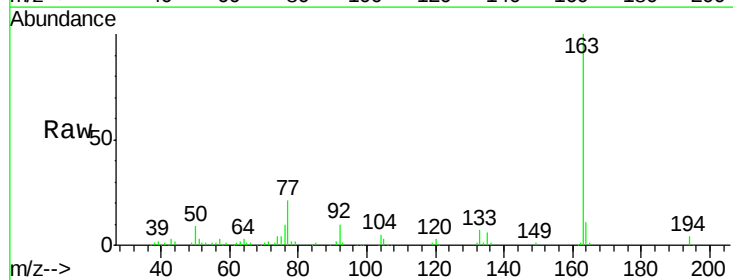
Tgt Ion:163 Resp: 103481

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

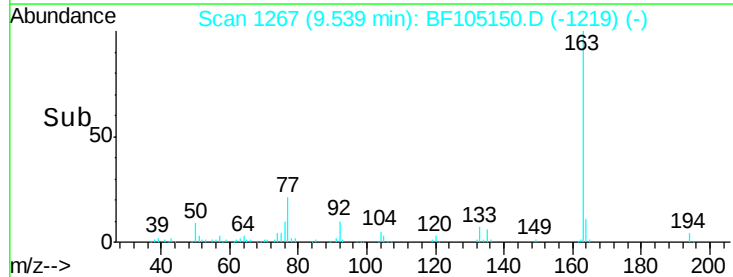
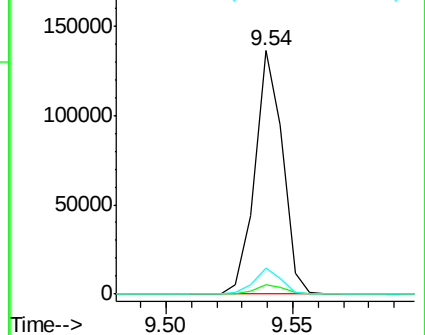
164 10.6 8.2 12.2

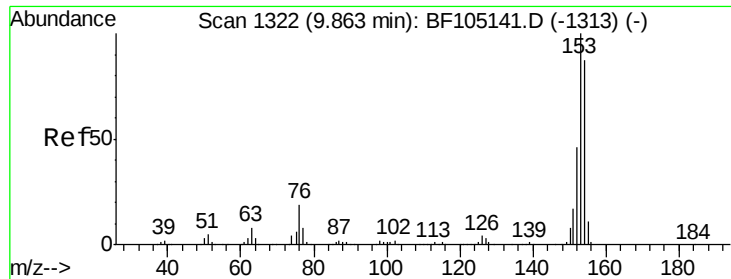


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.004 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

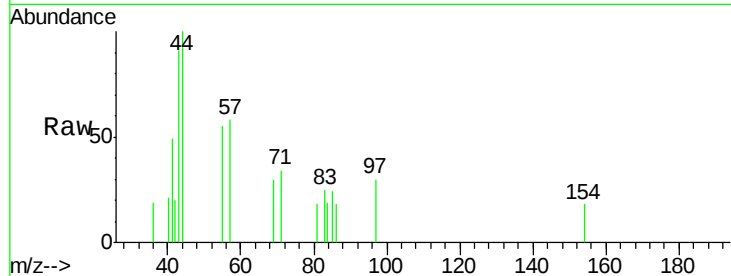
Tot Ion:154 Resp: 110

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

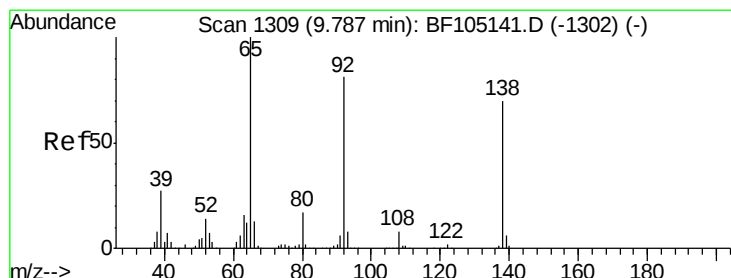
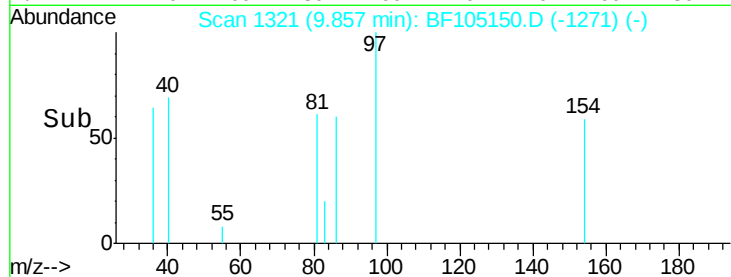
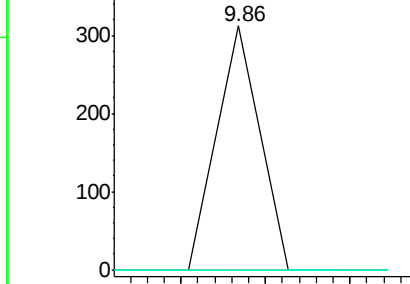
152 0.0 43.8 65.8#



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: 0.100 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.14 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

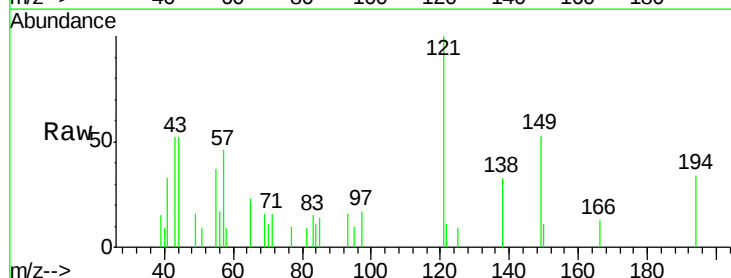
Tgt Ion:138 Resp: 732

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

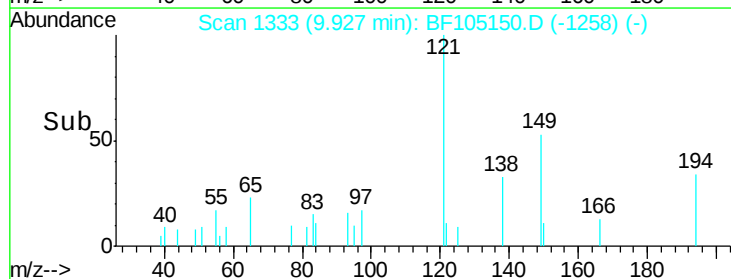
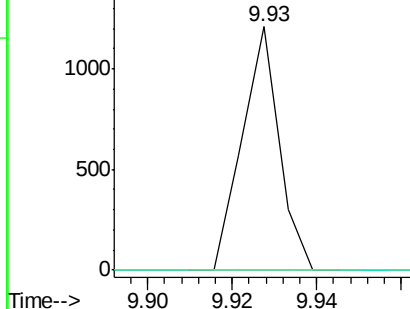
92 0.0 89.4 134.2#

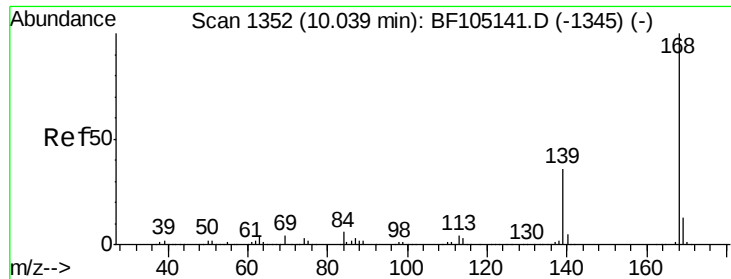


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

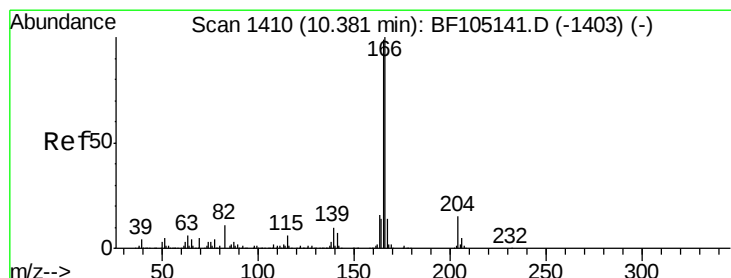
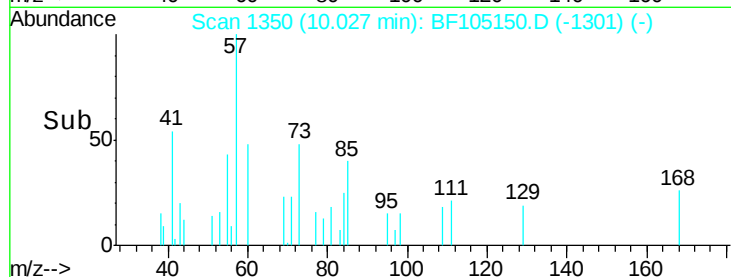
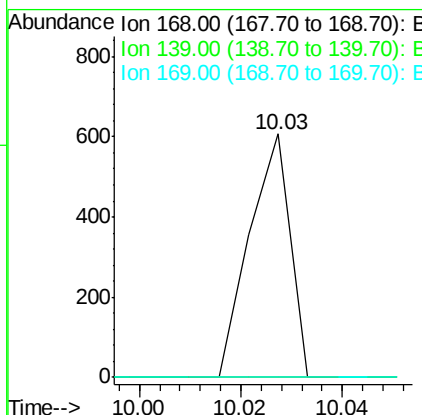
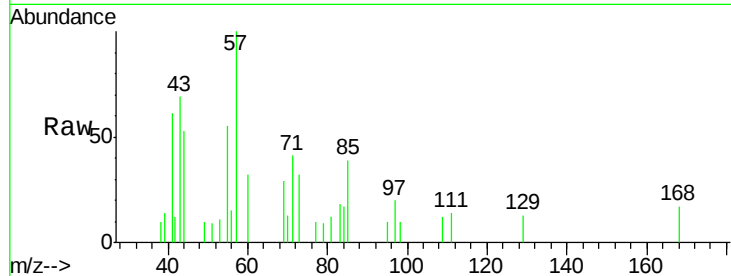




#54
Dibenzenofuran
Concen: 0.008 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

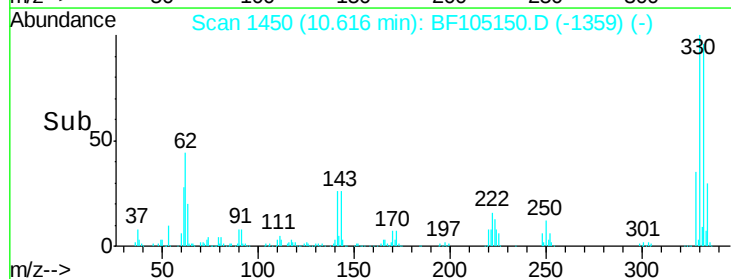
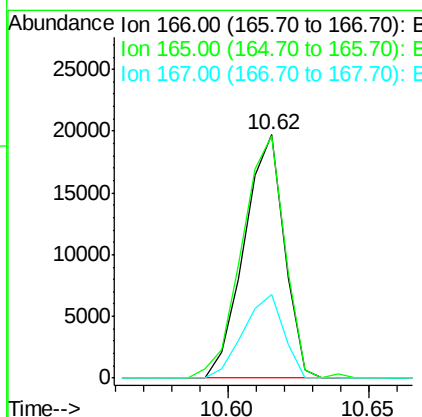
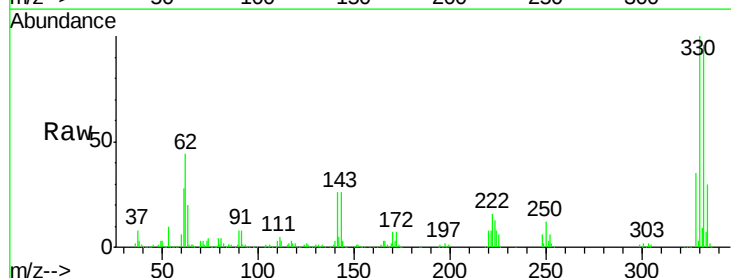
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

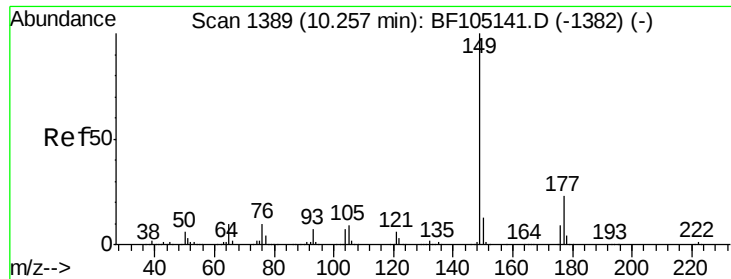
Tot Ion:168 Resp: 340
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.9 16.3#



#57
Fluorene
Concen: 0.634 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.23 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:166 Resp: 19474
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.8
167 39.8 10.6 16.0#

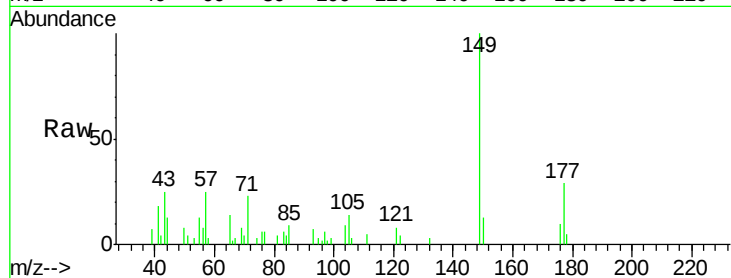




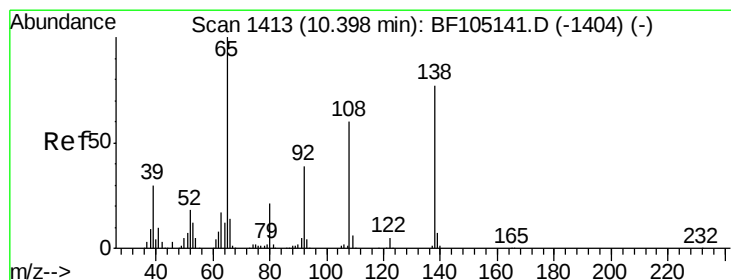
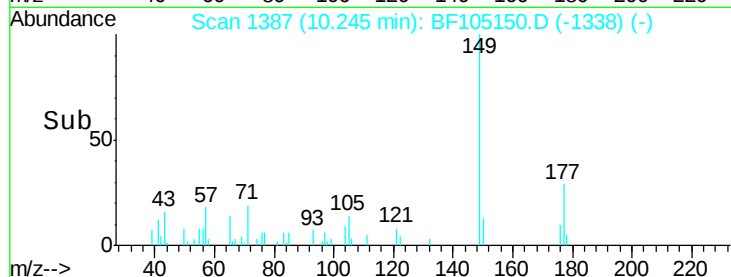
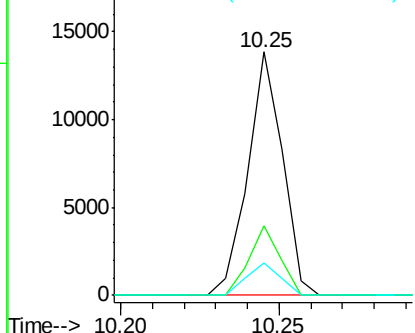
#59
Diethylphthalate
Concen: 0.334 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

Tot Ion:149 Resp: 10518
Ion Ratio Lower Upper
149 100
177 28.7 16.1 24.1#
150 13.3 10.1 15.1

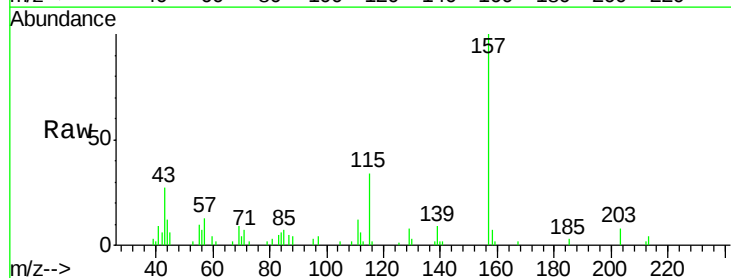


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

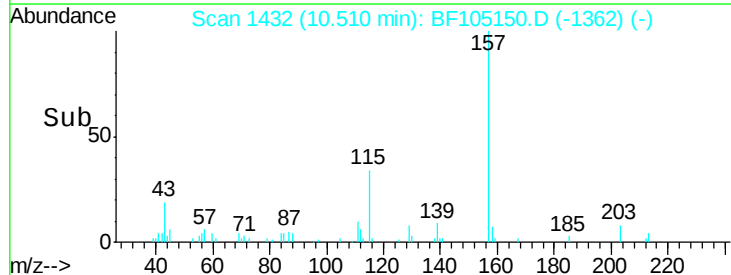
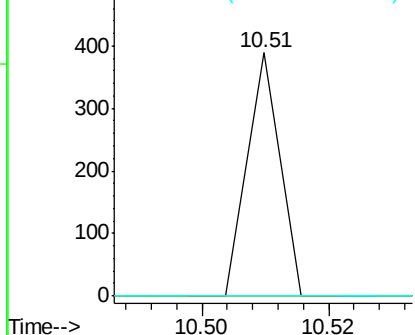


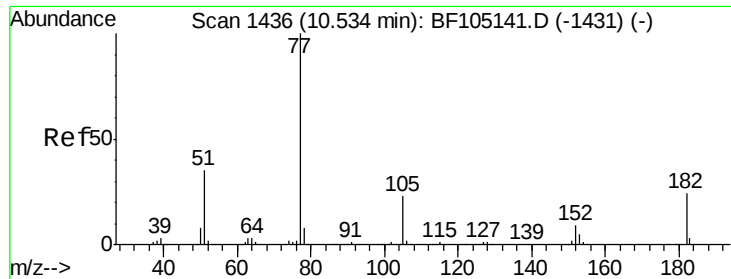
#61
4-Nitroaniline
Concen: 0.019 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.11 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:138 Resp: 137
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



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

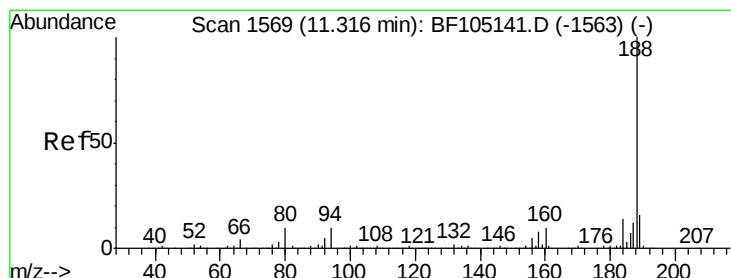
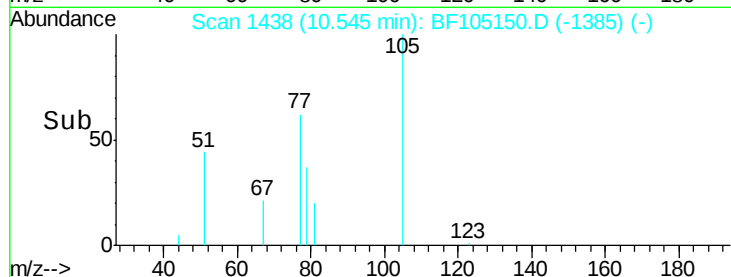
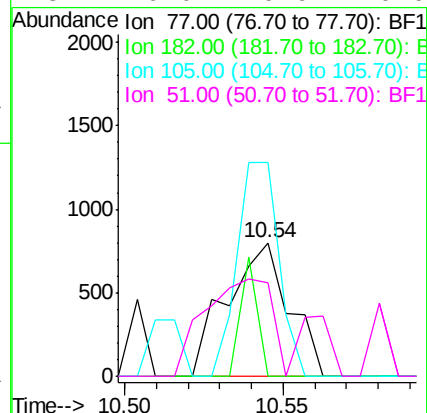
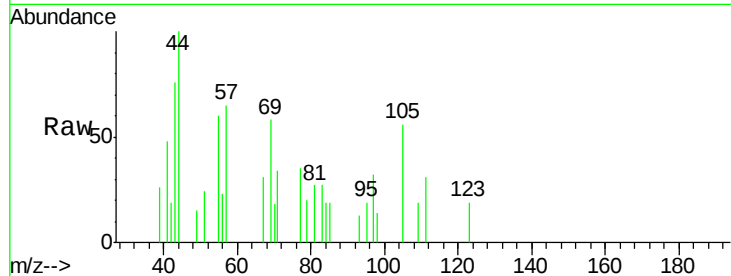




#62
Azobenzene
Concen: 0.033 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

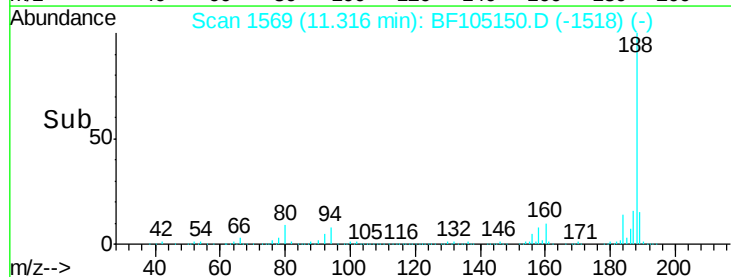
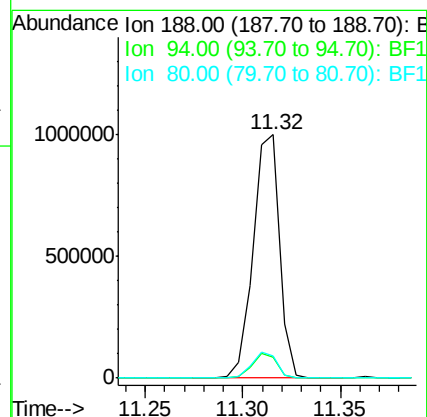
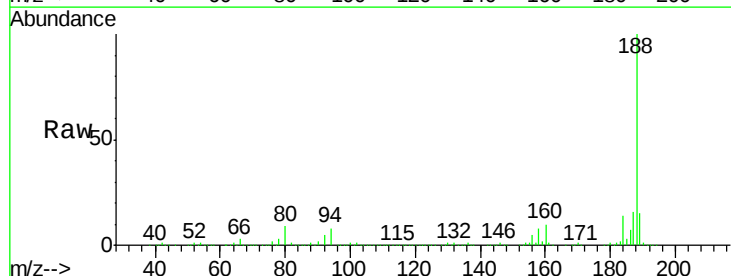
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

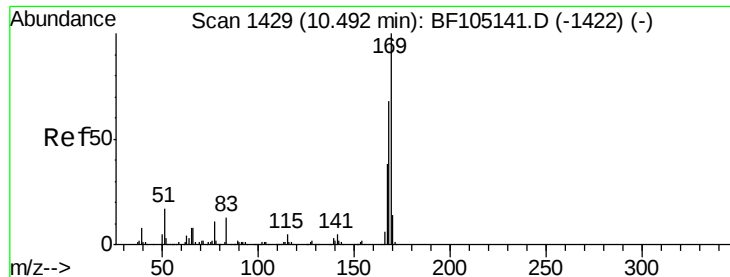
Tot Ion:	77.00	Resp:	1085
Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	160.1	3.0	43.0#
51	70.0	9.9	49.9#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:	188	Resp:	932522
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

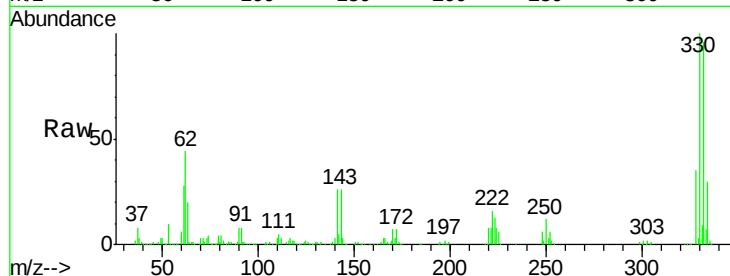




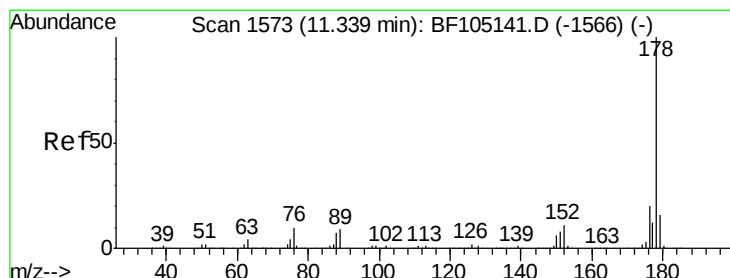
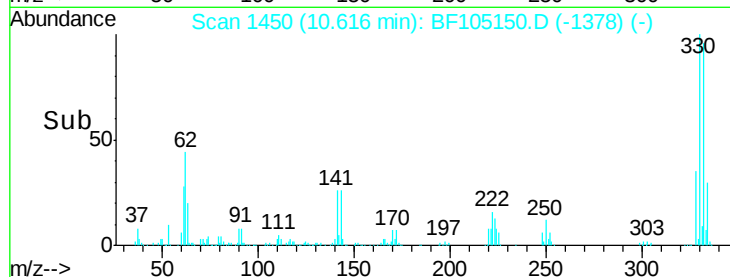
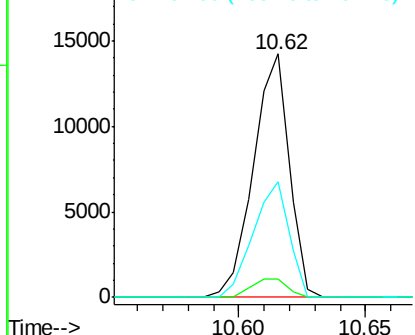
#65
n-Nitrosodiphenylamine
Concen: 0.483 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

Tot Ion:169 Resp: 14047
Ion Ratio Lower Upper
169 100
168 7.5 54.4 81.6#
167 55.1 29.8 44.6#

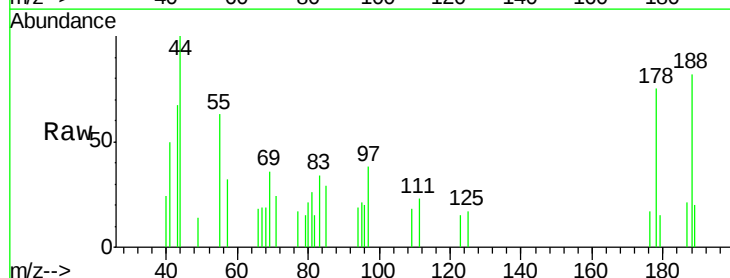


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

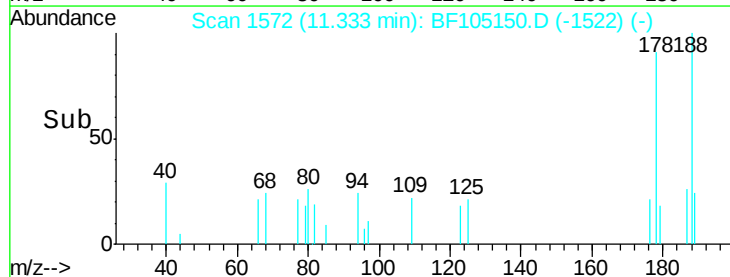
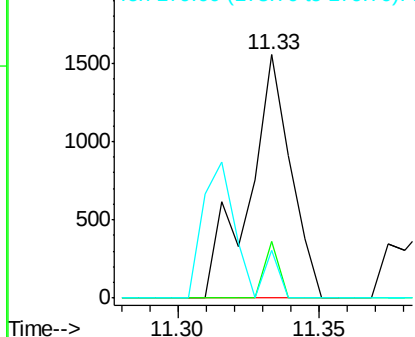


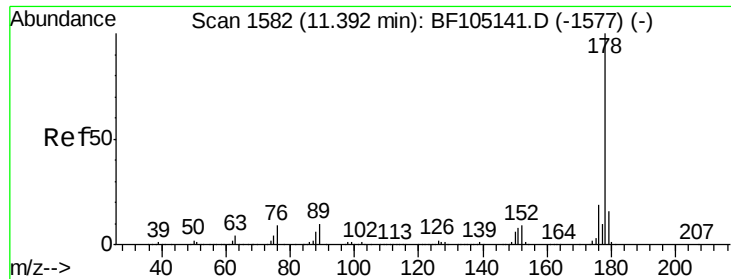
#70
Phenanthrene
Concen: 0.033 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:178 Resp: 1605
Ion Ratio Lower Upper
178 100
176 23.1 15.8 23.8
179 19.7 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

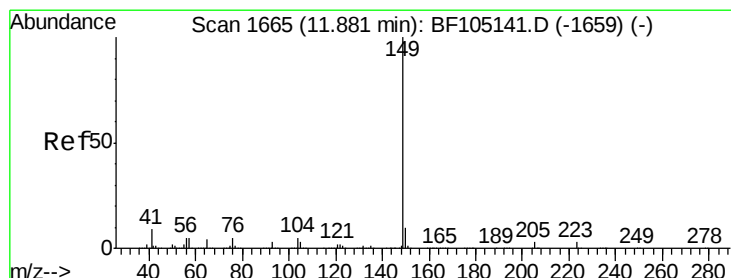
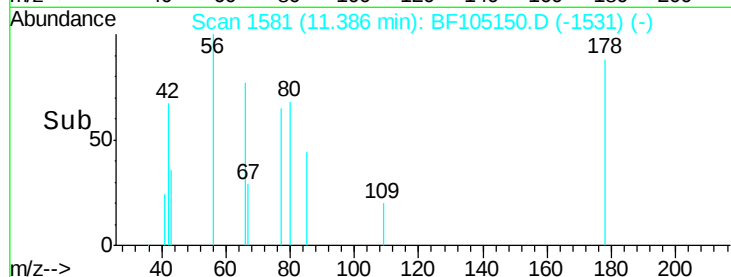
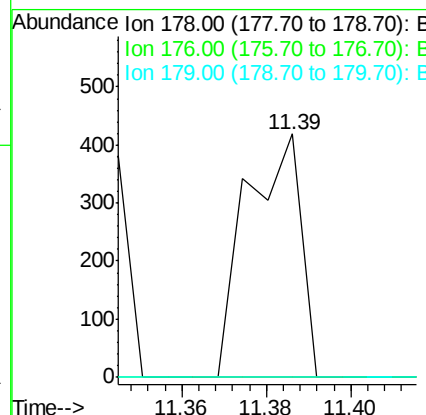
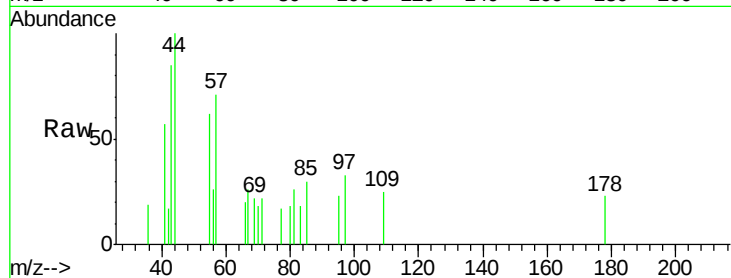




#71
 Anthracene
 Concen: 0.008 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

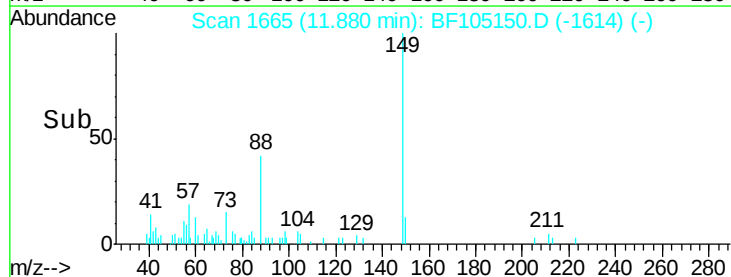
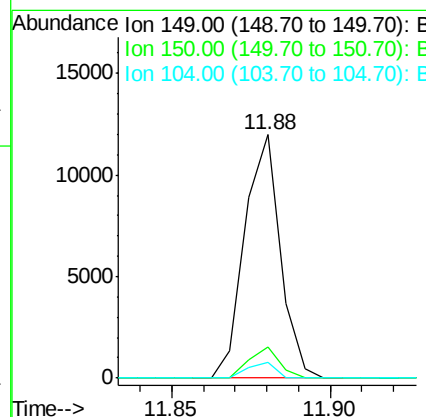
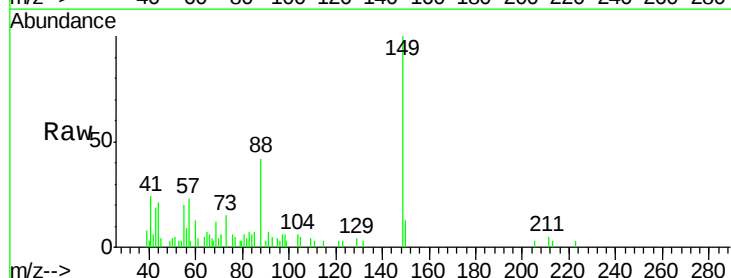
Instrument :
 BNA_F
 ClientSampleId :
 050118-SIDI-E-D-B

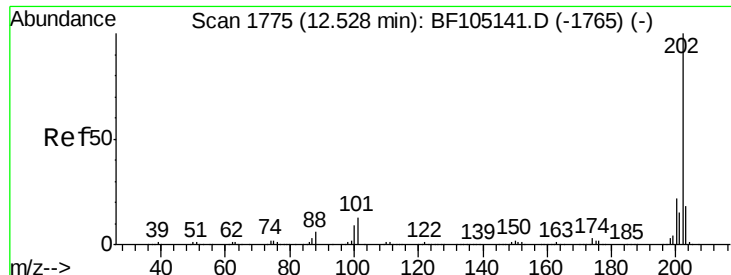
Tot Ion:178 Resp: 376
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#73
 Di-n-butylphthalate
 Concen: 0.193 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF105150.D
 Acq: 8 May 2018 18:06

Tgt Ion:149 Resp: 9304
 Ion Ratio Lower Upper
 149 100
 150 13.0 7.8 11.6#
 104 6.5 3.8 5.8#

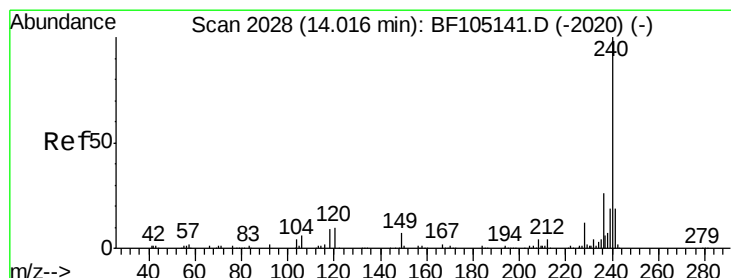
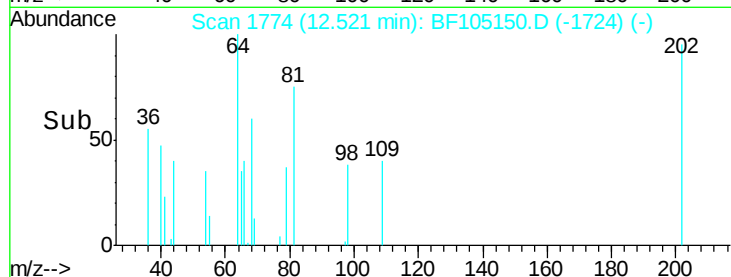
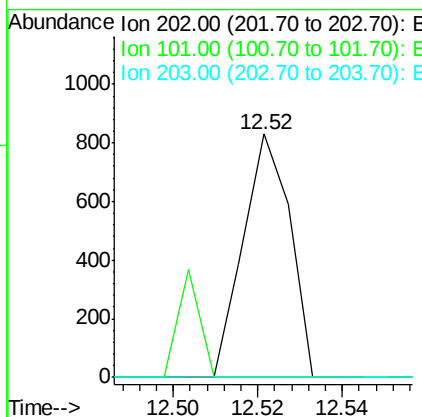
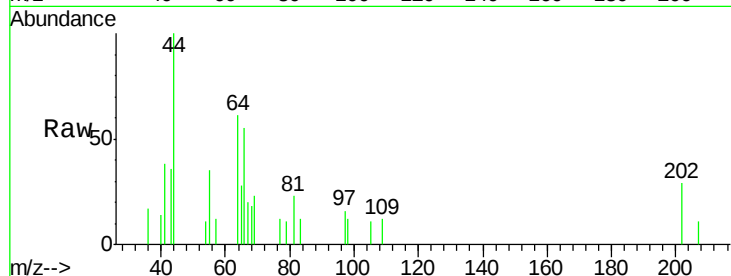




#74
Fluoranthene
Concen: 0.012 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

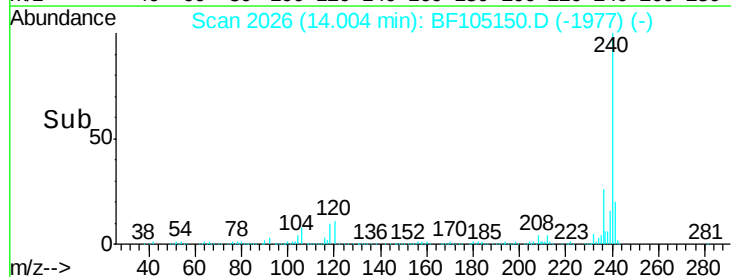
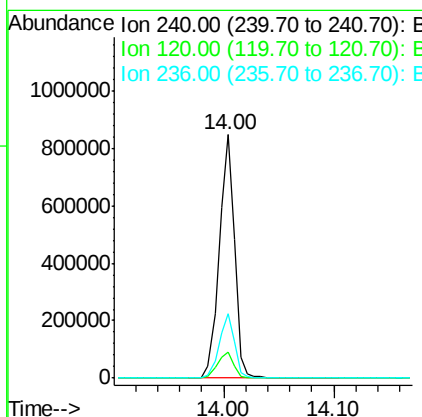
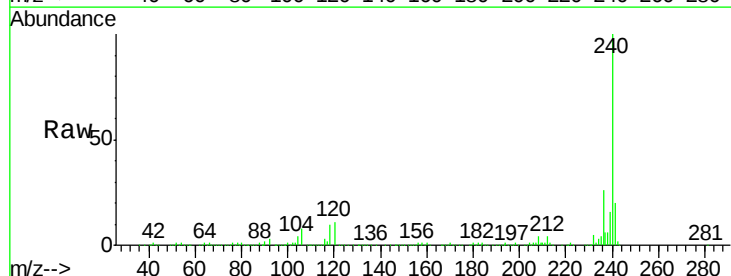
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

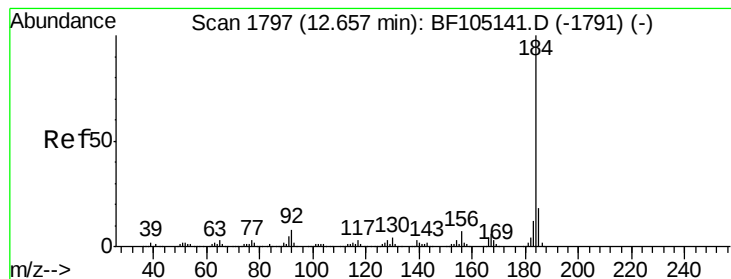
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	0.0	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.5	20.7	31.1





#76

Benzidine

Concen: 1.239 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.25 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

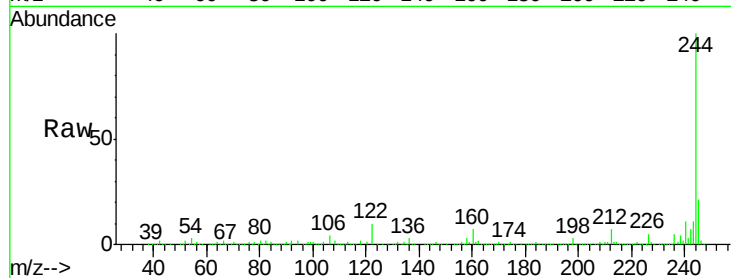
Tot Ion:184 Resp: 37790

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

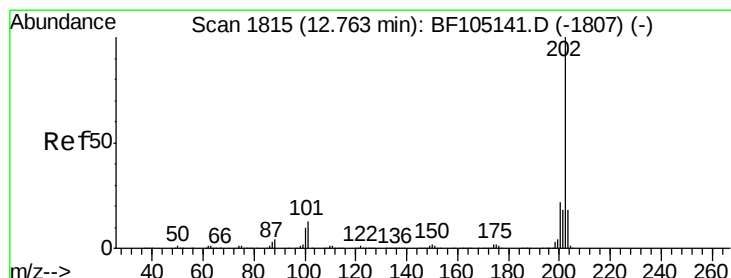
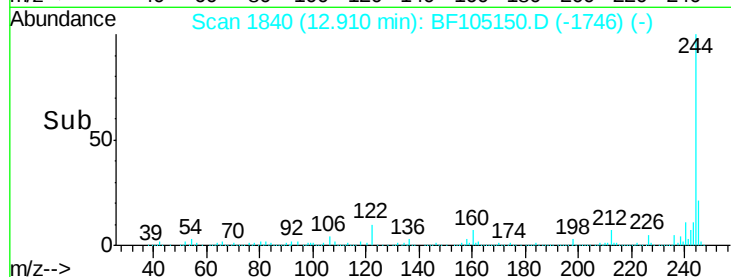
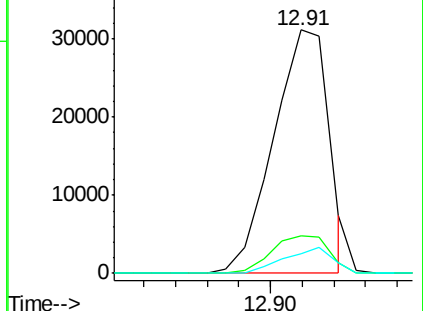
183 8.1 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.009 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

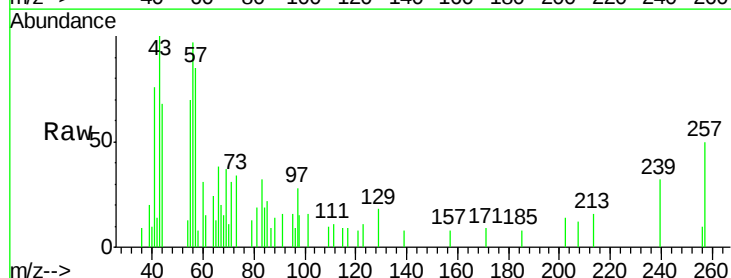
Tgt Ion:202 Resp: 514

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

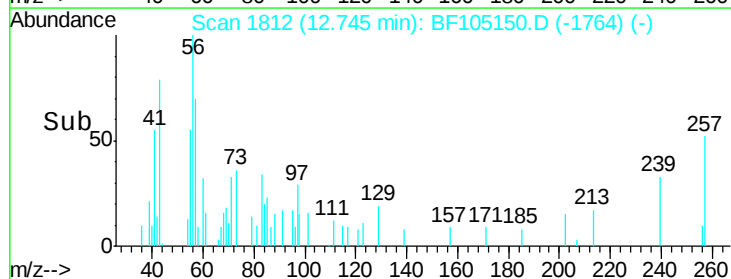
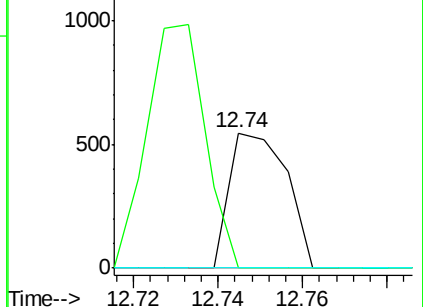
203 0.0 14.3 21.5#

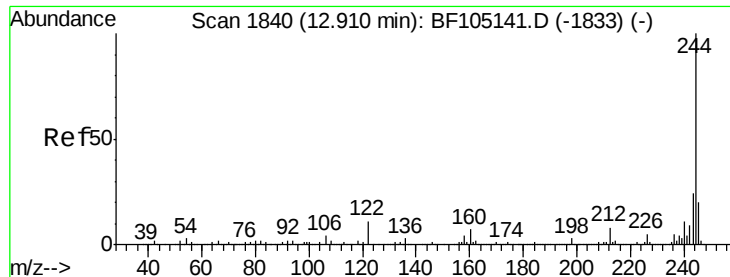


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.880 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

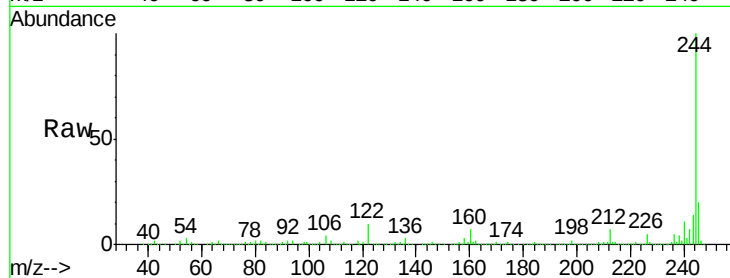
Tot Ion:244 Resp: 2950037

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

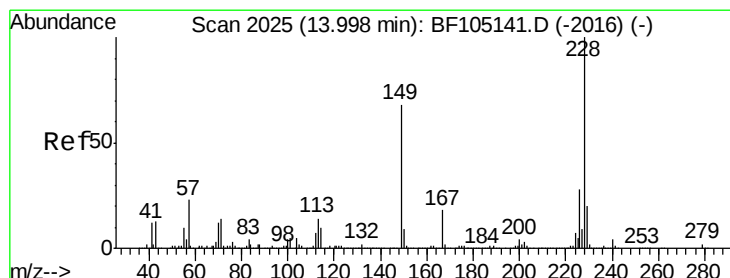
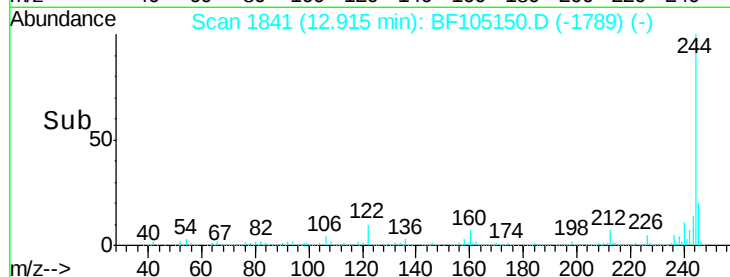
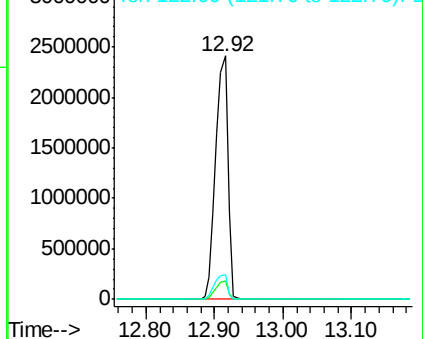
122 9.9 11.0 16.4#



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: 0.046 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

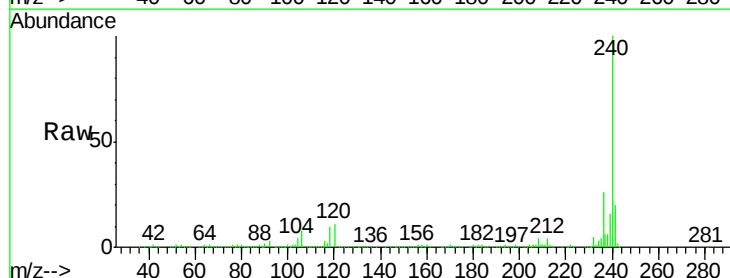
Tgt Ion:228 Resp: 2284

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

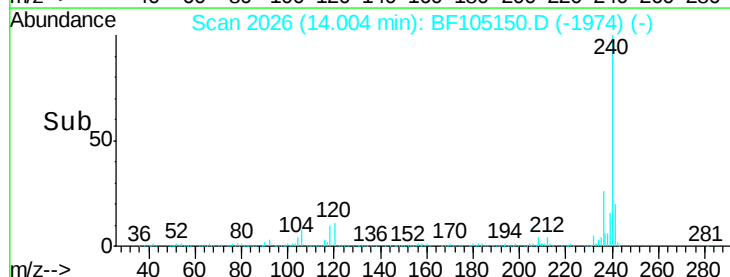
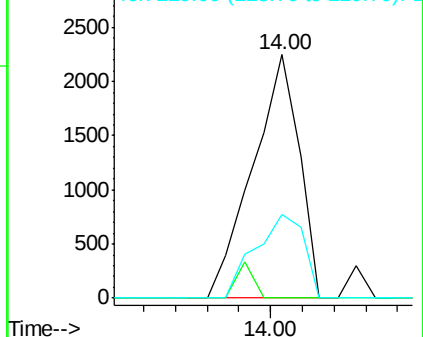
229 34.1 15.8 23.6#

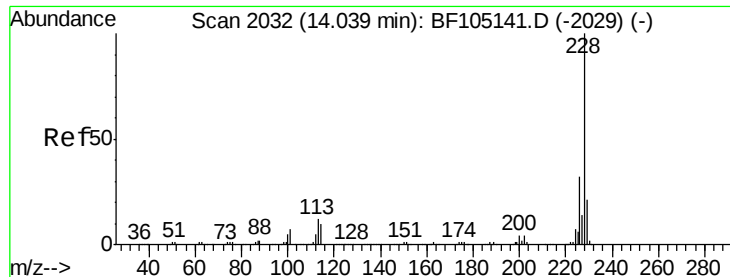


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.002 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

Instrument :

BNA_F

ClientSampleId :

050118-SIDI-E-D-B

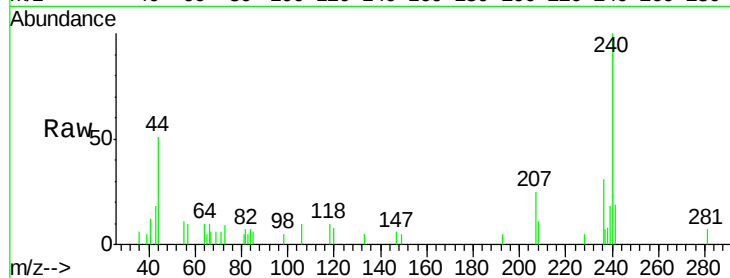
Tot Ion:228 Resp: 107

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

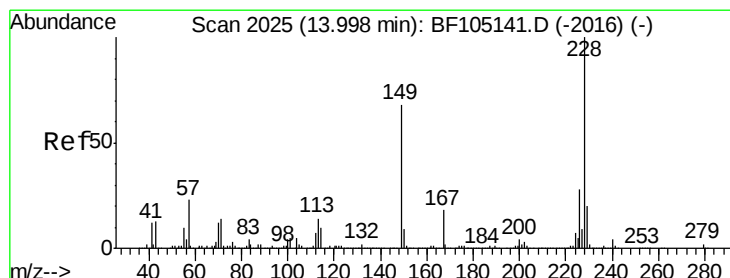
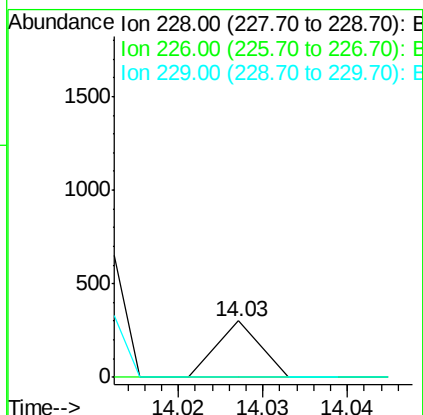
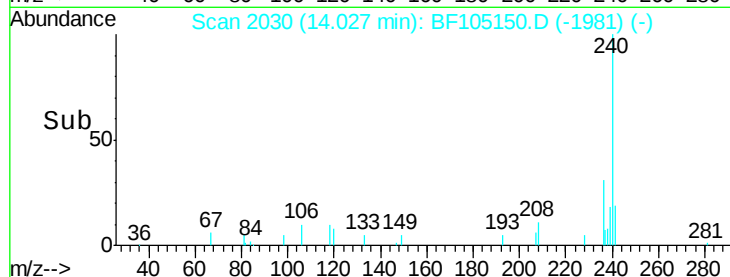
229 0.0 16.2 24.4#



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: 0.117 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105150.D

Acq: 8 May 2018 18:06

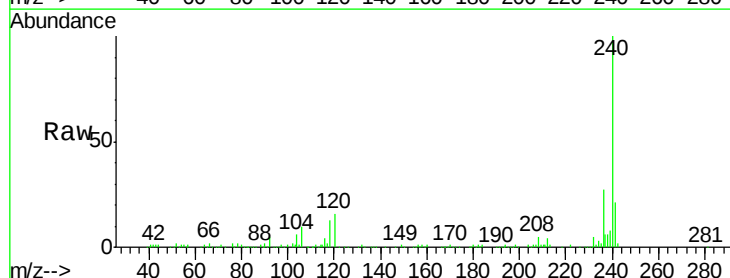
Tgt Ion:149 Resp: 2886

Ion Ratio Lower Upper

149 100

167 21.3 21.3 31.9

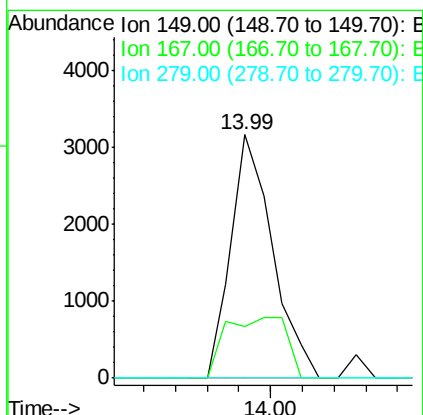
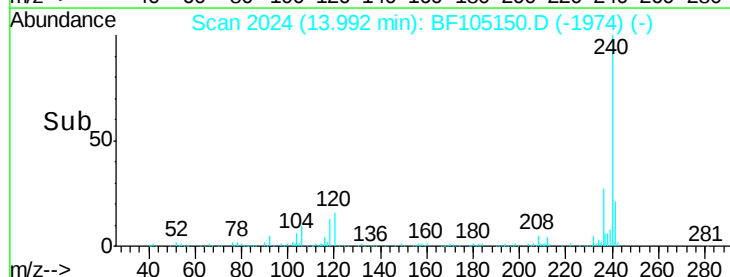
279 0.0 3.0 4.4#

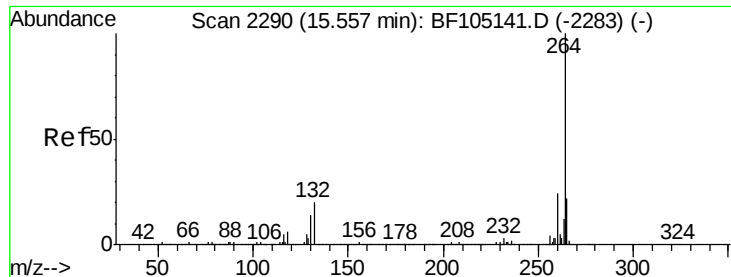


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

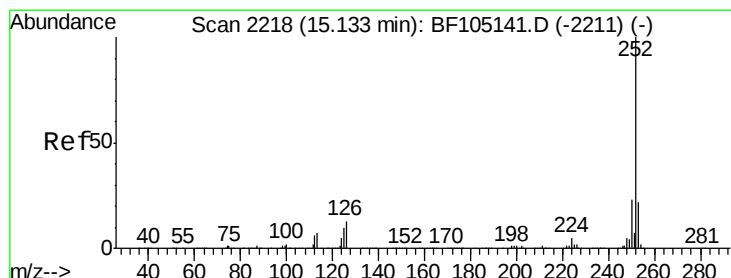
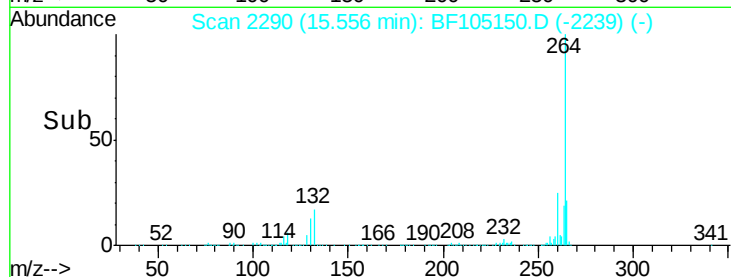
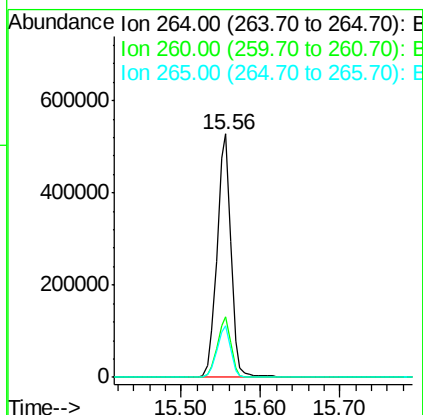
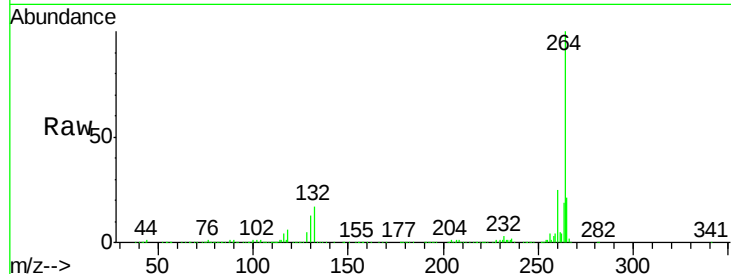




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

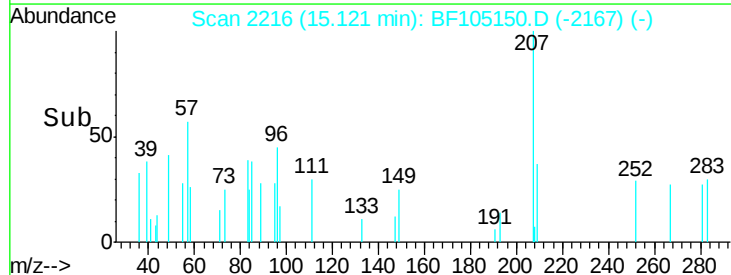
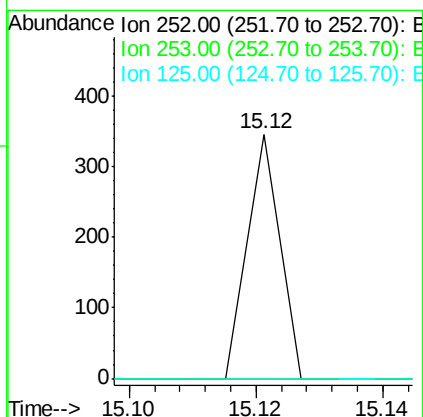
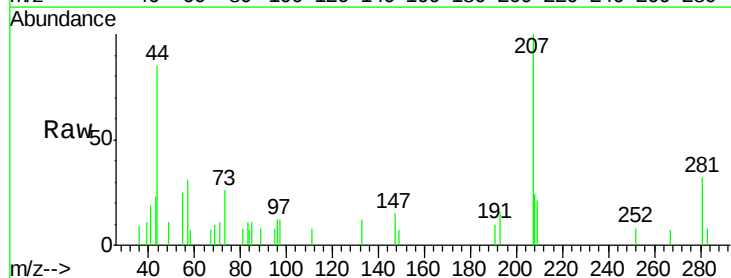
Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-B

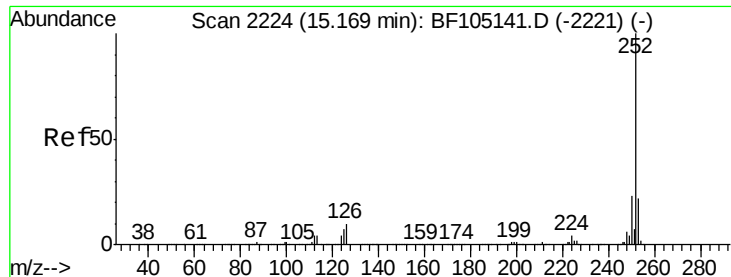
Tot Ion:264 Resp: 644378
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion:252 Resp: 122
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#

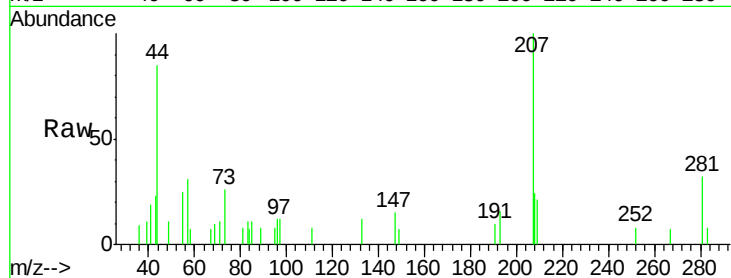




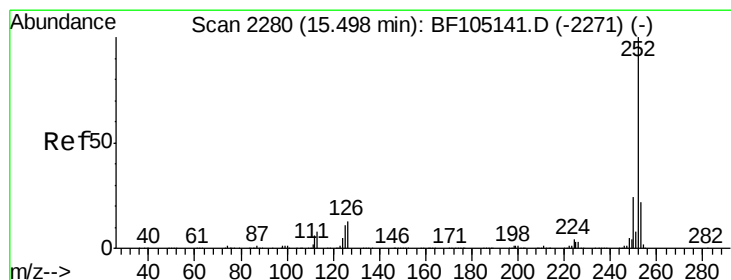
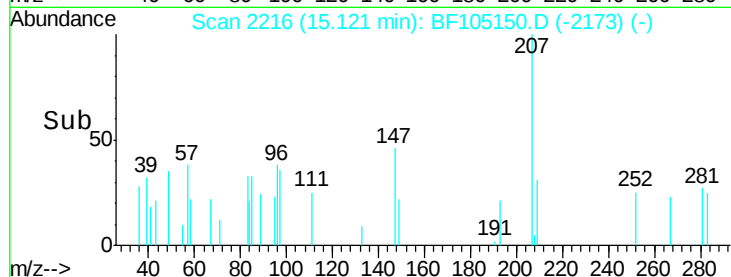
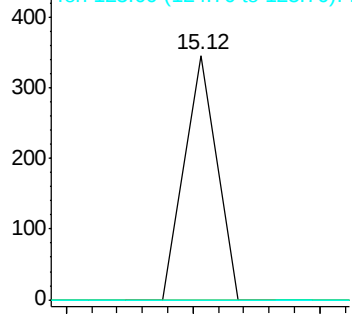
#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	10.2	15.2#

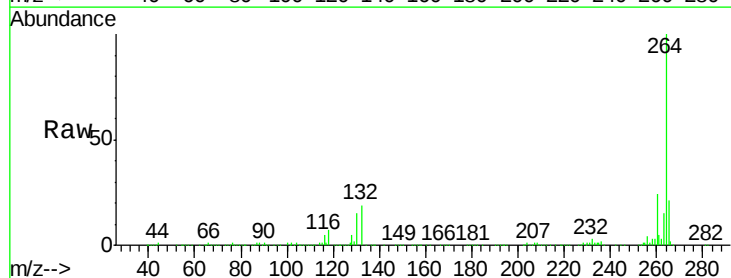


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.060 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.05 min
Lab File: BF105150.D
Acq: 8 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.1	25.7#
125	23.2	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

