

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111600.D
 Acq On : 19 Dec 2018 19:53
 Operator : JU/SJ
 Sample : J6403-33RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Quant Time: Dec 20 03:23:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177217	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	662260	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	331717	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	632402	20.00	ng	0.00
76) Chrysene-d12	14.04	240	477396	20.00	ng	0.00
87) Perylene-d12	15.52	264	501661	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	841052	80.90	ng	0.00
7) Phenol-d6	6.52	99	1083014	81.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	650779	57.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	304546	77.70	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1175725	51.66	ng	0.00
79) Terphenyl-d14	12.99	244	1153918	45.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	1541	0.315	ng	# 32
3) Pyridine	3.55	79	121	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.40	42	2346	0.376	ng	# 1
6) Aniline	6.56	93	117	0.007	ng	# 41
8) 2-Chlorophenol	6.67	128	127	0.011	ng	# 1
9) Benzaldehyde	6.44	77	1483	0.163	ng	89
10) Phenol	6.52	94	68008	4.555	ng	90
11) bis(2-Chloroethyl)ether	6.66	93	1386	0.124	ng	# 1
12) 1,3-Dichlorobenzene	6.91	146	171	0.013	ng	# 59
13) 1,4-Dichlorobenzene	6.91	146	171	0.013	ng	# 60
14) 1,2-Dichlorobenzene	6.91	146	171	0.014	ng	# 57
15) Benzyl Alcohol	7.05	79	12123	1.154	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.18	45	114	0.006	ng	72
17) 2-Methylphenol	7.13	107	128	0.014	ng	# 67
18) Hexachloroethane	7.43	117	126	0.028	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	89021	10.131	ng	# 80
20) 3+4-Methylphenols	7.28	107	796	0.068	ng	# 64
22) Acetophenone	7.29	105	1430	0.085	ng	# 79
24) Nitrobenzene	7.45	77	2691	0.226	ng	# 34
25) Isophorone	7.45	82	650455	32.203	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	140	0.015	ng	# 6
28) bis(2-Chloroethoxy)methane	8.19	93	808	0.060	ng	# 49
31) Naphthalene	8.19	128	28432	0.894	ng	96
32) Benzoic acid	7.84	122	238	0.038	ng	# 62
33) 4-Chloroaniline	8.19	127	3698	0.269	ng	# 35
36) 4-Chloro-3-methylphenol	8.83	107	111	0.011	ng	# 20
37) 2-Methylnaphthalene	8.89	142	13472	0.651	ng	98
38) 1-Methylnaphthalene	8.99	142	10712	0.539	ng	92
46) 1,1'-Biphenyl	9.35	154	6628	0.237	ng	89
47) 2-Chloronaphthalene	9.43	162	811	0.037	ng	# 35
48) 2-Nitroaniline	9.45	65	120	0.021	ng	# 6
49) Acenaphthylene	9.79	152	10859	0.335	ng	96
50) Dimethylphthalate	9.64	163	174963	7.213	ng	97
51) 2,6-Dinitrotoluene	9.64	165	2103	0.435	ng	# 1

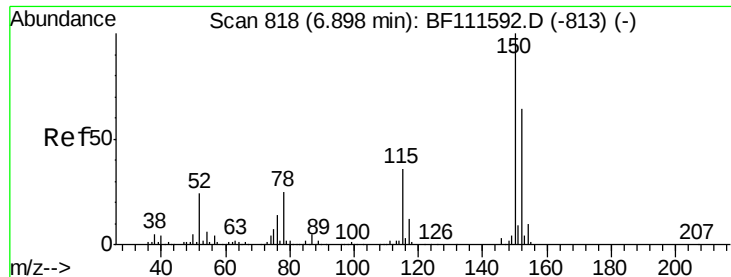
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.96	154	127082	6.361	ng	98
53) 3-Nitroaniline	10.13	138	937	0.182	ng	# 1
55) Dibenzofuran	10.13	168	56021	1.856	ng	93
56) 4-Nitrophenol	9.96	139	1097	0.279	ng	81
57) 2,4-Dinitrotoluene	9.93	165	44314	7.623	ng	# 25
58) Fluorene	10.47	166	82936	3.813	ng	98
60) Diethylphthalate	10.34	149	2910	0.122	ng	# 85
62) 4-Nitroaniline	10.47	138	1028	0.205	ng	# 23
63) Azobenzene	10.63	77	1062	0.044	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.71	198	547	6.873	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	1310	0.062	ng	# 1
67) 4-Bromophenyl-phenylether	10.71	248	18707	2.385	ng	# 1
69) Atrazine	11.10	200	126	0.017	ng	# 36
71) Phenanthrene	11.43	178	442585	13.196	ng	94
72) Anthracene	11.48	178	91885	2.729	ng	95
73) Carbazole	11.63	167	32869	1.006	ng	95
74) Di-n-butylphthalate	11.97	149	8173	0.223	ng	# 95
75) Fluoranthene	12.62	202	531322	15.644	ng	95
77) Benzidine	12.99	184	13431	0.748	ng	98
78) Pyrene	12.84	202	445996	13.229	ng	97
80) Butylbenzylphthalate	13.46	149	7704	0.561	ng	97
81) Benzo(a)anthracene	14.03	228	208161	7.640	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	120	0.011	ng	# 1
83) Chrysene	14.07	228	189701	7.084	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	13830	0.799	ng	# 96
85) Di-n-octyl phthalate	14.64	149	1623	0.061	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.83	276	23098	1.015	ng	96
88) Benzo(b)fluoranthene	15.19	252	39885	1.360	ng	93
89) Benzo(k)fluoranthene	15.09	252	343415	12.303	ng	97
90) Benzo(a)pyrene	15.39	252	126205	4.738	ng	98
91) Dibenzo(a,h)anthracene	17.22	278	25471	1.092	ng	95
92) Benzo(g,h,i)perylene	17.43	276	110584	4.855	ng	# 86

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

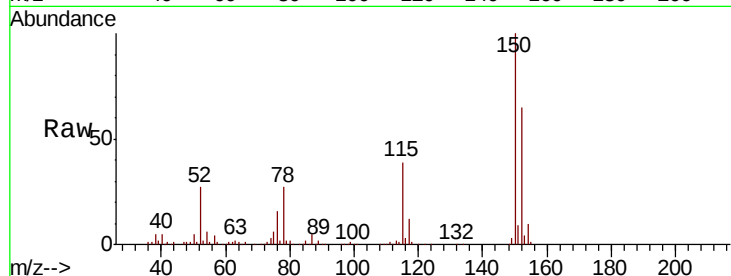


#1

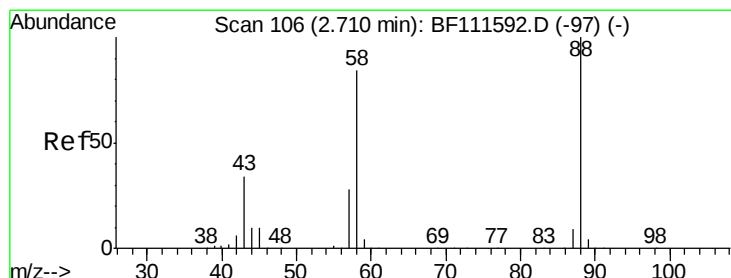
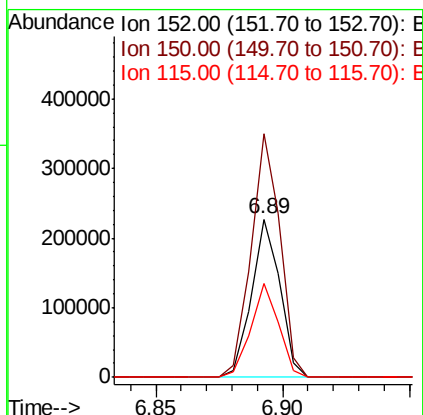
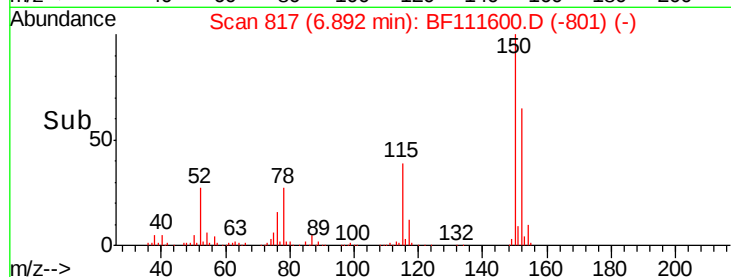
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:152 Resp: 177217
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 59.7 50.7 76.1



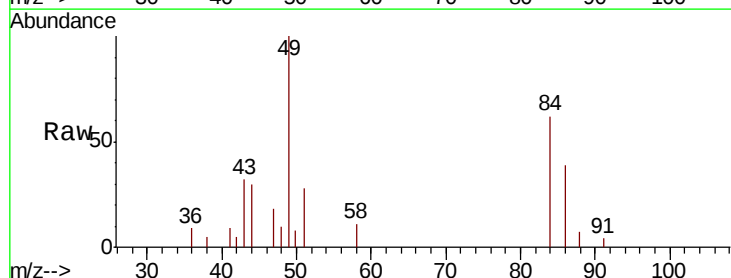
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



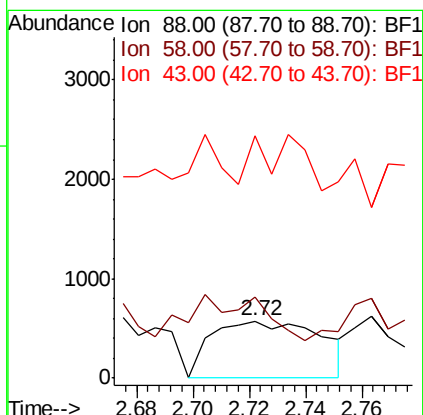
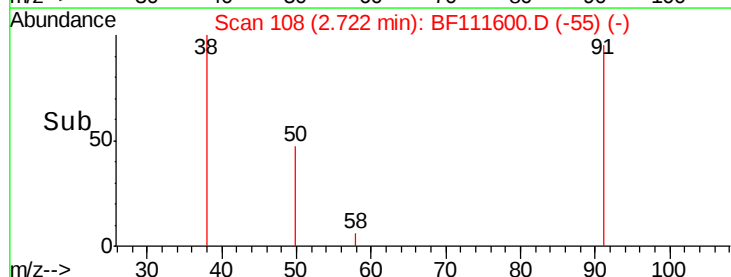
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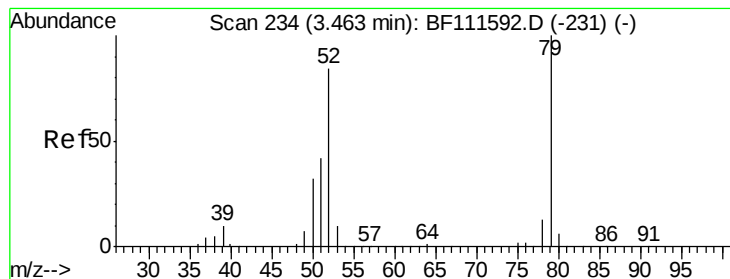
1,4-Dioxane
Concen: 0.315 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 88 Resp: 1541
Ion Ratio Lower Upper
88 100
58 0.0 68.9 103.3#
43 31.7 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.009 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

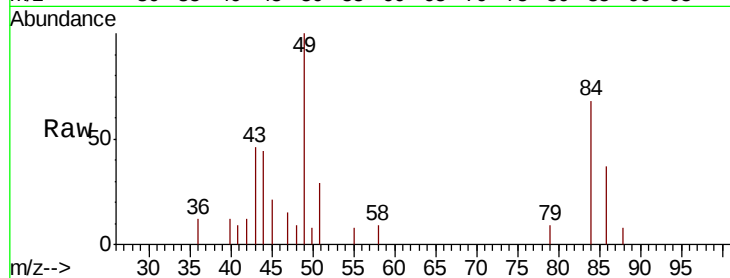
Tgt Ion: 79 Resp: 121

Ion Ratio Lower Upper

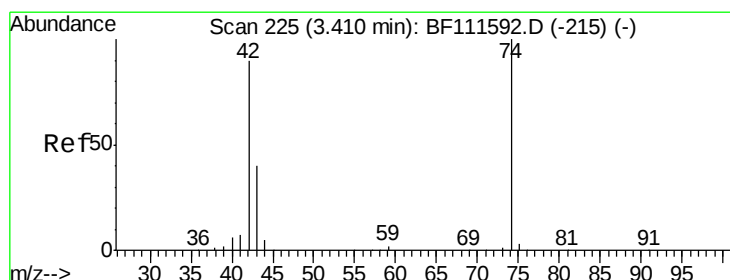
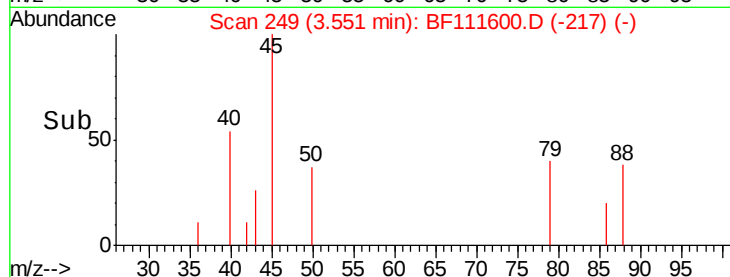
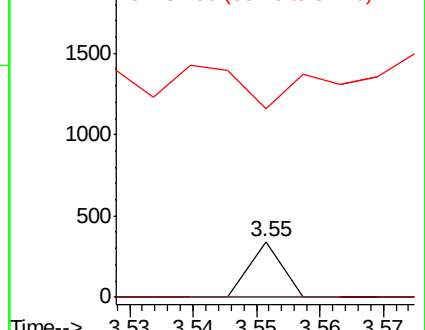
79 100

52 0.0 68.3 102.5#

51 338.1 32.6 49.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

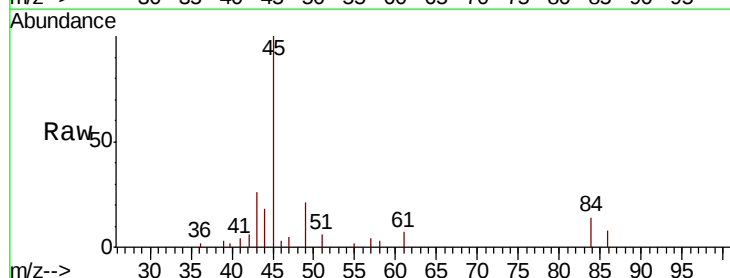
Tgt Ion: 42 Resp: 2346

Ion Ratio Lower Upper

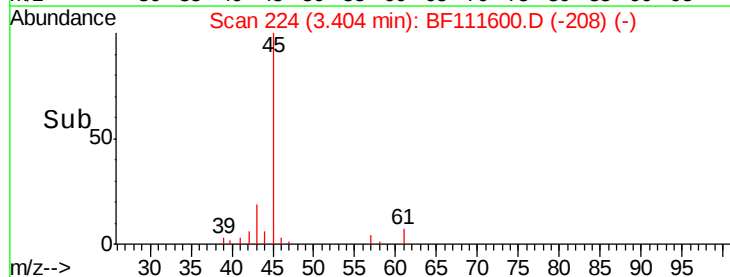
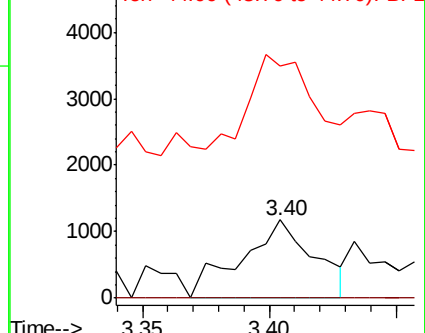
42 100

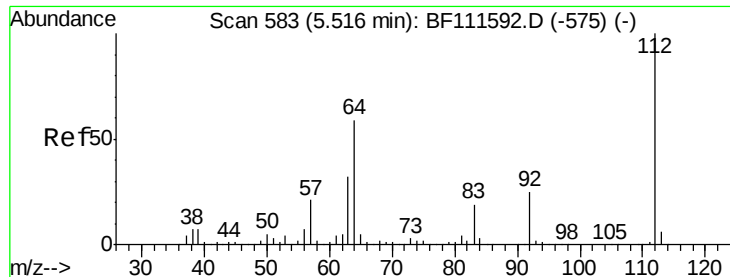
74 0.0 101.5 152.3#

44 295.9 6.0 9.0#



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: 80.895 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

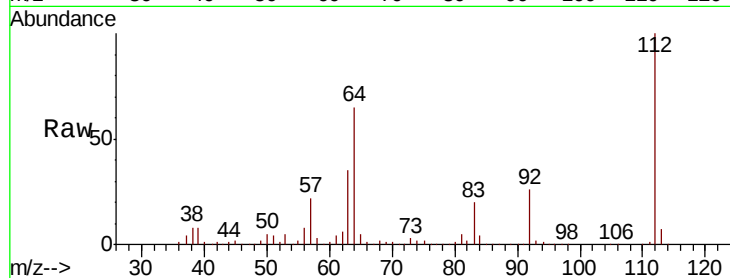
Tgt Ion: 112 Resp: 841052

Ion Ratio Lower Upper

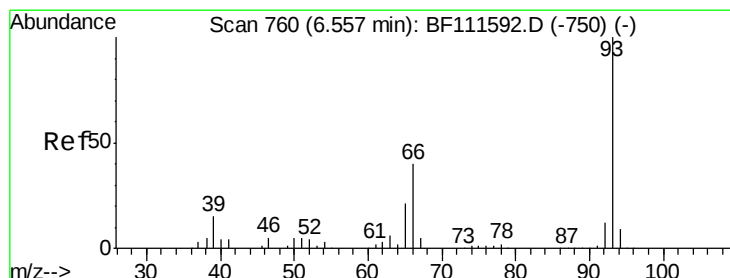
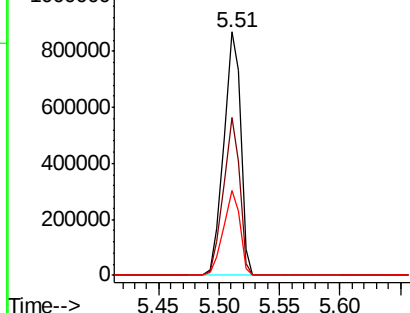
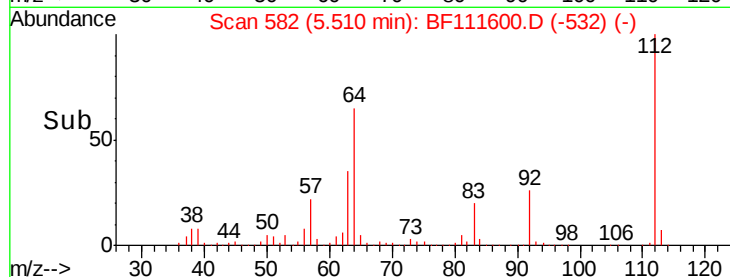
112 100

64 65.0 51.8 77.6

63 35.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.007 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

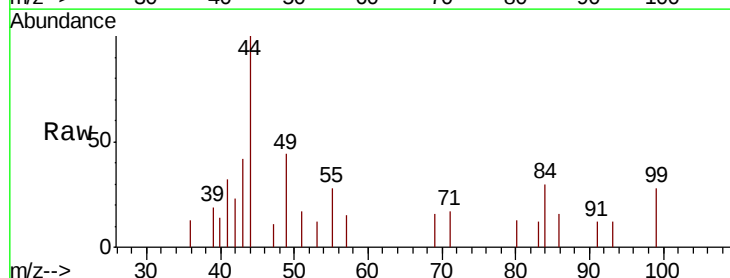
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

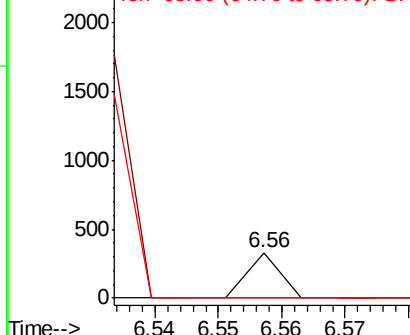
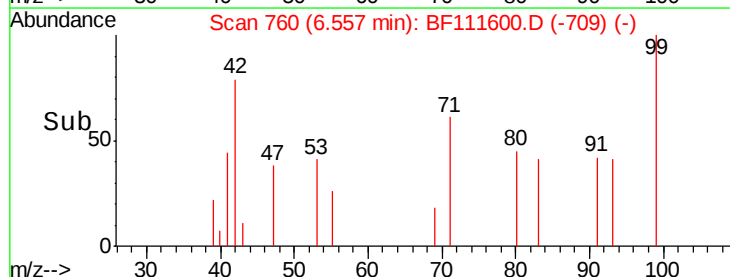
93 100

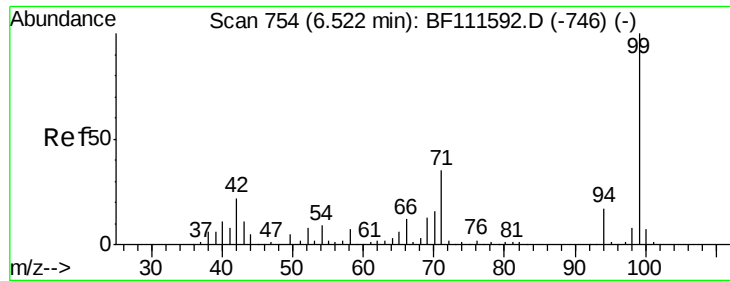
66 0.0 33.2 49.8#

65 0.0 17.0 25.4#



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: 81.851 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

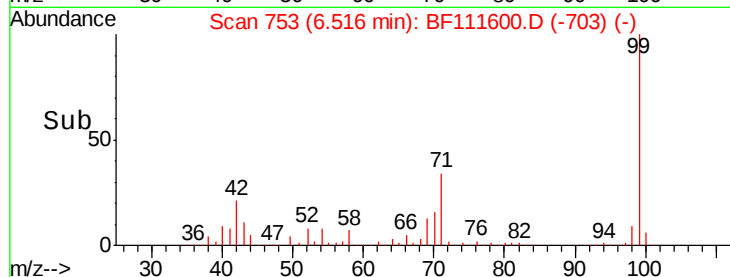
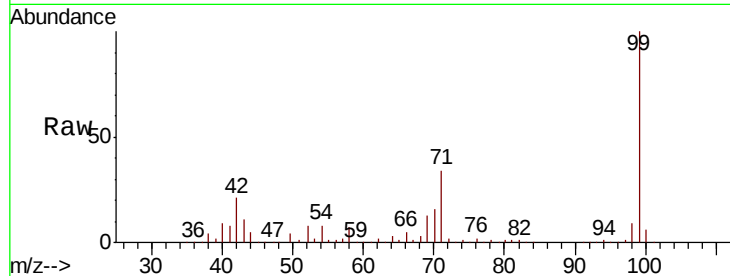
Tgt Ion: 99 Resp: 1083014

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

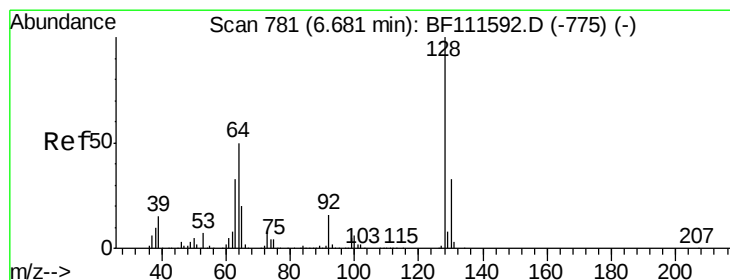
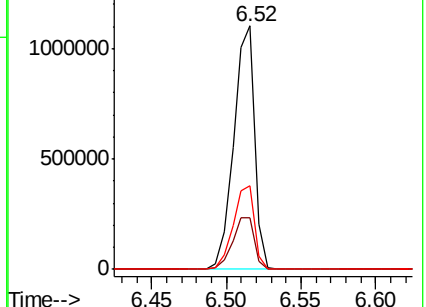
71 34.2 26.1 39.1



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: 0.011 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

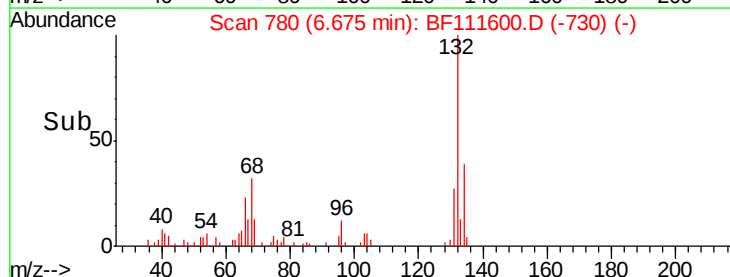
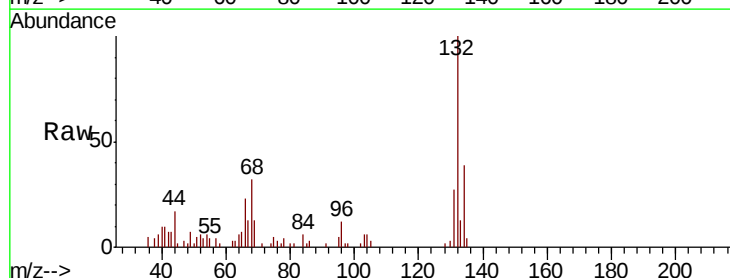
Tgt Ion: 128 Resp: 127

Ion Ratio Lower Upper

128 100

130 126.7 12.7 52.7#

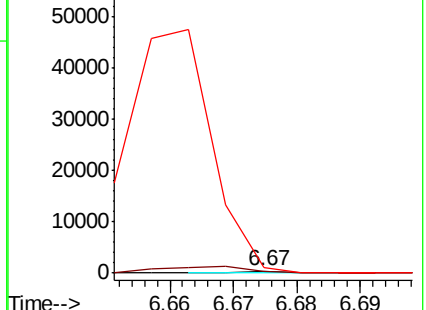
64 271.7 30.0 70.0#

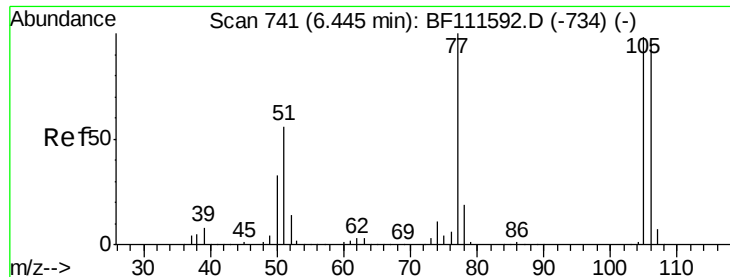


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.163 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

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ClientSampleId :

TP-5-A

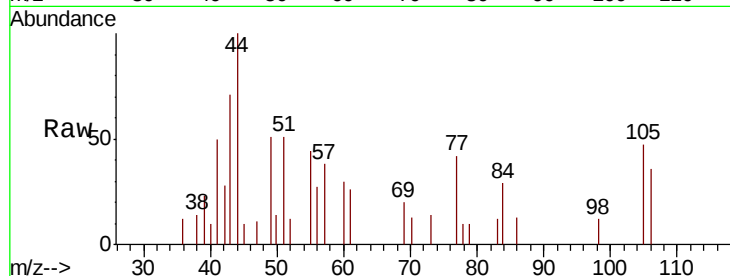
Tgt Ion: 77 Resp: 1483

Ion Ratio Lower Upper

77 100

105 110.3 81.4 121.4

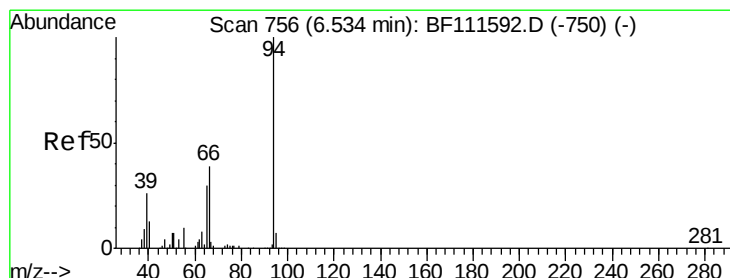
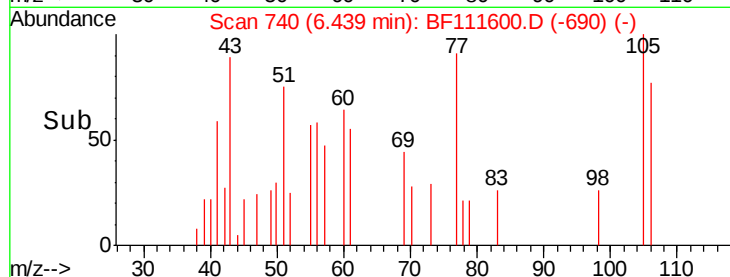
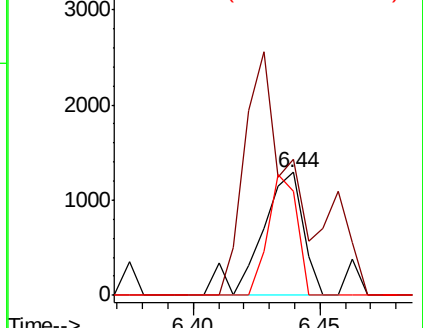
106 84.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 4.555 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

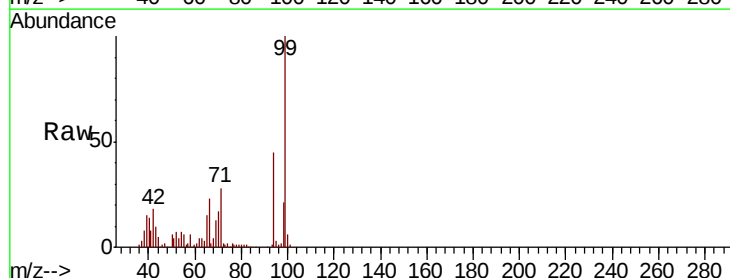
Tgt Ion: 94 Resp: 68008

Ion Ratio Lower Upper

94 100

65 33.7 11.7 51.7

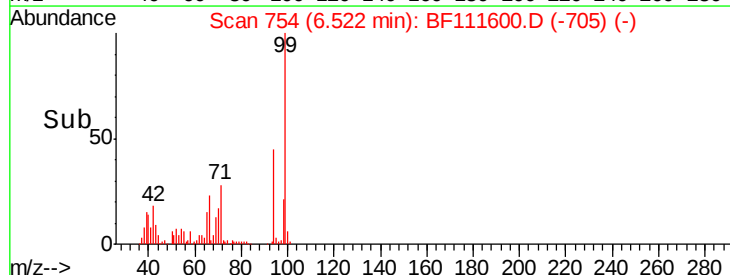
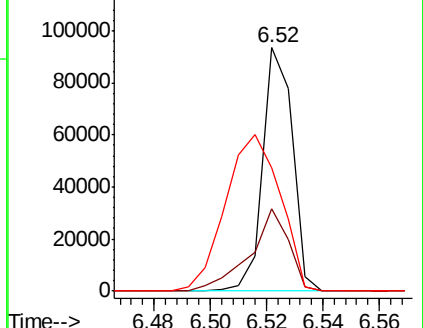
66 50.7 21.0 61.0



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

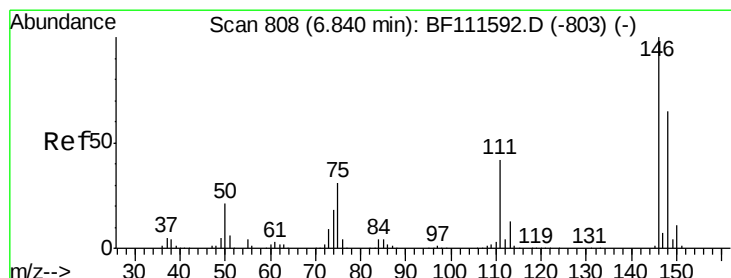
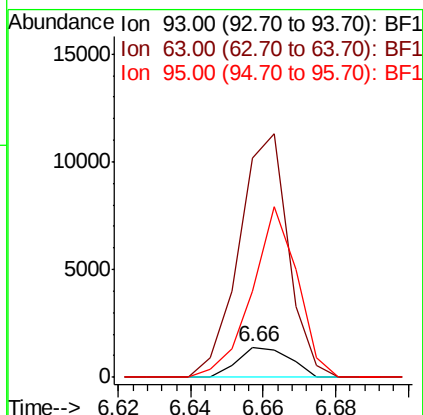
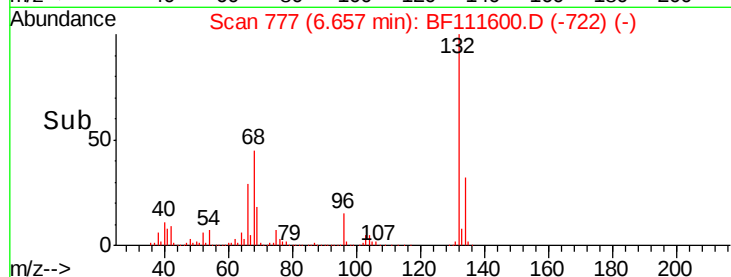
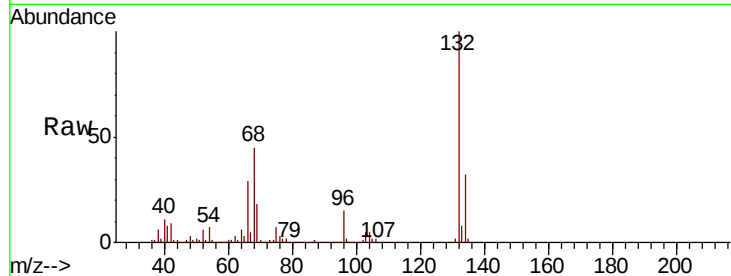




#11
bis(2-Chloroethyl)ether
Concen: 0.124 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

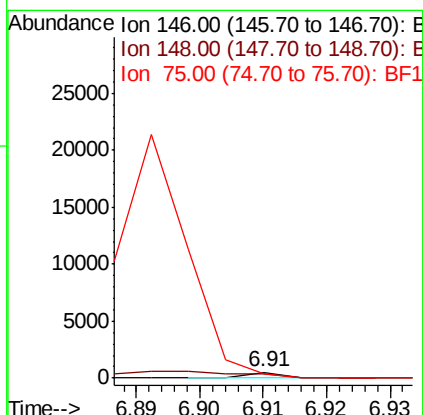
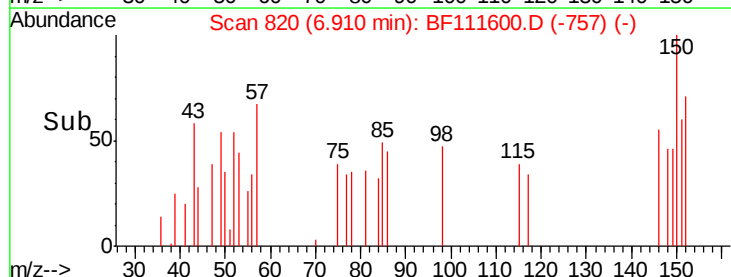
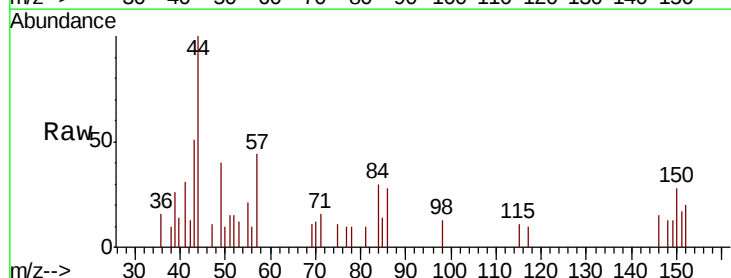
Instrument :
BNA_F
ClientSampleId :
TP-5-A

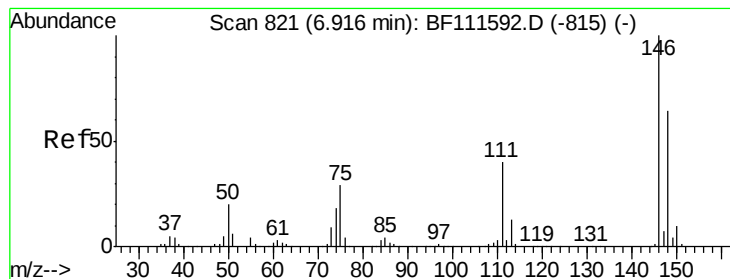
Tgt Ion: 93 Resp: 1386
Ion Ratio Lower Upper
93 100
63 720.9 60.0 100.0#
95 285.7 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.013 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.07 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 146 Resp: 171
Ion Ratio Lower Upper
146 100
148 84.3 52.1 78.1#
75 71.3 23.9 35.9#

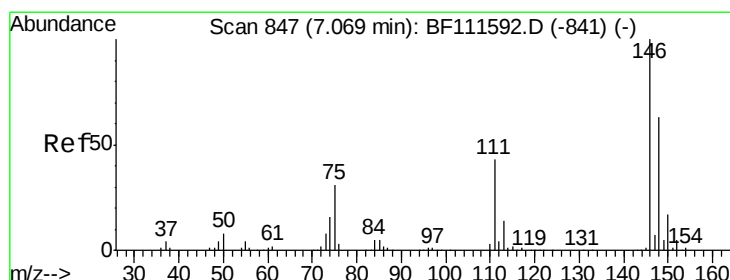
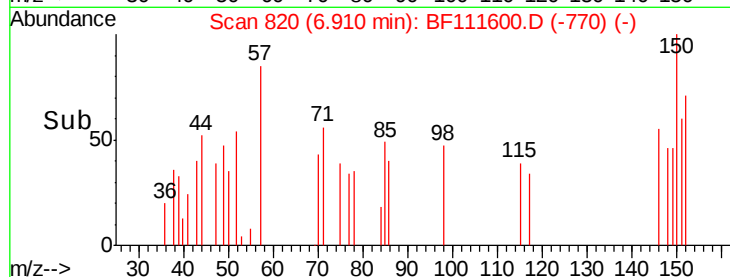
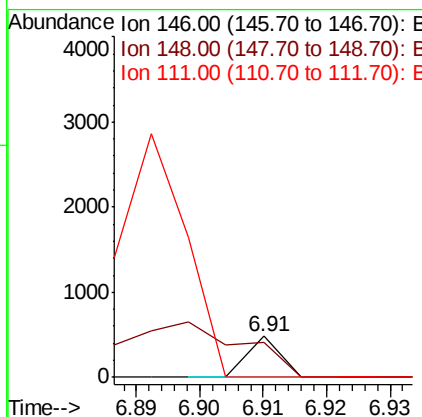
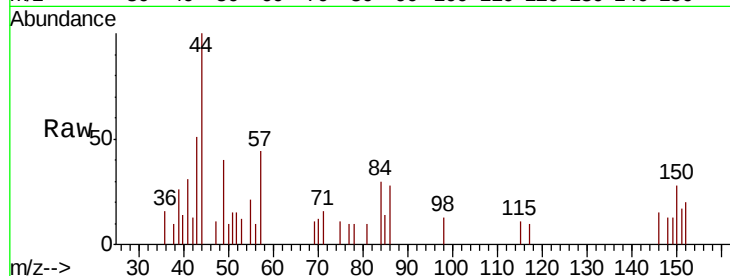




#13
 1,4-Dichlorobenzene
 Concen: 0.013 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

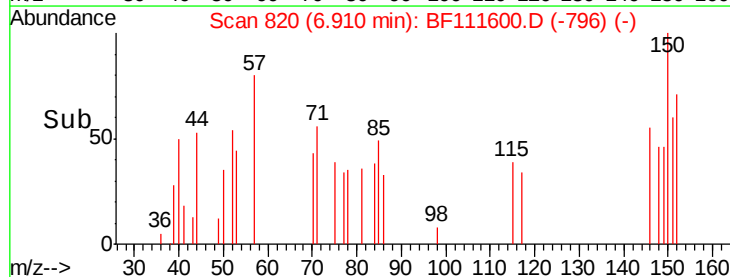
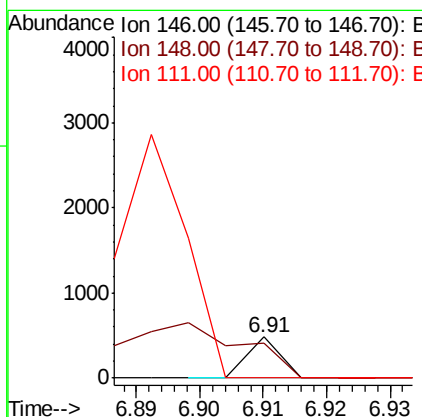
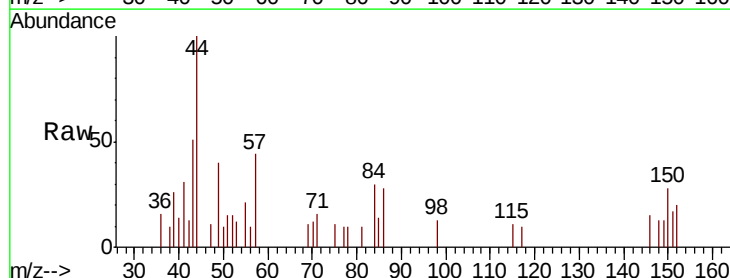
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

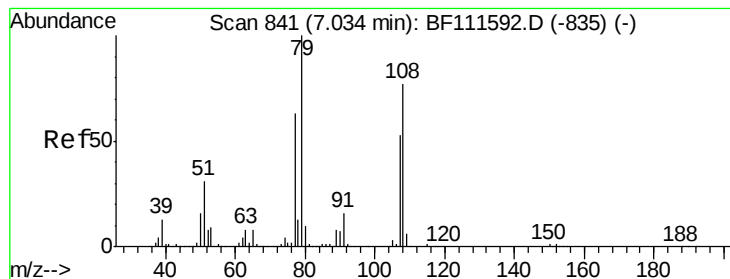
Tgt Ion:146 Resp: 171
 Ion Ratio Lower Upper
 146 100
 148 84.3 52.8 79.2#
 111 0.0 33.4 50.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.16 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Tgt Ion:146 Resp: 171
 Ion Ratio Lower Upper
 146 100
 148 84.3 51.9 77.9#
 111 0.0 36.2 54.4#





#15

Benzyl Alcohol

Concen: 1.154 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

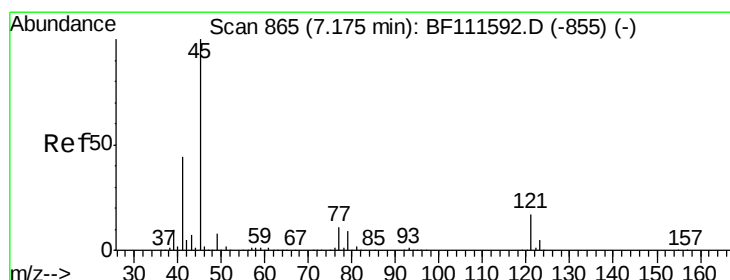
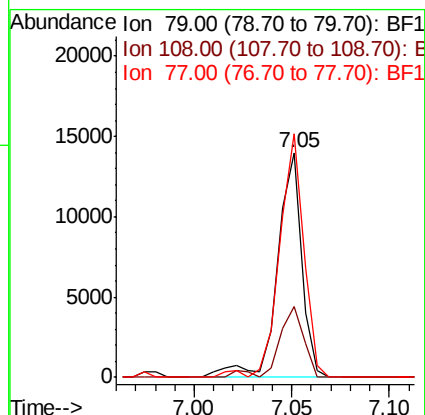
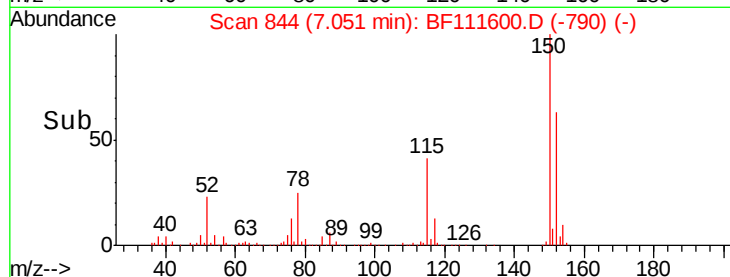
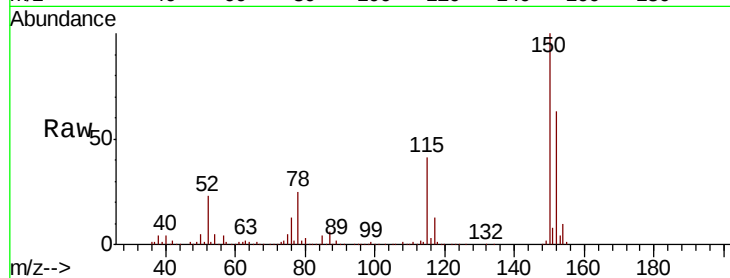
Tgt Ion: 79 Resp: 12123

Ion Ratio Lower Upper

79 100

108 31.7 69.4 104.2#

77 108.3 49.7 74.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

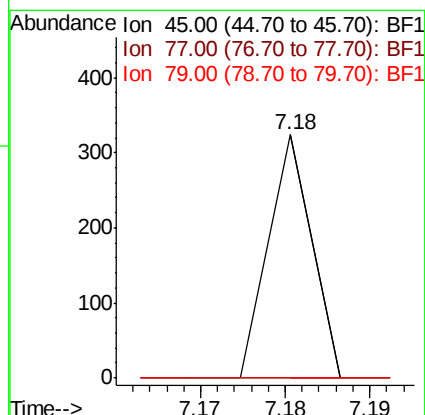
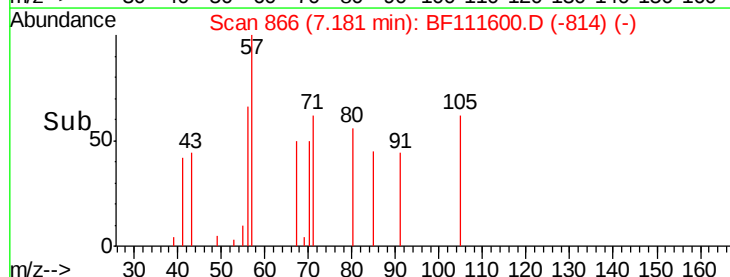
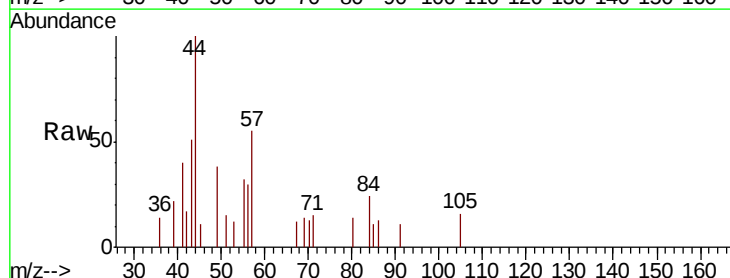
Tgt Ion: 45 Resp: 114

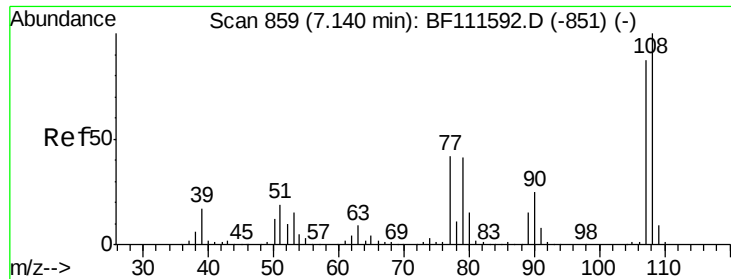
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 28.9

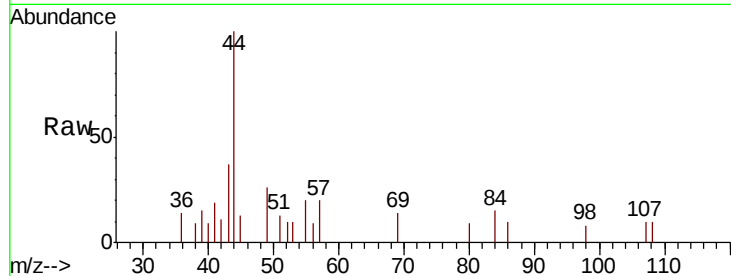




#17
2-Methylphenol
Concen: 0.014 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.6	91.0	136.4
77	0.0	33.5	50.3#
79	0.0	33.3	49.9#



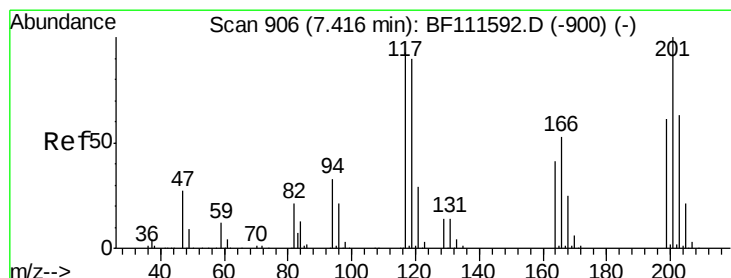
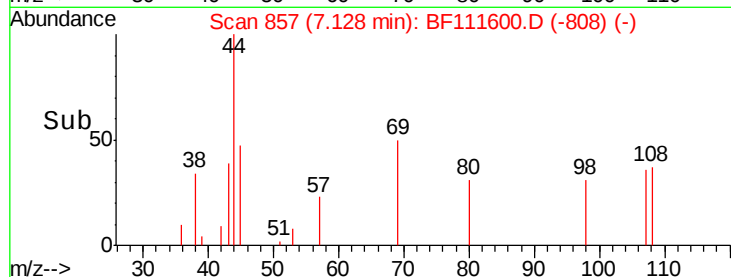
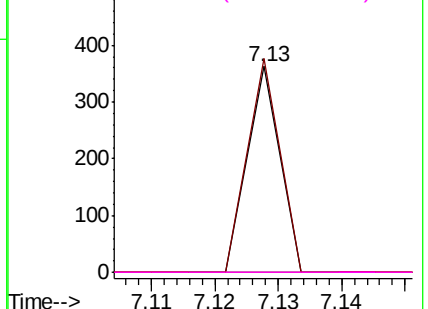
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

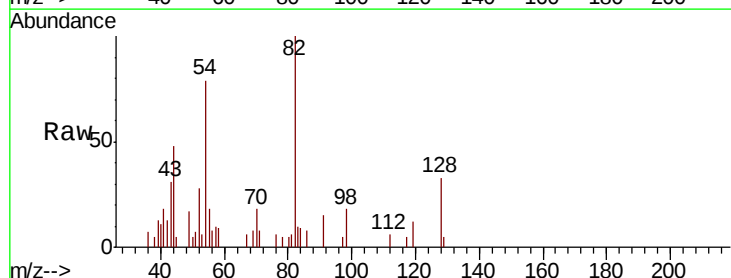
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 0.028 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	222.6	75.4	113.0#
201	0.0	62.4	93.6#

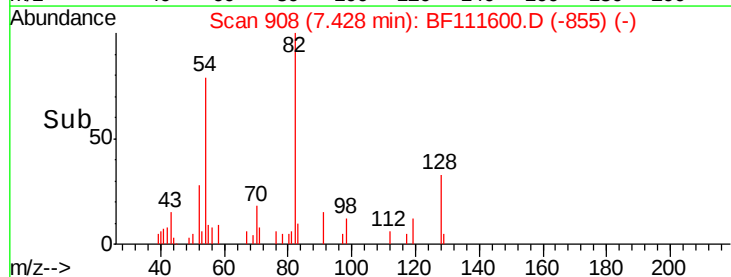
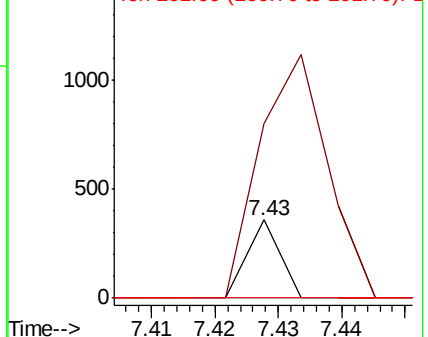


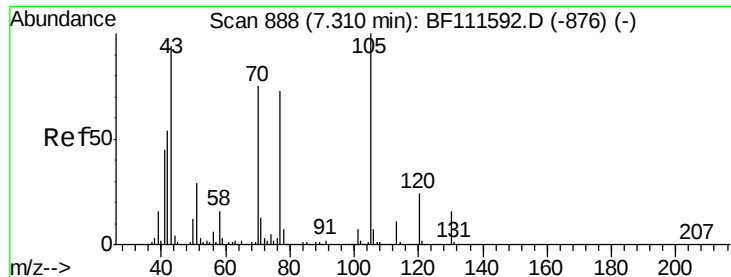
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 10.131 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

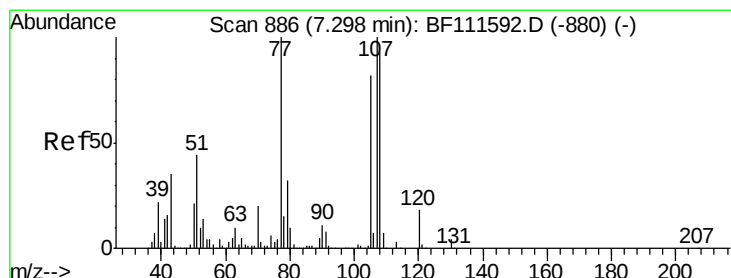
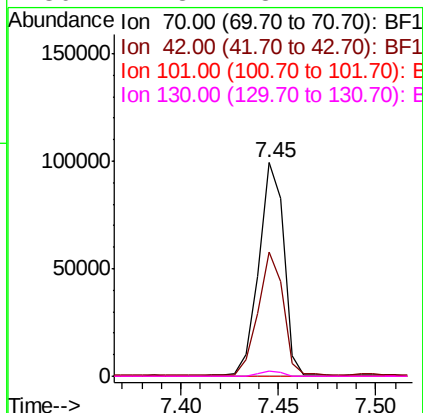
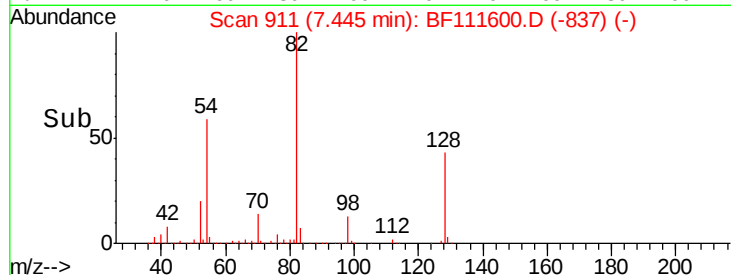
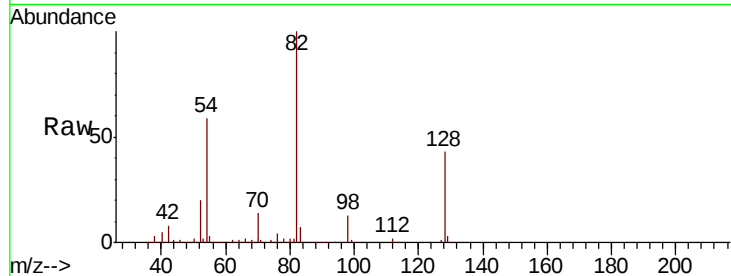
Instrument :

BNA_F

ClientSampleId :

TP-5-A

Tgt Ion:	70	Resp:	89021
Ion	Ratio	Lower	Upper
70	100		
42	58.1	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



#20

3+4-Methylphenols

Concen: 0.068 ng

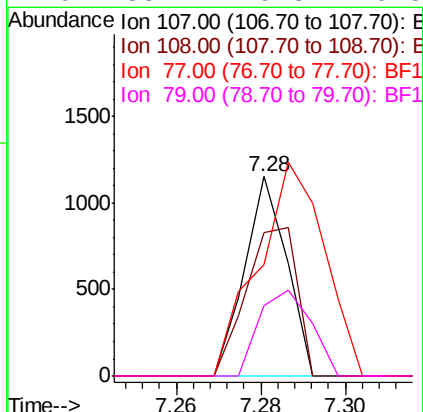
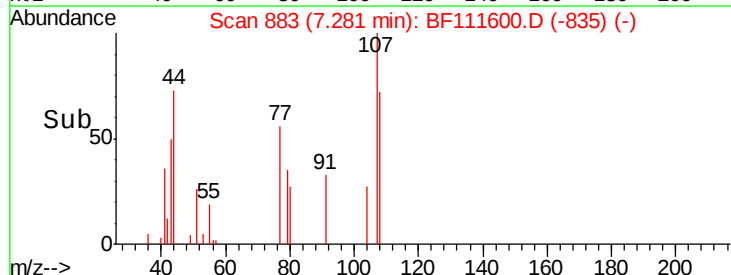
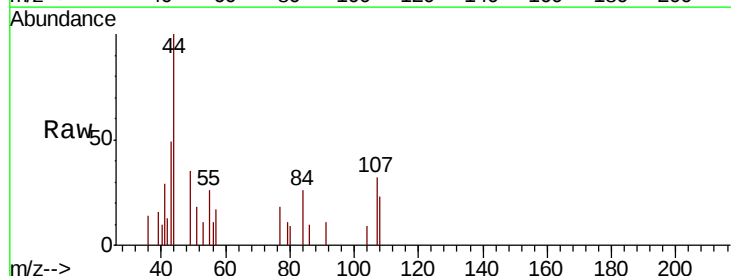
RT: 7.28 min Scan# 883

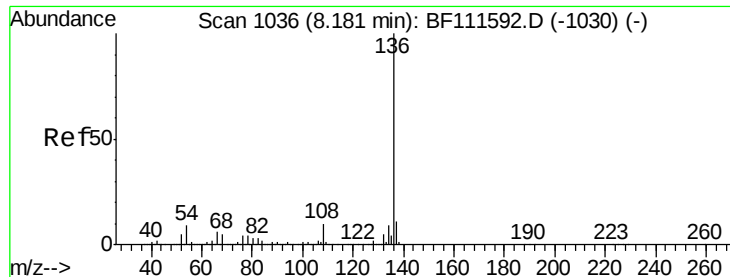
Delta R.T. -0.02 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Tgt Ion:	107	Resp:	796
Ion	Ratio	Lower	Upper
107	100		
108	72.1	72.1	112.1#
77	55.8	94.1	134.1#
79	35.2	9.8	49.8

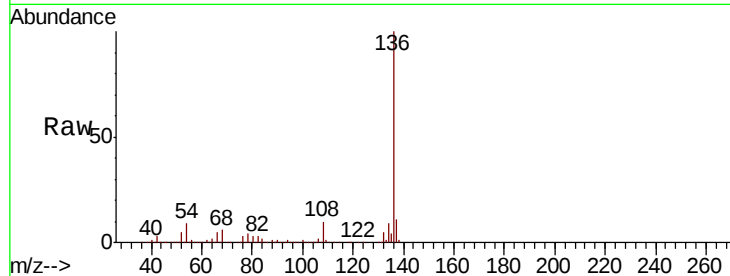




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:	136	Resp:	662260
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.0	7.7	11.5
68	5.6	4.9	7.3



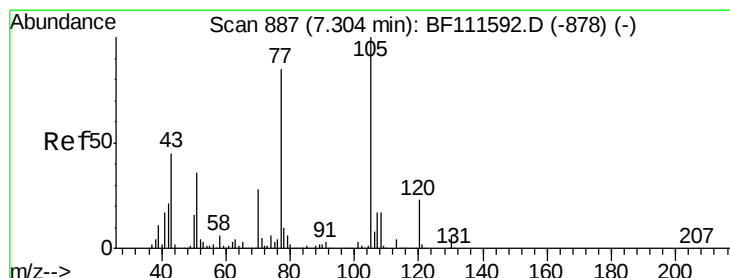
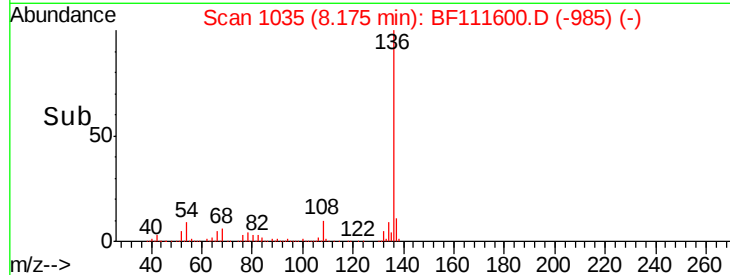
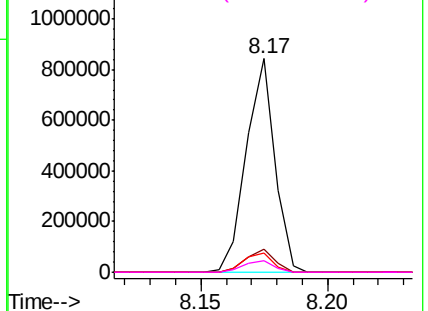
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

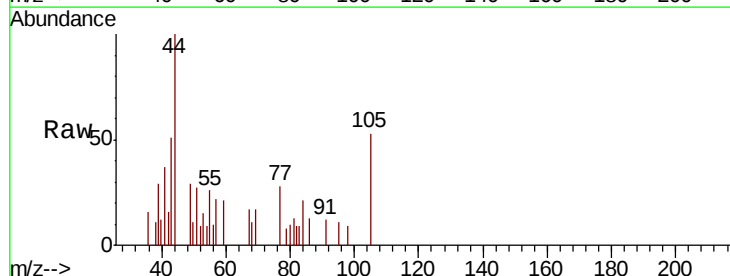
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.085 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:	105	Resp:	1430
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.1	4.7#
51	51.3	36.6	54.8
120	0.0	18.2	27.4#



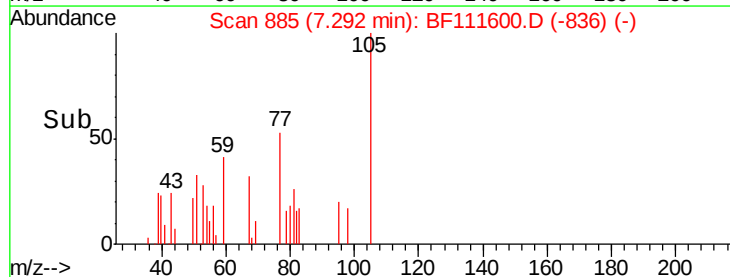
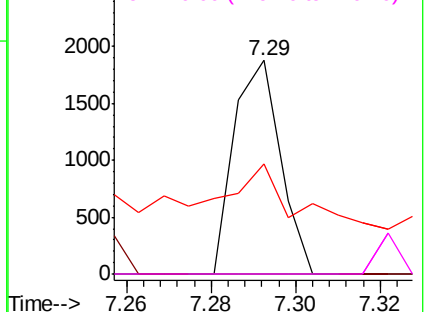
Abundance

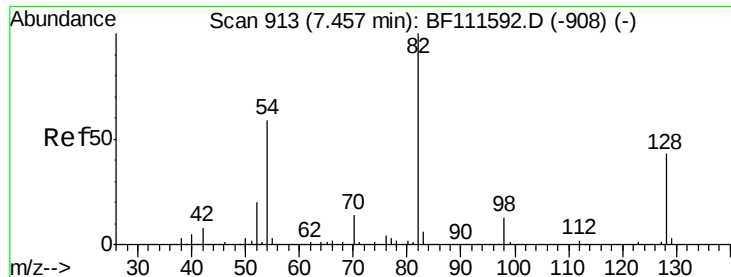
Ion 105.00 (104.70 to 105.70): E

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

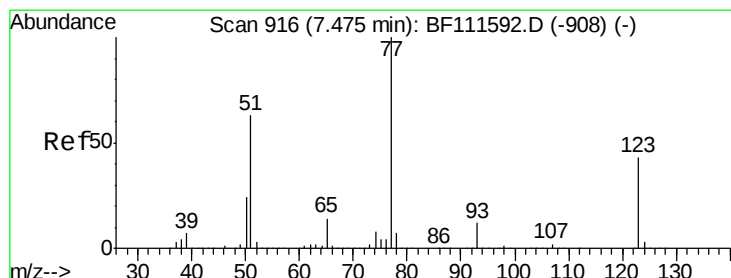
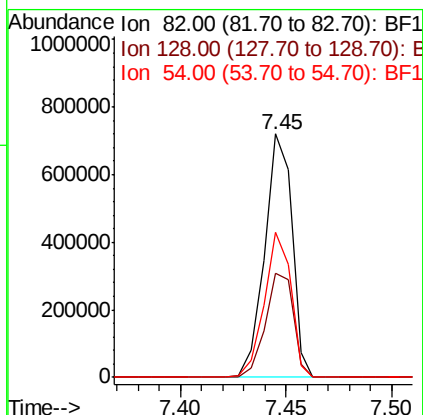
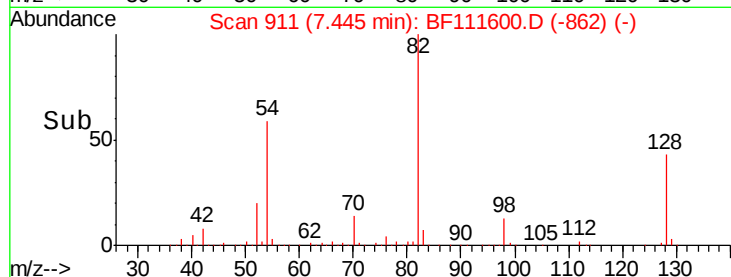
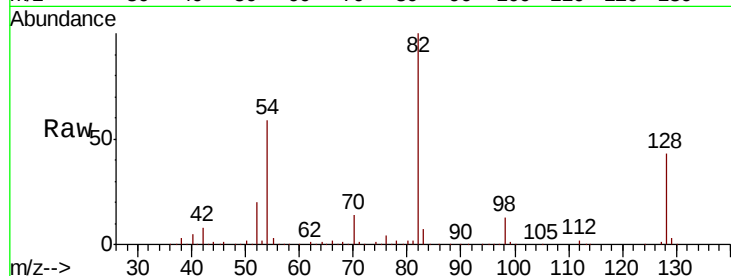




#23
Nitrobenzene-d5
Concen: 57.199 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

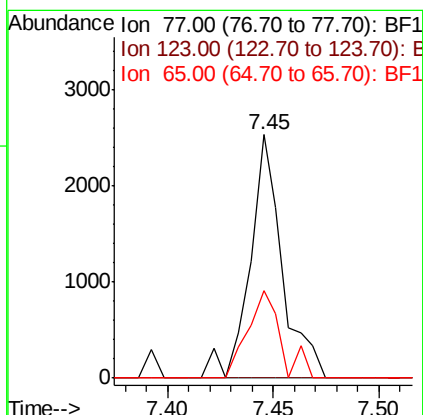
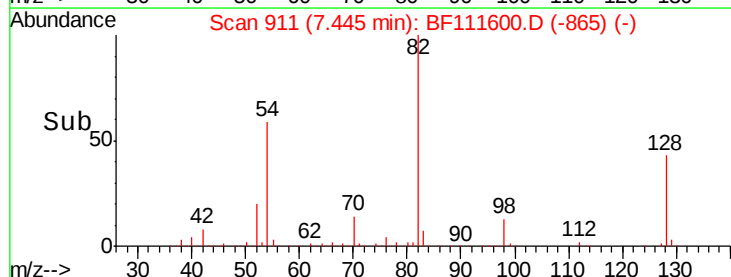
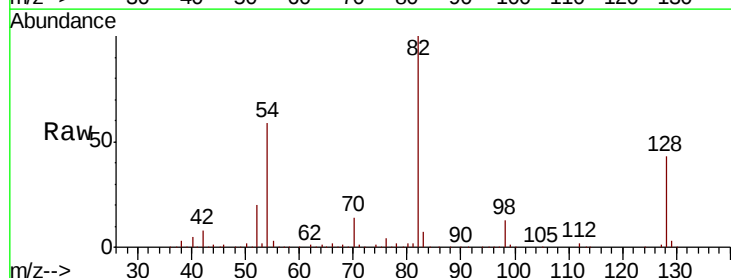
Instrument :
BNA_F
ClientSampleID :
TP-5-A

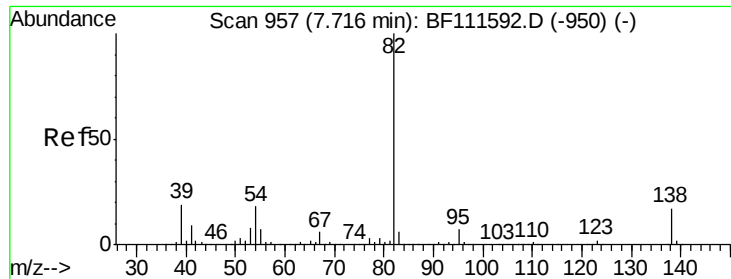
Tgt Ion: 82 Resp: 650779
Ion Ratio Lower Upper
82 100
128 43.0 37.4 56.2
54 59.4 47.6 71.4



#24
Nitrobenzene
Concen: 0.226 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 77 Resp: 2691
Ion Ratio Lower Upper
77 100
123 0.0 37.2 55.8#
65 36.1 11.5 17.3#





#25

Isophorone

Concen: 32.203 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

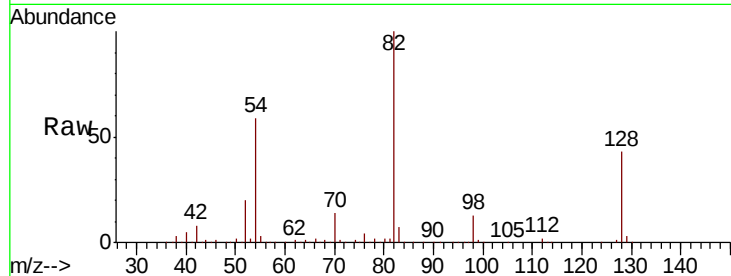
Tgt Ion: 82 Resp: 650455

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

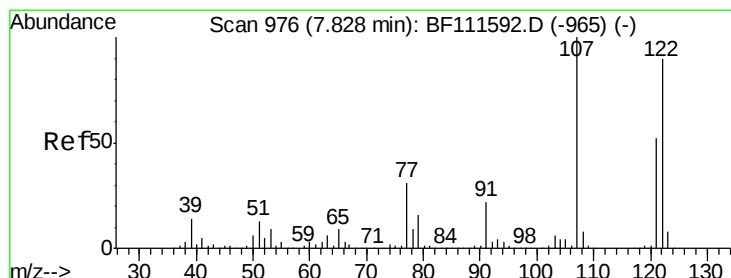
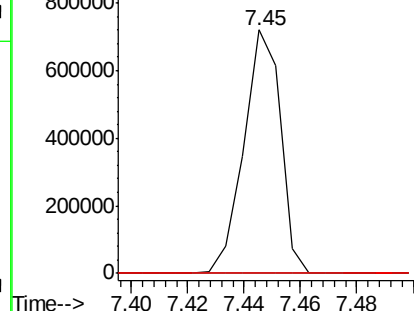
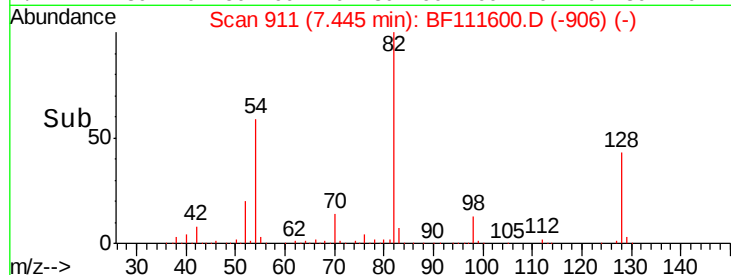
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.015 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

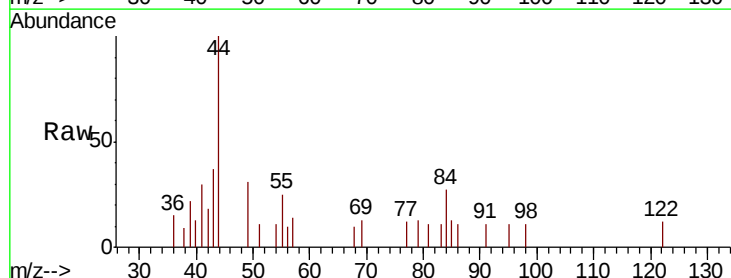
Tgt Ion: 122 Resp: 140

Ion Ratio Lower Upper

122 100

107 0.0 85.5 128.3#

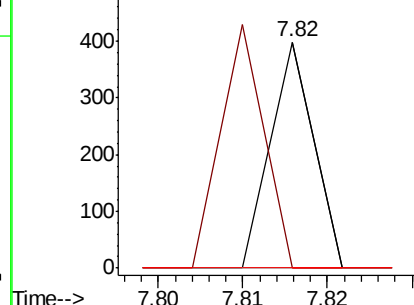
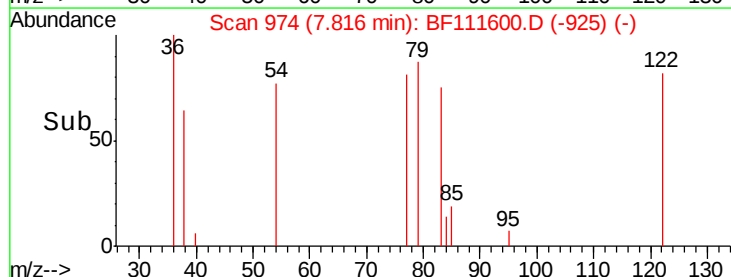
121 0.0 46.6 70.0#

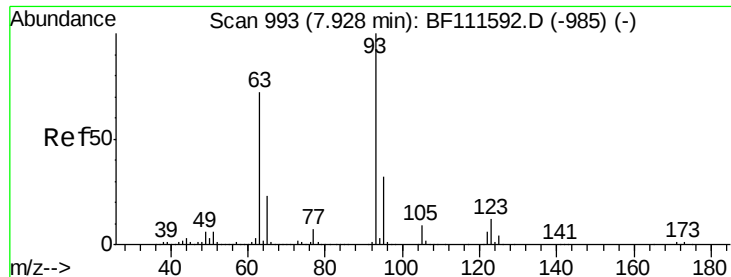


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

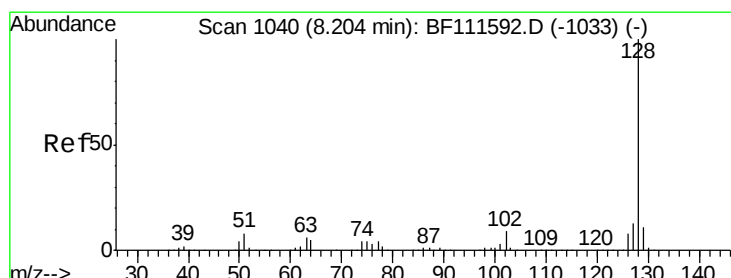
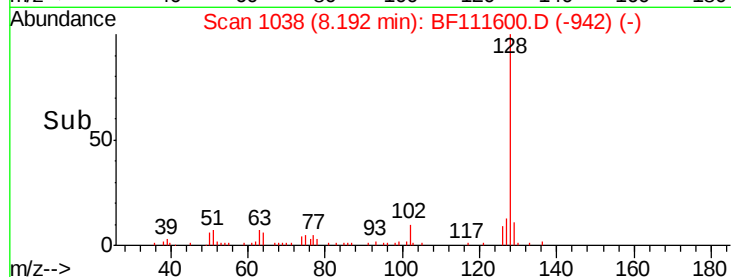
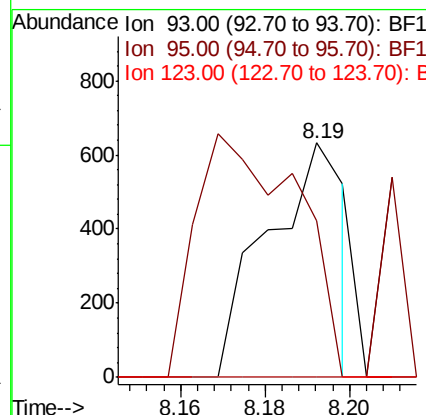
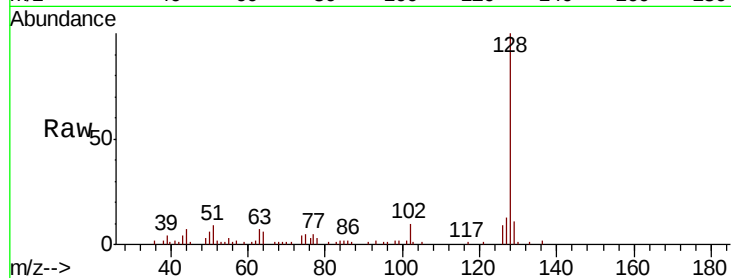




#28
bis(2-Chloroethoxy)methane
Concen: 0.060 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.26 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

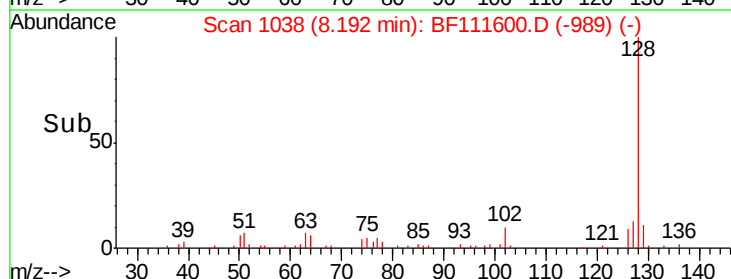
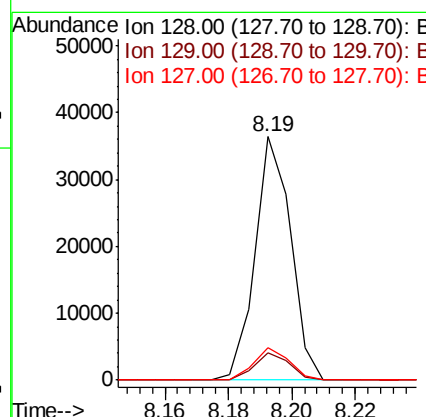
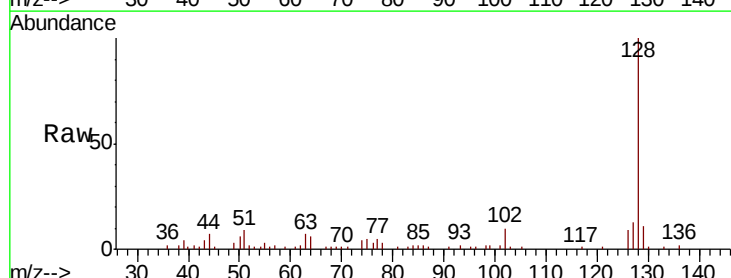
Instrument :
BNA_F
ClientSampleId :
TP-5-A

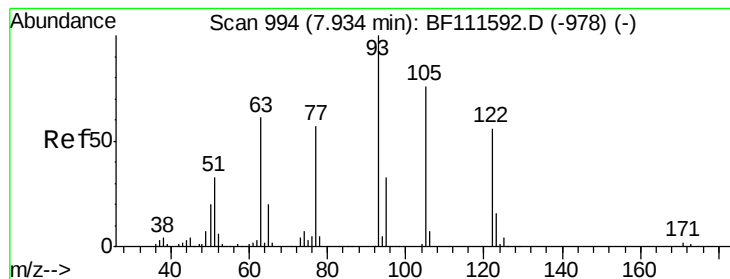
Tgt Ion: 93 Resp: 808
Ion Ratio Lower Upper
93 100
95 66.9 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 0.894 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 128 Resp: 28432
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 13.4 12.0 18.0





#32

Benzoic acid

Concen: 0.038 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.09 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

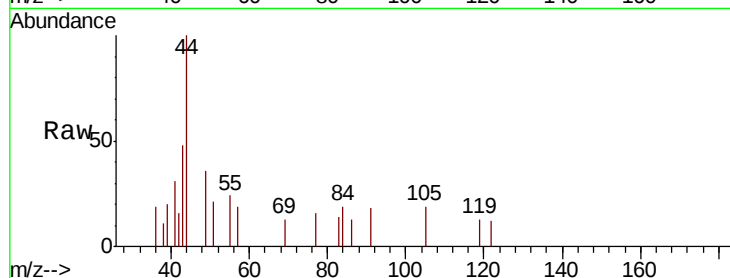
Tgt Ion:122 Resp: 238

Ion Ratio Lower Upper

122 100

105 149.9 97.0 137.0#

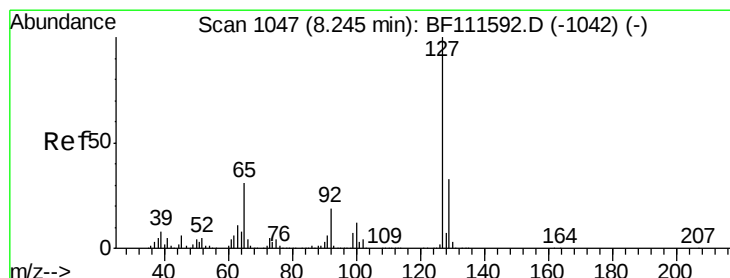
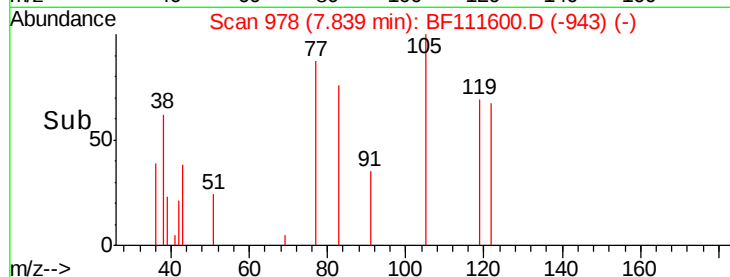
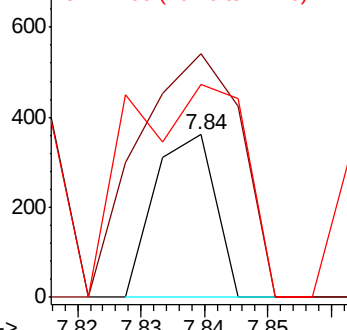
77 131.0 65.7 105.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.269 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Tgt Ion:127 Resp: 3698

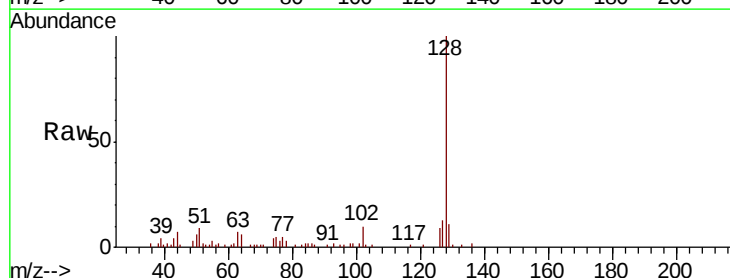
Ion Ratio Lower Upper

127 100

129 82.2 26.6 39.8#

65 0.0 25.7 38.5#

92 0.0 15.4 23.2#

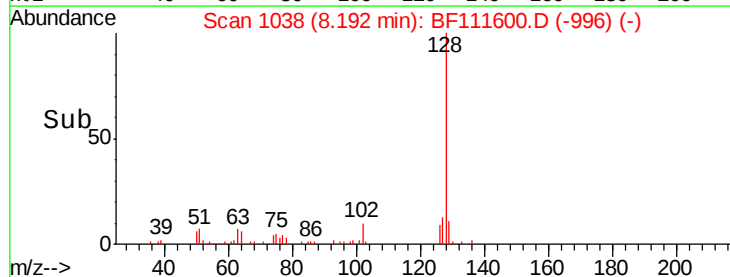
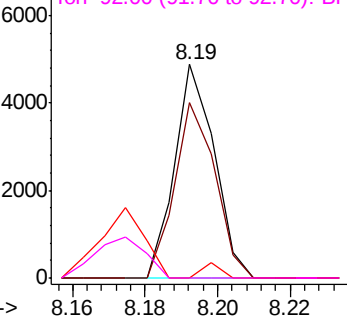


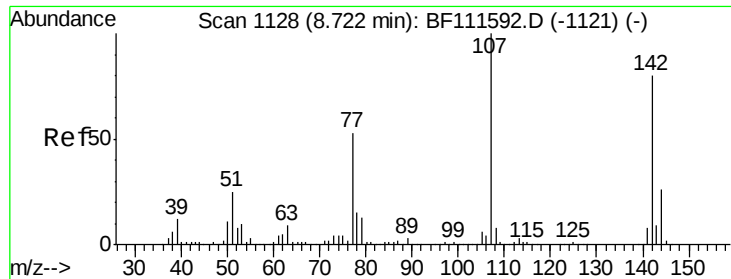
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

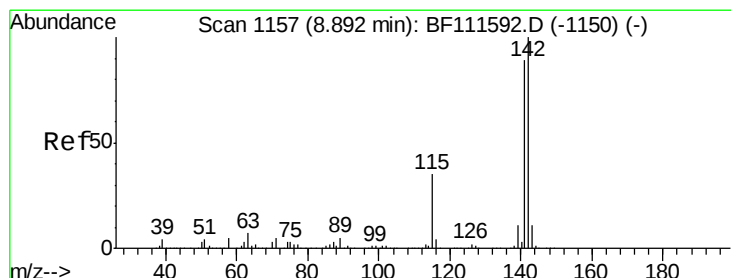
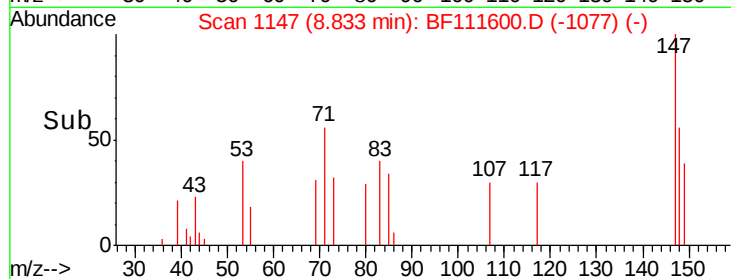
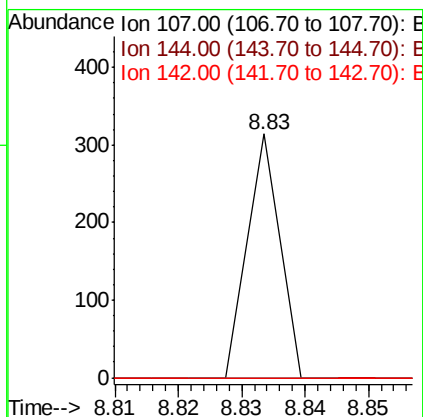
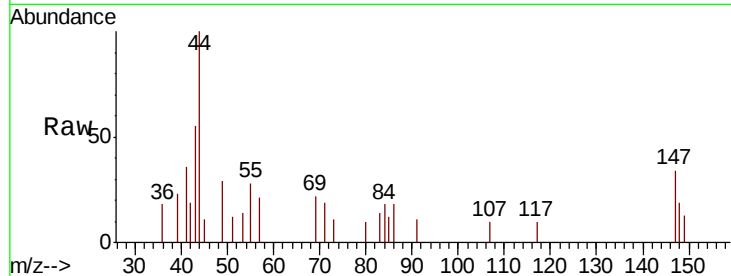




#36
 4-Chloro-3-methylphenol
 Concen: 0.011 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.11 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

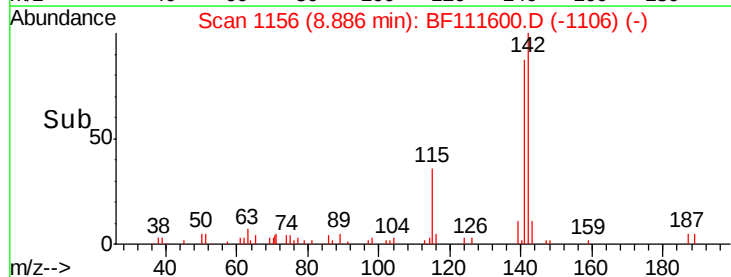
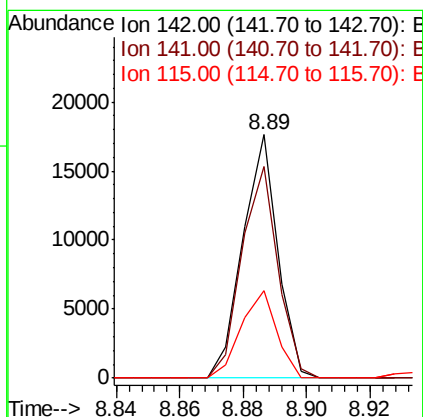
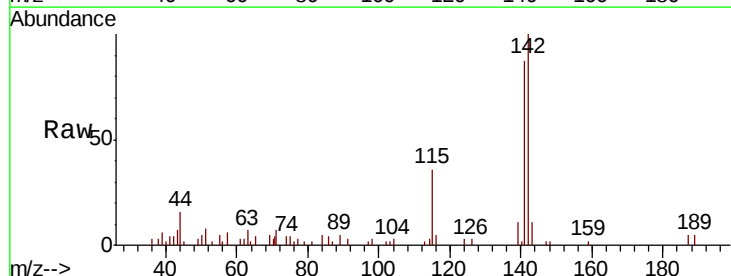
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

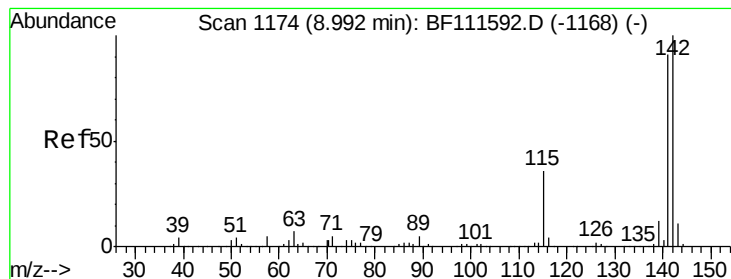
Tgt Ion:107 Resp: 111
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#



#37
 2-Methylnaphthalene
 Concen: 0.651 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Tgt Ion:142 Resp: 13472
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.6 105.8
 115 35.8 27.0 40.6

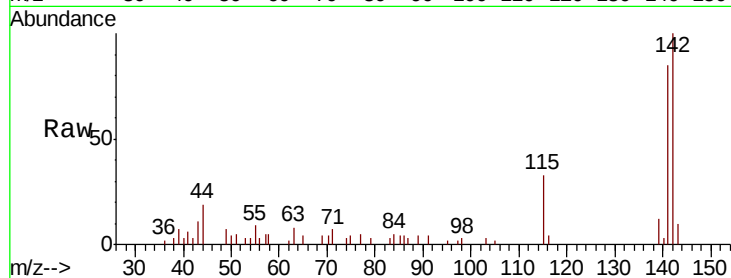




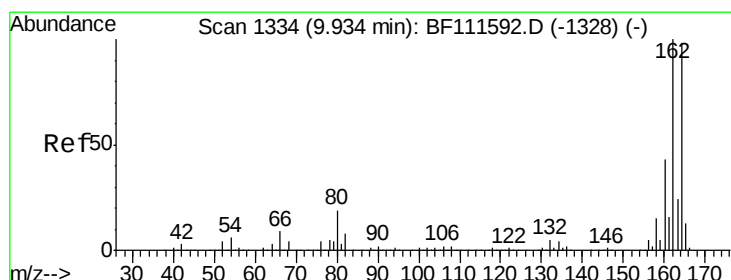
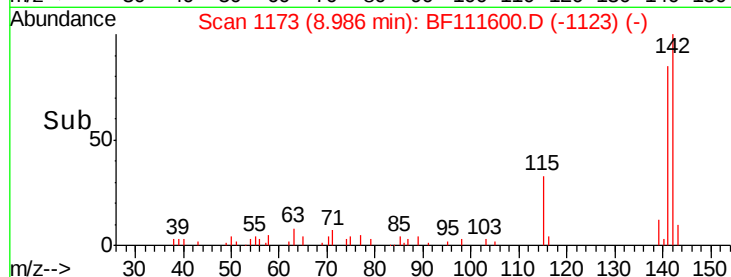
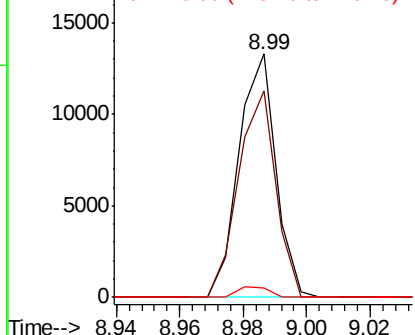
#38
1-Methylnaphthalene
Concen: 0.539 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:142 Resp: 10712
Ion Ratio Lower Upper
142 100
141 85.1 74.2 111.4
116 3.7 2.9 4.3

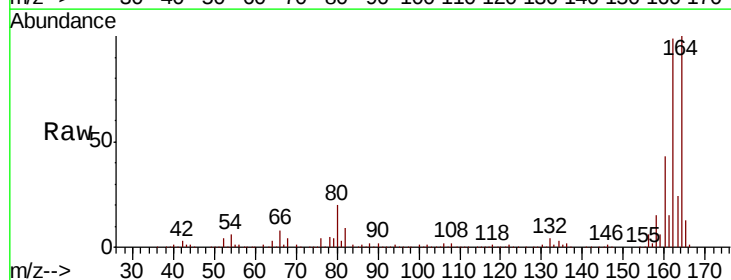


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

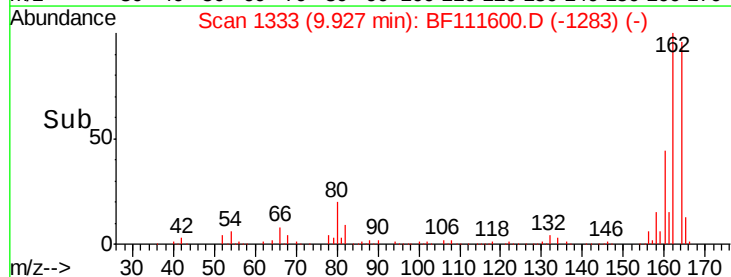
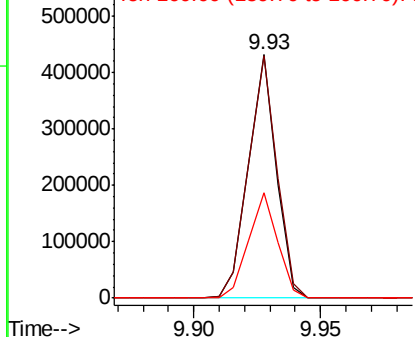


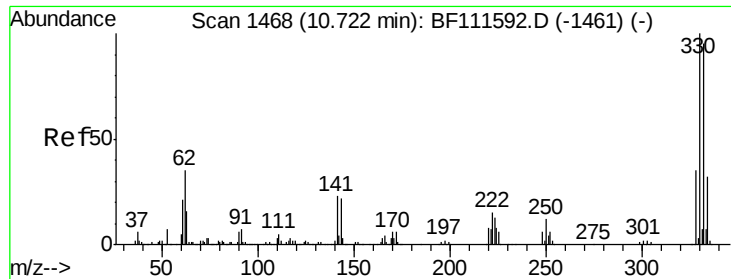
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:164 Resp: 331717
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 43.5 35.7 53.5



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

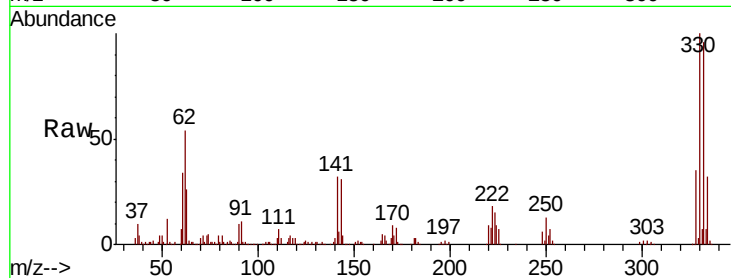




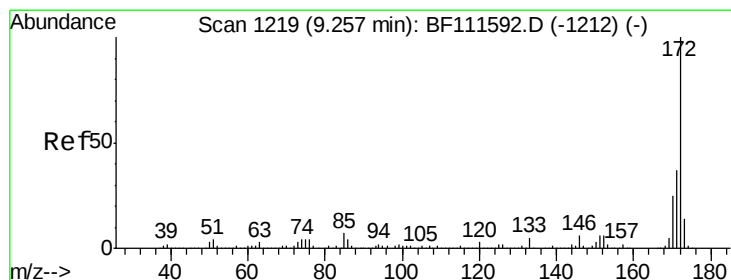
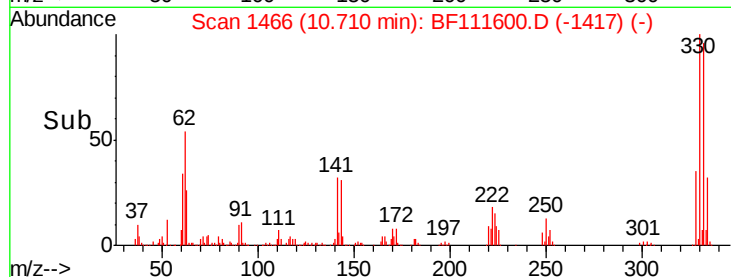
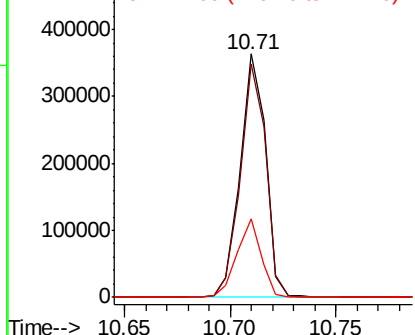
#42
 2,4,6-Tribromophenol
 Concen: 77.700 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Tgt Ion:330 Resp: 304546
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 30.5 31.0 46.6#

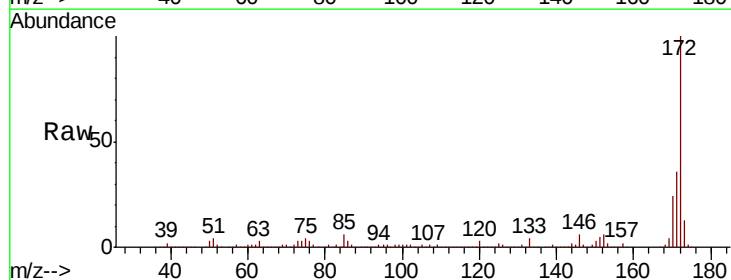


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

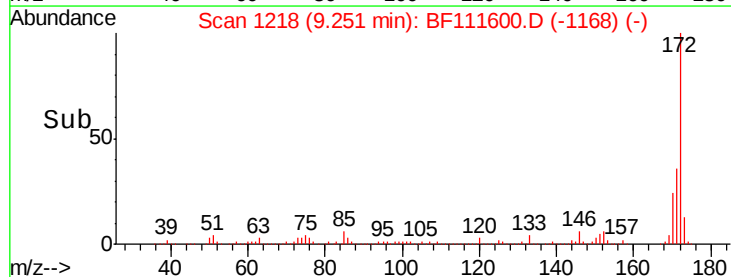
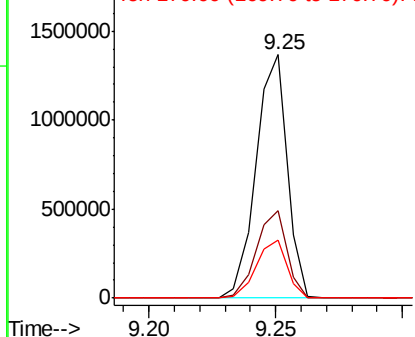


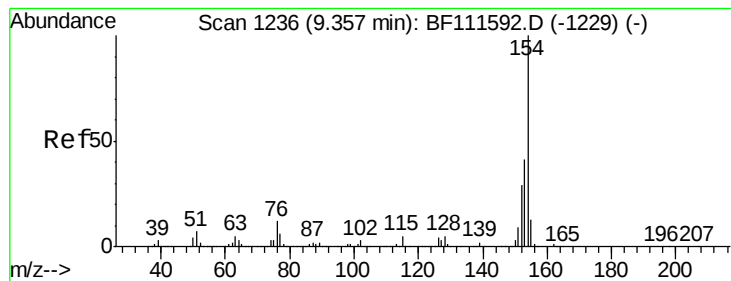
#45
 2-Fluorobiphenyl
 Concen: 51.662 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Tgt Ion:172 Resp: 1175725
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 23.6 22.3 33.5



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





#46

1,1'-Biphenyl

Concen: 0.237 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

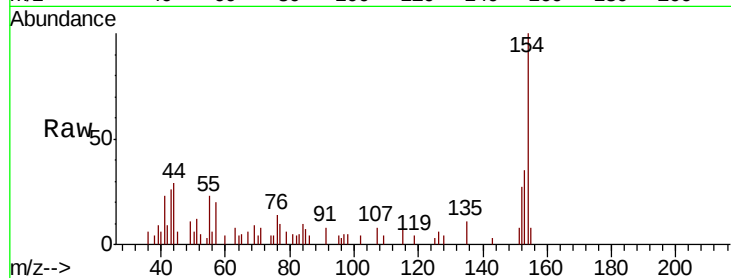
Tgt Ion:154 Resp: 6628

Ion Ratio Lower Upper

154 100

153 34.7 23.7 63.7

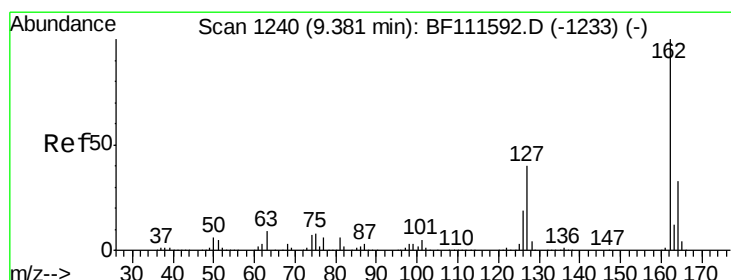
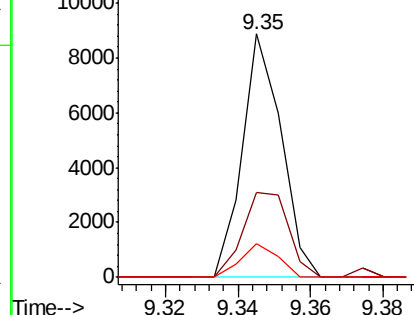
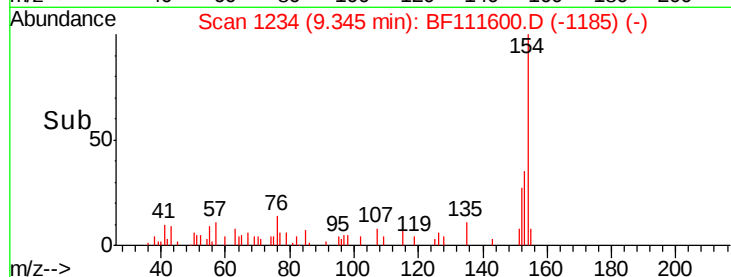
76 13.7 0.0 35.0



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



#47

2-Chloronaphthalene

Concen: 0.037 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.05 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

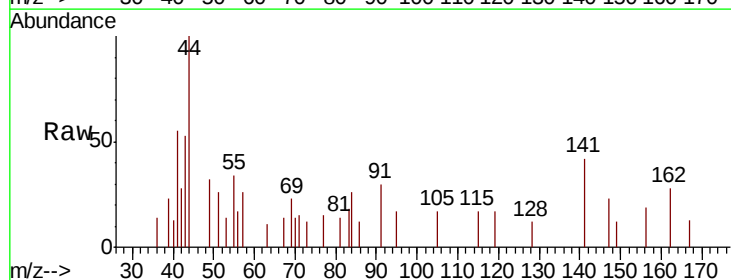
Tgt Ion:162 Resp: 811

Ion Ratio Lower Upper

162 100

127 0.0 35.0 52.4#

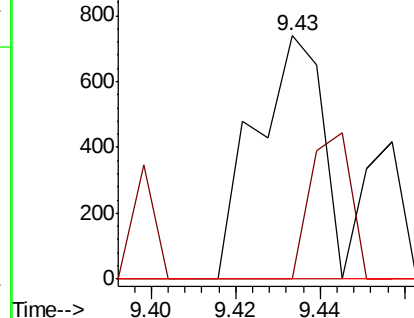
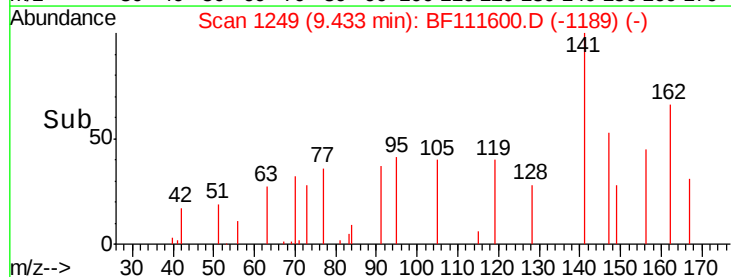
164 0.0 28.4 42.6#

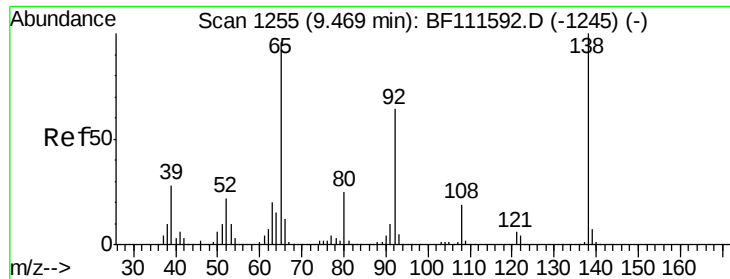


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

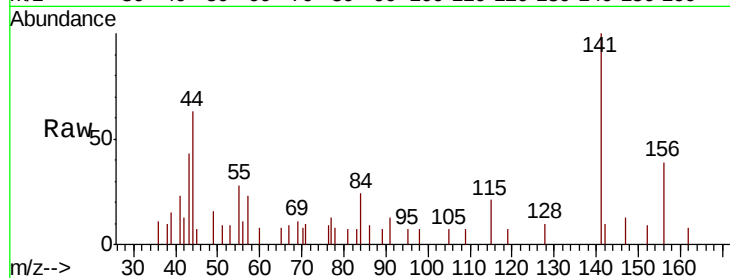




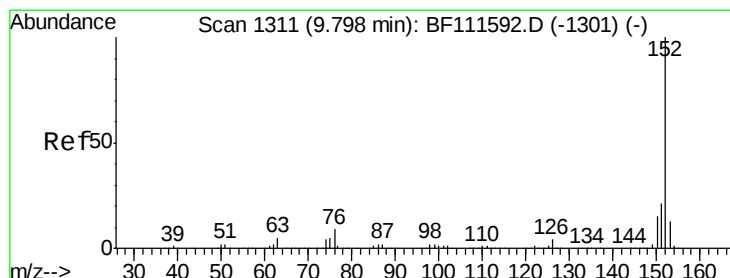
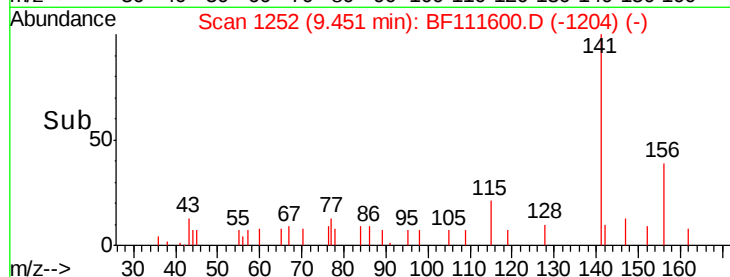
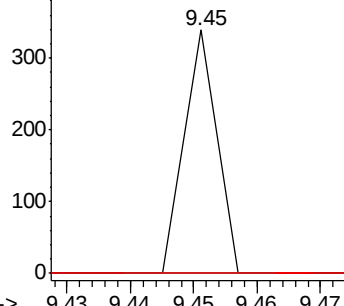
#48
2-Nitroaniline
Concen: 0.021 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 0.0 53.5 80.3#
138 0.0 80.9 121.3#

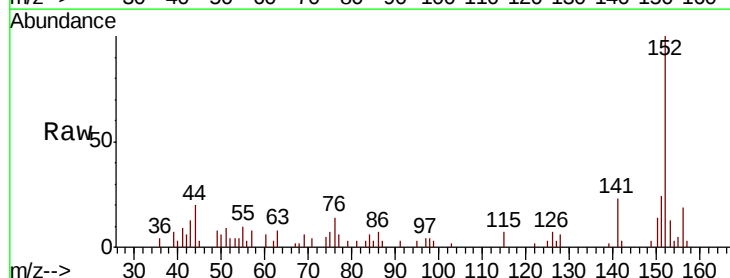


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

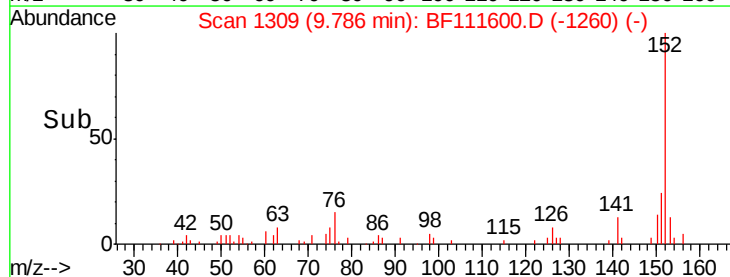
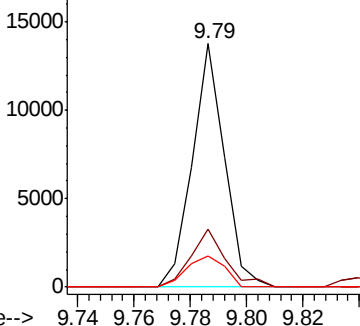


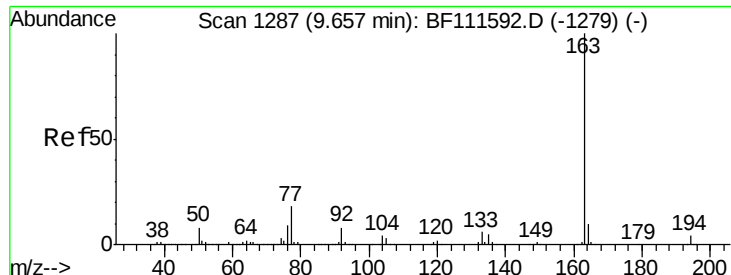
#49
Acenaphthylene
Concen: 0.335 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 152 Resp: 10859
Ion Ratio Lower Upper
152 100
151 23.7 18.0 27.0
153 12.7 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

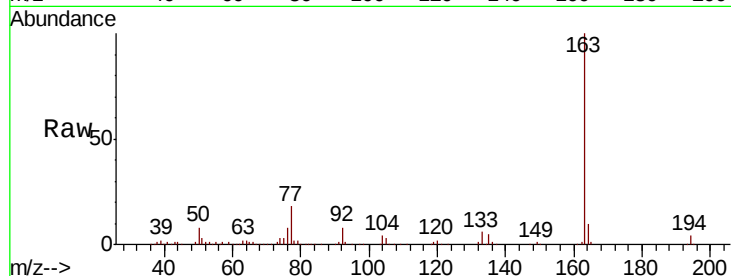




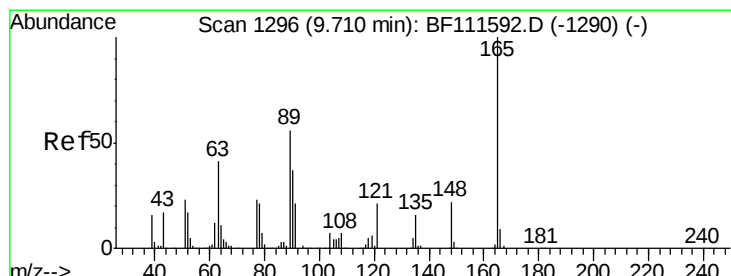
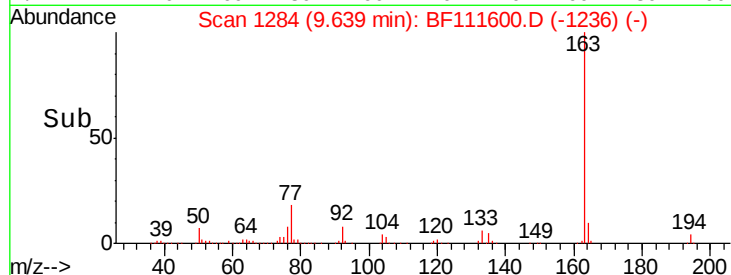
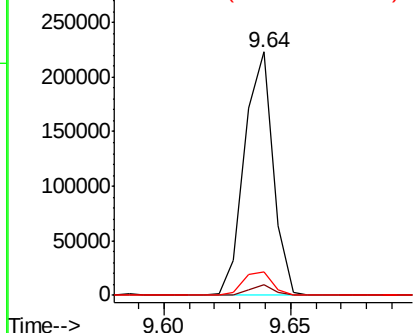
#50
Dimethylphthalate
Concen: 7.213 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.6	8.9	13.3

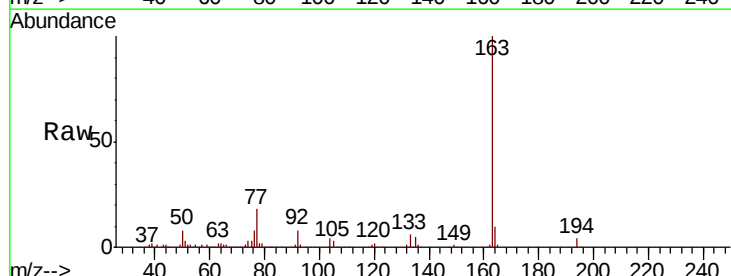


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

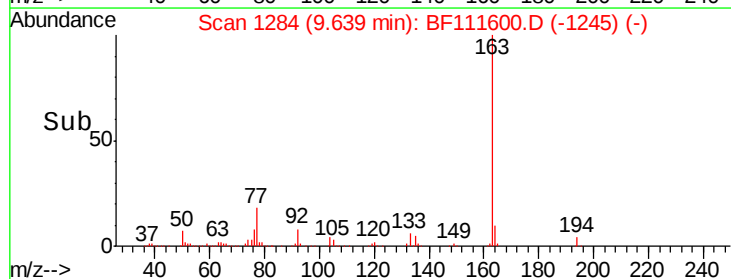
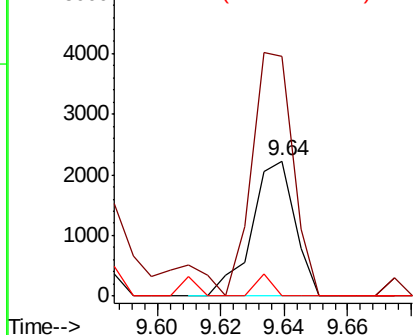


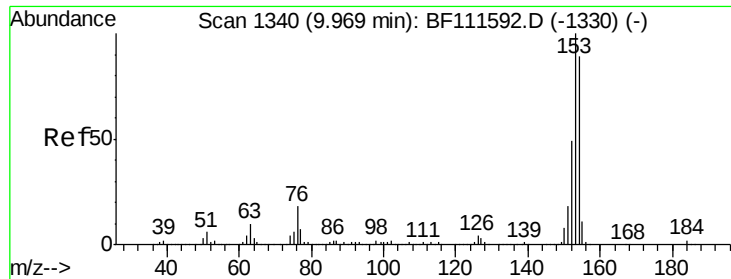
#51
2,6-Dinitrotoluene
Concen: 0.435 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	177.7	40.5	60.7#
89	0.0	40.0	60.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 6.361 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

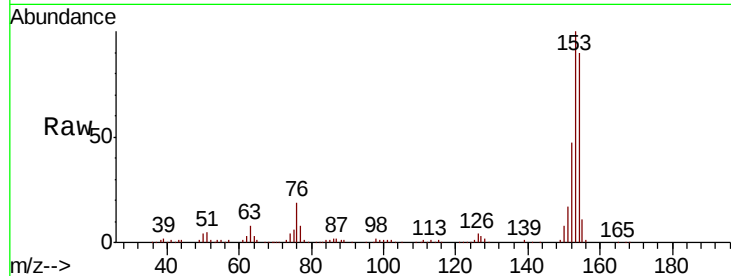
Tgt Ion:154 Resp: 127082

Ion Ratio Lower Upper

154 100

153 111.6 87.8 131.8

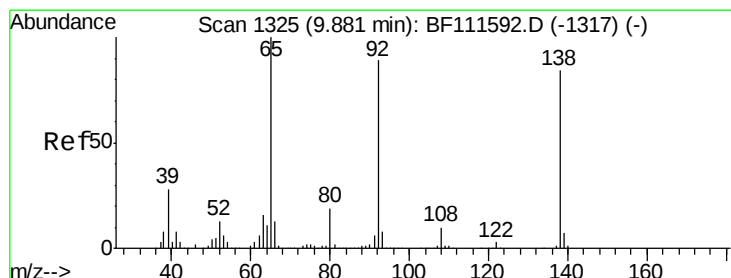
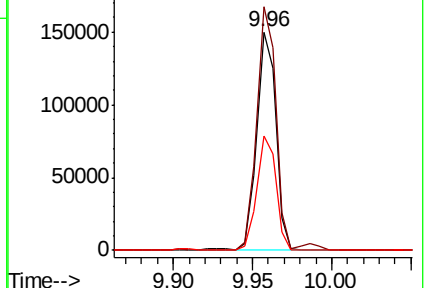
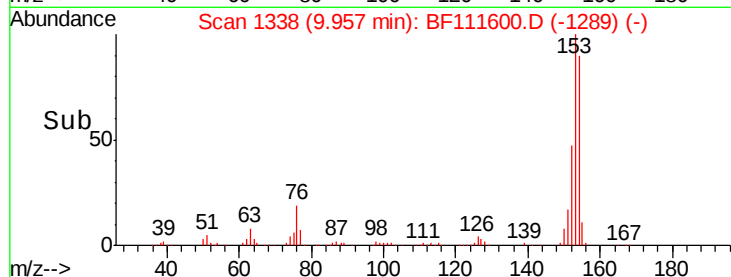
152 52.4 43.4 65.2



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



#53

3-Nitroaniline

Concen: 0.182 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.25 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

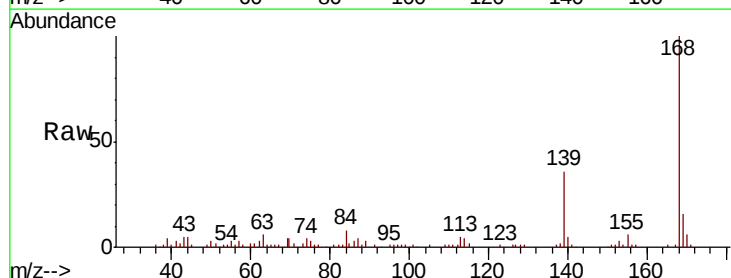
Tgt Ion:138 Resp: 937

Ion Ratio Lower Upper

138 100

108 0.0 8.2 12.4#

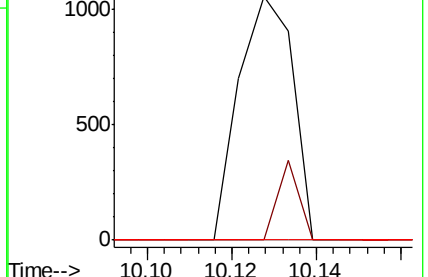
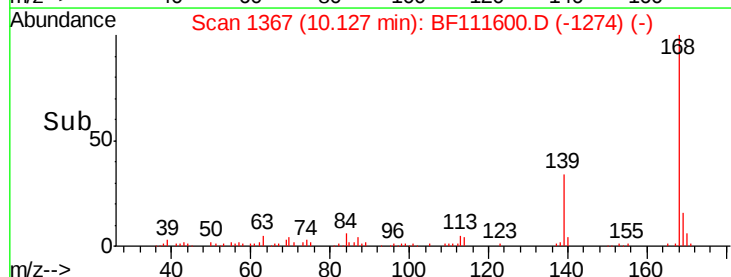
92 0.0 93.4 140.2#

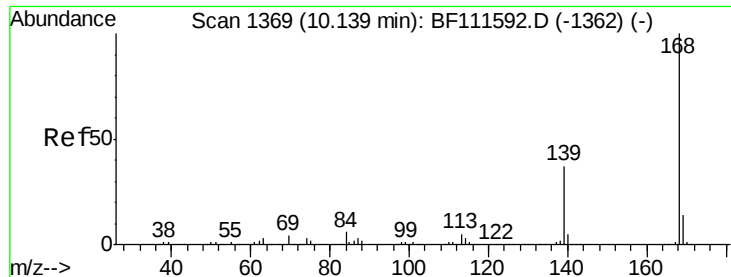


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

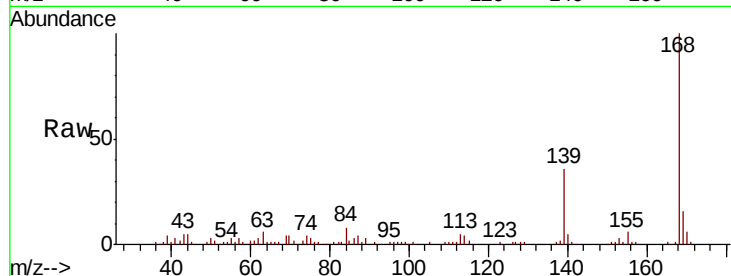




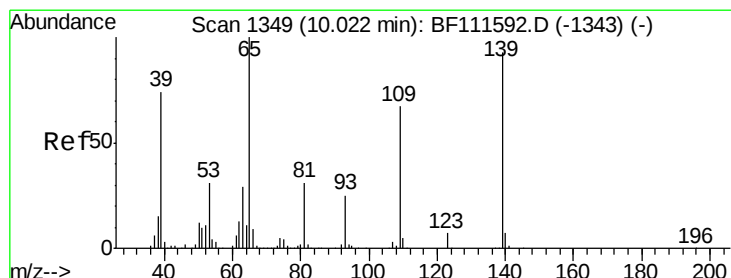
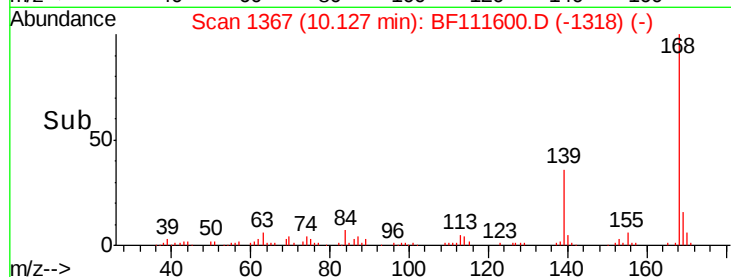
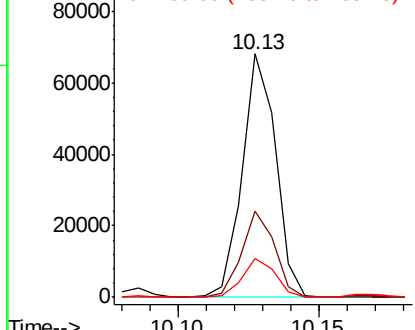
#55
Dibenzenofuran
Concen: 1.856 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:168 Resp: 56021
Ion Ratio Lower Upper
168 100
139 35.6 32.6 49.0
169 15.7 11.8 17.6

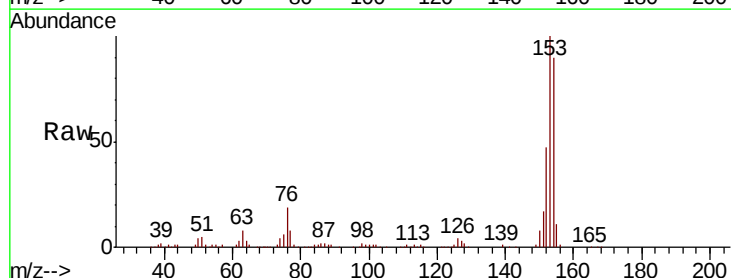


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

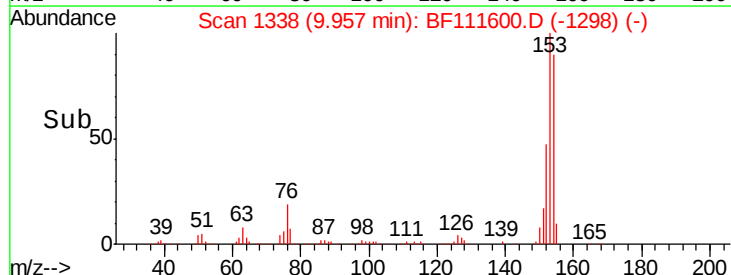
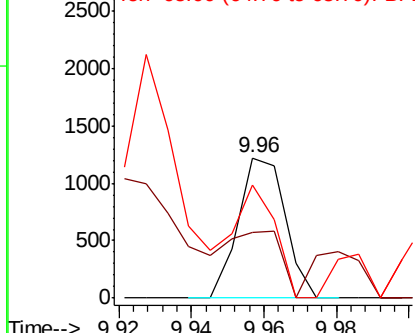


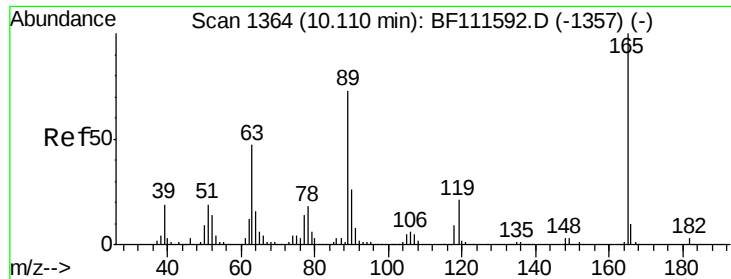
#56
4-Nitrophenol
Concen: 0.279 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.06 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:139 Resp: 1097
Ion Ratio Lower Upper
139 100
109 47.2 41.8 81.8
65 80.5 79.6 119.6



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

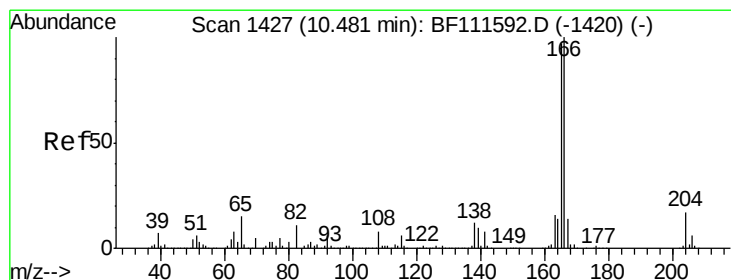
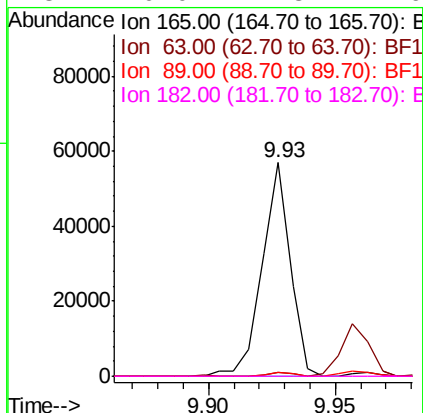
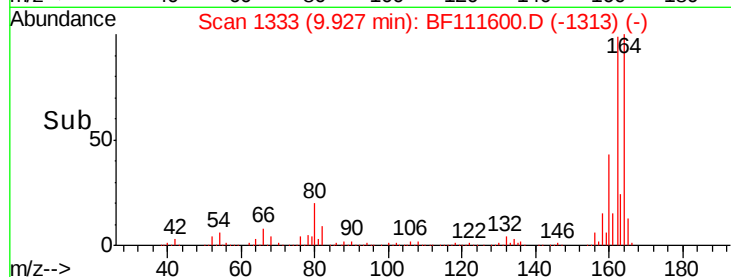
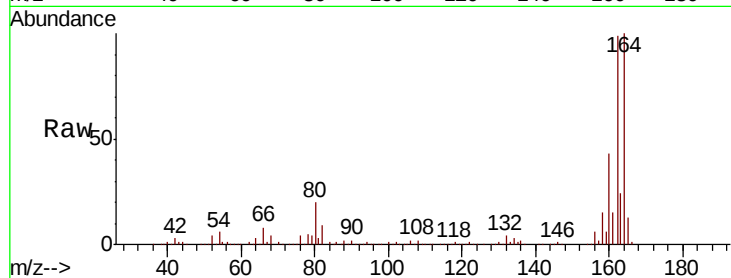




#57
2,4-Dinitrotoluene
Concen: 7.623 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

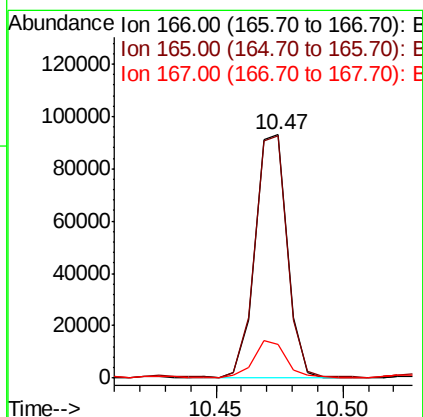
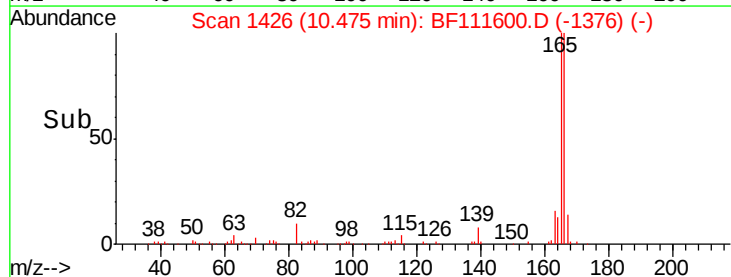
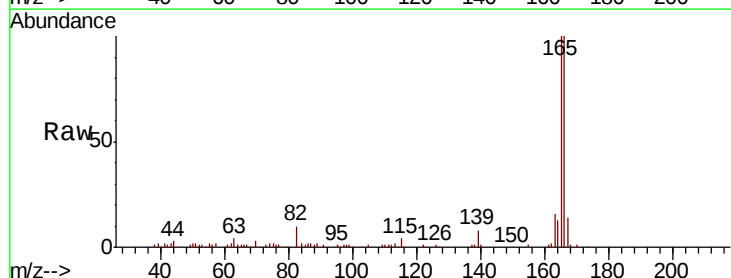
Instrument :
BNA_F
ClientSampleId :
TP-5-A

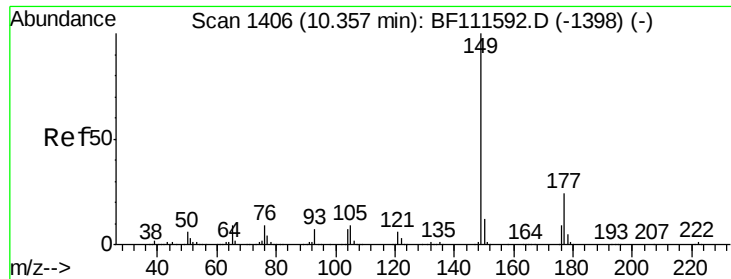
Tgt Ion:	165	Resp:	44314
Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 3.813 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:	166	Resp:	82936
Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.4	117.6
167	13.9	11.2	16.8

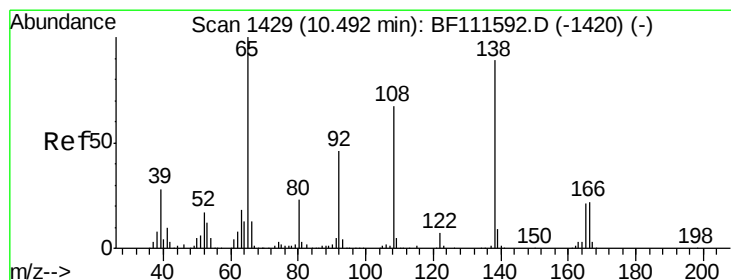
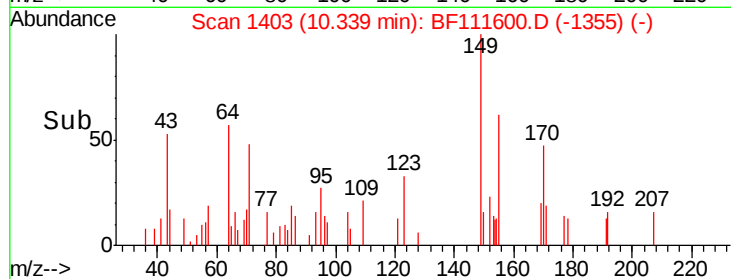
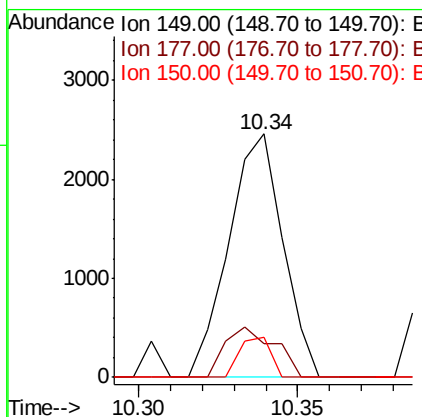
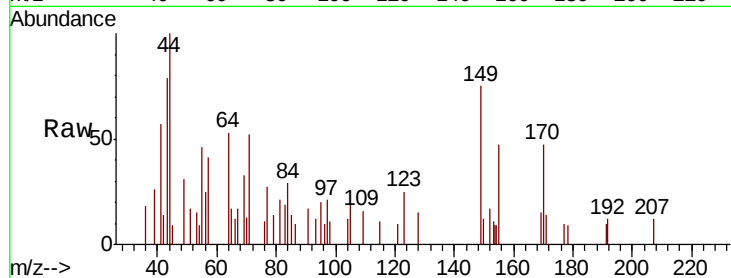




#60
Diethylphthalate
Concen: 0.122 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

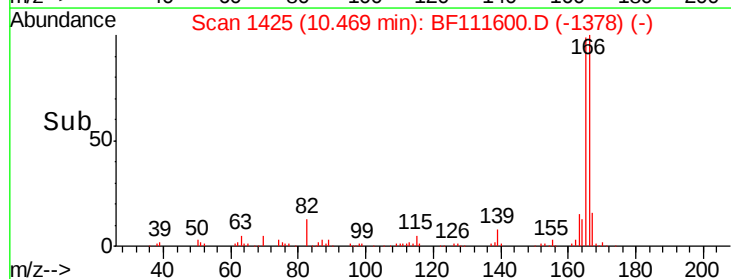
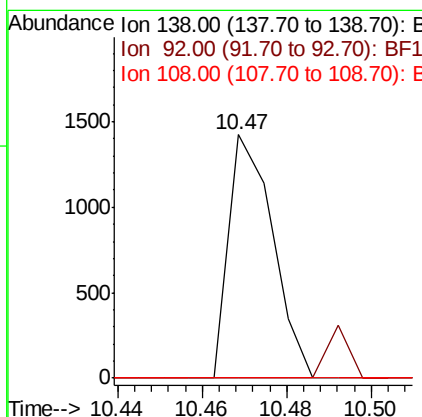
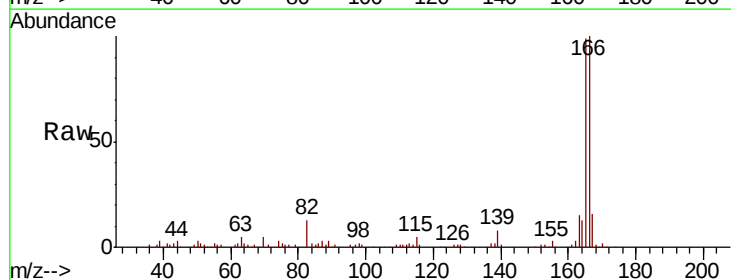
Instrument :
BNA_F
ClientSampleId :
TP-5-A

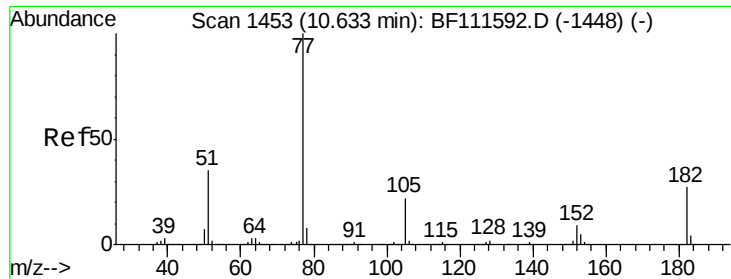
Tgt Ion:149 Resp: 2910
Ion Ratio Lower Upper
149 100
177 13.7 18.3 27.5#
150 16.4 10.6 15.8#



#62
4-Nitroaniline
Concen: 0.205 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:138 Resp: 1028
Ion Ratio Lower Upper
138 100
92 0.0 29.9 69.9#
108 0.0 43.2 83.2#

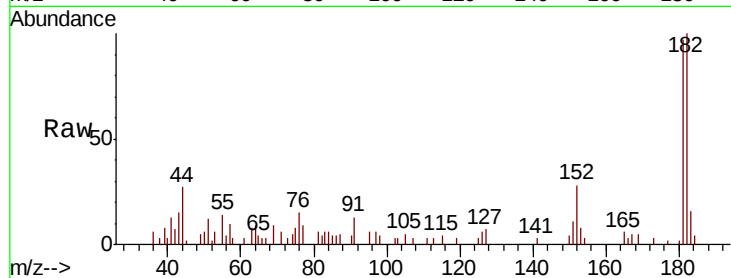




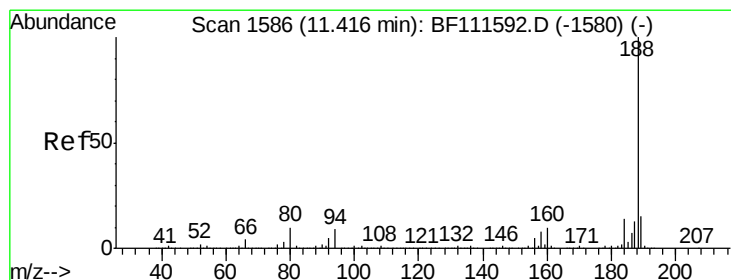
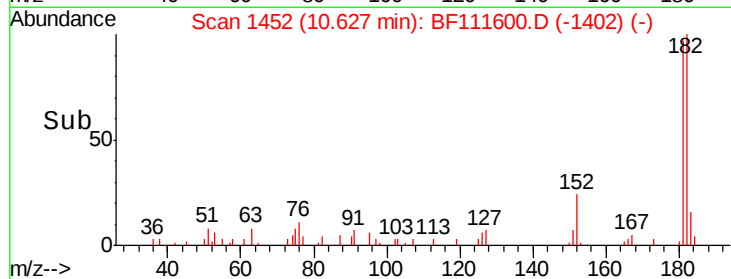
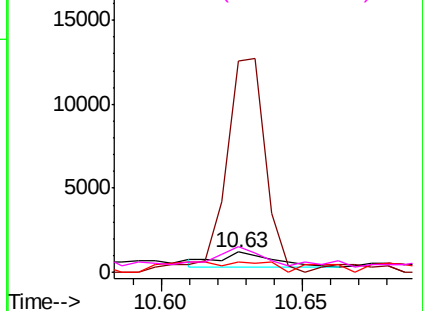
#63
Azobenzene
Concen: 0.044 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion: 77 Resp: 1062
Ion Ratio Lower Upper
77 100
182 1056.1 4.9 44.9#
105 51.8 6.0 46.0#
51 126.2 14.7 54.7#

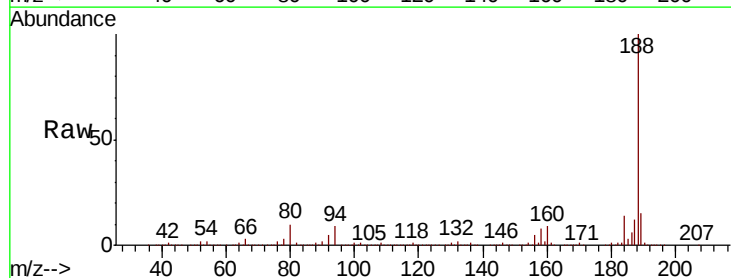


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

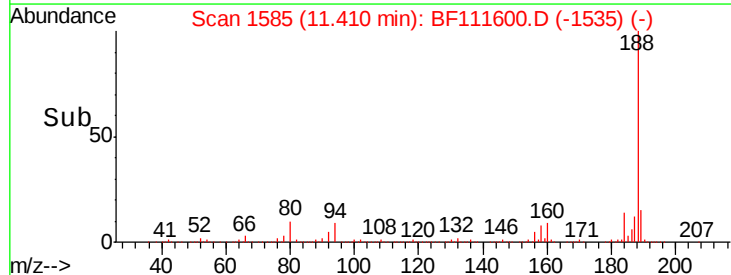
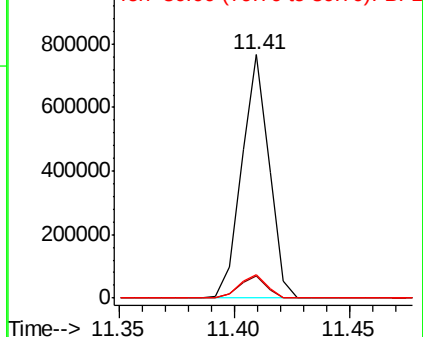


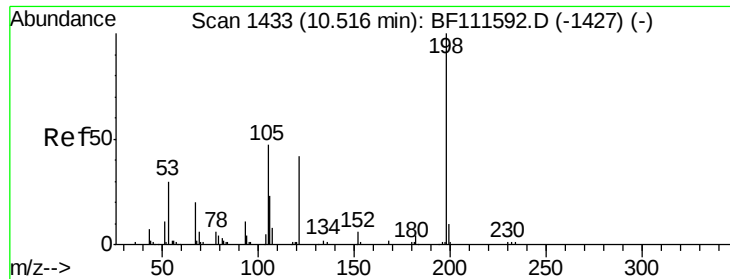
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 188 Resp: 632402
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.7 9.8 14.6#



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

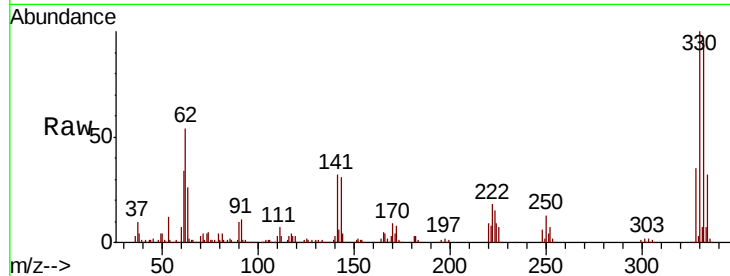




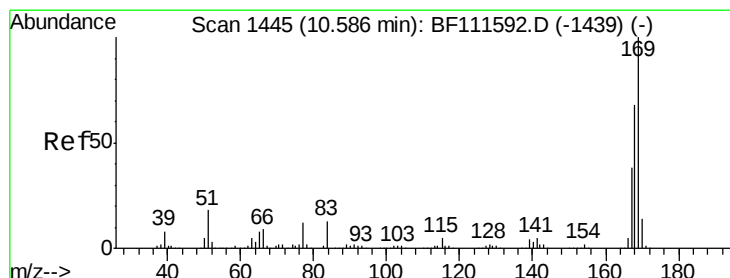
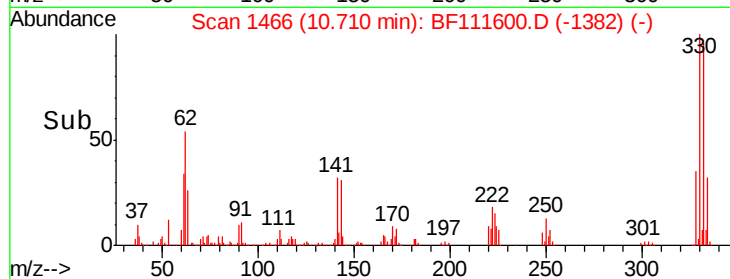
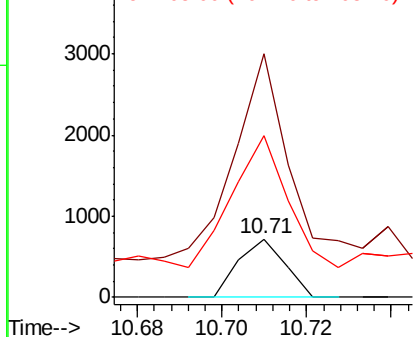
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.873 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Tgt Ion:198 Resp: 547
 Ion Ratio Lower Upper
 198 100
 51 416.1 48.0 88.0#
 105 275.9 34.0 74.0#

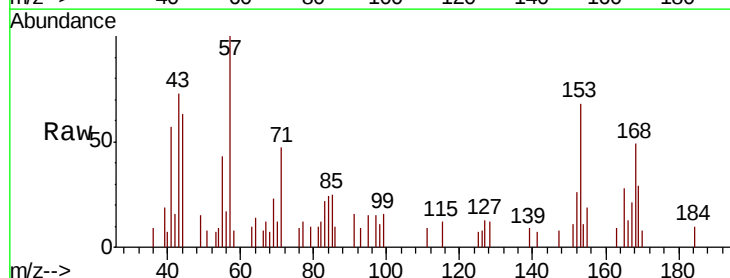


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

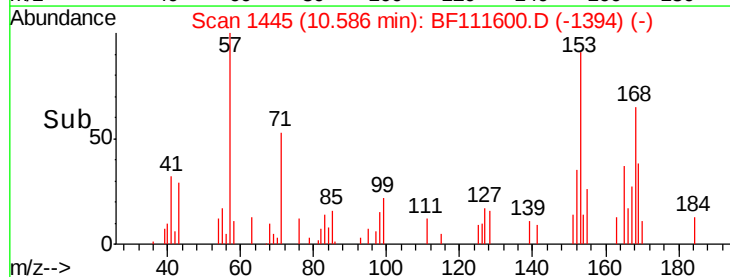
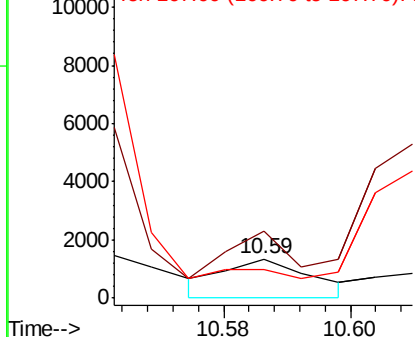


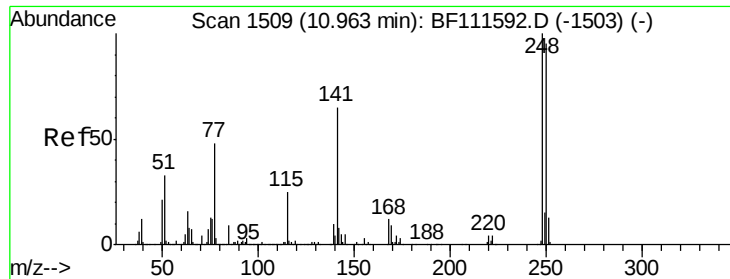
#66
 n-Nitrosodiphenylamine
 Concen: 0.062 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Tgt Ion:169 Resp: 1310
 Ion Ratio Lower Upper
 169 100
 168 171.4 54.4 81.6#
 167 71.9 30.5 45.7#



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

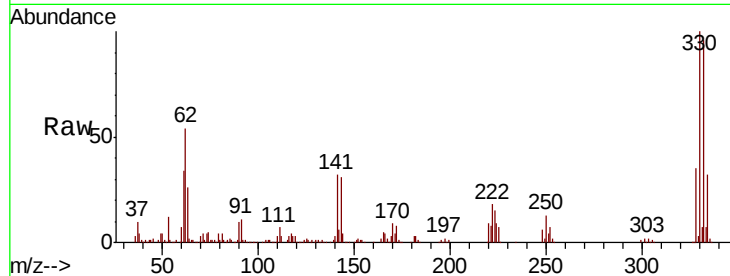




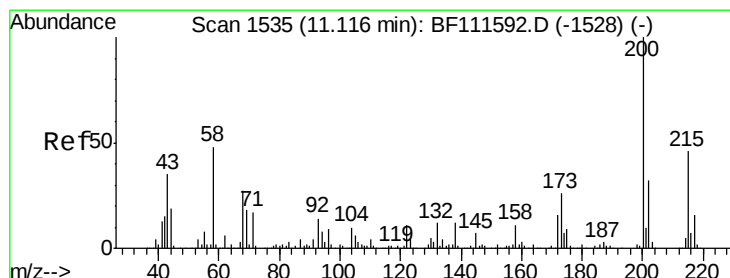
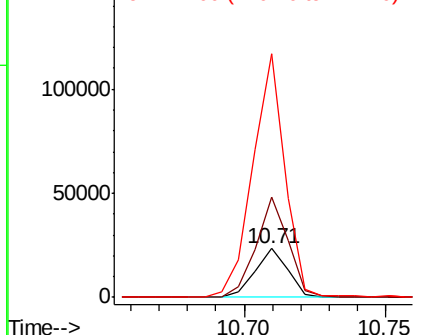
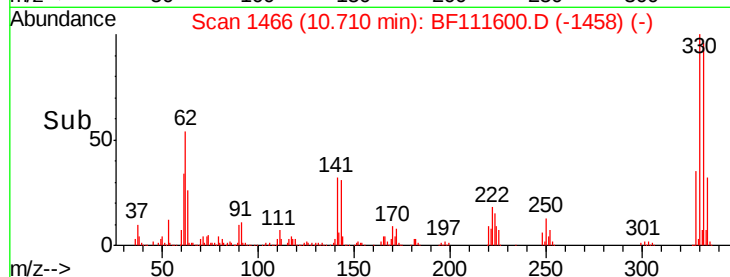
#67
4-Bromophenyl-phenylether
Concen: 2.385 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:248 Resp: 18707
Ion Ratio Lower Upper
248 100
250 207.2 77.0 115.4#
141 502.7 63.0 94.6#

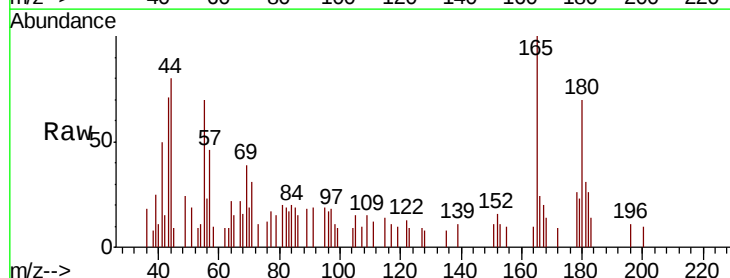


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

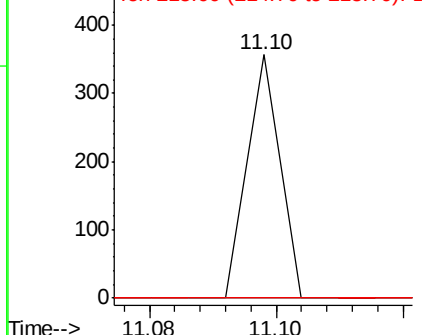
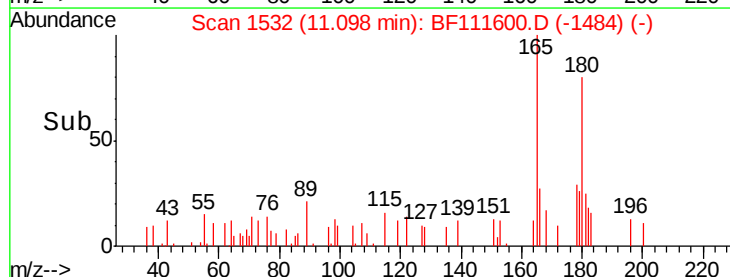


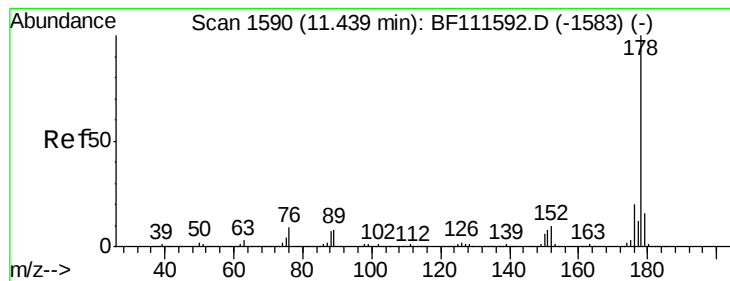
#69
Atrazine
Concen: 0.017 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:200 Resp: 126
Ion Ratio Lower Upper
200 100
173 0.0 10.1 50.1#
215 0.0 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 13.196 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

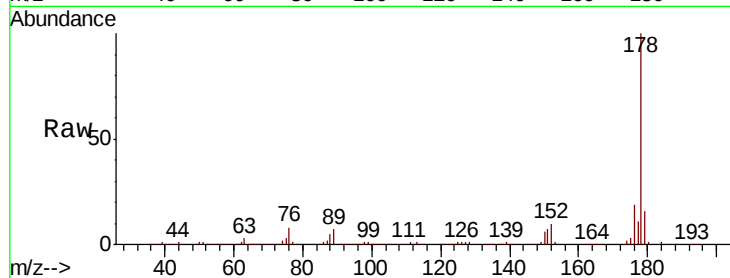
Tgt Ion:178 Resp: 442585

Ion Ratio Lower Upper

178 100

176 18.9 18.1 27.1

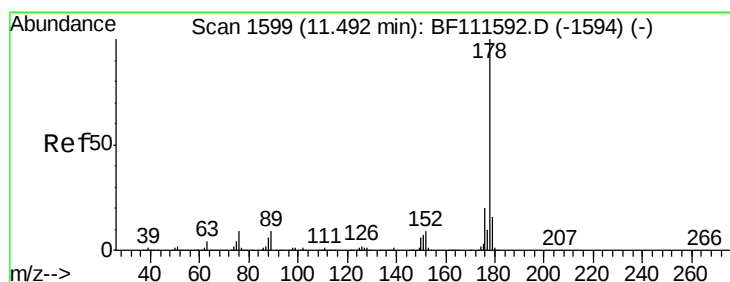
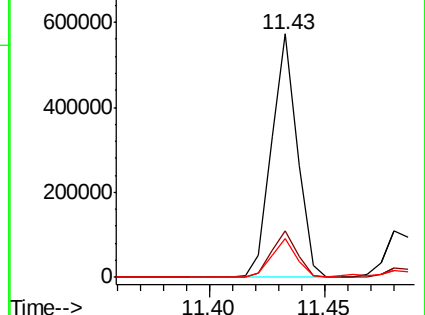
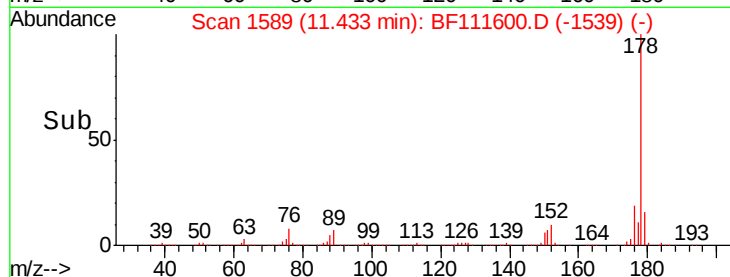
179 16.0 14.0 21.0



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

Anthracene

Concen: 2.729 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

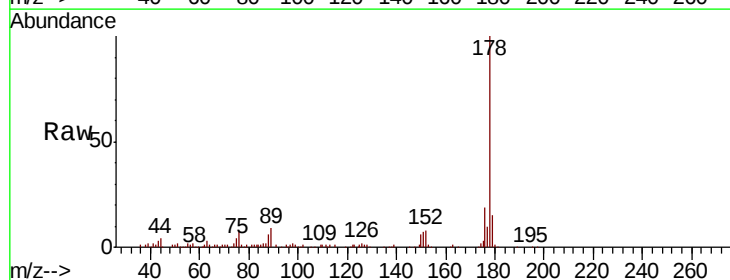
Tgt Ion:178 Resp: 91885

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

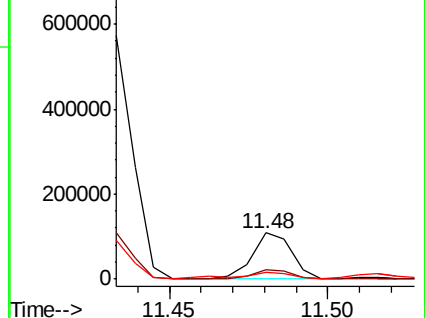
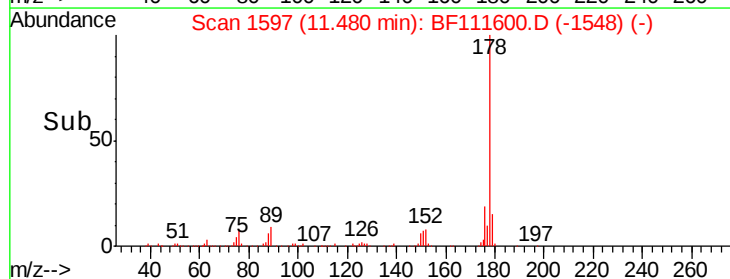
179 15.2 13.8 20.8

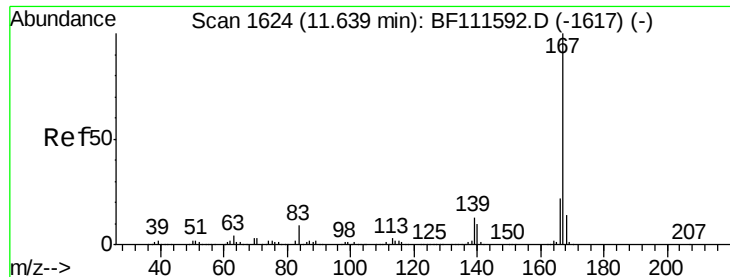


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

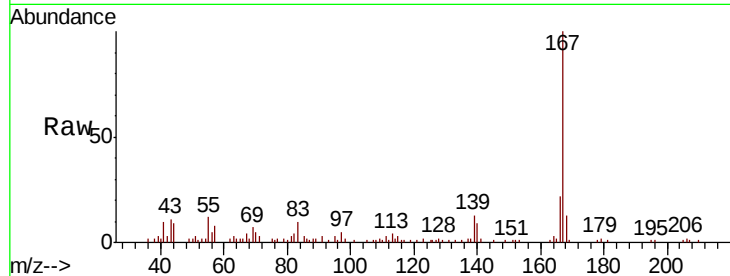




#73
 Carbazole
 Concen: 1.006 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.3	28.9
139	12.6	11.9	17.9

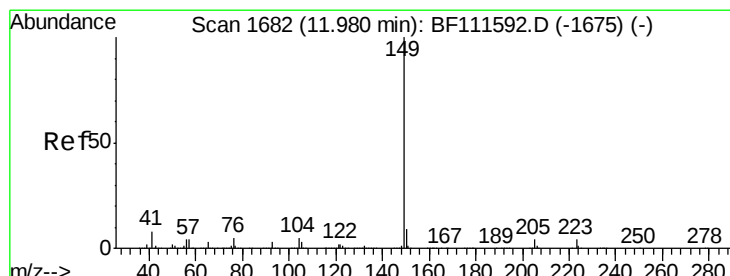
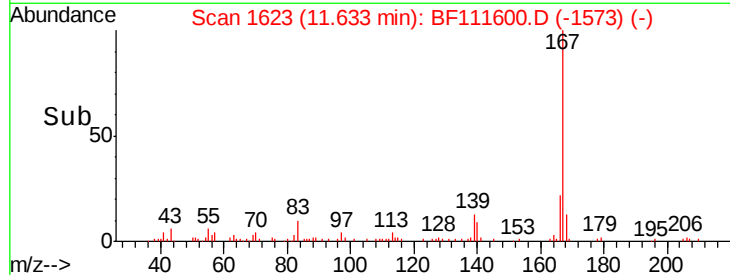
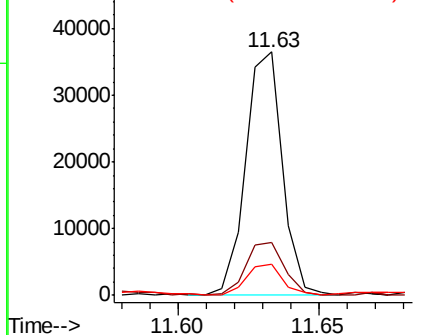


Abundance

Ion 167.00 (166.70 to 167.70): E

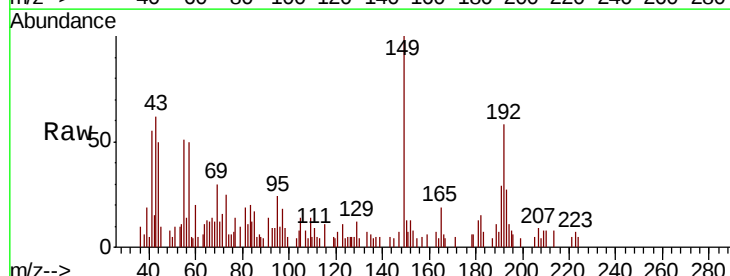
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 0.223 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111600.D
 Acq: 19 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.6	8.8	13.2
104	7.6	4.5	6.7#

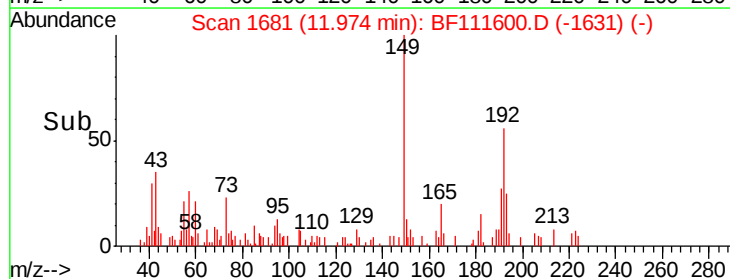
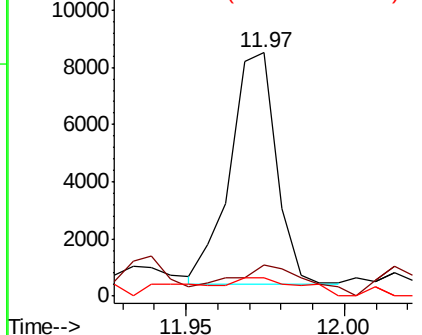


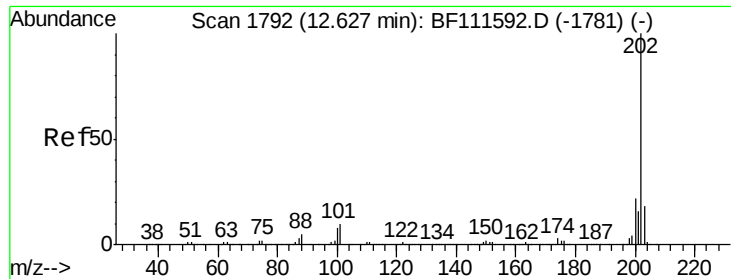
Abundance

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





#75

Fluoranthene

Concen: 15.644 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

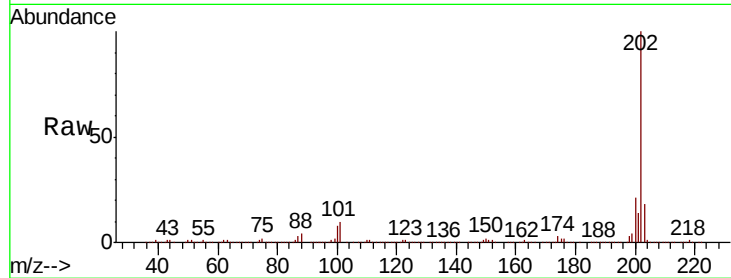
Tgt Ion:202 Resp: 531322

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.8

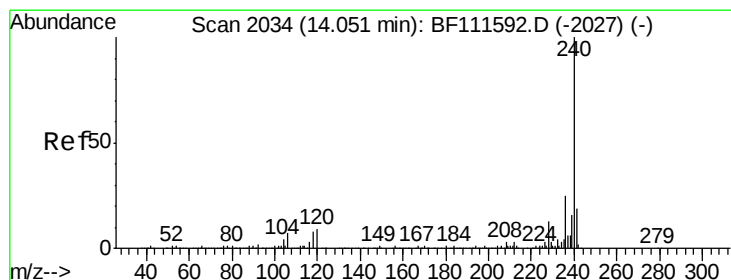
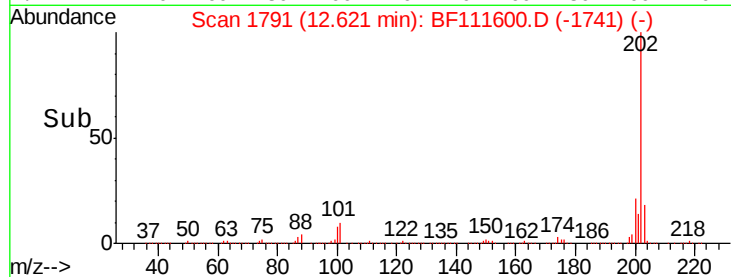
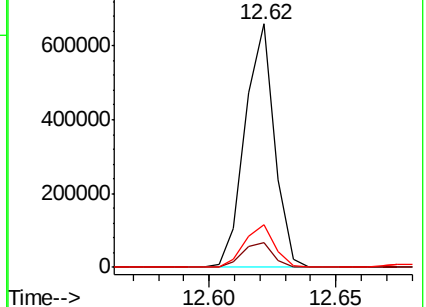
203 17.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

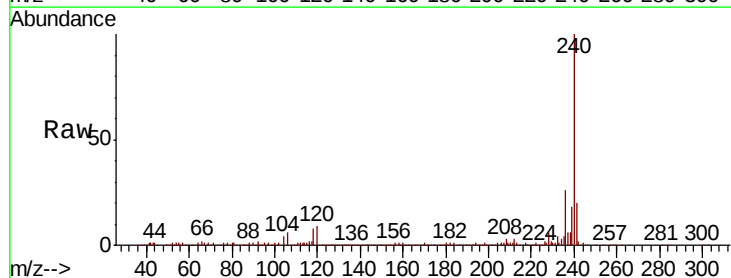
Tgt Ion:240 Resp: 477396

Ion Ratio Lower Upper

240 100

120 8.6 12.2 18.2#

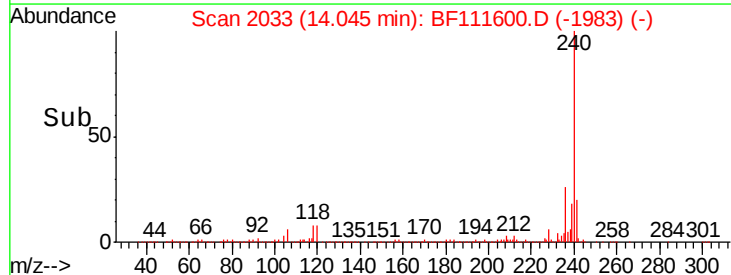
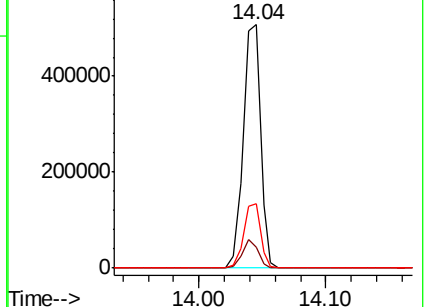
236 26.4 20.2 30.2

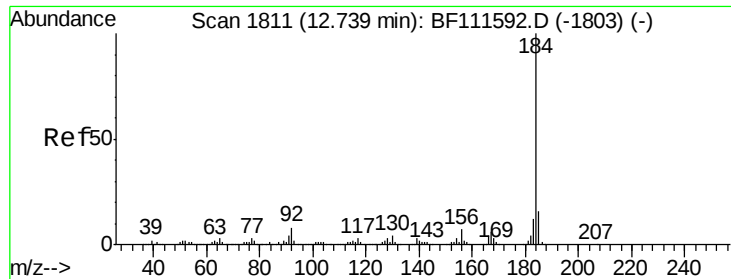


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.748 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.25 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

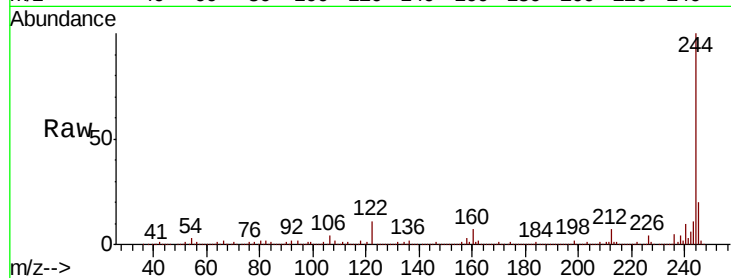
Tgt Ion:184 Resp: 13431

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

183 11.9 9.3 13.9

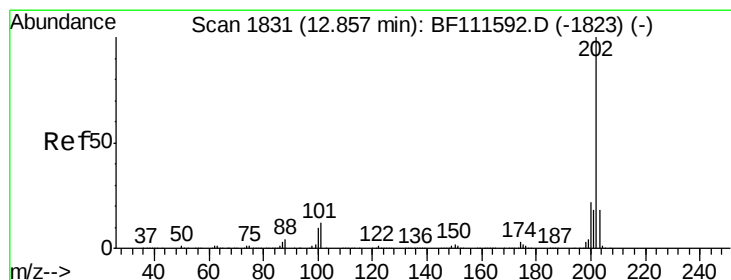
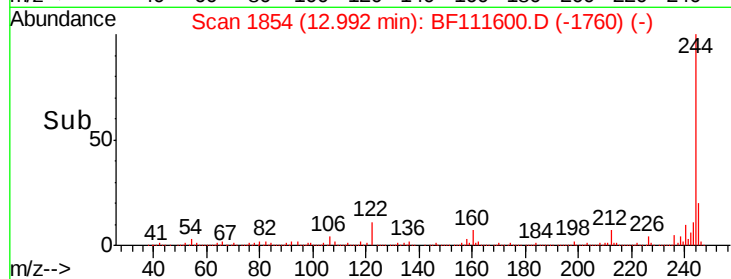
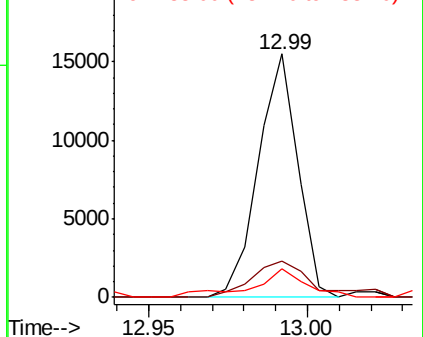


Abundance

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



#78

Pyrene

Concen: 13.229 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

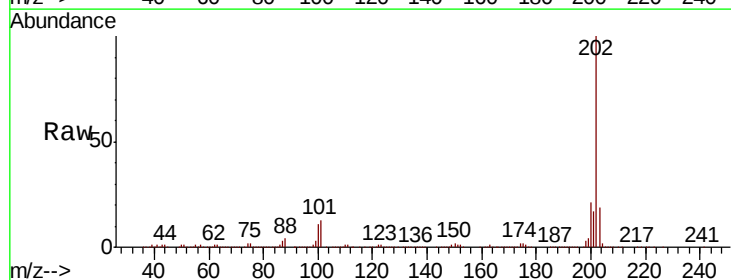
Tgt Ion:202 Resp: 445996

Ion Ratio Lower Upper

202 100

200 21.2 19.0 28.4

203 18.6 15.2 22.8

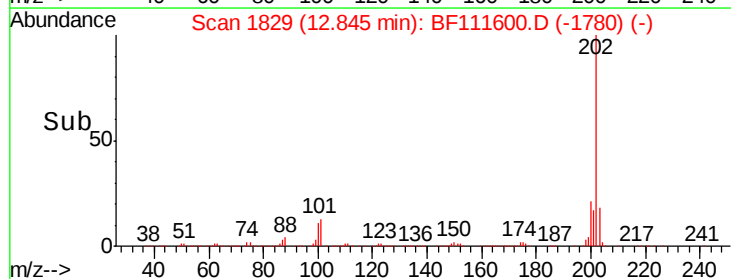
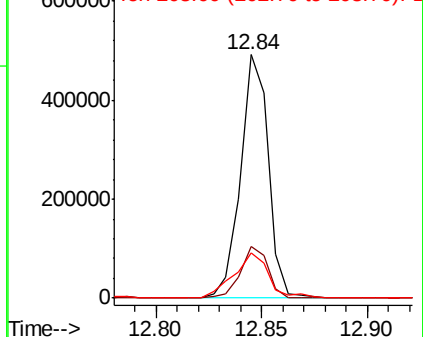


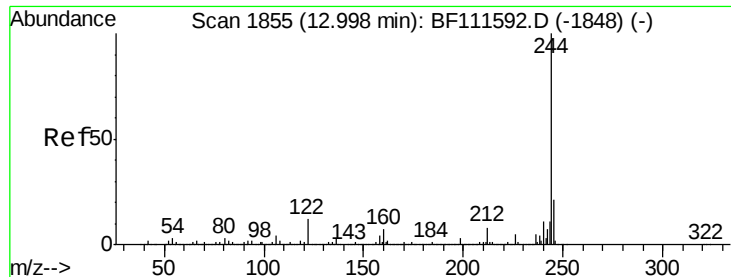
Abundance

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





#79

Terphenyl-d14

Concen: 45.838 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

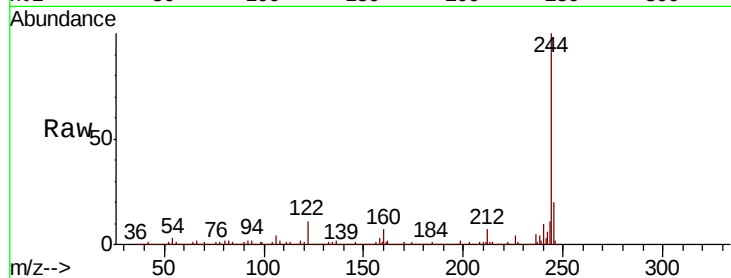
Tgt Ion:244 Resp: 1153918

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

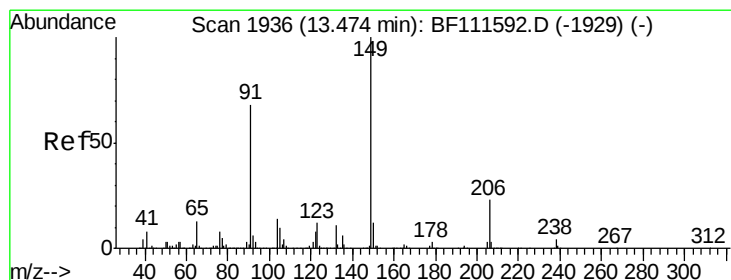
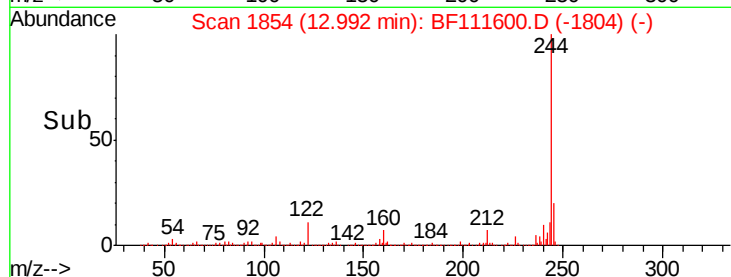
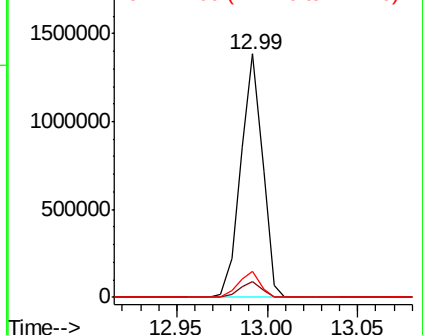
122 10.7 13.1 19.7#



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

Butylbenzylphthalate

Concen: 0.561 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

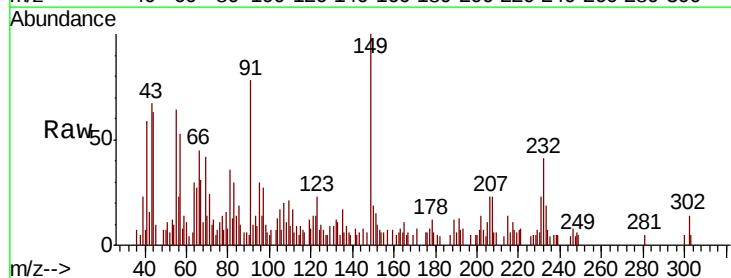
Tgt Ion:149 Resp: 7704

Ion Ratio Lower Upper

149 100

91 78.3 63.8 95.6

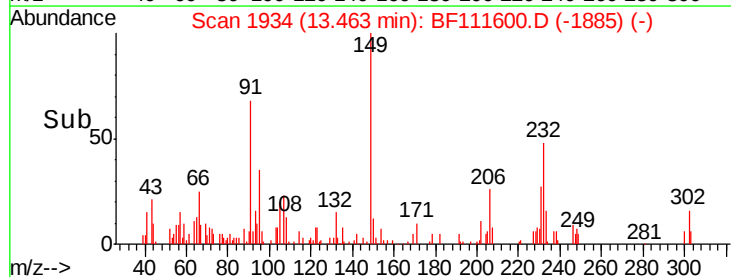
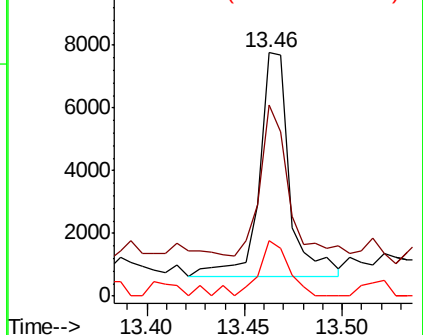
206 22.6 15.1 22.7

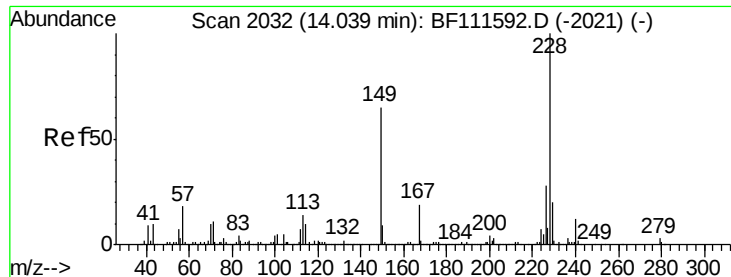


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

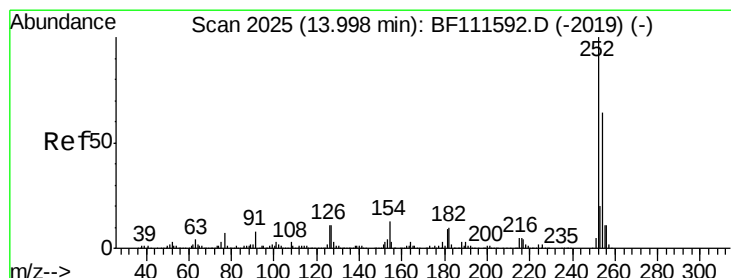
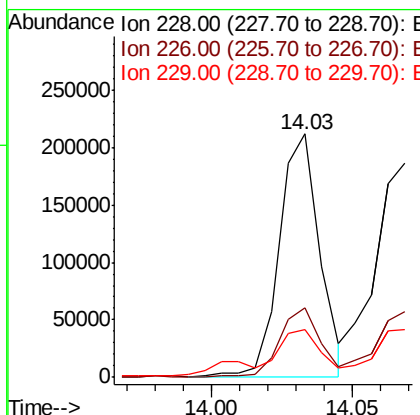
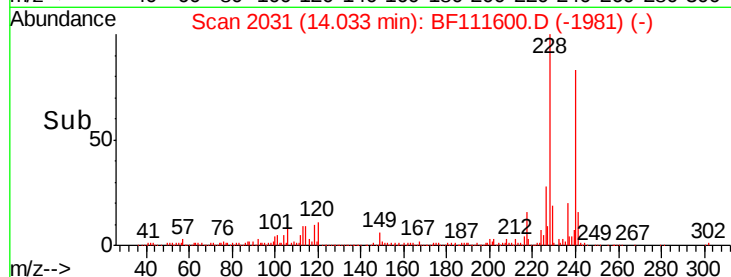
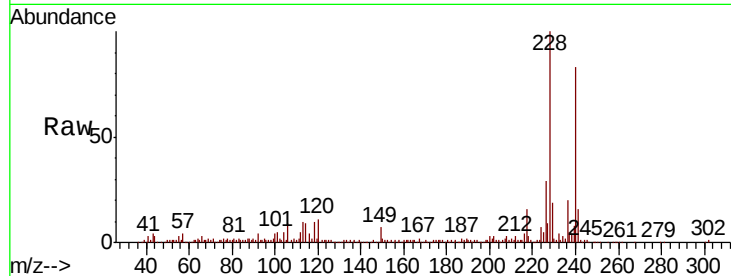




#81
Benzo(a)anthracene
Concen: 7.640 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

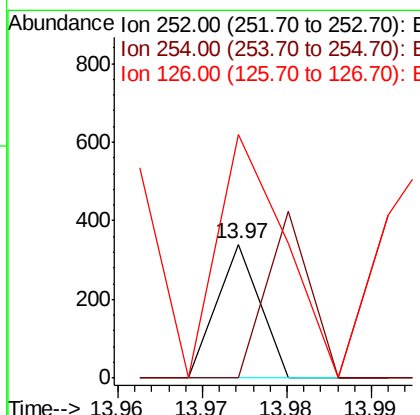
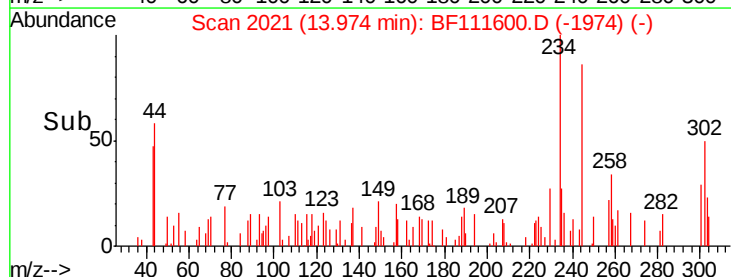
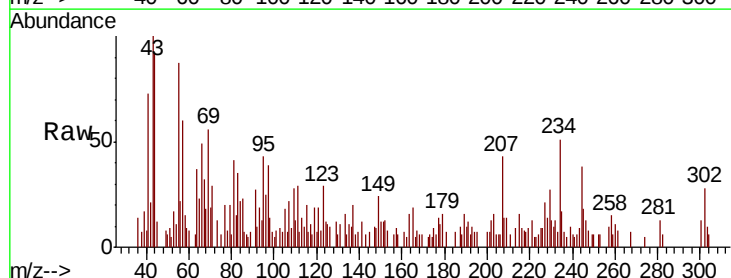
Instrument :
BNA_F
ClientSampleId :
TP-5-A

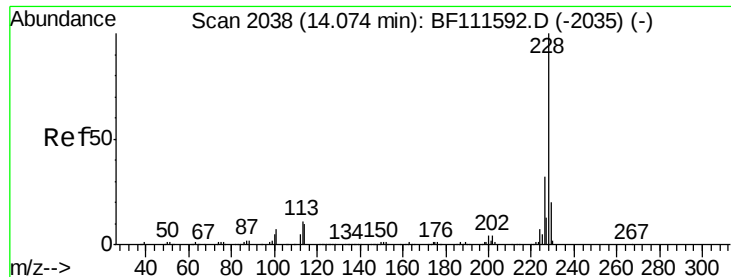
Tgt Ion: 228 Resp: 208161
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 19.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 0.011 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 252 Resp: 120
Ion Ratio Lower Upper
252 100
254 0.0 52.7 79.1#
126 182.1 11.1 16.7#





#83

Chrysene

Concen: 7.084 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TP-5-A

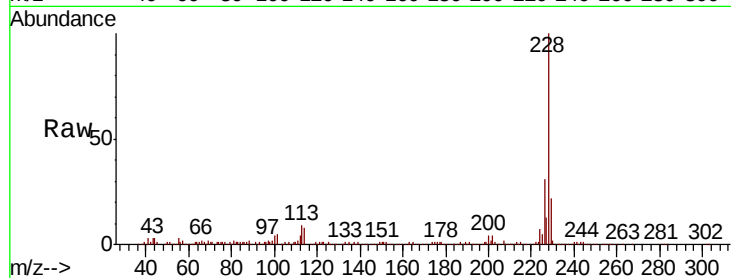
Tgt Ion:228 Resp: 189701

Ion Ratio Lower Upper

228 100

226 30.8 25.3 37.9

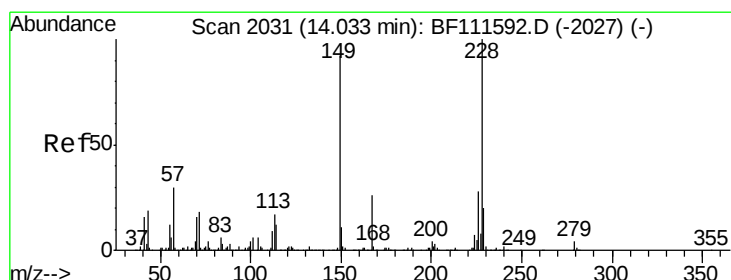
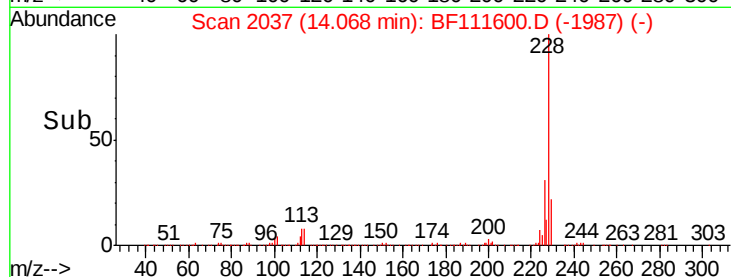
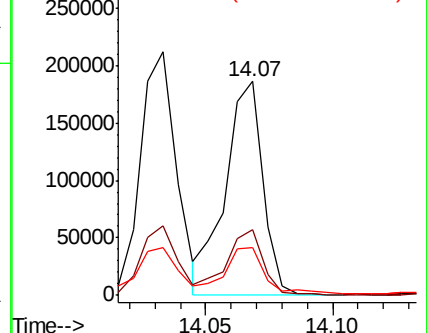
229 22.3 17.2 25.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.799 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

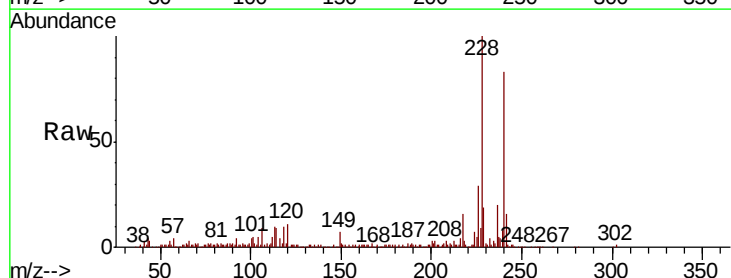
Tgt Ion:149 Resp: 13830

Ion Ratio Lower Upper

149 100

167 30.0 22.5 33.7

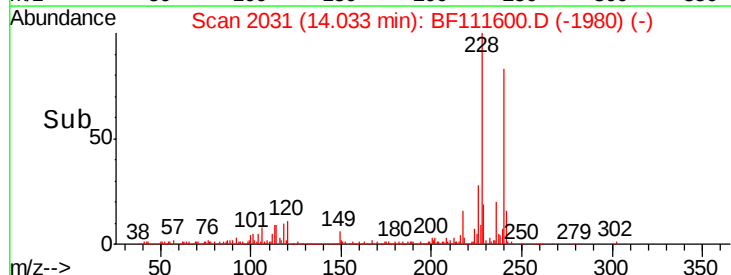
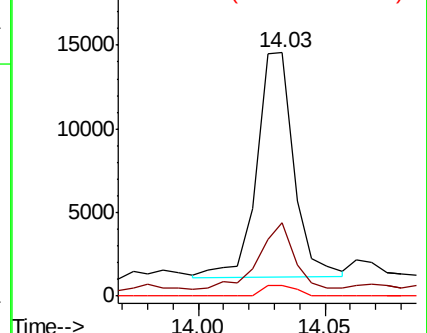
279 4.3 2.6 4.0#

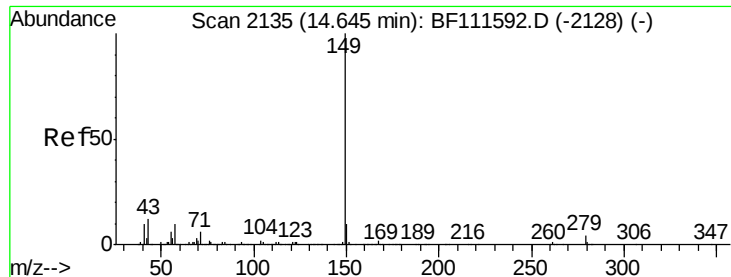


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.061 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

Instrument :

BNA_F

ClientSampled :

TP-5-A

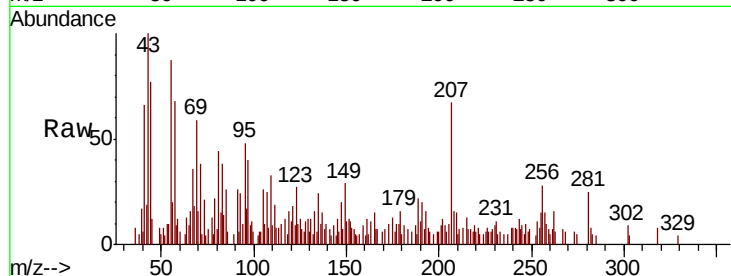
Tgt Ion:149 Resp: 1623

Ion Ratio Lower Upper

149 100

167 14.0 1.3 1.9#

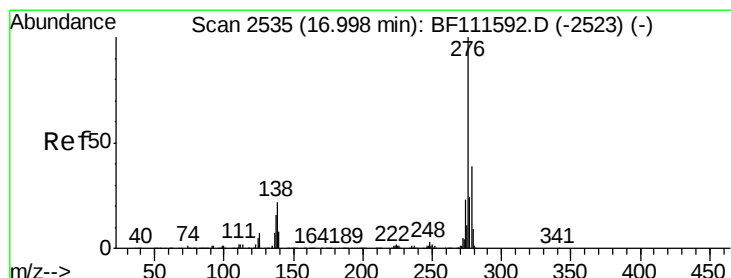
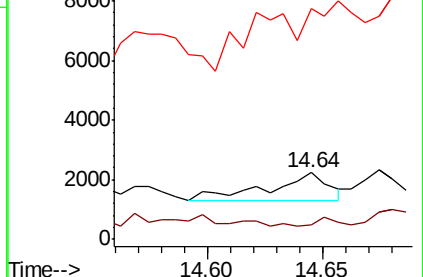
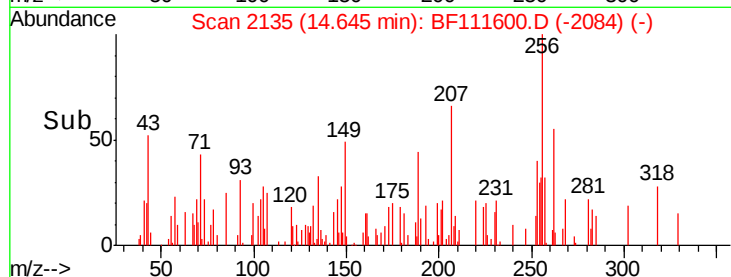
43 140.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.015 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.17 min

Lab File: BF111600.D

Acq: 19 Dec 2018 19:53

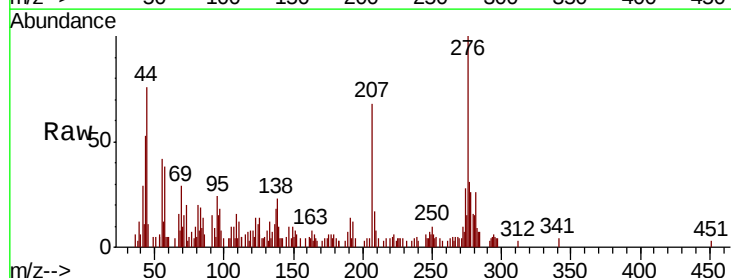
Tgt Ion:276 Resp: 23098

Ion Ratio Lower Upper

276 100

138 33.0 27.8 41.6

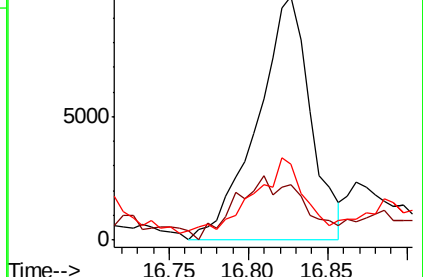
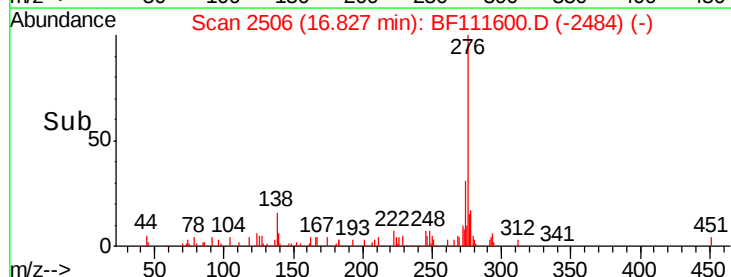
277 27.9 20.1 30.1

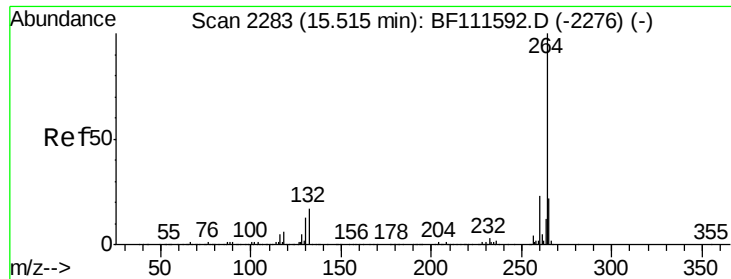


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



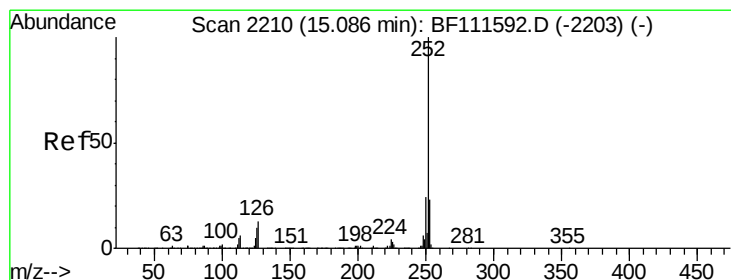
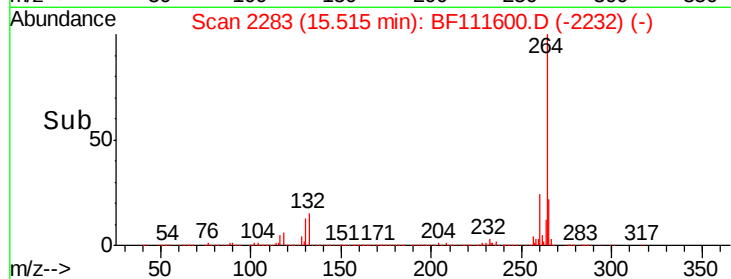
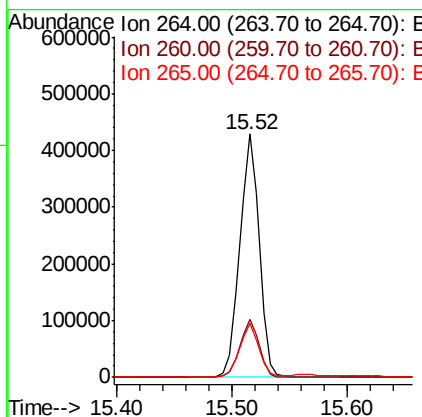
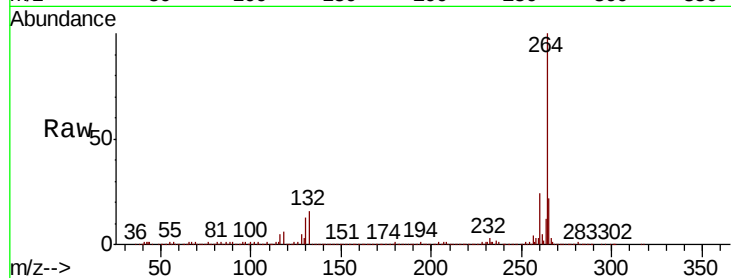


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion:264 Resp: 501661

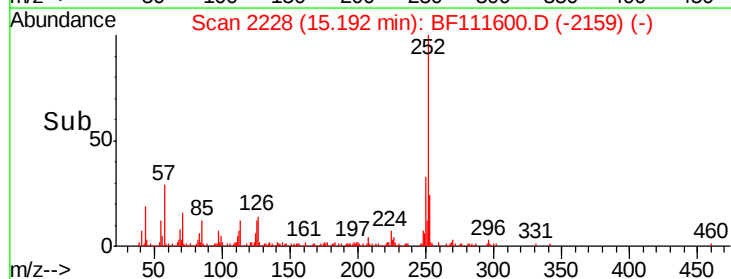
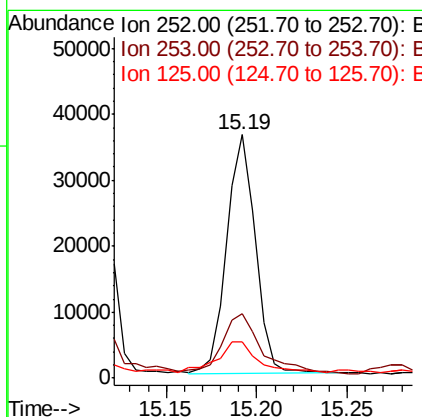
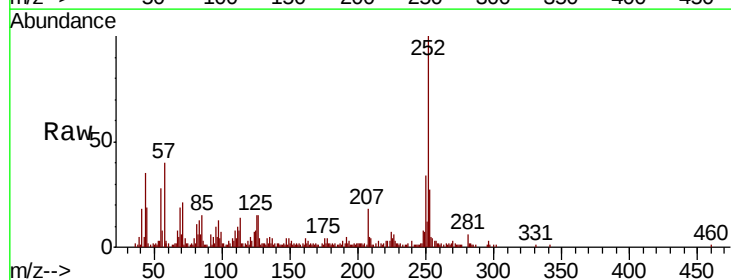
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.1	17.7	26.5

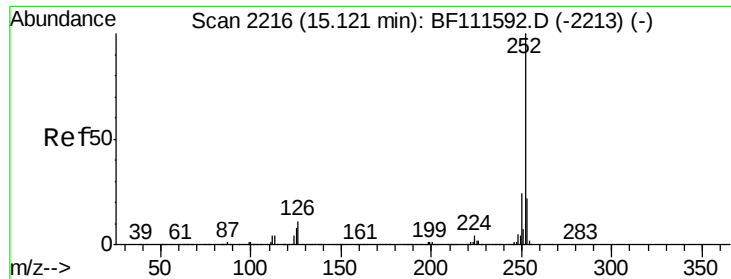


#88
Benzo(b)fluoranthene
Concen: 1.360 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.11 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:252 Resp: 39885

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	15.1	10.4	15.6

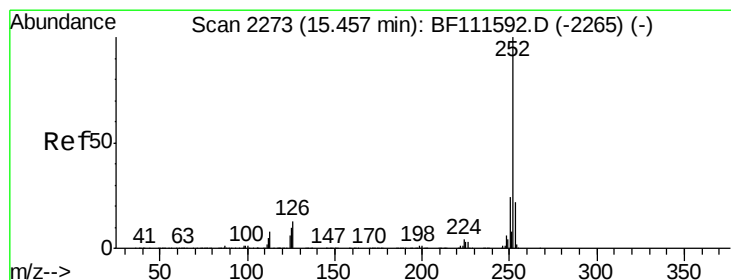
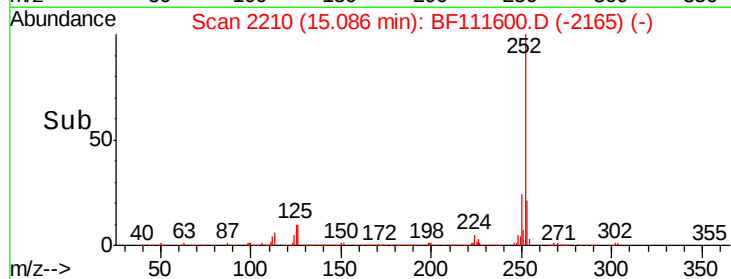
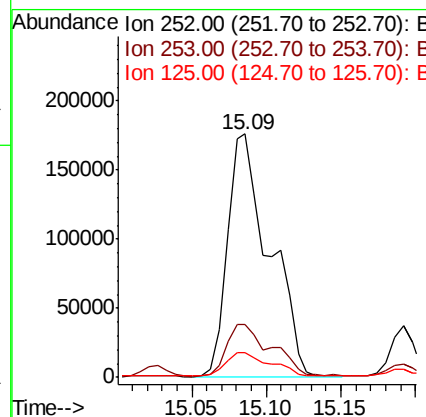
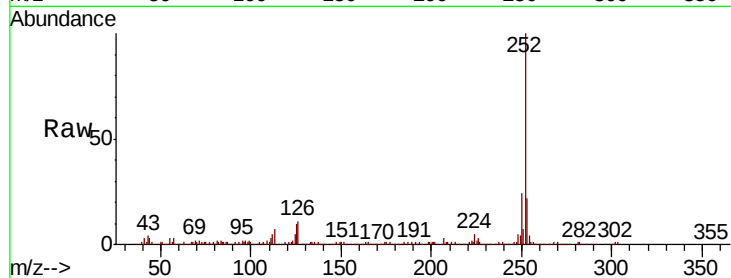




#89
Benzo(k)fluoranthene
Concen: 12.303 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

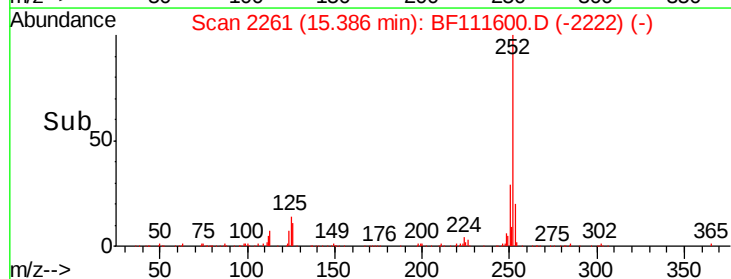
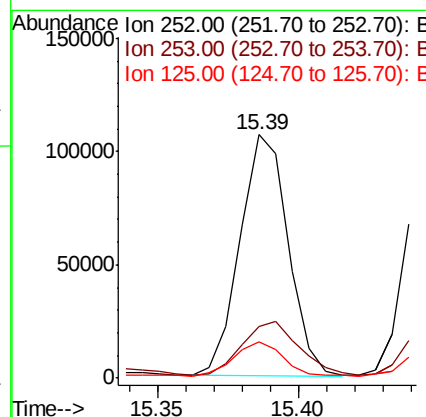
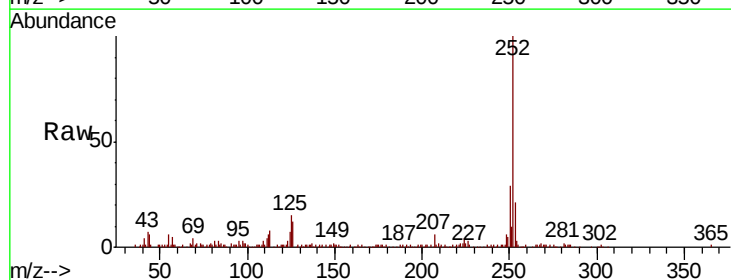
Instrument :
BNA_F
ClientSampleId :
TP-5-A

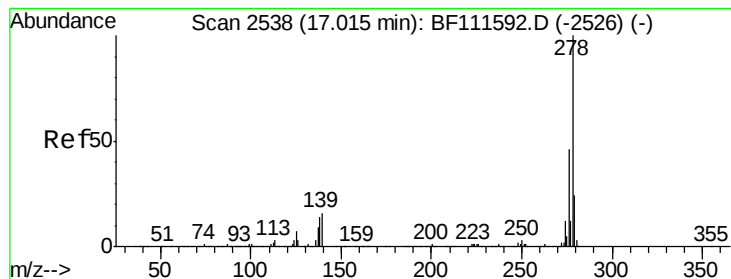
Tgt Ion:252 Resp: 343415
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 10.4 9.8 14.8



#90
Benzo(a)pyrene
Concen: 4.738 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.07 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion:252 Resp: 126205
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 14.9 12.3 18.5



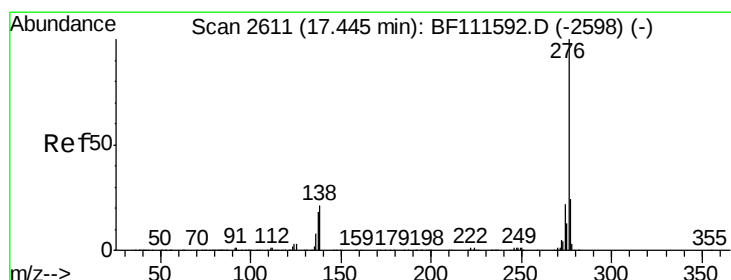
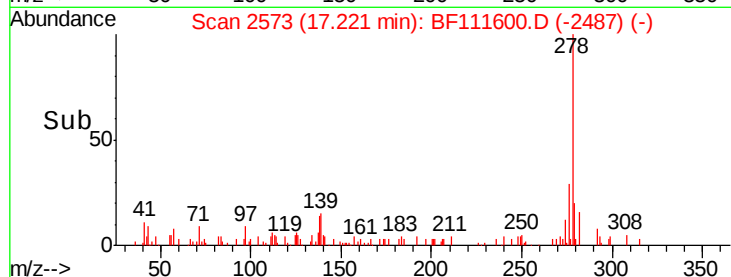
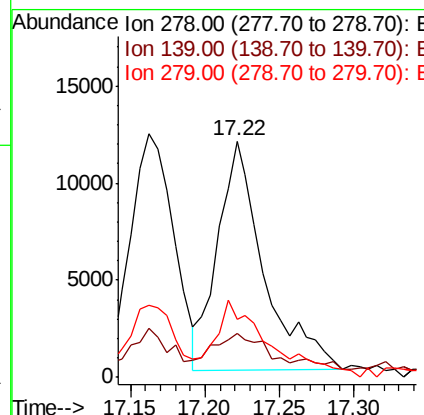
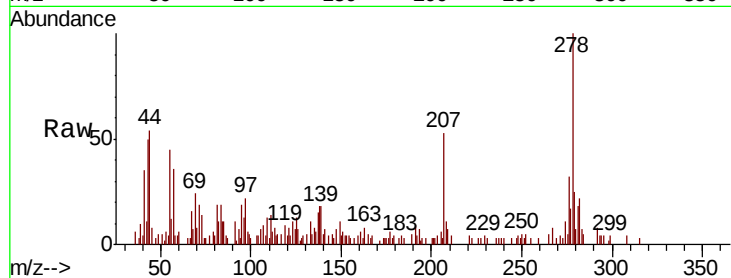


#91
Dibenzo(a,h)anthracene
Concen: 1.092 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.21 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tgt Ion: 278 Resp: 25471

Ion	Ratio	Lower	Upper
278	100		
139	18.5	18.2	27.4
279	24.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 4.855 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF111600.D
Acq: 19 Dec 2018 19:53

Tgt Ion: 276 Resp: 110584

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	19.1	24.9	37.3

