

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111333.D
 Acq On : 12 Dec 2018 20:38
 Operator : JU/SJ
 Sample : J6214-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Quant Time: Dec 13 01:21:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	300483	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1119093	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	433614	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	645613	20.00	ng	0.00
76) Chrysene-d12	13.95	240	423909	20.00	ng	0.00
87) Perylene-d12	15.39	264	342323	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1735307	97.66	ng	0.00
7) Phenol-d6	6.43	99	2170149	90.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	1314645	66.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	286884	75.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1893801	70.12	ng	0.00
79) Terphenyl-d14	12.90	244	1258646	65.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	406	0.046	ng	# 16
3) Pyridine	3.30	79	152	0.007	ng	# 7
4) n-Nitrosodimethylamine	3.19	42	240	0.024	ng	# 1
6) Aniline	6.44	93	4148	0.143	ng	# 1
8) 2-Chlorophenol	6.58	128	581	0.027	ng	# 1
9) Benzaldehyde	6.33	77	4623	Below Cal		93
10) Phenol	6.44	94	142795	5.262	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	2743	0.128	ng	# 1
12) 1,3-Dichlorobenzene	6.80	146	127	0.005	ng	# 1
13) 1,4-Dichlorobenzene	6.80	146	127	0.005	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	226	0.010	ng	# 1
15) Benzyl Alcohol	6.95	79	22679	1.236	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.87	45	856	0.021	ng	72
17) 2-Methylphenol	7.05	107	1423	0.081	ng	# 70
18) Hexachloroethane	7.29	117	162	0.018	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	173633	10.907	ng	# 79
20) 3+4-Methylphenols	7.20	107	4888	0.232	ng	# 71
22) Acetophenone	7.19	105	5655	0.218	ng	# 69
24) Nitrobenzene	7.35	77	5096	0.249	ng	# 38
25) Isophorone	7.35	82	1293302	38.347	ng	# 64
27) 2,4-Dimethylphenol	7.93	122	625	0.041	ng	85
28) bis(2-Chloroethoxy)methane	7.83	93	145	0.006	ng	# 1
31) Naphthalene	8.09	128	159064	3.051	ng	95
32) Benzoic acid	7.86	122	2981	0.235	ng	# 37
33) 4-Chloroaniline	8.09	127	20333	0.913	ng	# 37
35) Caprolactam	8.51	113	415	0.074	ng	# 1
36) 4-Chloro-3-methylphenol	8.63	107	1612	0.095	ng	# 20
37) 2-Methylnaphthalene	8.79	142	53276	1.581	ng	99
38) 1-Methylnaphthalene	8.89	142	42979	1.321	ng	92
46) 1,1'-Biphenyl	9.25	154	17694	0.478	ng	95
47) 2-Chloronaphthalene	9.26	162	109	0.004	ng	# 26
48) 2-Nitroaniline	9.36	65	327	0.036	ng	# 6
49) Acenaphthylene	9.69	152	68775	1.661	ng	96
50) Dimethylphthalate	9.55	163	354609	11.372	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111333.D
 Acq On : 12 Dec 2018 20:38
 Operator : JU/SJ
 Sample : J6214-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

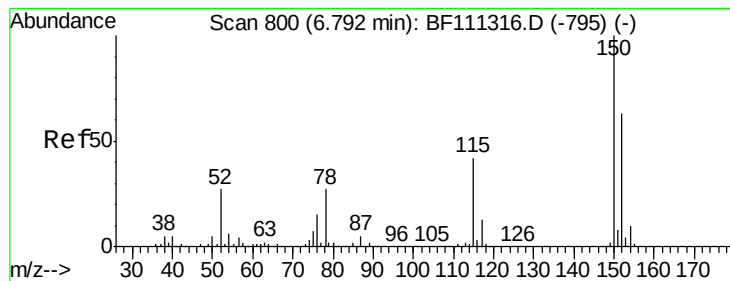
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Quant Time: Dec 13 01:21:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 2,6-Dinitrotoluene	9.54	165	4868	0.704	ng	# 15
52) Acenaphthene	9.86	154	141367	5.414	ng	95
53) 3-Nitroaniline	9.82	138	319	0.038	ng	# 43
55) Dibenzofuran	10.03	168	94207	2.499	ng	94
56) 4-Nitrophenol	9.93	139	1834	0.307	ng	# 65
57) 2,4-Dinitrotoluene	9.99	165	2683	0.303	ng	# 61
58) Fluorene	10.37	166	132410	4.911	ng	100
60) Diethylphthalate	10.24	149	11944	0.380	ng	94
61) 4-Chlorophenyl-phenylether	10.50	204	112	0.008	ng	# 1
62) 4-Nitroaniline	10.37	138	2000	0.250	ng	# 47
63) Azobenzene	10.53	77	2626	0.083	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.62	198	701	0.189	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	1068	0.047	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	18070	2.514	ng	# 1
69) Atrazine	11.26	200	125	0.019	ng	# 1
71) Phenanthrene	11.33	178	1179804	35.355	ng	95
72) Anthracene	11.39	178	361557	10.641	ng	94
73) Carbazole	11.54	167	130221	3.706	ng	97
74) Di-n-butylphthalate	11.87	149	16289	0.407	ng	# 91
75) Fluoranthene	12.53	202	1532280	47.036	ng	98
77) Benzidine	12.90	184	15796	1.975	ng	95
78) Pyrene	12.75	202	1387704	42.417	ng	97
80) Butylbenzylphthalate	13.37	149	17666	1.125	ng	97
81) Benzo(a)anthracene	13.94	228	658766	27.775	ng	98
82) 3,3'-Dichlorobenzidine	13.87	252	654	0.073	ng	# 55
83) Chrysene	13.97	228	561546	23.206	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	35244	1.835	ng	# 99
85) Di-n-octyl phthalate	14.56	149	2643	0.084	ng	# 69
86) Indeno(1,2,3-cd)pyrene	16.65	276	45675	2.413	ng	97
88) Benzo(b)fluoranthene	14.98	252	814095	41.822	ng	# 96
89) Benzo(k)fluoranthene	14.98	252	814095	41.899	ng	# 95
90) Benzo(a)pyrene	15.33	252	429576	23.701	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	67077	4.448	ng	# 83
92) Benzo(g,h,i)perylene	17.23	276	228645	15.166	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

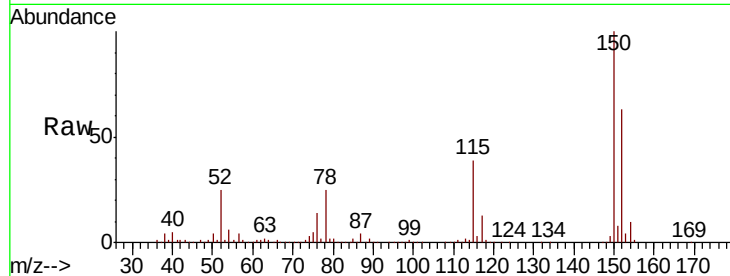
Tgt Ion:152 Resp: 300483

Ion Ratio Lower Upper

152 100

150 159.8 126.6 189.8

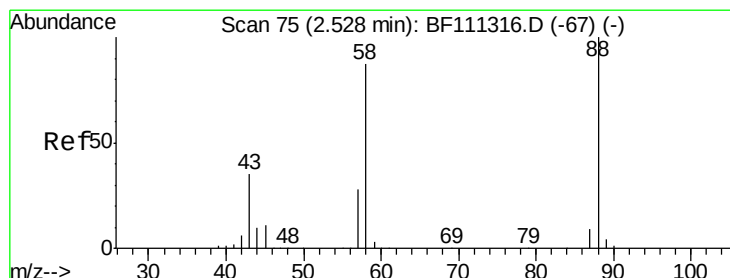
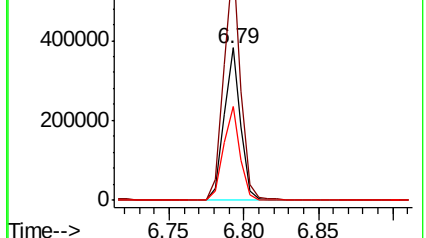
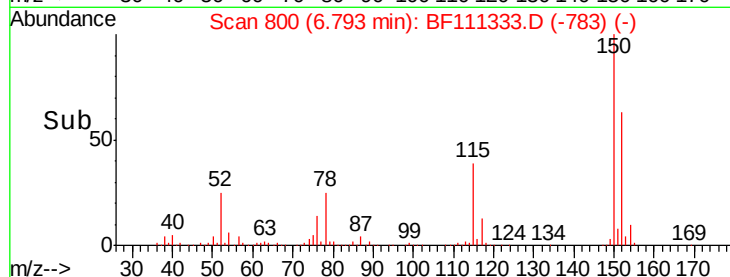
115 61.8 50.7 76.1



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



#2

1,4-Dioxane

Concen: 0.046 ng

RT: 2.53 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

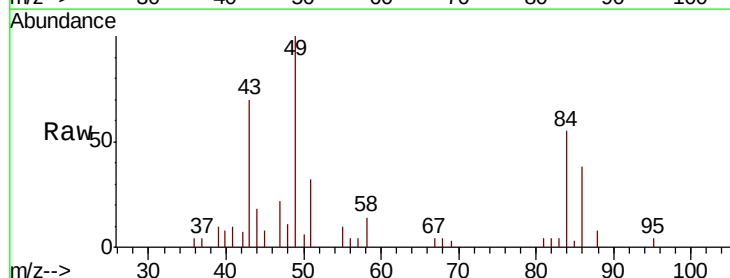
Tgt Ion: 88 Resp: 406

Ion Ratio Lower Upper

88 100

58 0.0 68.9 103.3#

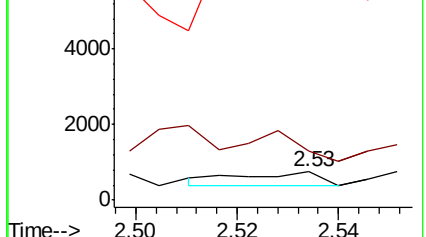
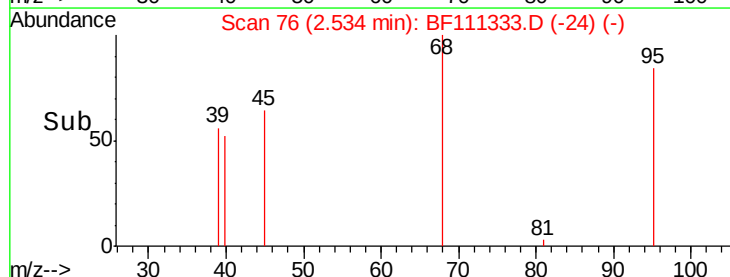
43 0.0 25.8 38.6#

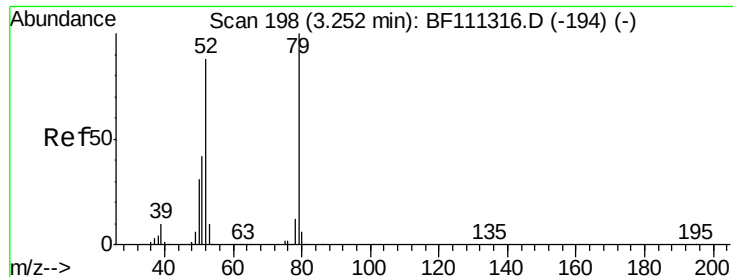


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.007 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

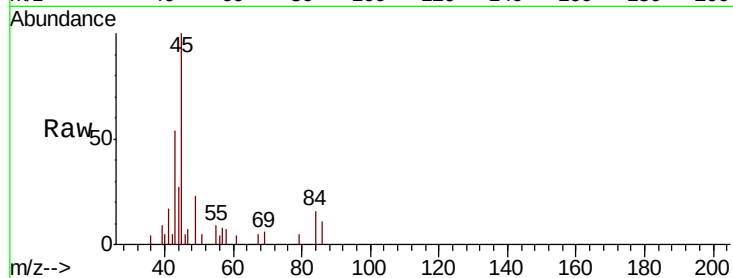
Tgt Ion: 79 Resp: 152

Ion Ratio Lower Upper

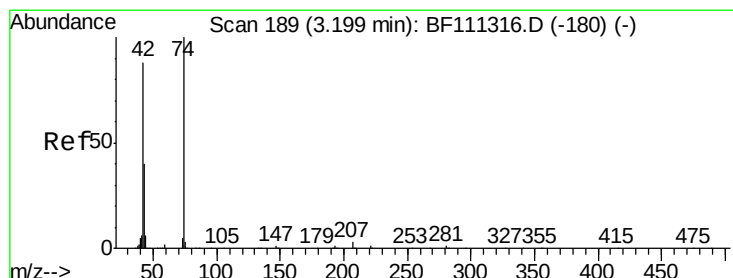
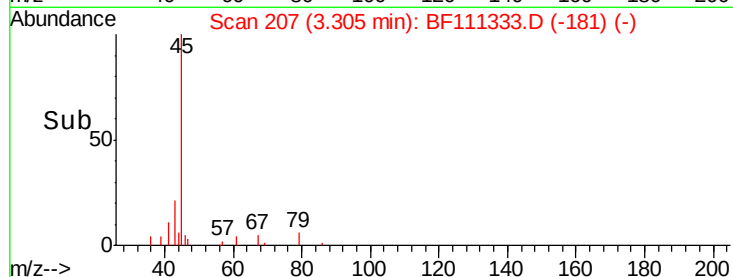
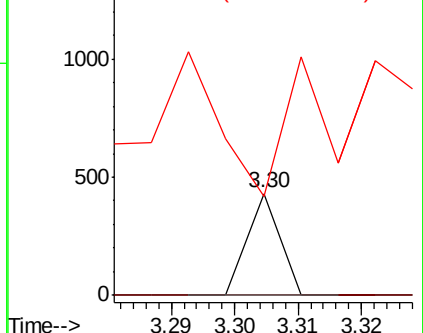
79 100

52 0.0 68.3 102.5#

51 97.7 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: 0.024 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

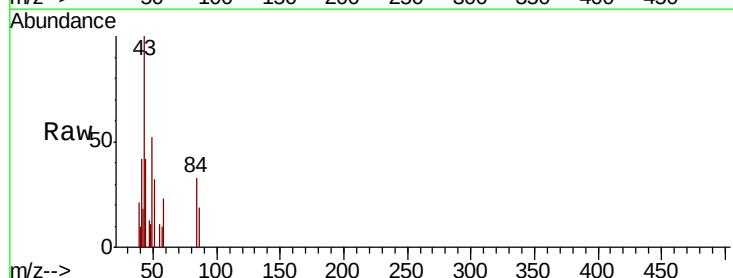
Tgt Ion: 42 Resp: 240

Ion Ratio Lower Upper

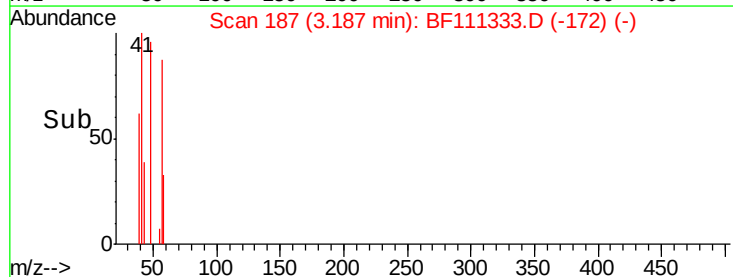
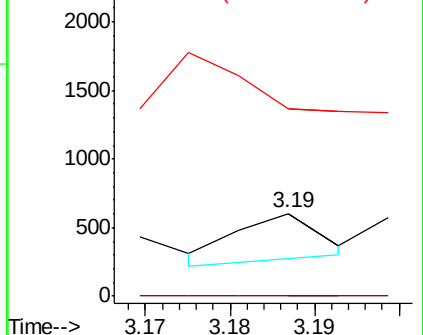
42 100

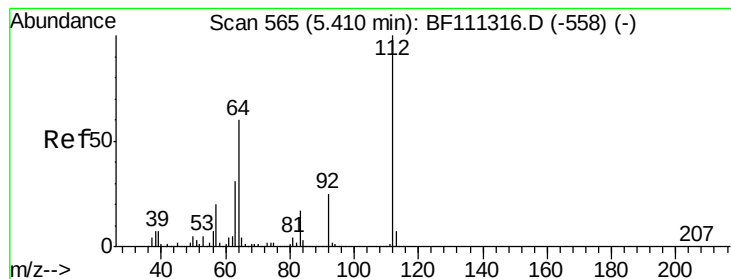
74 0.0 101.5 152.3#

44 226.4 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: 97.658 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

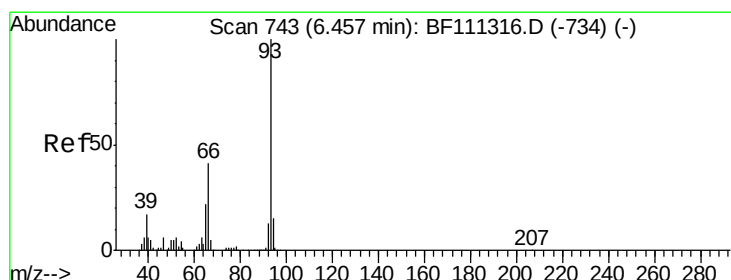
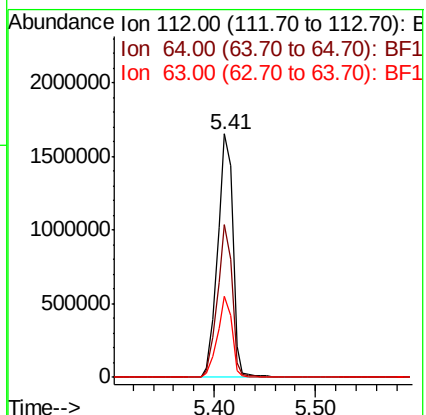
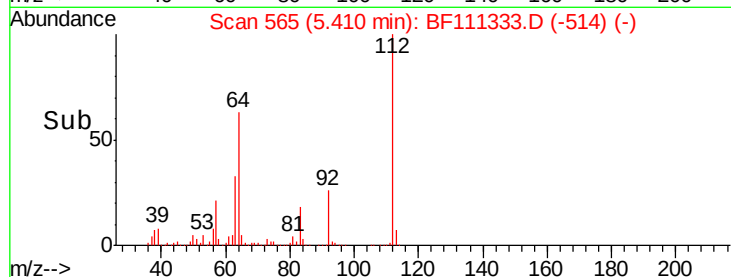
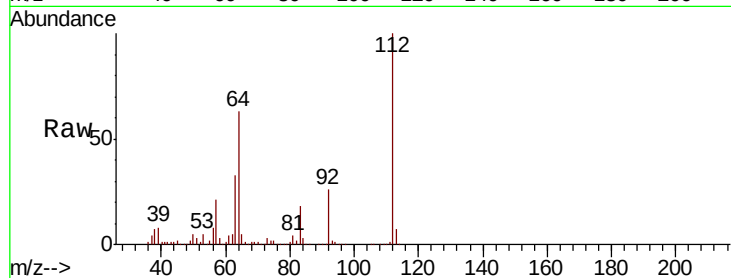
Tgt Ion:112 Resp: 1735307

Ion Ratio Lower Upper

112 100

64 62.9 51.8 77.6

63 33.2 26.8 40.2



#6

Aniline

Concen: 0.143 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

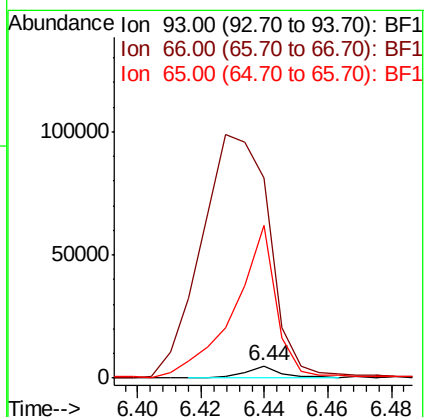
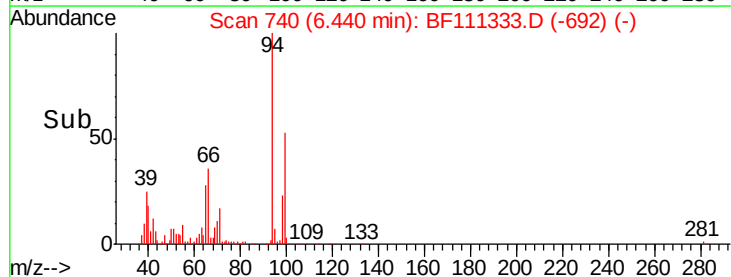
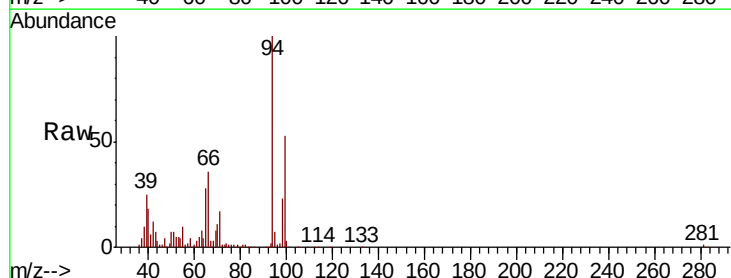
Tgt Ion: 93 Resp: 4148

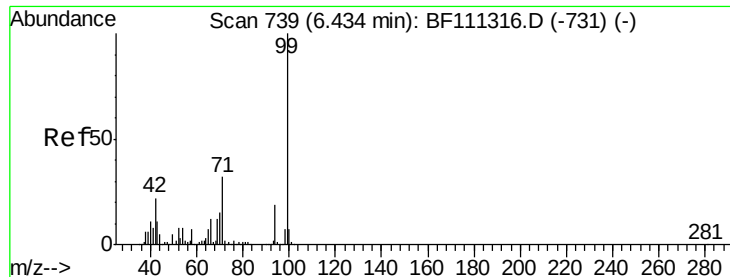
Ion Ratio Lower Upper

93 100

66 1590.9 33.2 49.8#

65 1218.7 17.0 25.4#





#7

Phenol-d6

Concen: 90.583 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

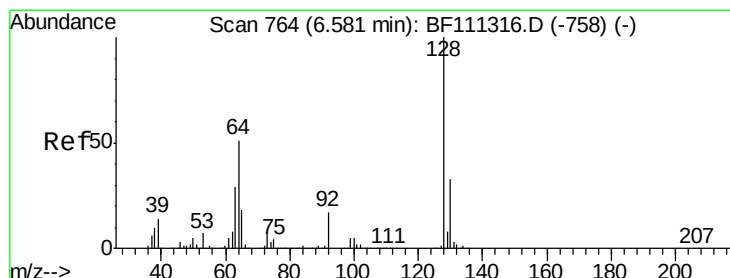
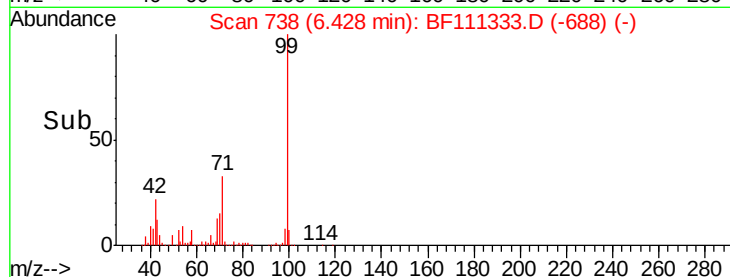
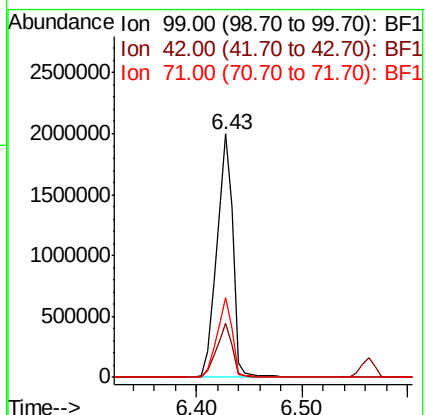
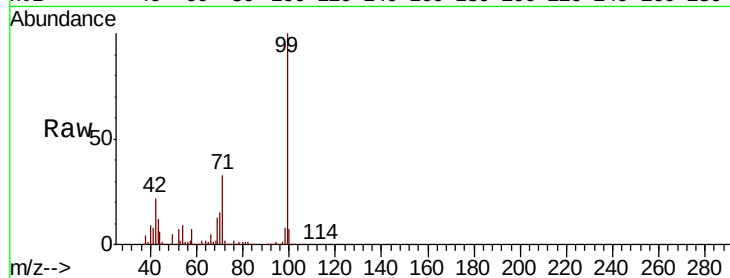
Tgt Ion: 99 Resp: 2170149

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 32.6 26.1 39.1



#8

2-Chlorophenol

Concen: 0.027 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

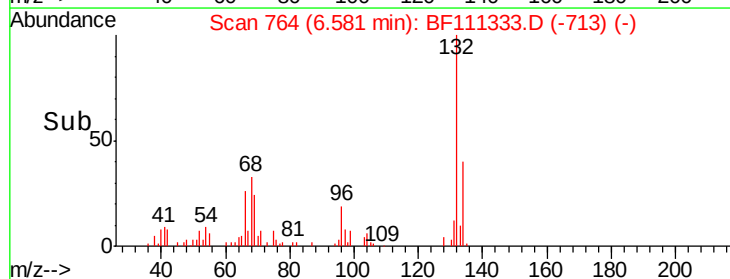
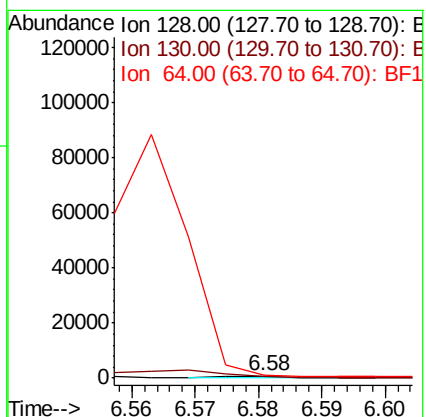
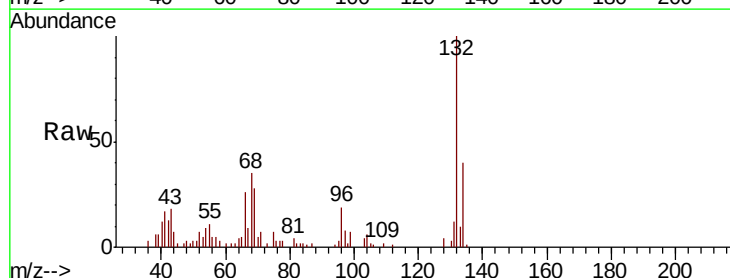
Tgt Ion: 128 Resp: 581

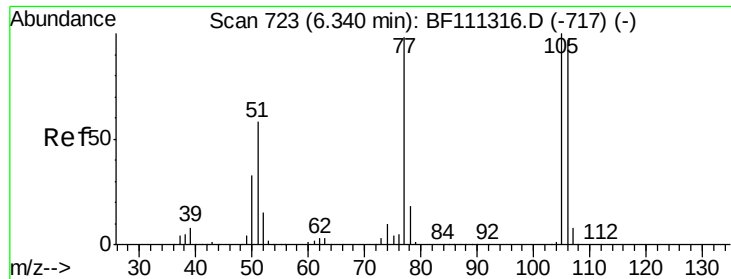
Ion Ratio Lower Upper

128 100

130 80.0 12.7 52.7#

64 125.9 30.0 70.0#





#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

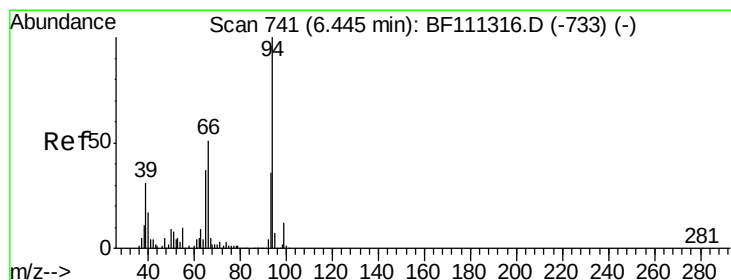
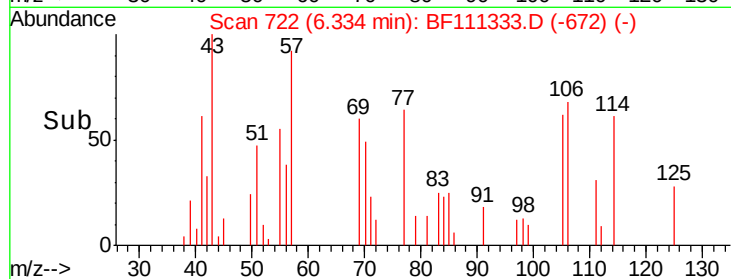
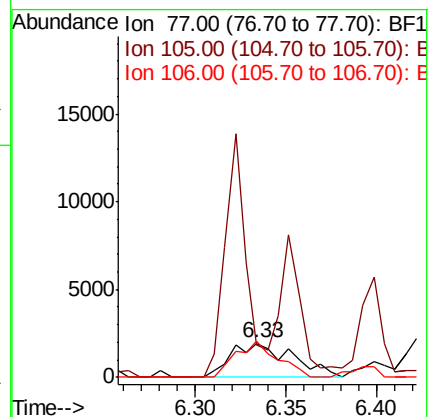
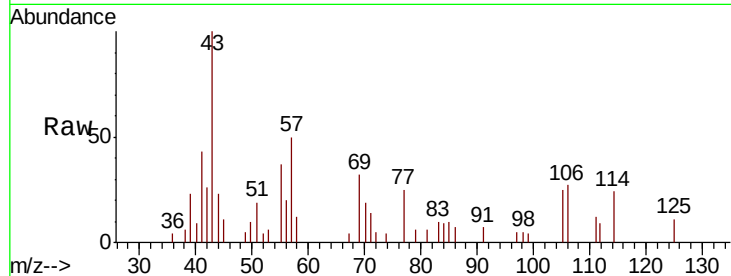
Tgt Ion: 77 Resp: 4623

Ion Ratio Lower Upper

77 100

105 96.6 81.4 121.4

106 106.5 77.9 117.9



#10

Phenol

Concen: 5.262 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

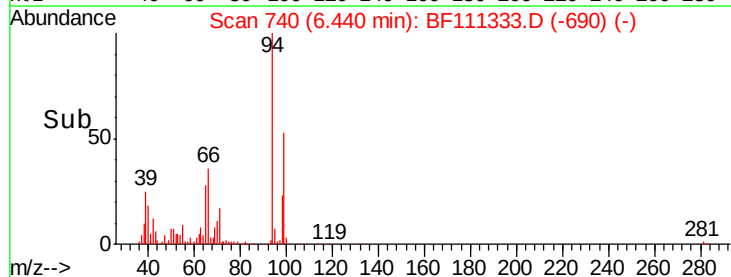
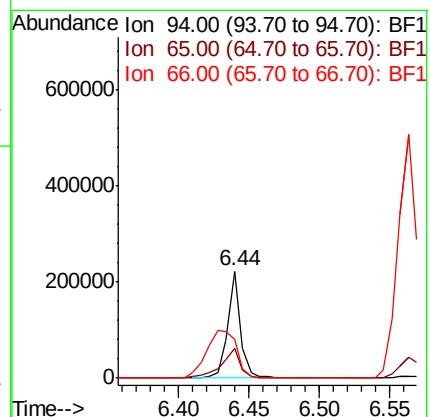
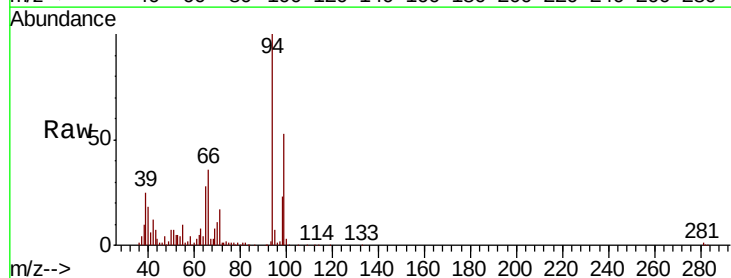
Tgt Ion: 94 Resp: 142795

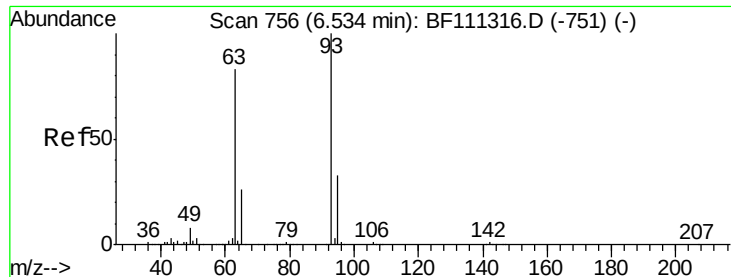
Ion Ratio Lower Upper

94 100

65 27.9 11.7 51.7

66 36.5 21.0 61.0

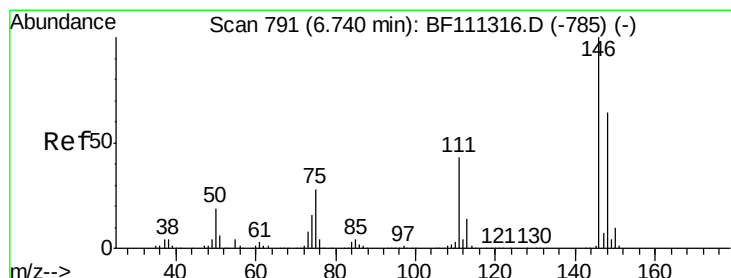
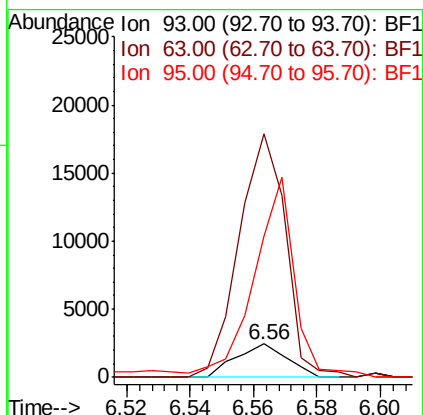
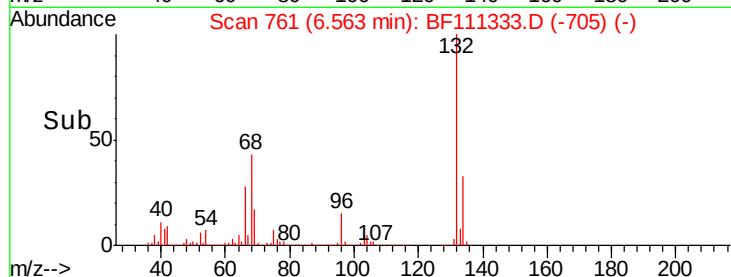
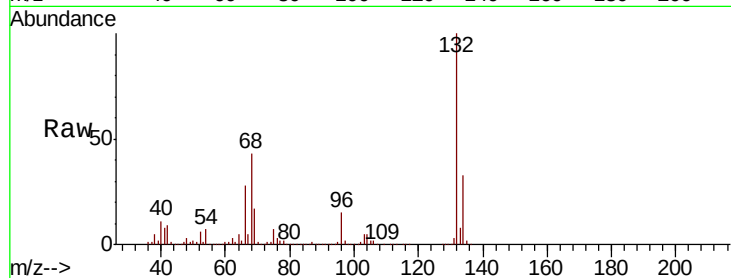




#11
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

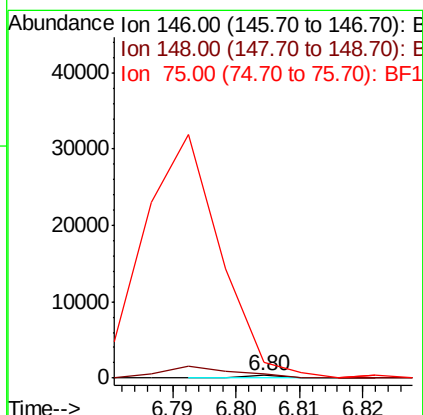
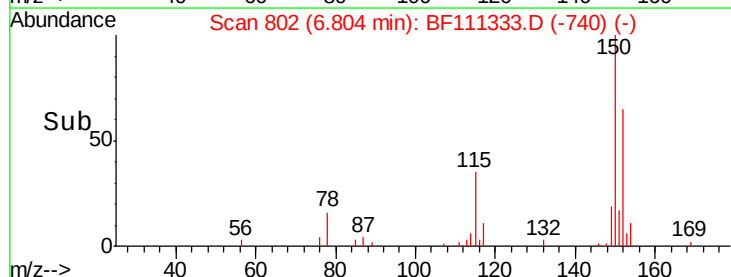
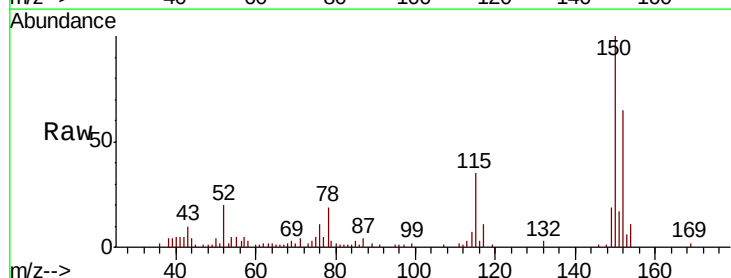
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

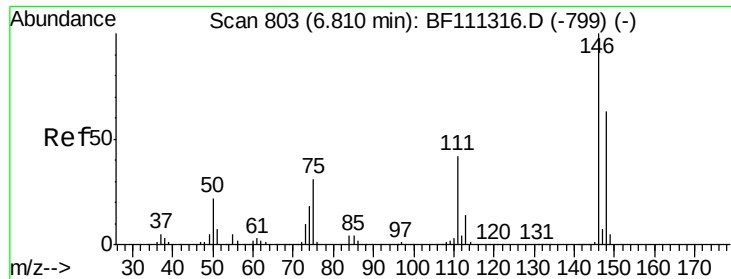
Tgt Ion: 93 Resp: 2743
Ion Ratio Lower Upper
93 100
63 727.1 60.0 100.0#
95 420.9 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.06 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion: 146 Resp: 127
Ion Ratio Lower Upper
146 100
148 141.5 52.1 78.1#
75 574.9 23.9 35.9#

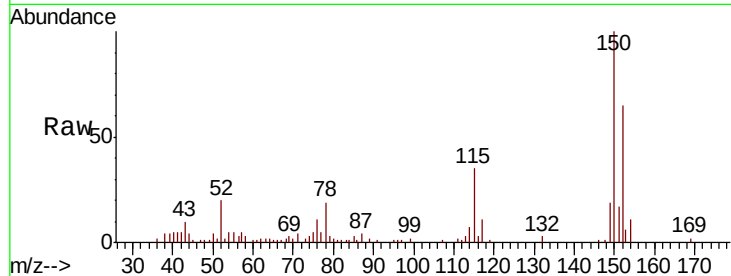




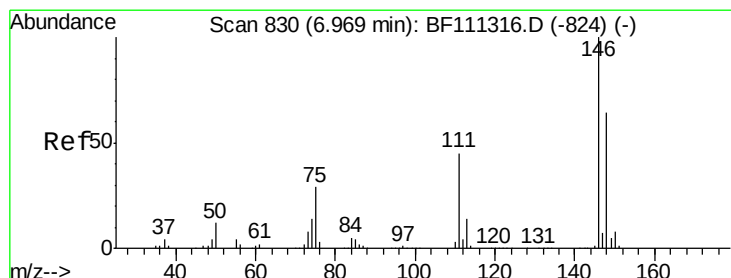
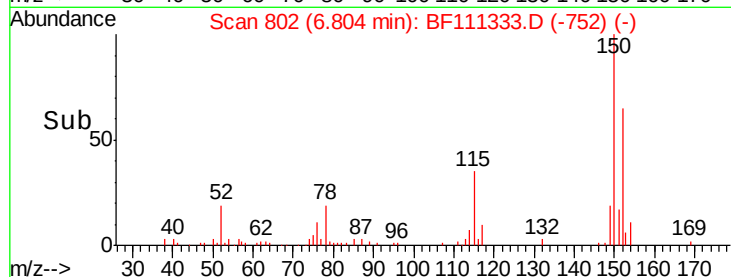
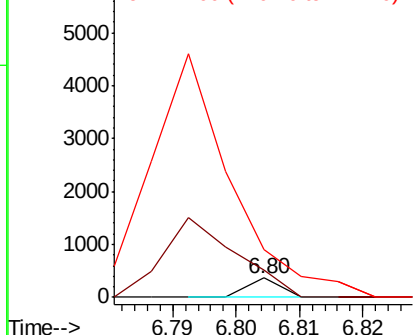
#13
 1,4-Dichlorobenzene
 Concen: 0.005 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:146 Resp: 127
 Ion Ratio Lower Upper
 146 100
 148 141.5 52.8 79.2#
 111 250.4 33.4 50.0#

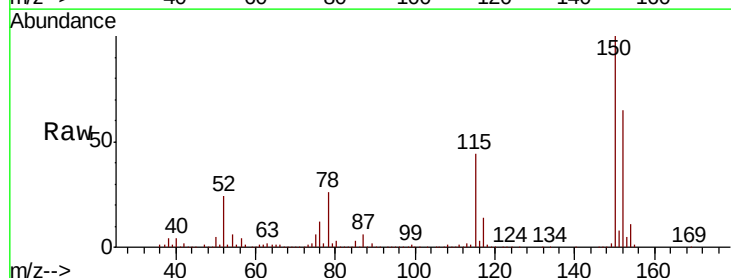


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

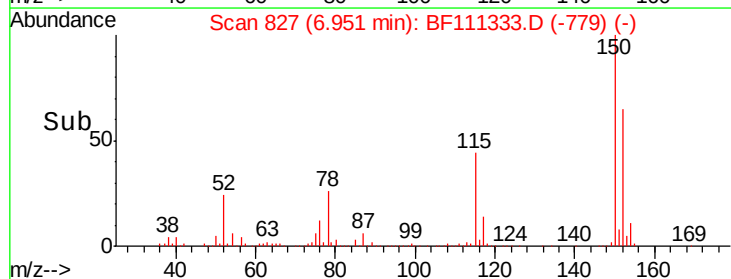
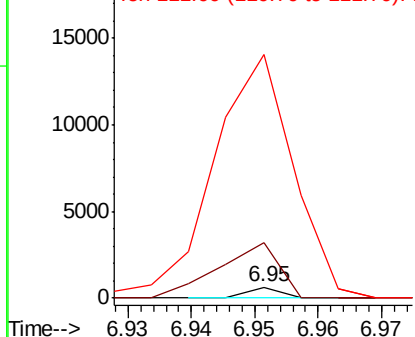


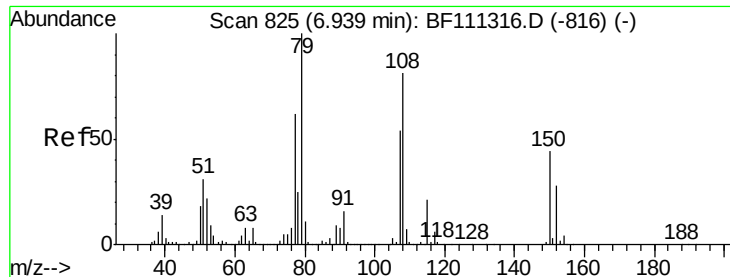
#14
 1,2-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion:146 Resp: 226
 Ion Ratio Lower Upper
 146 100
 148 497.7 51.9 77.9#
 111 2196.3 36.2 54.4#



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: 1.236 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

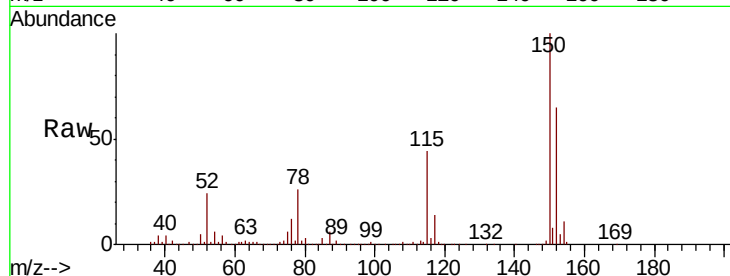
Tgt Ion: 79 Resp: 22679

Ion Ratio Lower Upper

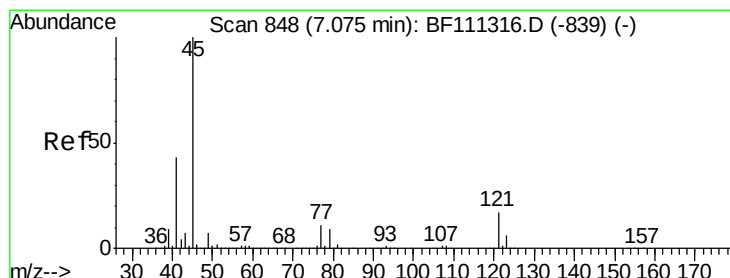
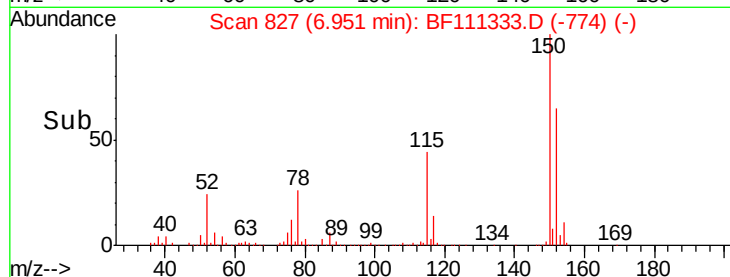
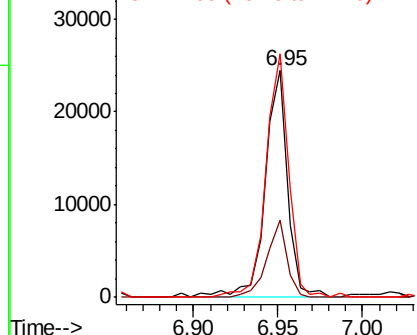
79 100

108 34.1 69.4 104.2#

77 107.3 49.7 74.5#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.021 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.20 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

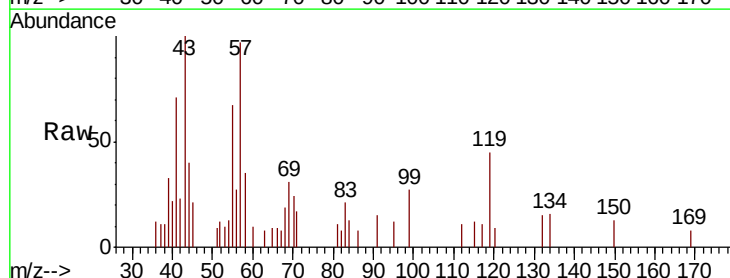
Tgt Ion: 45 Resp: 856

Ion Ratio Lower Upper

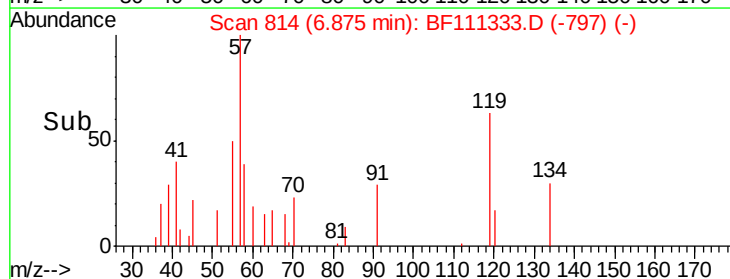
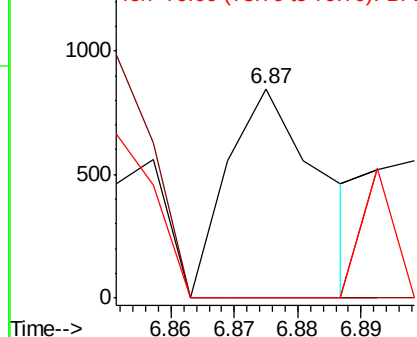
45 100

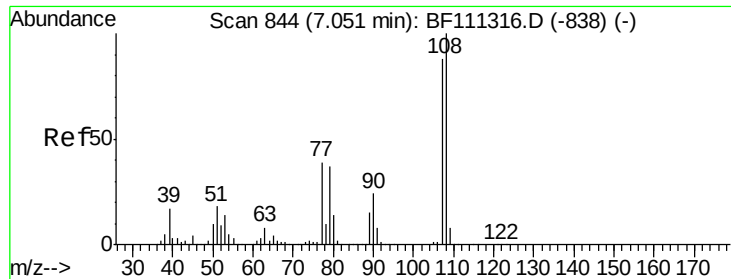
77 0.0 0.0 31.5

79 0.0 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

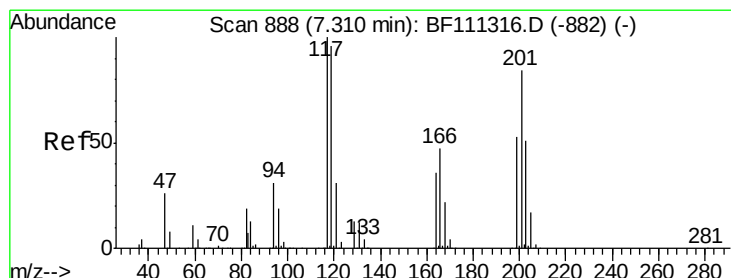
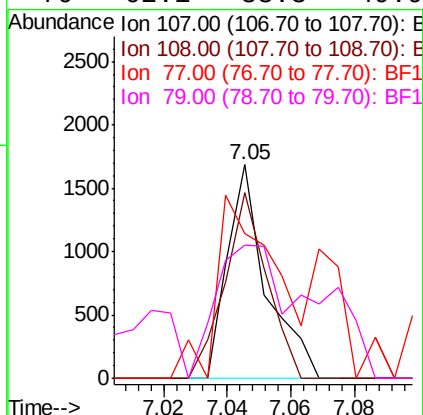
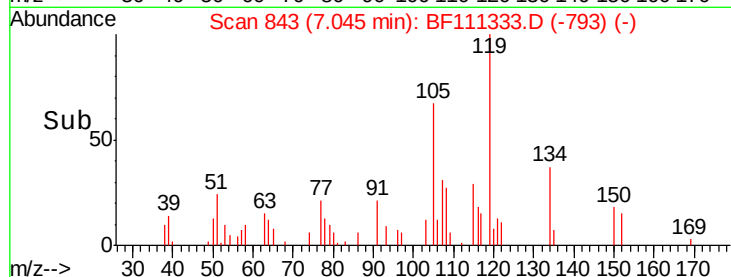
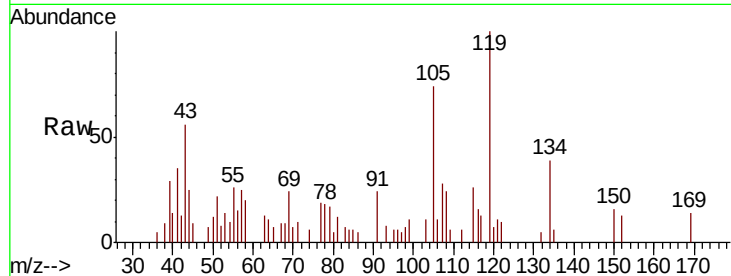




#17
2-Methylphenol
Concen: 0.081 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

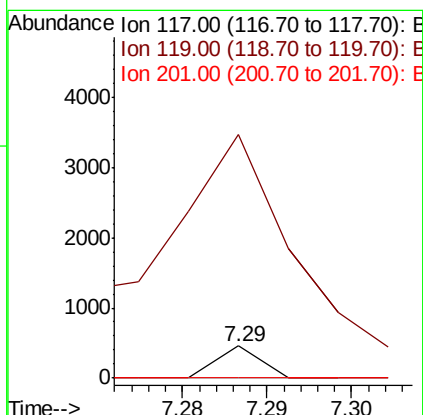
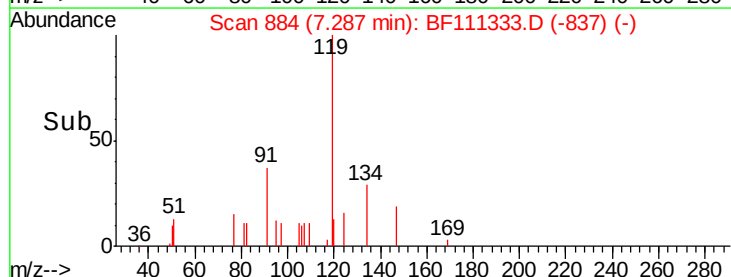
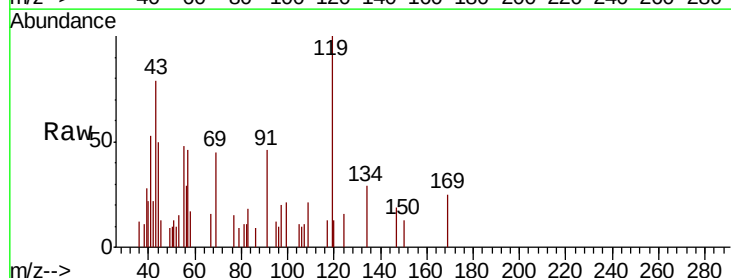
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

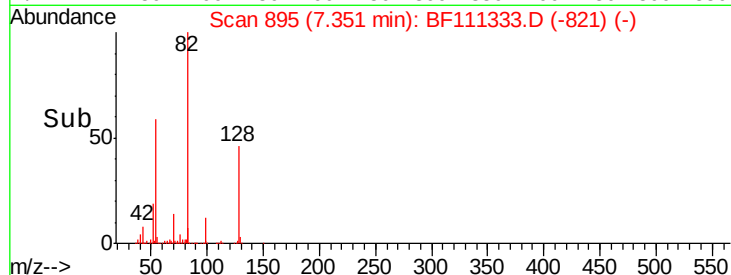
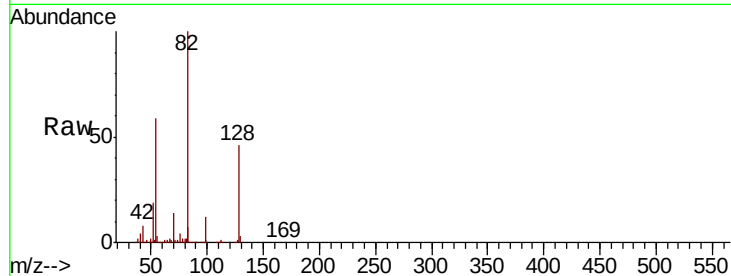
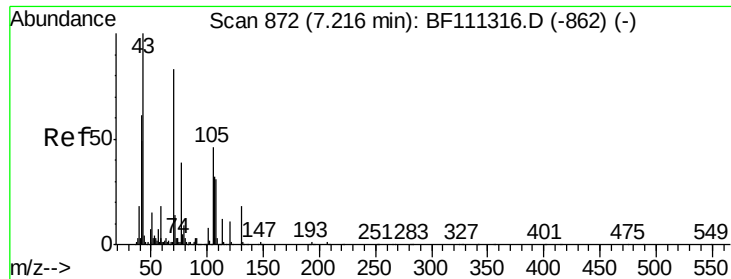
Tgt Ion:107 Resp: 1423
Ion Ratio Lower Upper
107 100
108 86.8 91.0 136.4#
77 67.7 33.5 50.3#
79 62.1 33.3 49.9#



#18
Hexachloroethane
Concen: 0.018 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:117 Resp: 162
Ion Ratio Lower Upper
117 100
119 757.9 75.4 113.0#
201 0.0 62.4 93.6#

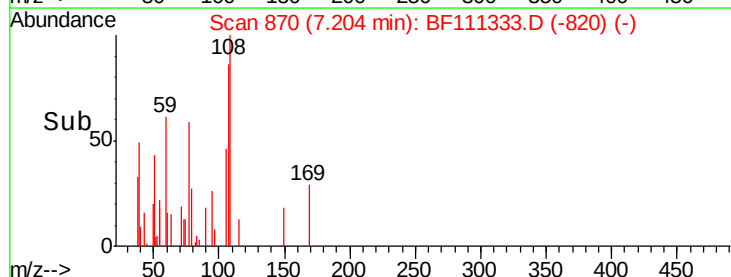
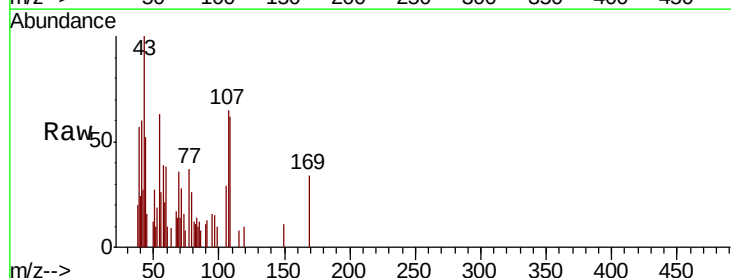
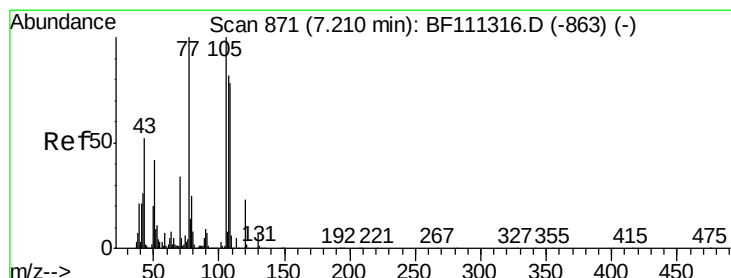
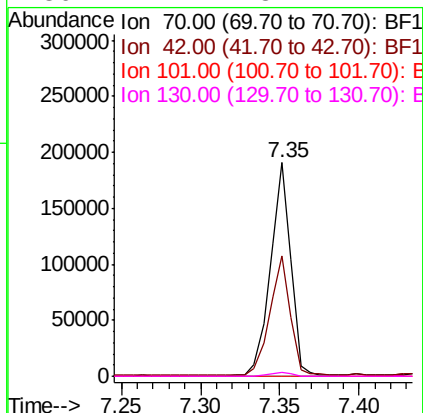




#19
n-Nitroso-di-n-propylamine
Concen: 10.907 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

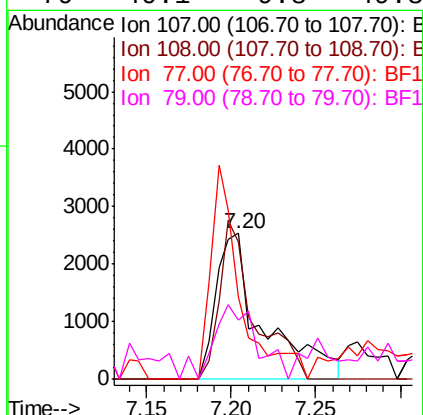
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

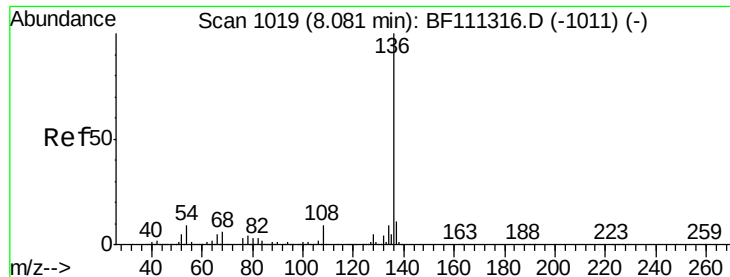
Tgt Ion:	70	Resp:	173633
Ion	Ratio	Lower	Upper
70	100		
42	56.3	53.2	79.8
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#



#20
3+4-Methylphenols
Concen: 0.232 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:	107	Resp:	4888
Ion	Ratio	Lower	Upper
107	100		
108	94.4	72.1	112.1
77	56.1	94.1	134.1#
79	40.1	9.8	49.8

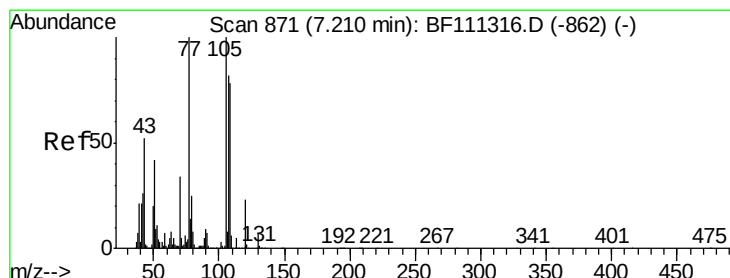
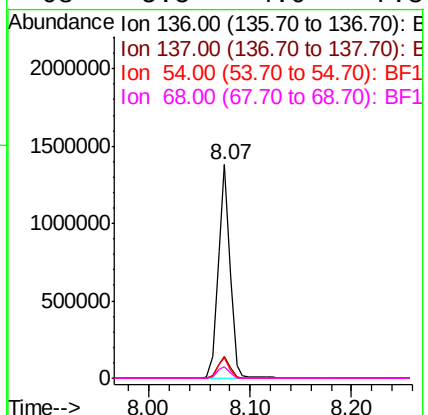
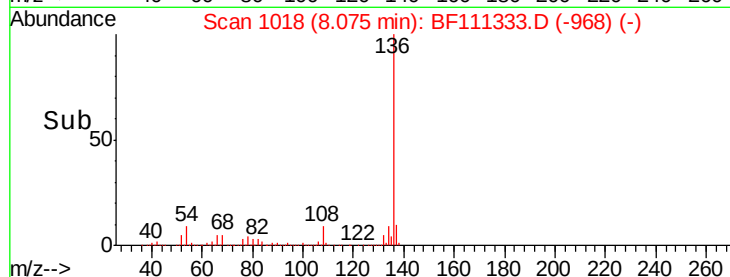
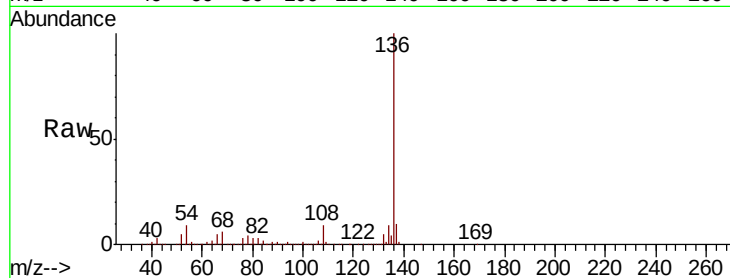




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

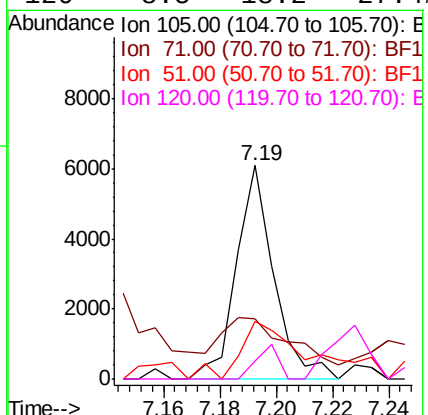
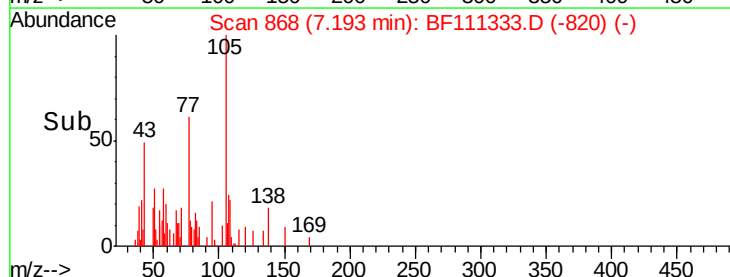
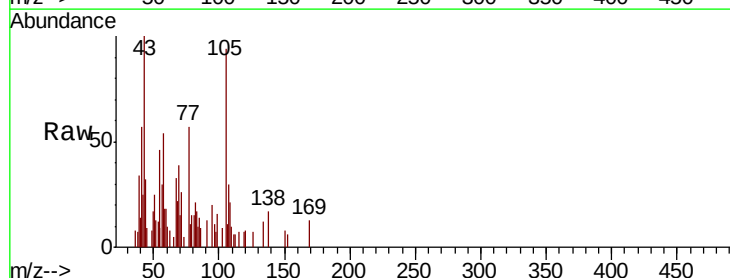
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

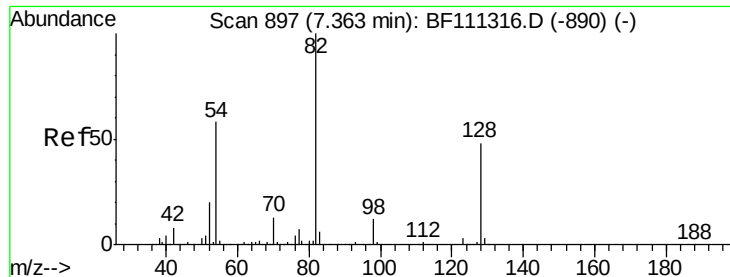
Tgt Ion:	136	Resp:	1119093
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.3	7.7	11.5
68	5.5	4.9	7.3



#22
Acetophenone
Concen: 0.218 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:	105	Resp:	5655
Ion	Ratio	Lower	Upper
105	100		
71	27.9	3.1	4.7#
51	26.9	36.6	54.8#
120	8.5	18.2	27.4#

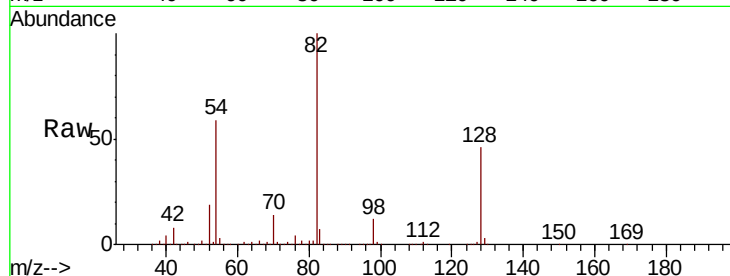




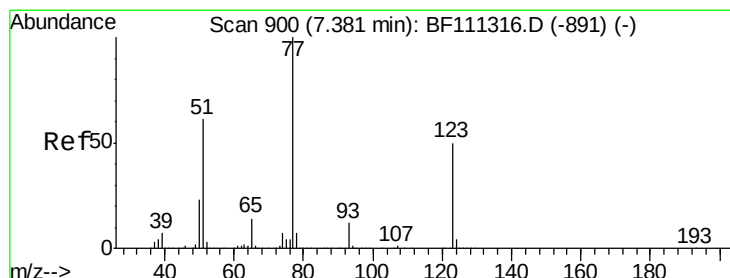
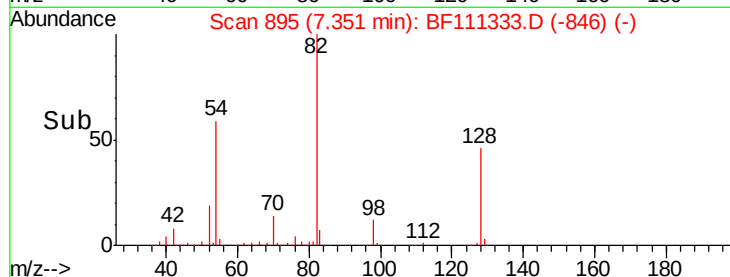
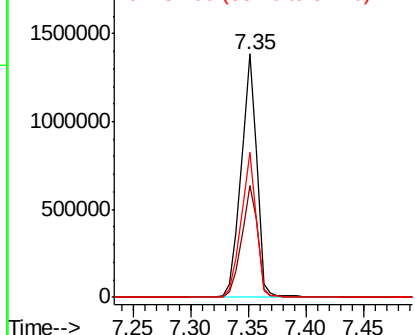
#23
Nitrobenzene-d5
Concen: 66.212 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion: 82 Resp: 1314645
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.2
54 59.4 47.6 71.4

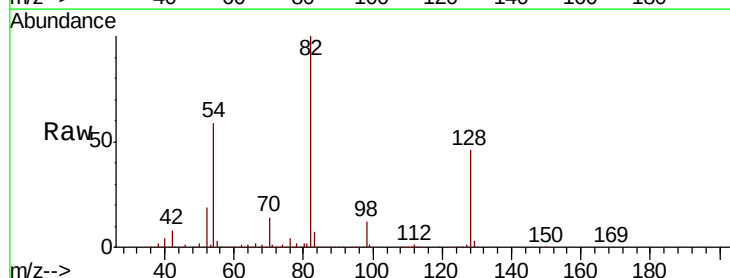


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

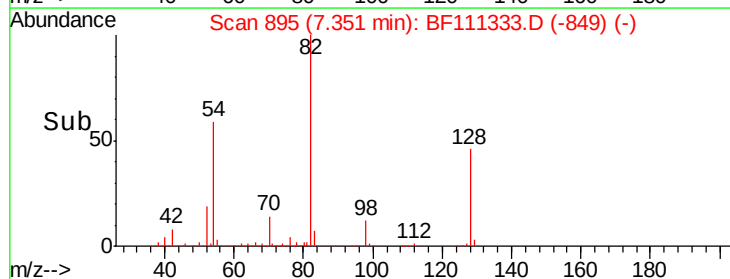
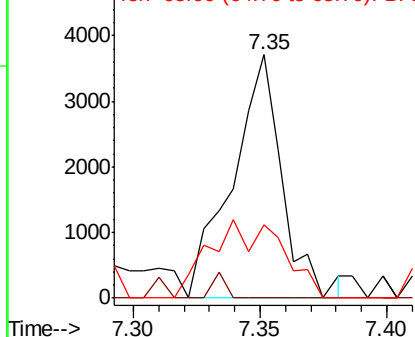


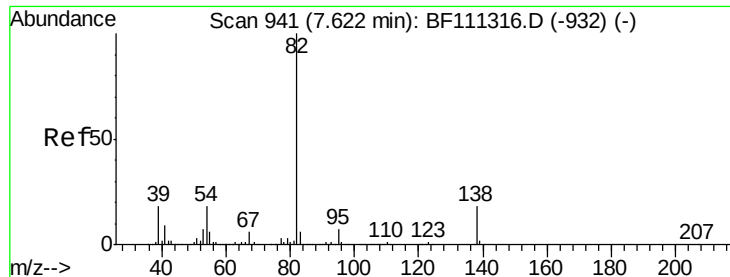
#24
Nitrobenzene
Concen: 0.249 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion: 77 Resp: 5096
Ion Ratio Lower Upper
77 100
123 0.0 37.2 55.8#
65 29.9 11.5 17.3#



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





#25

Isophorone

Concen: 38.347 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

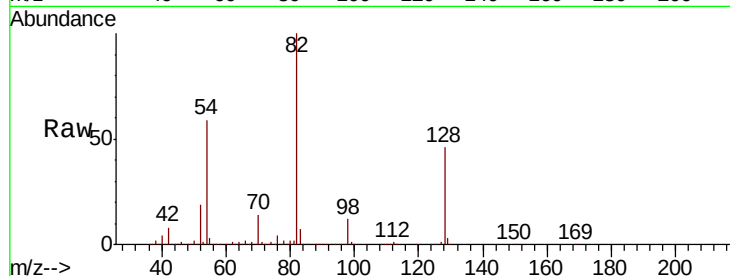
Tgt Ion: 82 Resp: 1293302

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

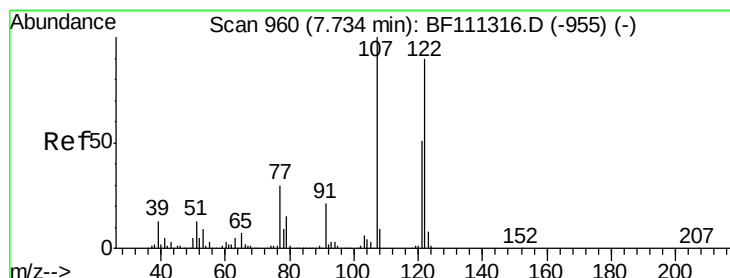
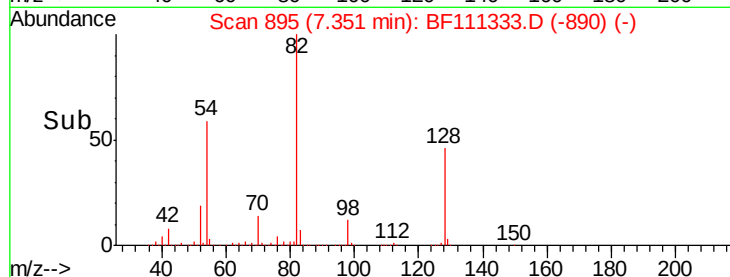
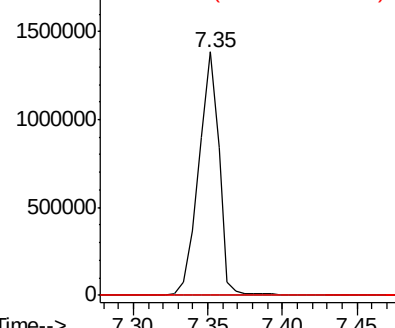
138 0.0 15.1 22.7#



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): E



#27

2,4-Dimethylphenol

Concen: 0.041 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.19 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

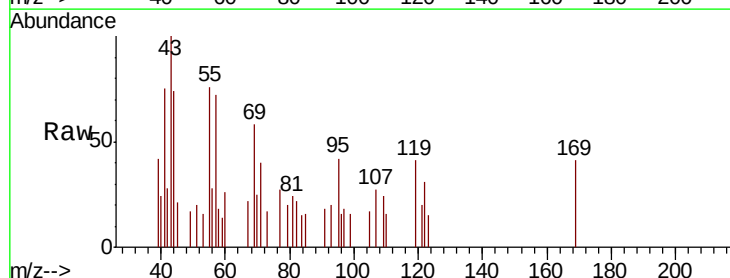
Tgt Ion: 122 Resp: 625

Ion Ratio Lower Upper

122 100

107 87.0 85.5 128.3

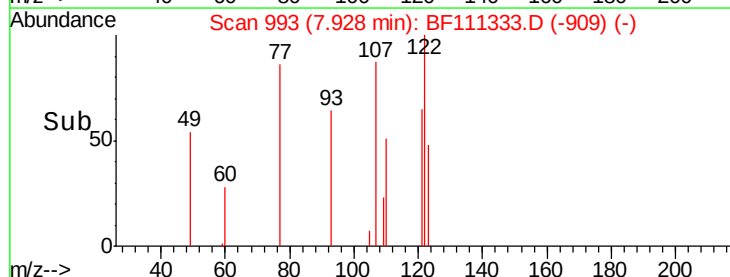
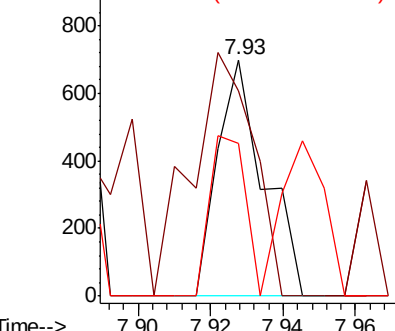
121 64.7 46.6 70.0

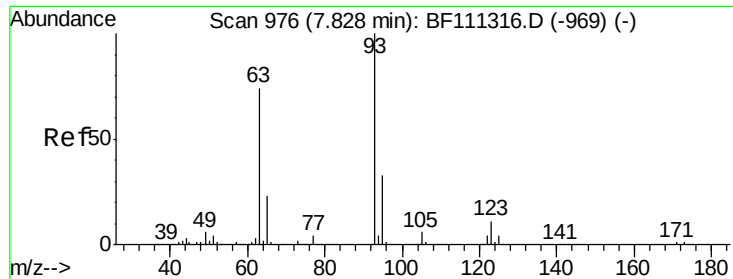


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

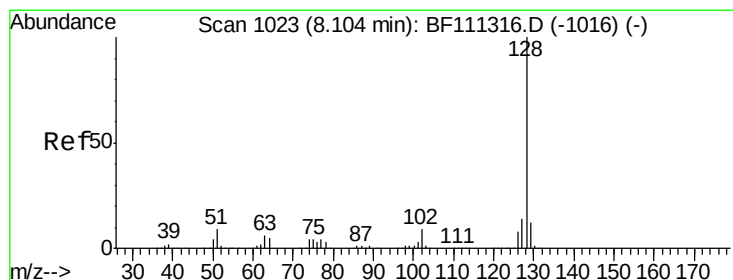
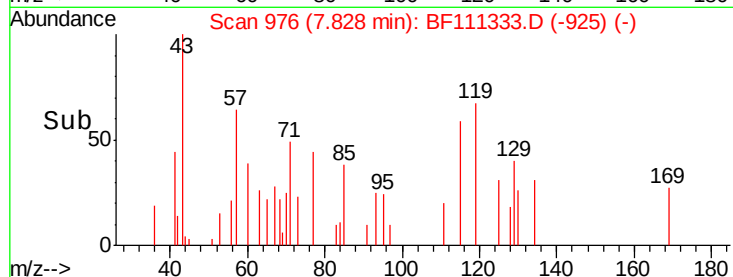
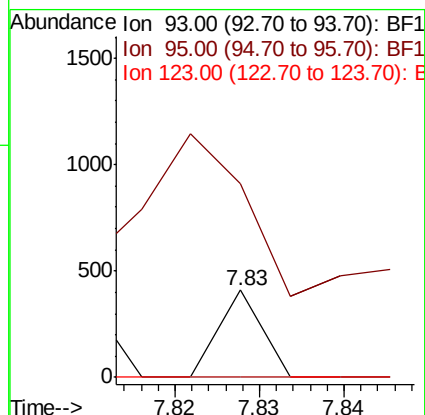
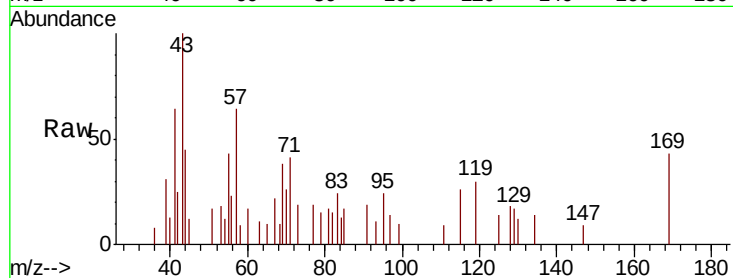




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

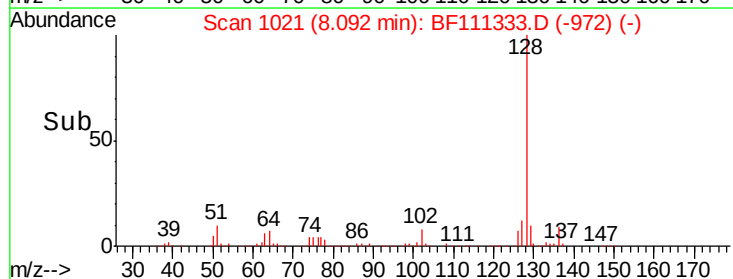
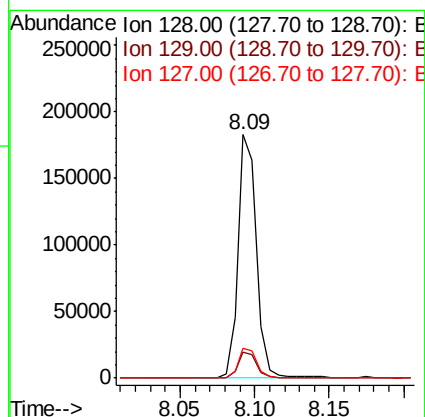
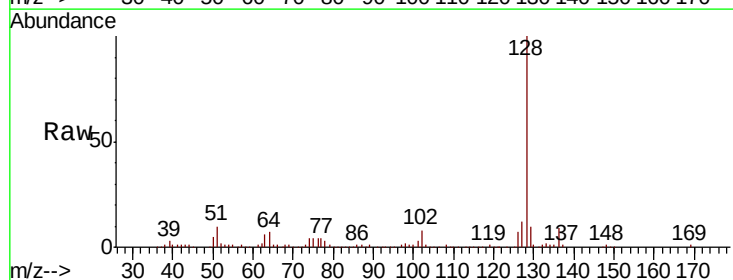
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

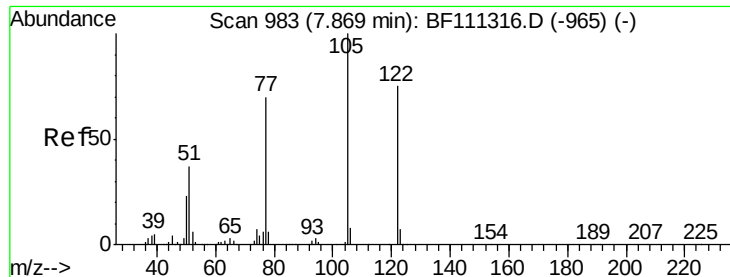
Tgt Ion: 93 Resp: 145
Ion Ratio Lower Upper
93 100
95 222.0 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 3.051 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion: 128 Resp: 159064
Ion Ratio Lower Upper
128 100
129 10.5 9.8 14.8
127 12.4 12.0 18.0

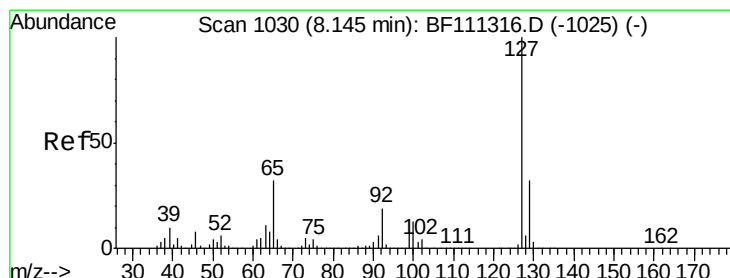
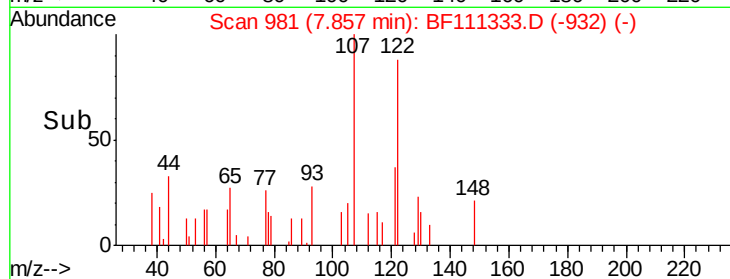
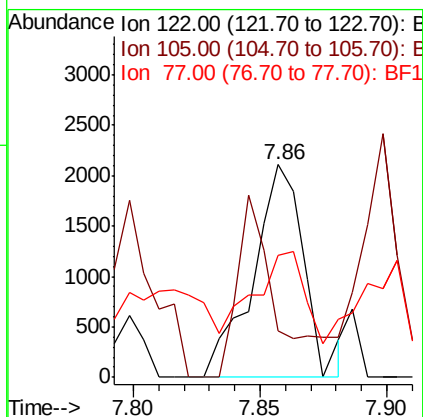
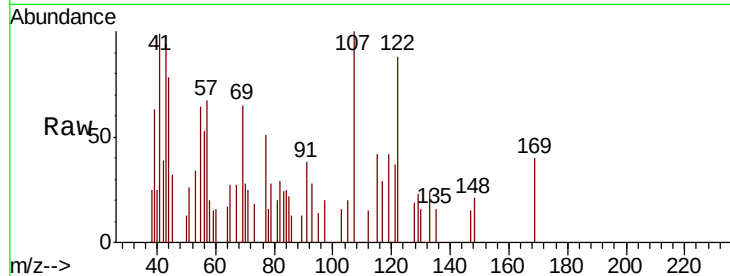




#32
Benzoic acid
Concen: 0.235 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

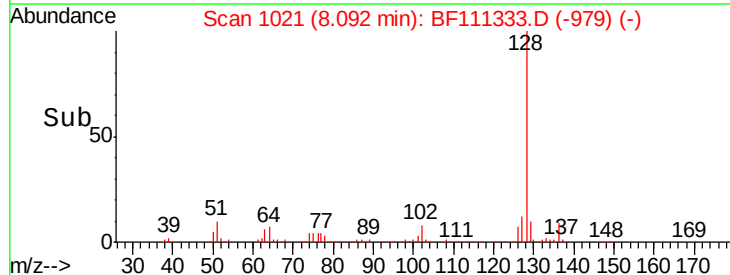
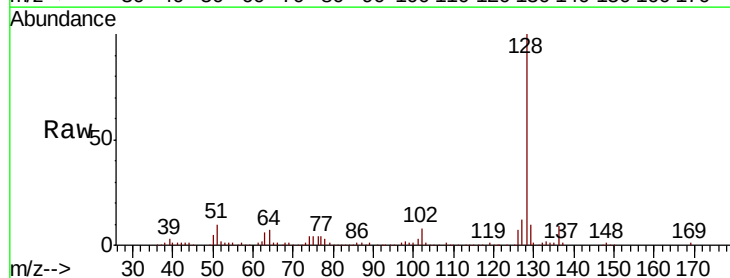
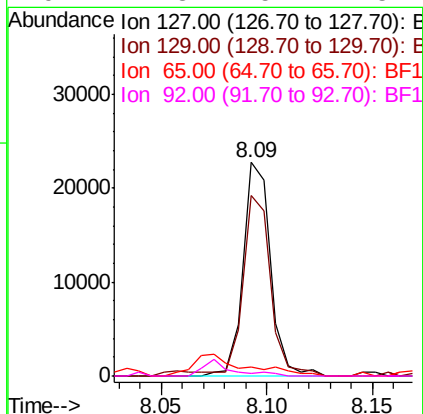
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

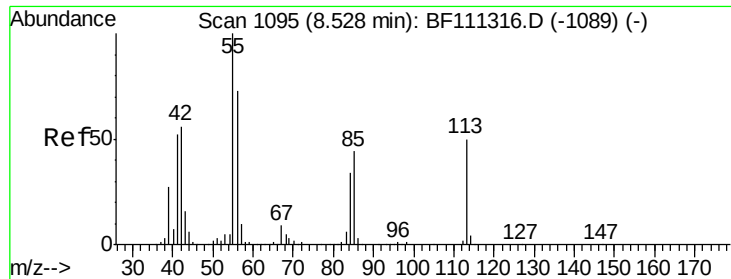
Tgt Ion:122 Resp: 2981
Ion Ratio Lower Upper
122 100
105 22.1 97.0 137.0#
77 57.4 65.7 105.7#



#33
4-Chloroaniline
Concen: 0.913 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:127 Resp: 20333
Ion Ratio Lower Upper
127 100
129 84.2 26.6 39.8#
65 4.3 25.7 38.5#
92 1.3 15.4 23.2#

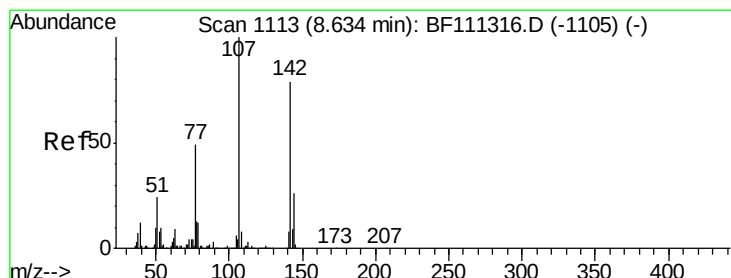
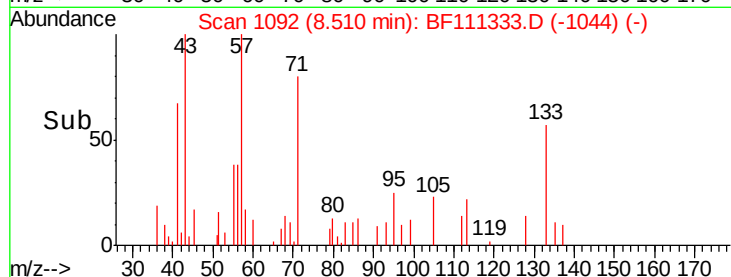
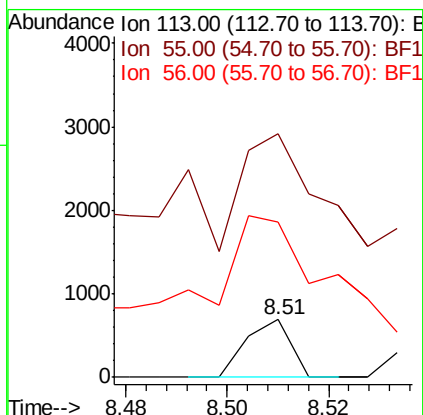
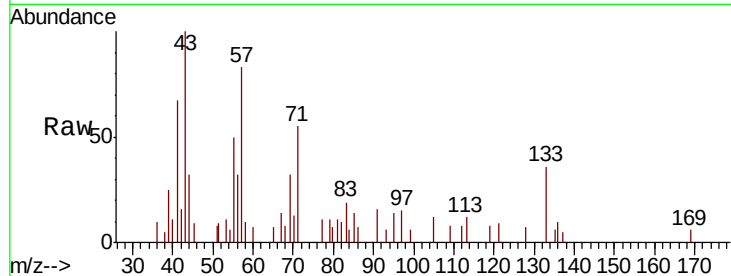




#35
 Caprolactam
 Concen: 0.074 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

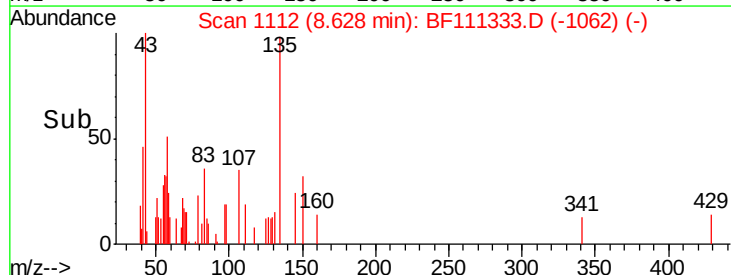
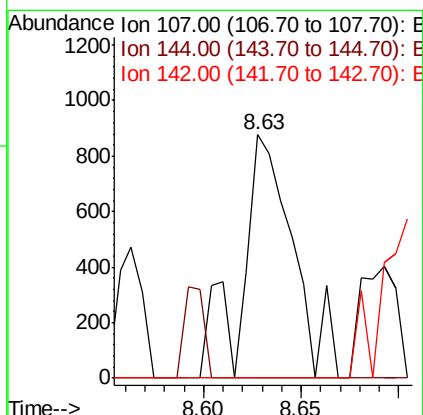
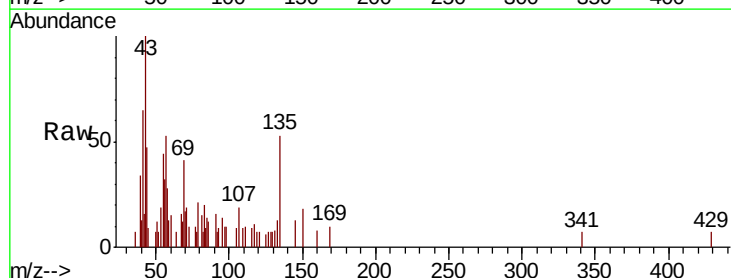
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

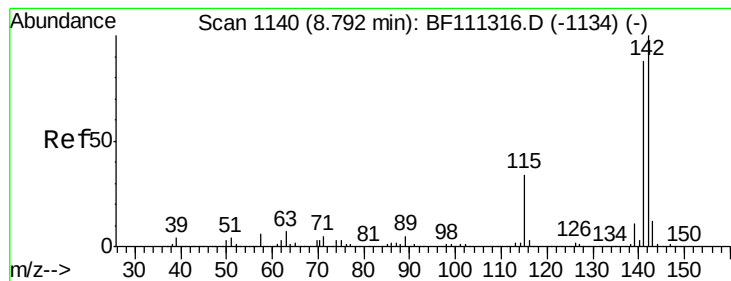
Tgt Ion:113 Resp: 415
 Ion Ratio Lower Upper
 113 100
 55 423.8 184.1 224.1#
 56 269.9 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 0.095 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion:107 Resp: 1612
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#





#37

2-Methylnaphthalene

Concen: 1.581 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

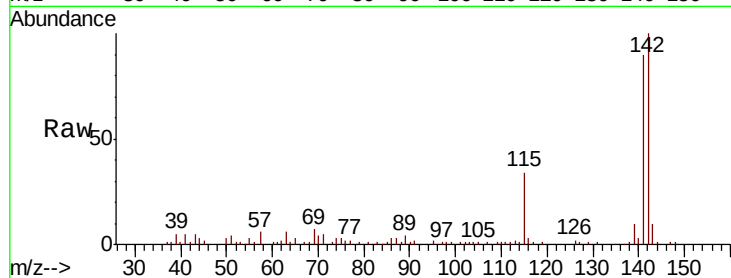
Tgt Ion:142 Resp: 53276

Ion Ratio Lower Upper

142 100

141 89.6 70.6 105.8

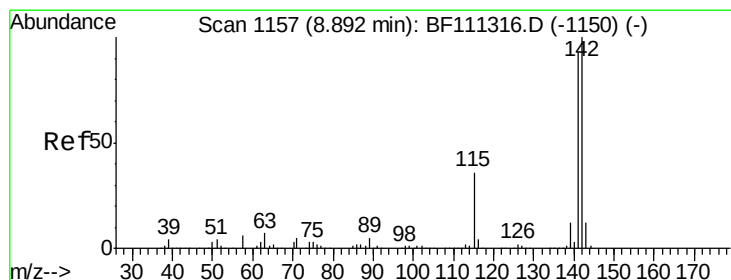
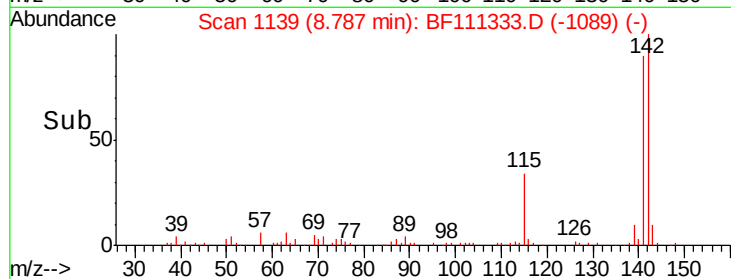
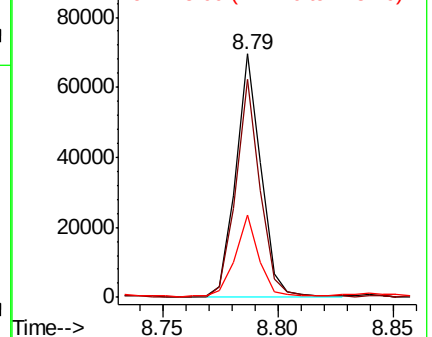
115 33.6 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 1.321 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

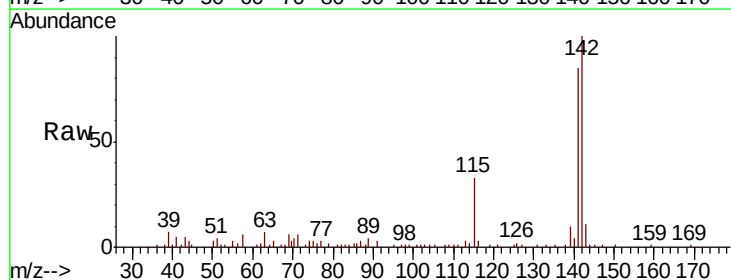
Tgt Ion:142 Resp: 42979

Ion Ratio Lower Upper

142 100

141 84.7 74.2 111.4

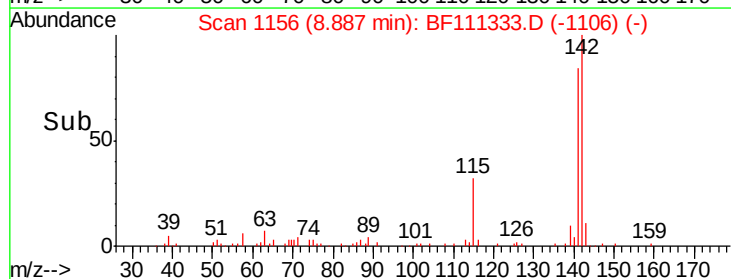
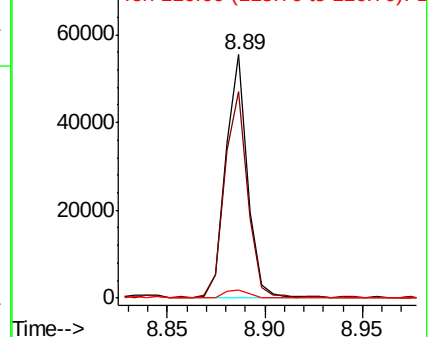
116 3.5 2.9 4.3

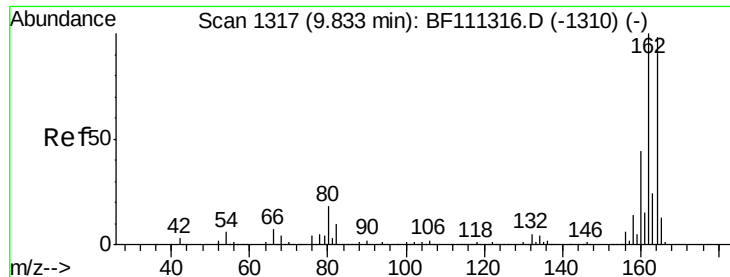


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

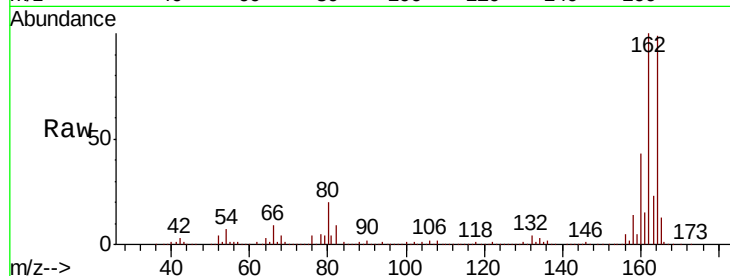




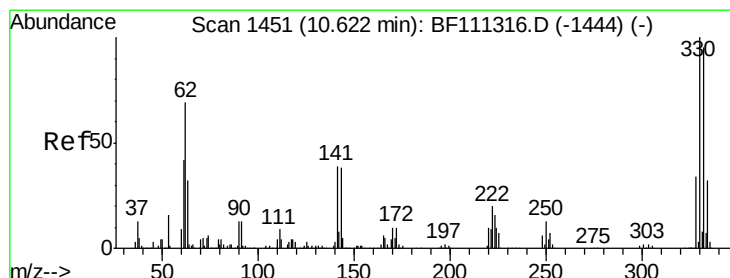
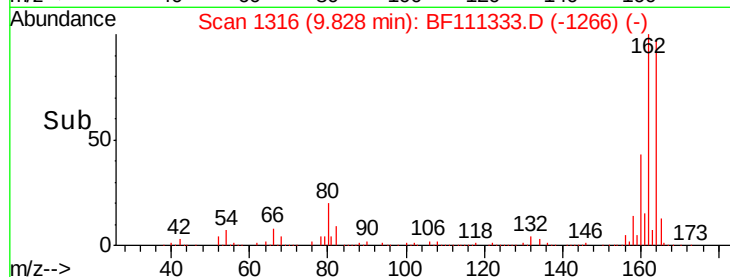
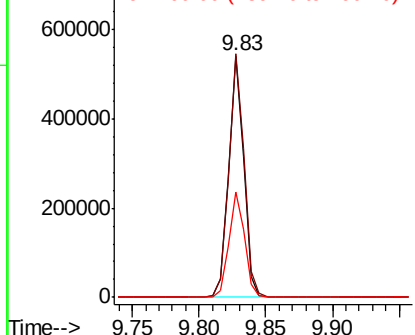
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion:164 Resp: 433614
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.8 35.7 53.5

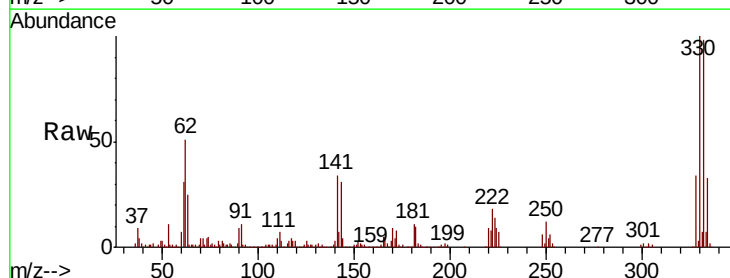


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

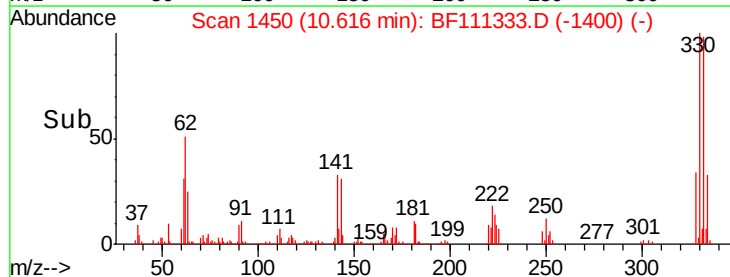
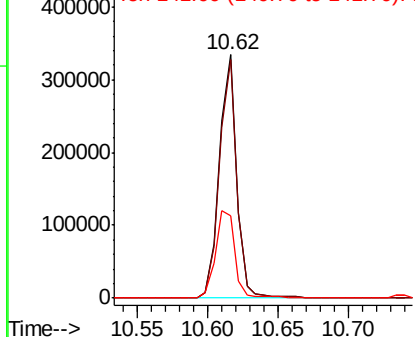


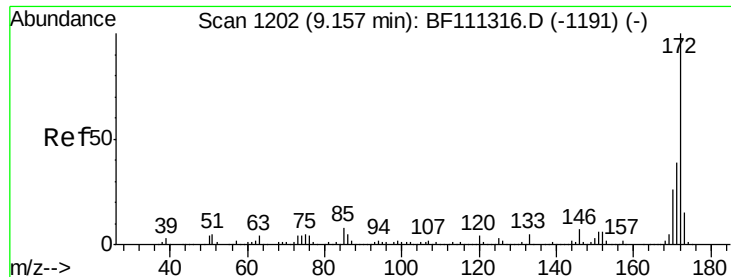
#42
2,4,6-Tribromophenol
Concen: 75.054 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:330 Resp: 286884
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 39.6 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



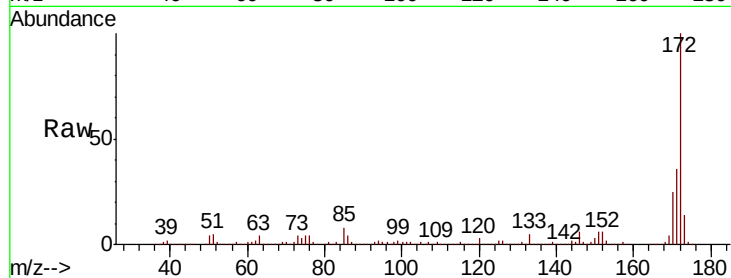


#45
 2-Fluorobiphenyl
 Concen: 70.119 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

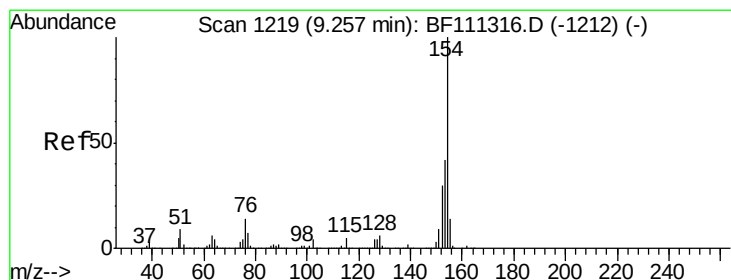
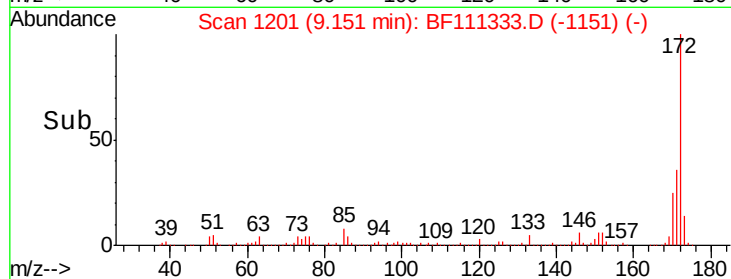
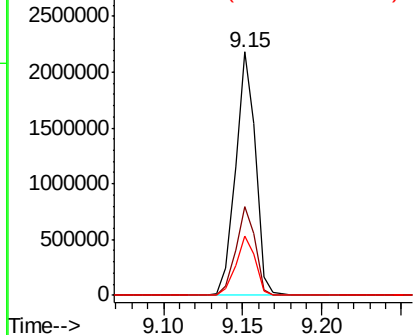
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:172 Resp: 1893801

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.5	22.3	33.5



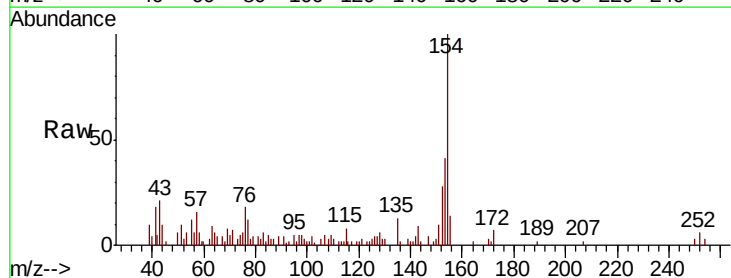
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



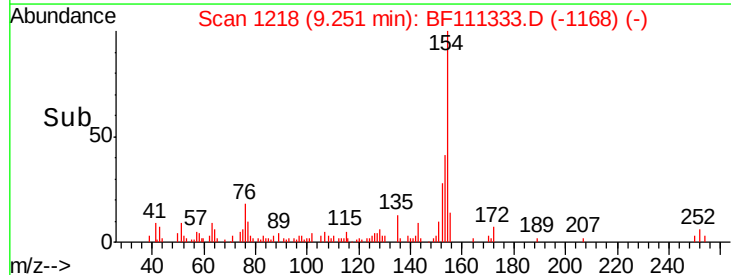
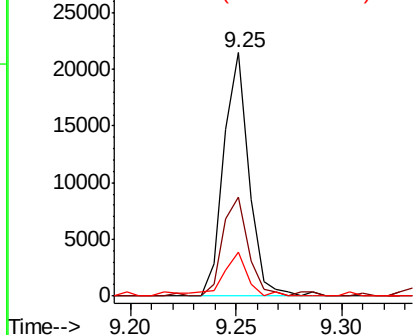
#46
 1,1'-Biphenyl
 Concen: 0.478 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

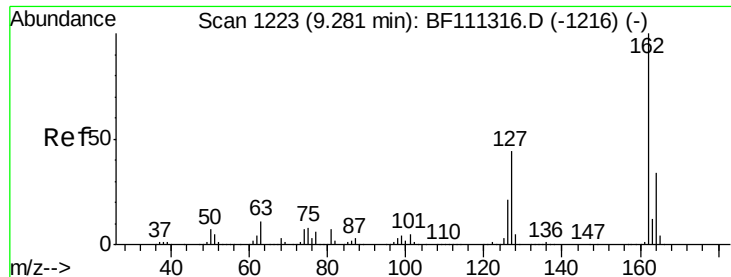
Tgt Ion:154 Resp: 17694

Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.7	63.7
76	17.8	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

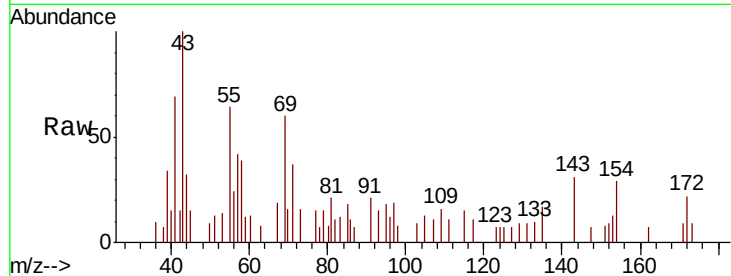




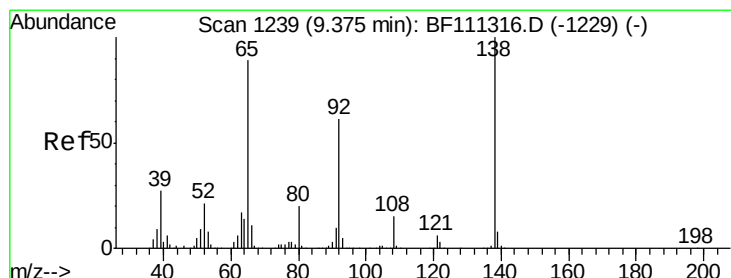
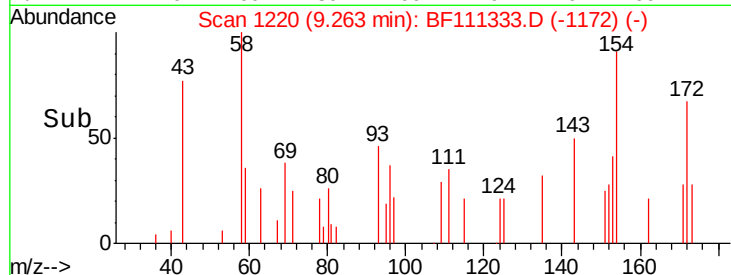
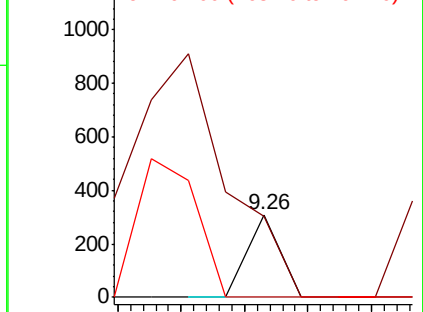
#47
2-Chloronaphthalene
Concen: 0.004 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion: 162 Resp: 109
Ion Ratio Lower Upper
162 100
127 98.1 35.0 52.4#
164 0.0 28.4 42.6#

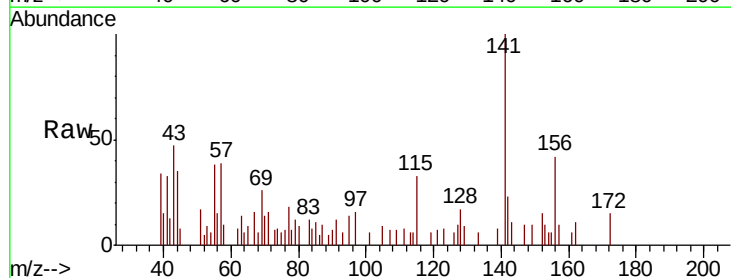


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

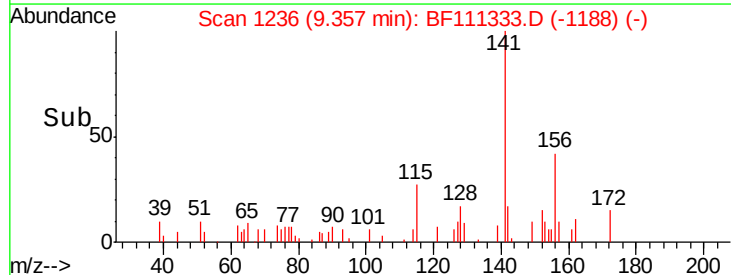
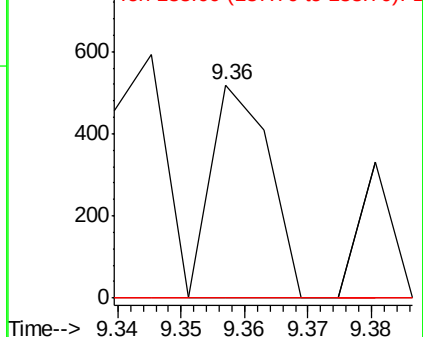


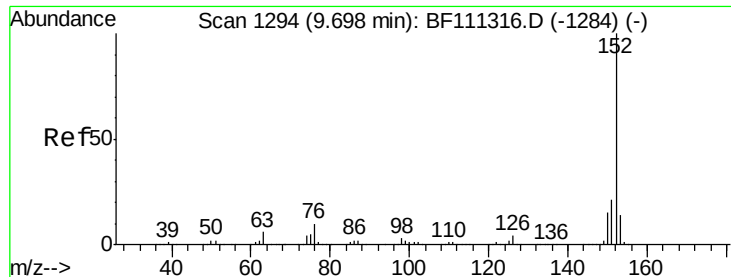
#48
2-Nitroaniline
Concen: 0.036 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion: 65 Resp: 327
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

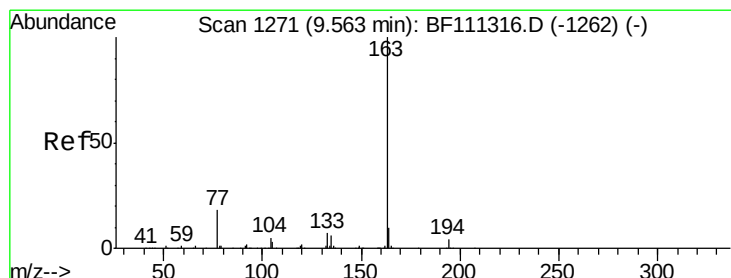
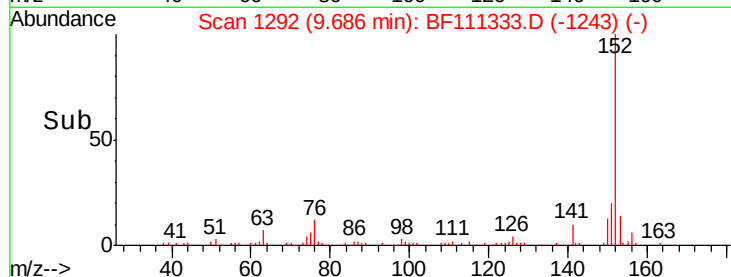
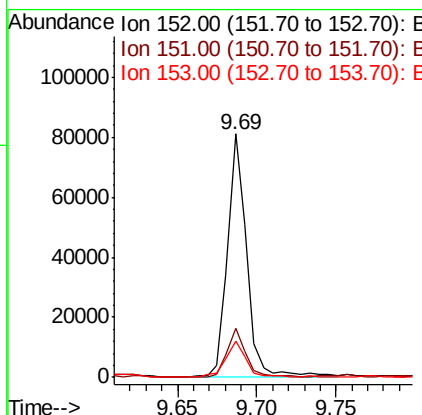
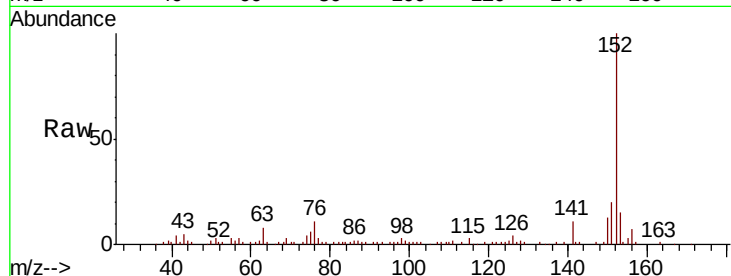




#49
Acenaphthylene
Concen: 1.661 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

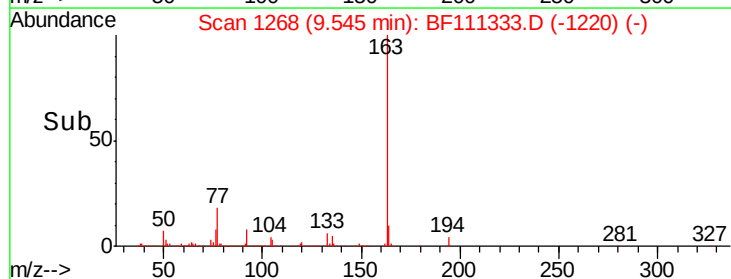
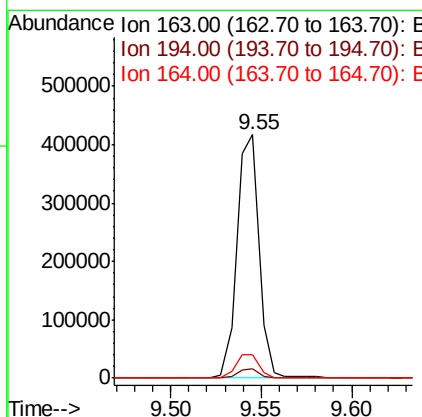
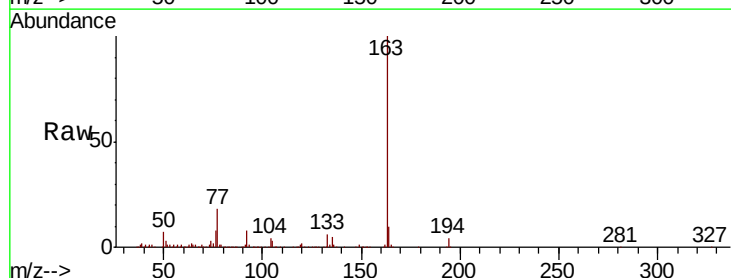
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

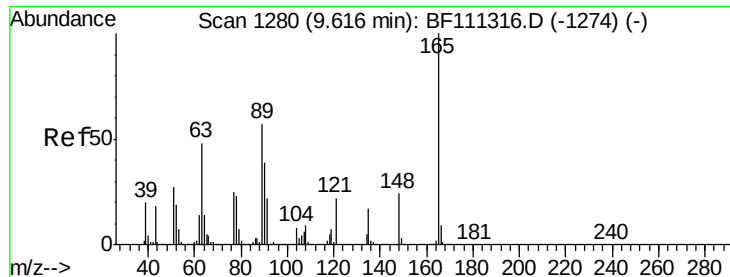
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	18.0	27.0
153	14.9	12.3	18.5



#50
Dimethylphthalate
Concen: 11.372 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.7	8.9	13.3

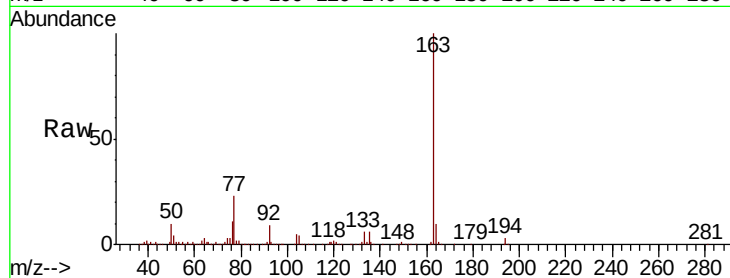




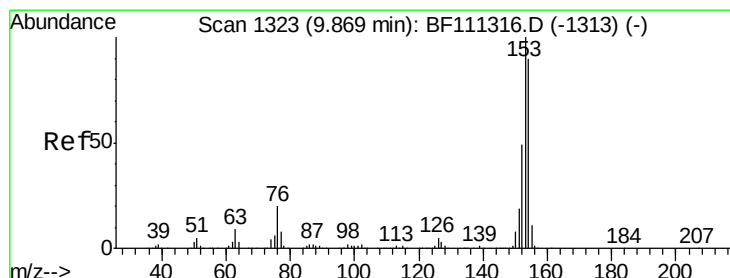
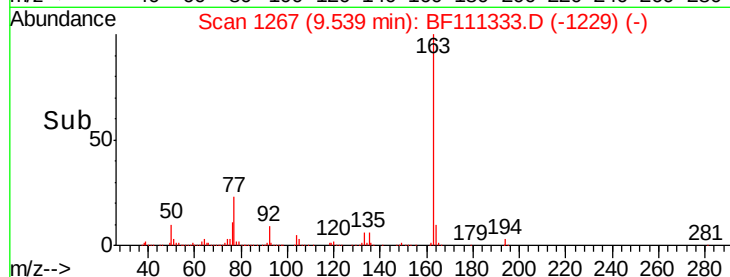
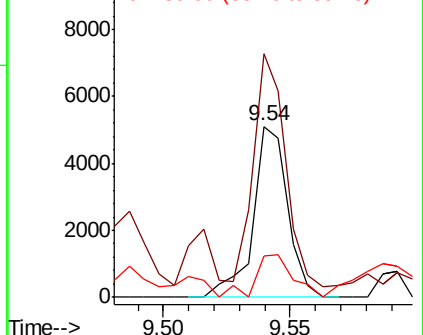
#51
 2,6-Dinitrotoluene
 Concen: 0.704 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.08 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:165 Resp: 4868
 Ion Ratio Lower Upper
 165 100
 63 142.4 40.5 60.7#
 89 24.1 40.0 60.0#

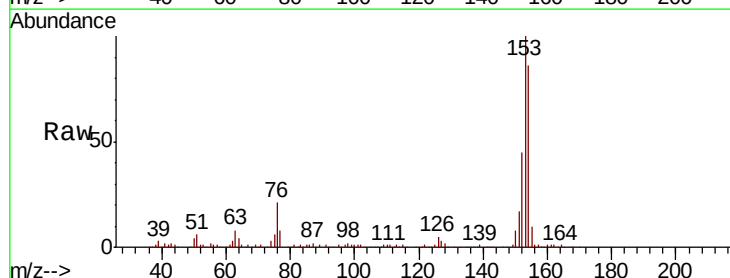


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

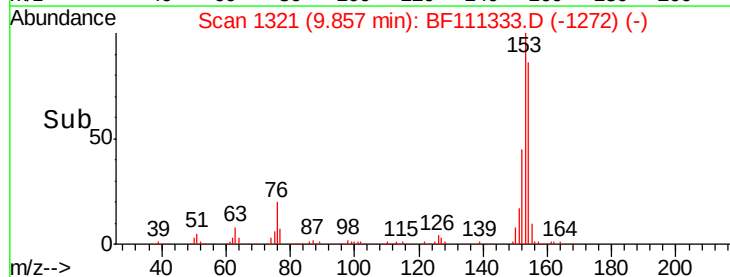
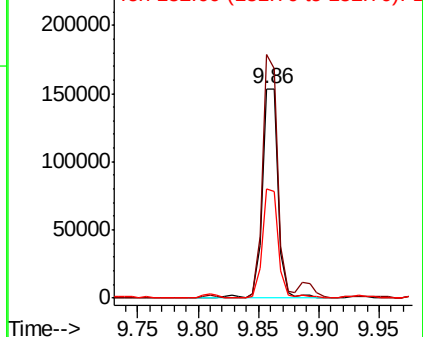


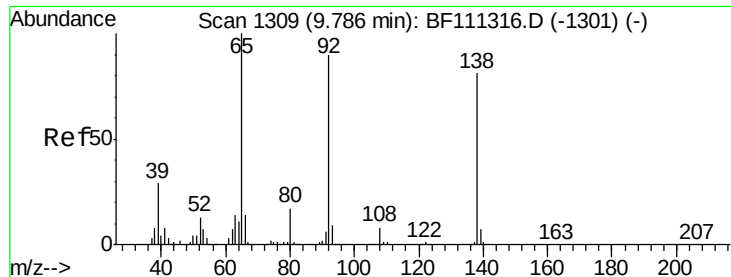
#52
 Acenaphthene
 Concen: 5.414 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion:154 Resp: 141367
 Ion Ratio Lower Upper
 154 100
 153 116.2 87.8 131.8
 152 52.3 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

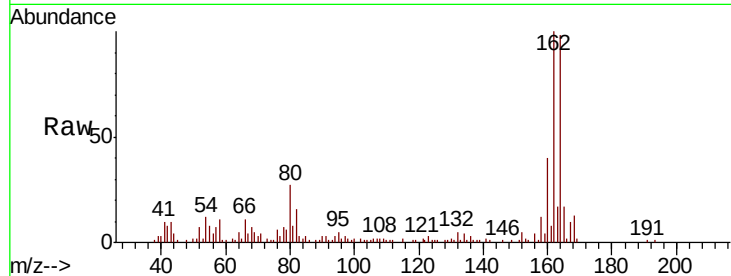




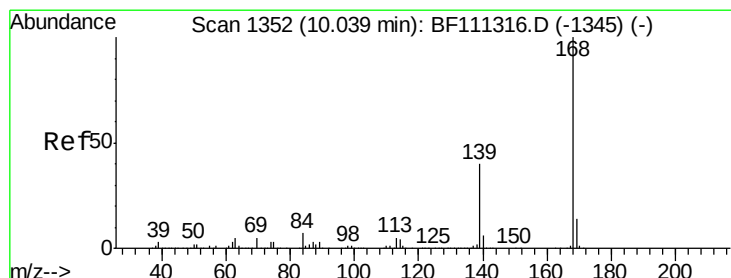
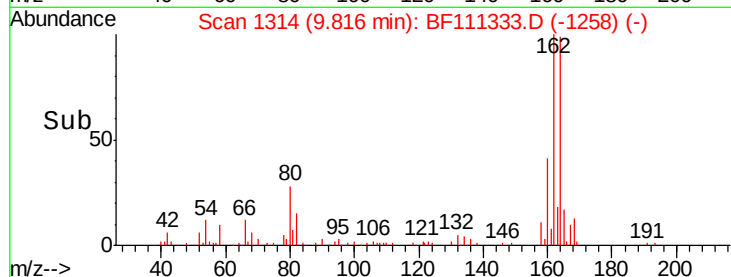
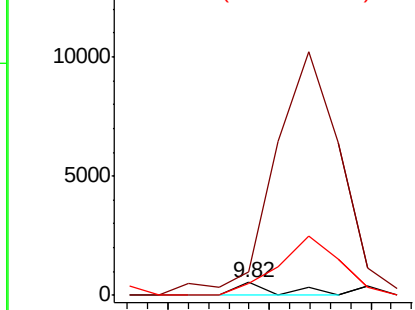
#53
3-Nitroaniline
Concen: 0.038 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion:138 Resp: 319
Ion Ratio Lower Upper
138 100
108 176.6 8.2 12.4#
92 92.0 93.4 140.2#

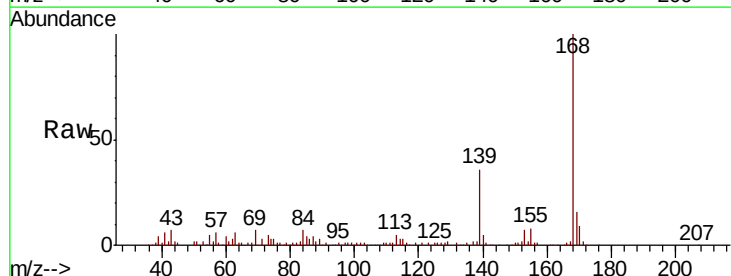


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

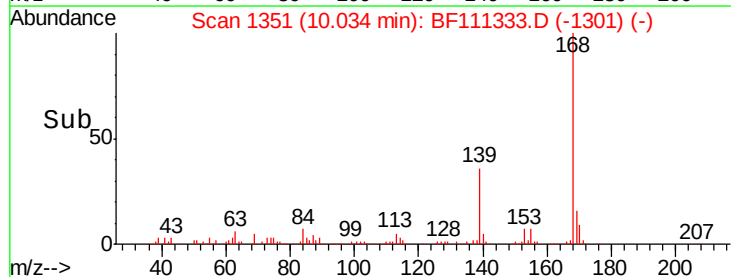
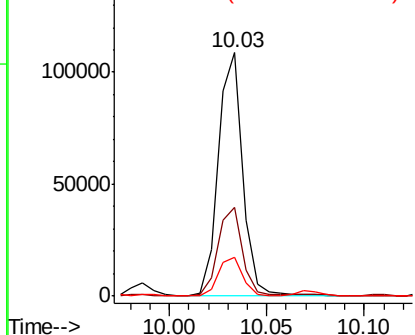


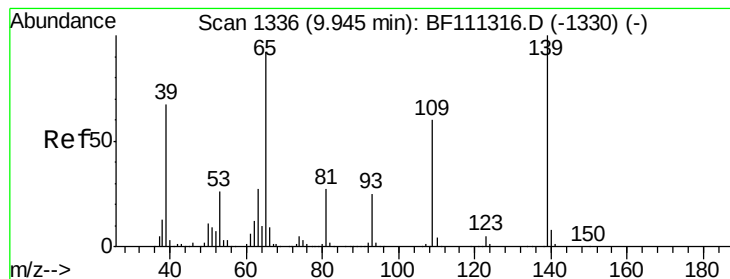
#55
Dibenzofuran
Concen: 2.499 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:168 Resp: 94207
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 15.8 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: 0.307 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

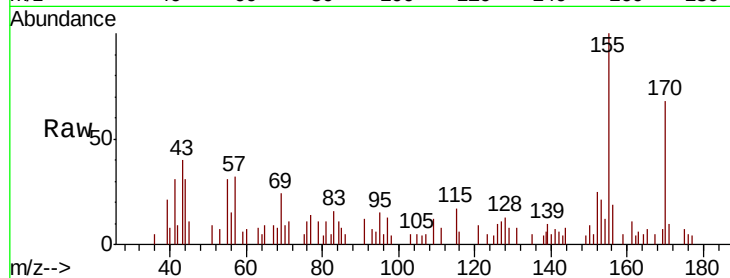
Tgt Ion:139 Resp: 1834

Ion Ratio Lower Upper

139 100

109 75.0 41.8 81.8

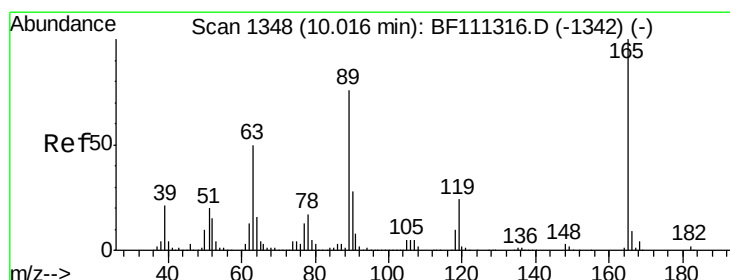
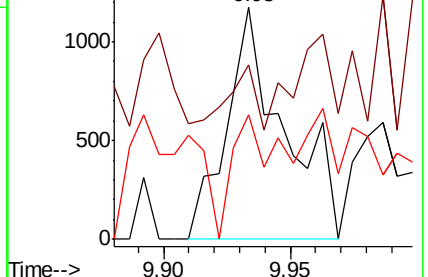
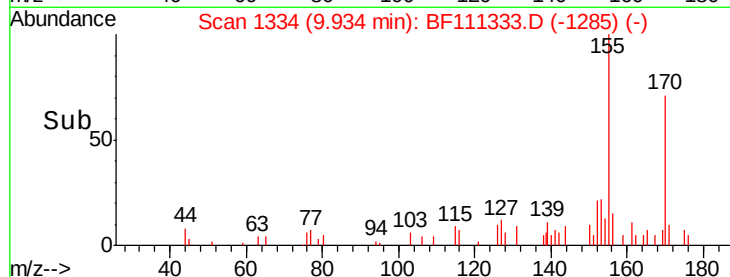
65 53.4 79.6 119.6#



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: 0.303 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.03 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Tgt Ion:165 Resp: 2683

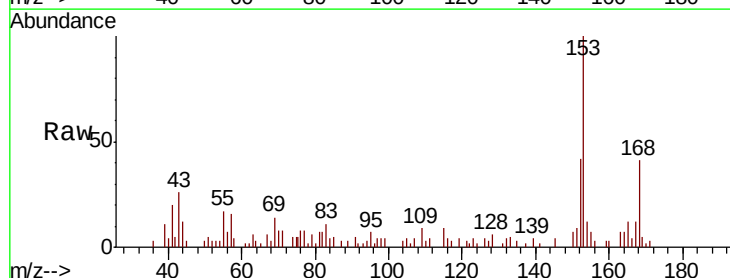
Ion Ratio Lower Upper

165 100

63 47.9 34.6 52.0

89 21.0 56.2 84.4#

182 0.0 1.8 2.6#

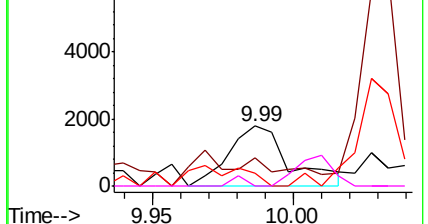
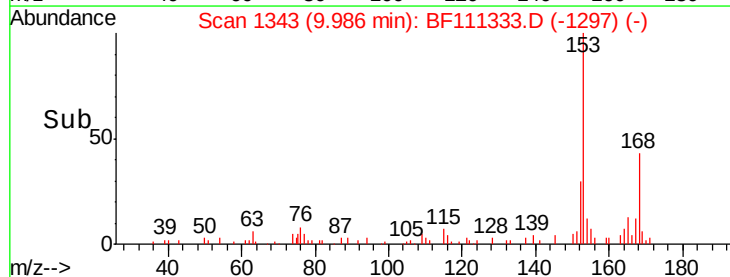


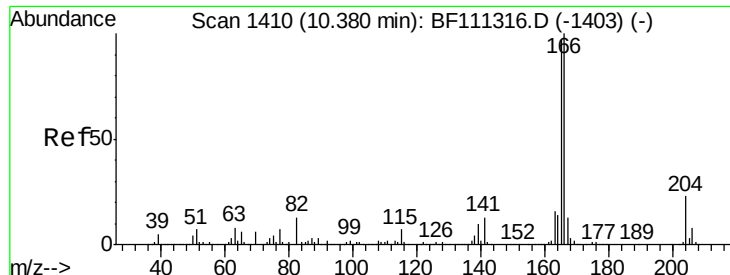
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 4.911 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

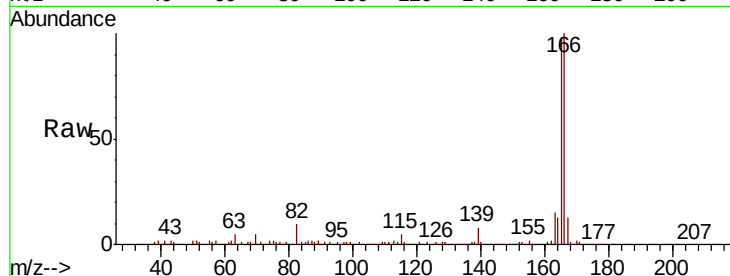
Tgt Ion:166 Resp: 132410

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

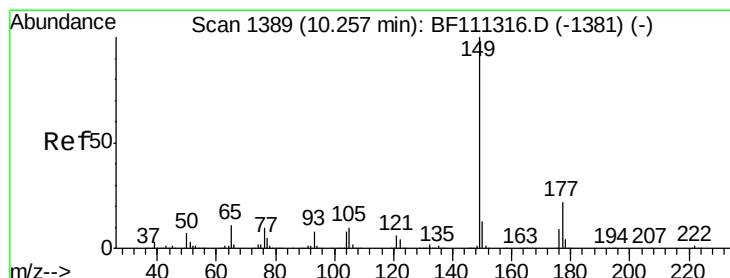
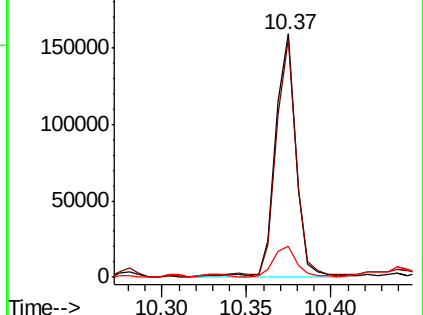
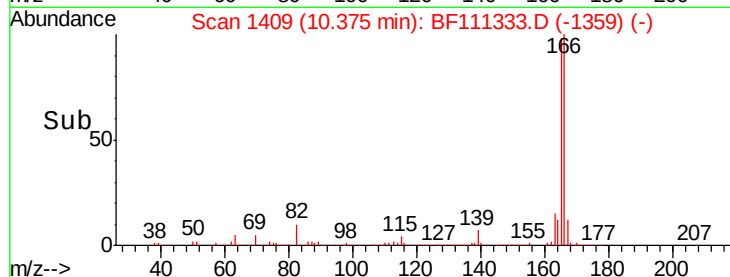
167 12.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.380 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

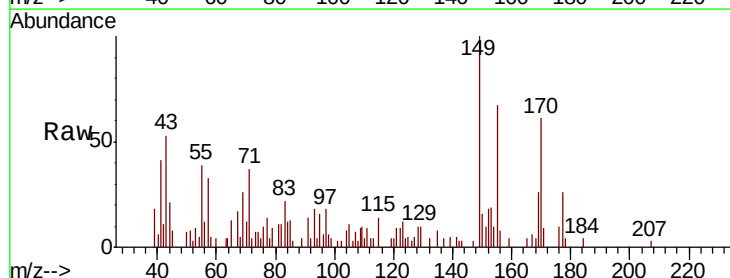
Tgt Ion:149 Resp: 11944

Ion Ratio Lower Upper

149 100

177 25.9 18.3 27.5

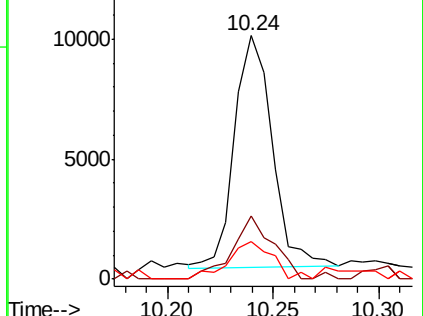
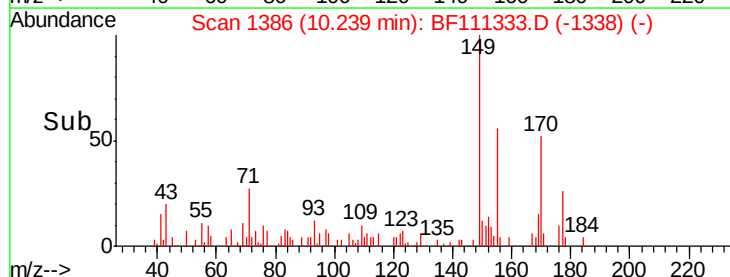
150 15.5 10.6 15.8

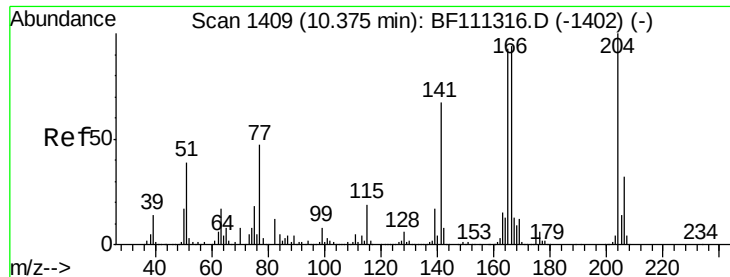


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

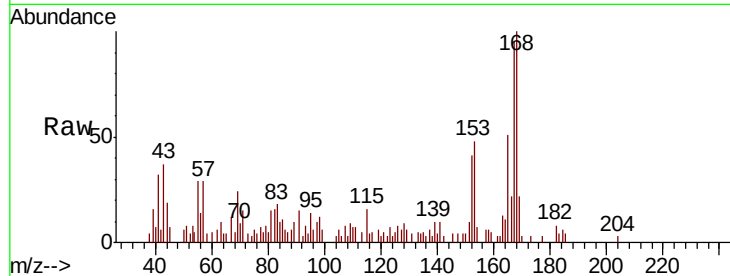




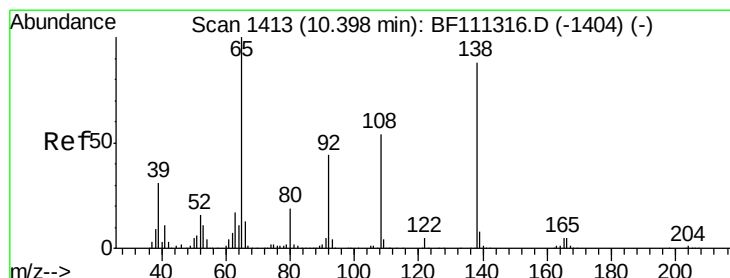
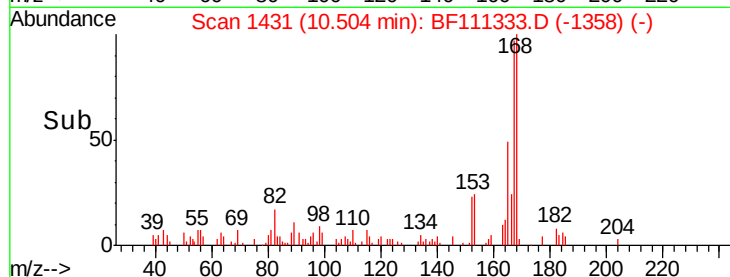
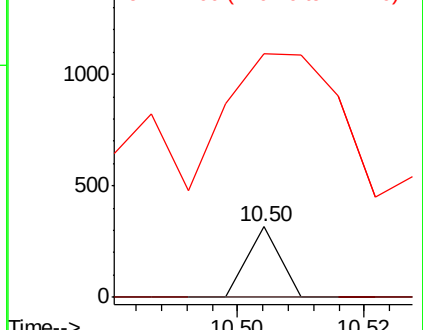
#61
4-Chlorophenyl-phenylether
Concen: 0.008 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.13 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampled :
SB-4(0-2)

Tgt Ion: 204 Resp: 112
Ion Ratio Lower Upper
204 100
206 0.0 26.6 39.8#
141 345.9 52.6 78.8#

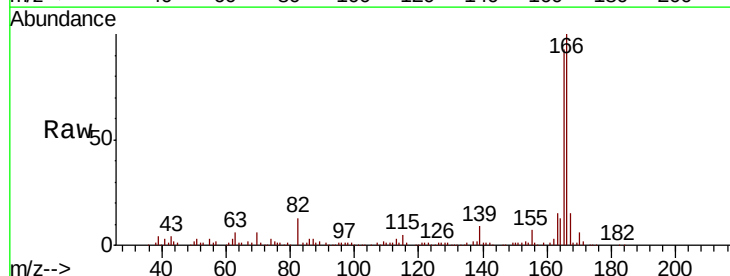


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

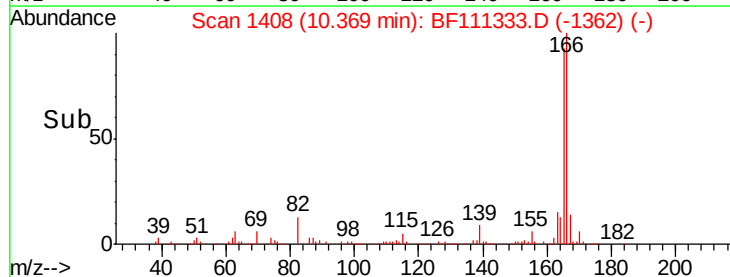
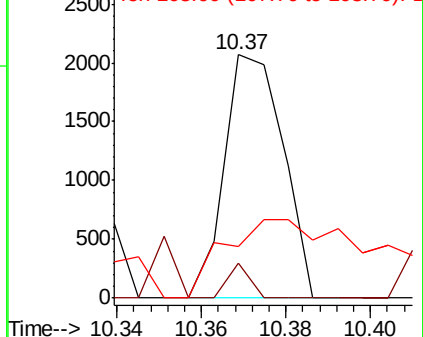


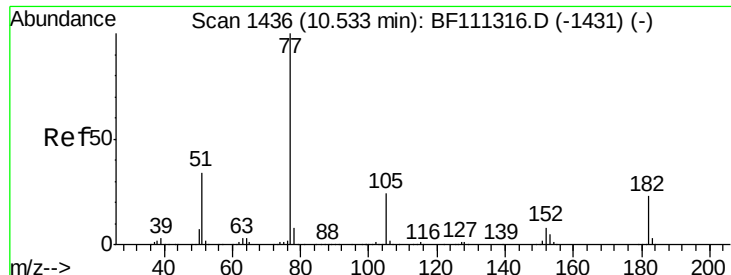
#62
4-Nitroaniline
Concen: 0.250 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.03 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion: 138 Resp: 2000
Ion Ratio Lower Upper
138 100
92 14.5 29.9 69.9#
108 21.4 43.2 83.2#



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





#63

Azobenzene

Concen: 0.083 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

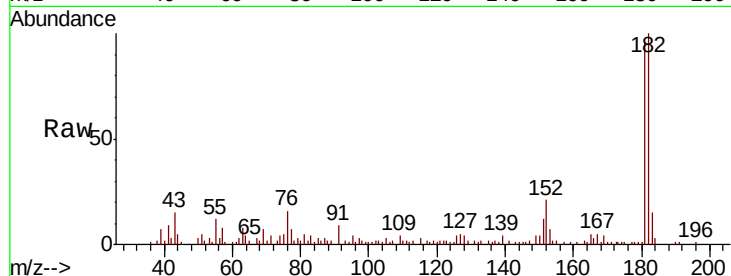
ClientSampleId :

SB-4(0-2)

Tgt Ion: 77 Resp: 2626

Ion Ratio Lower Upper

77	100		
182	1335.0	4.9	44.9#
105	38.2	6.0	46.0
51	73.3	14.7	54.7#

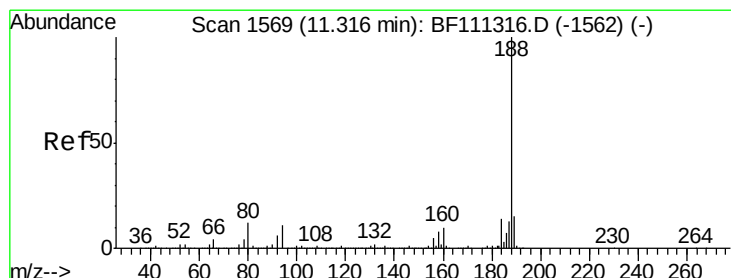
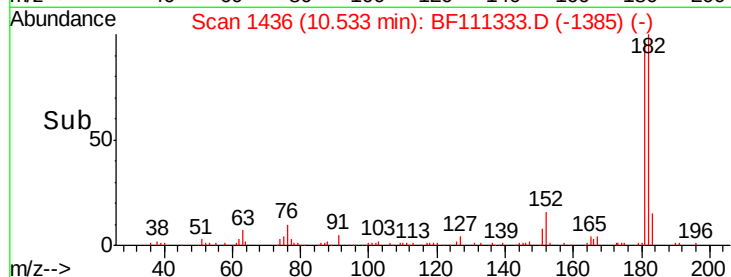
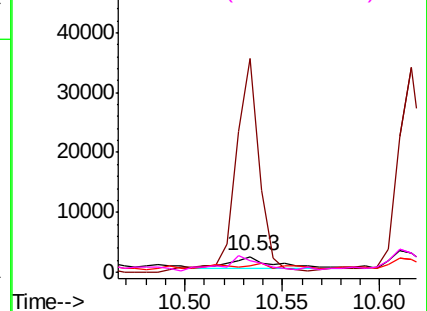


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

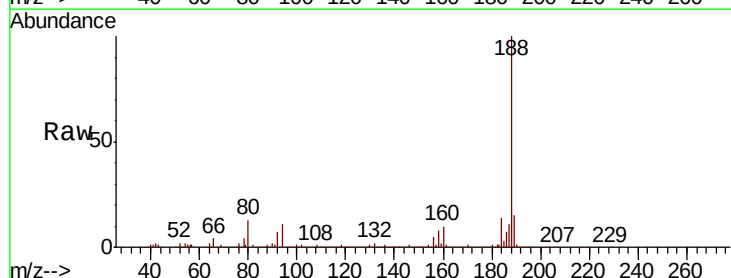
Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Tgt Ion: 188 Resp: 645613

Ion Ratio Lower Upper

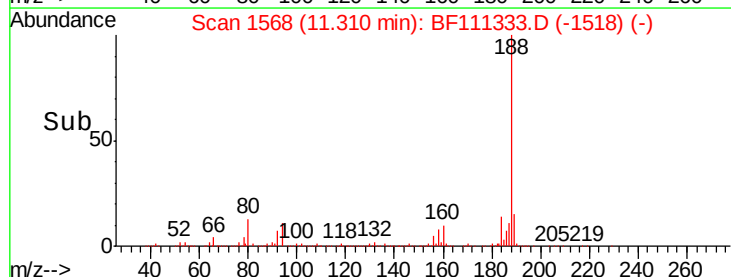
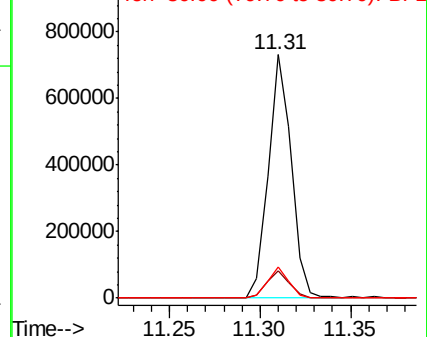
188	100		
94	11.2	9.6	14.4
80	12.6	9.8	14.6

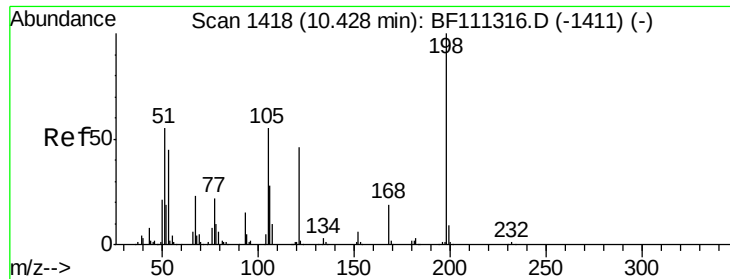


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

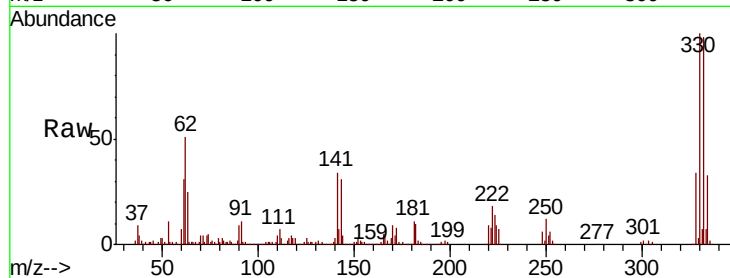




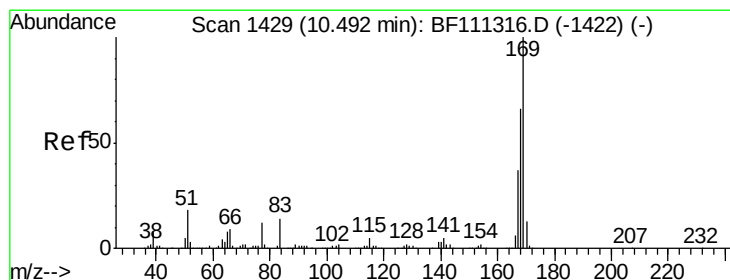
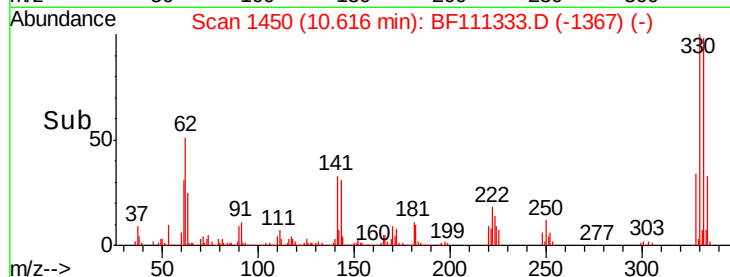
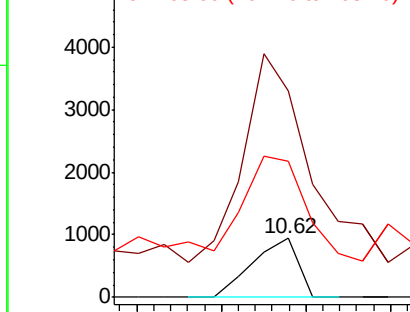
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.189 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.19 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:198 Resp: 701
 Ion Ratio Lower Upper
 198 100
 51 352.2 48.0 88.0#
 105 231.8 34.0 74.0#

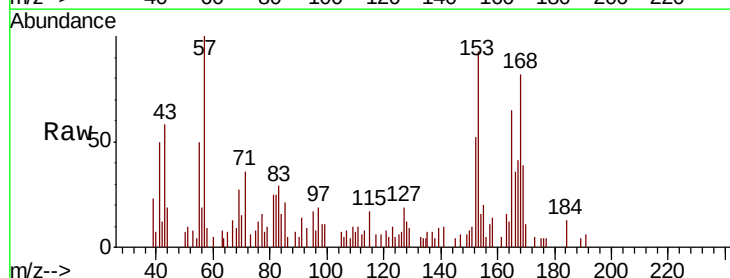


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

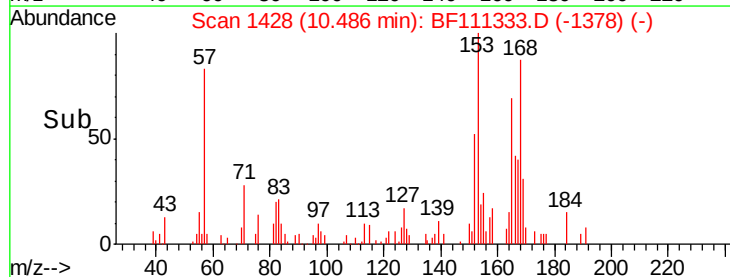
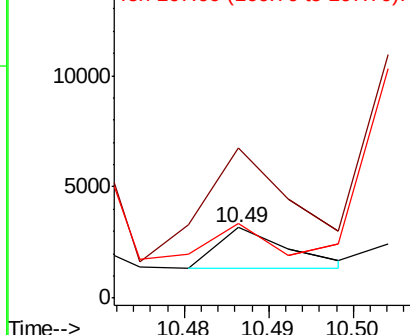


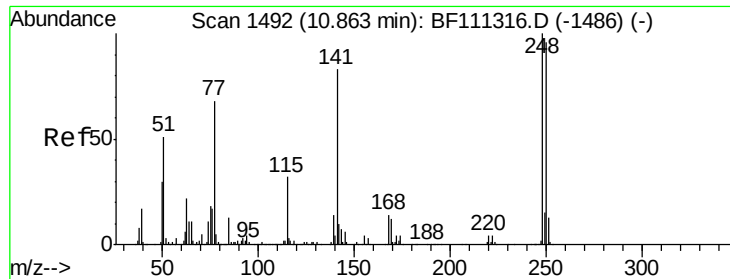
#66
 n-Nitrosodiphenylamine
 Concen: 0.047 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion:169 Resp: 1068
 Ion Ratio Lower Upper
 169 100
 168 211.9 54.4 81.6#
 167 105.2 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

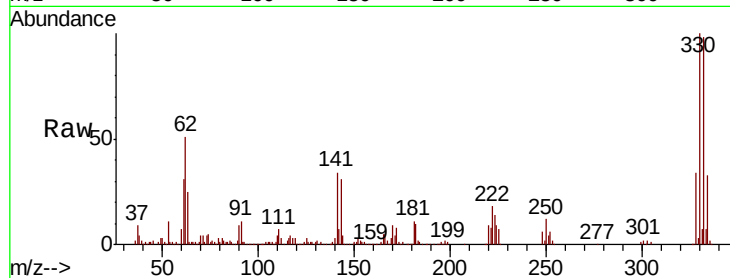




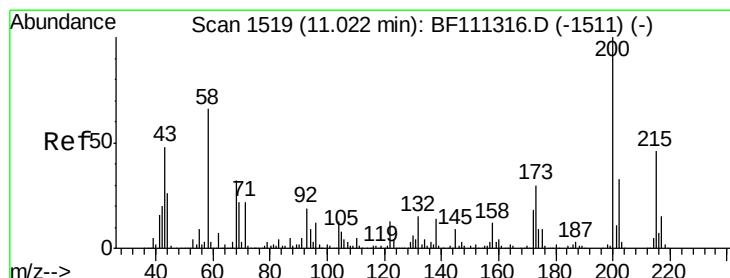
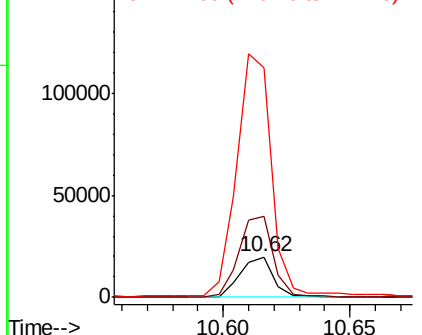
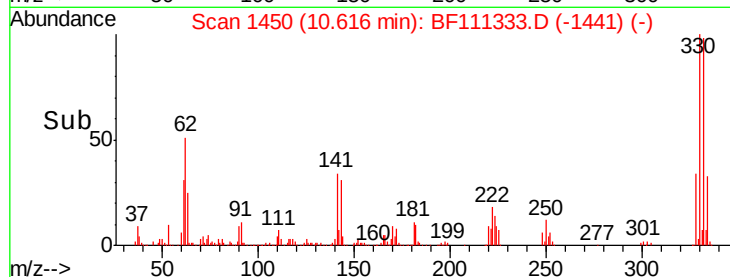
#67
4-Bromophenyl-phenylether
Concen: 2.514 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion:248 Resp: 18070
Ion Ratio Lower Upper
248 100
250 198.5 77.0 115.4#
141 566.3 63.0 94.6#

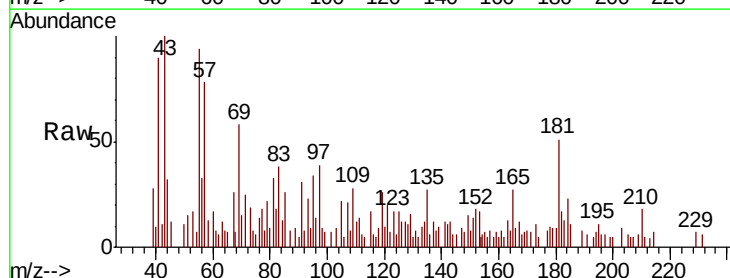


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

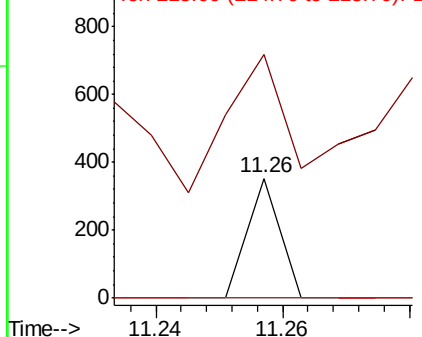
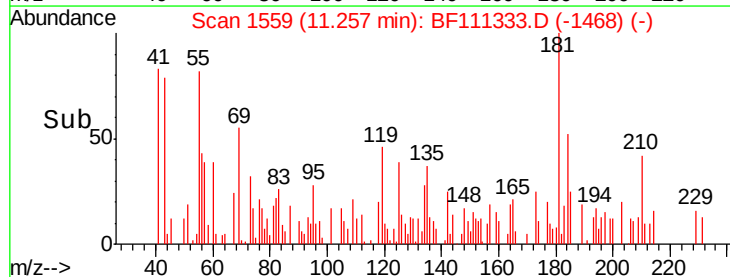


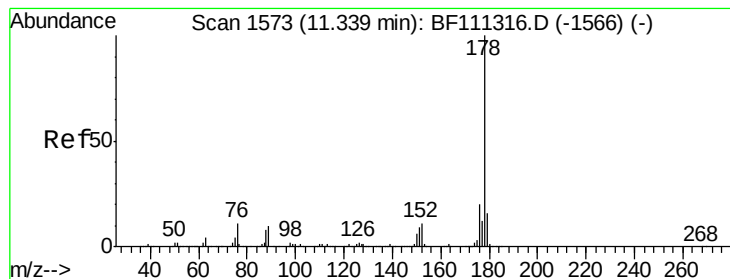
#69
Atrazine
Concen: 0.019 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.24 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:200 Resp: 125
Ion Ratio Lower Upper
200 100
173 203.4 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: 35.355 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

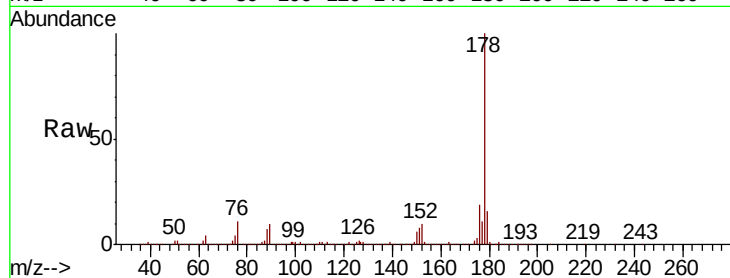
Tgt Ion:178 Resp: 1179804

Ion Ratio Lower Upper

178 100

176 19.4 18.1 27.1

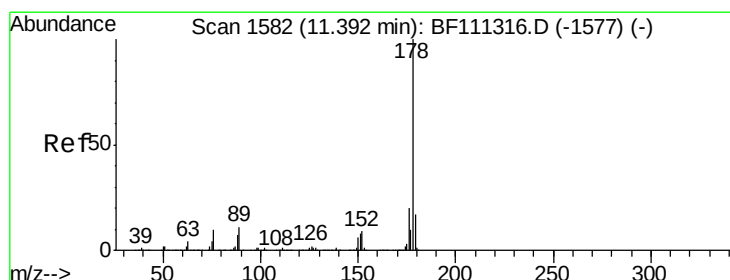
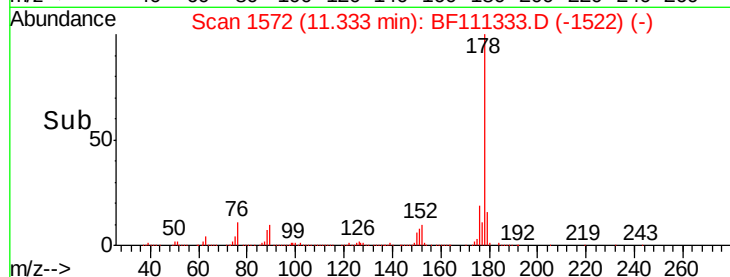
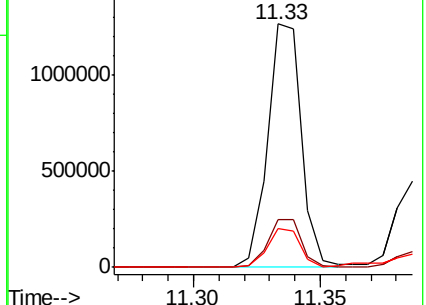
179 15.8 14.0 21.0



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: 10.641 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

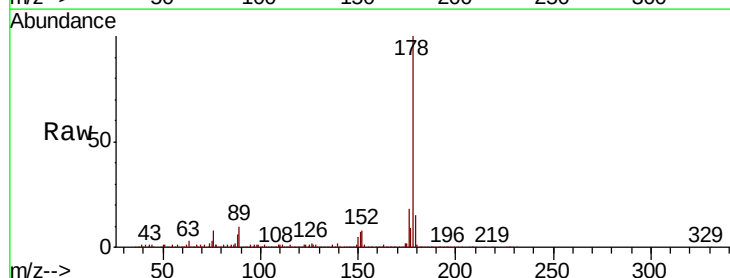
Tgt Ion:178 Resp: 361557

Ion Ratio Lower Upper

178 100

176 18.2 17.2 25.8

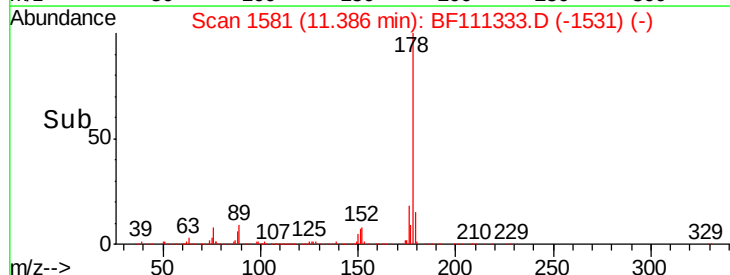
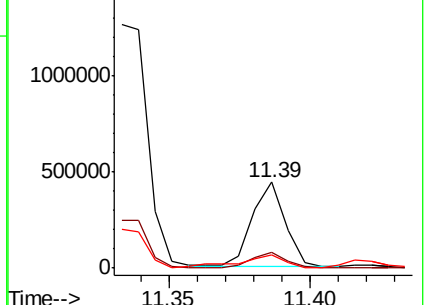
179 15.2 13.8 20.8

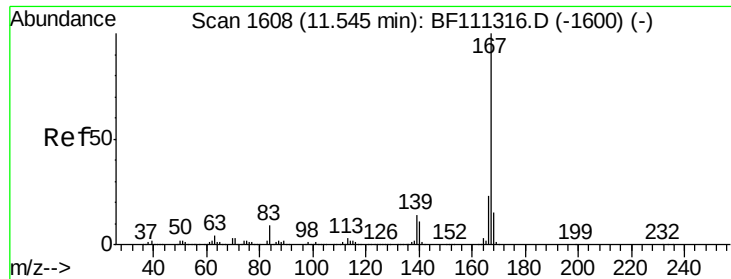


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

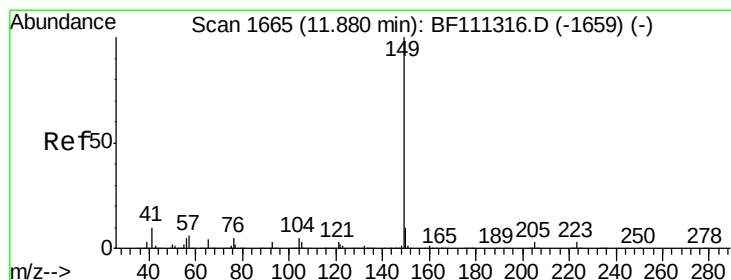
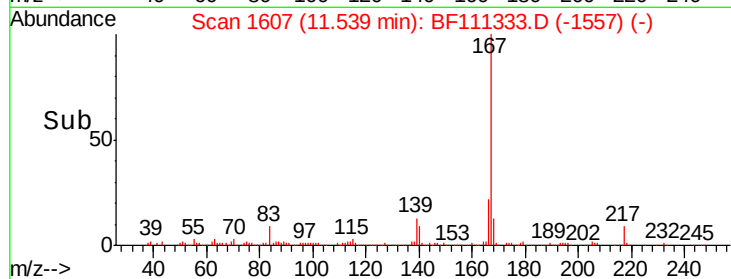
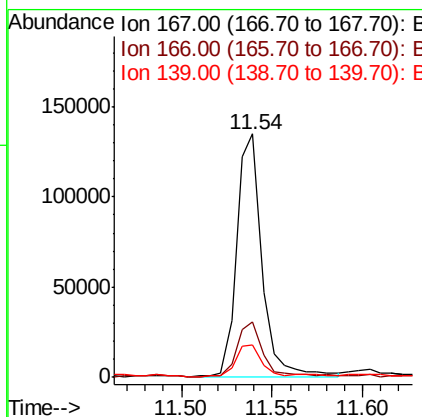
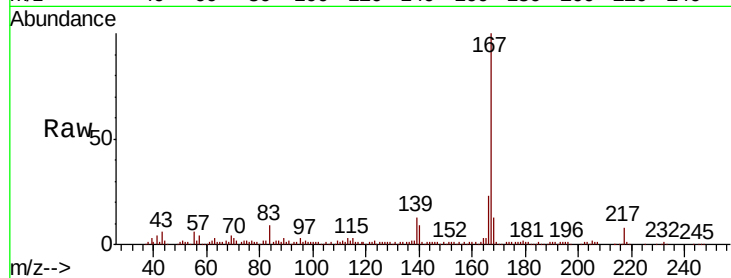




#73
 Carbazole
 Concen: 3.706 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

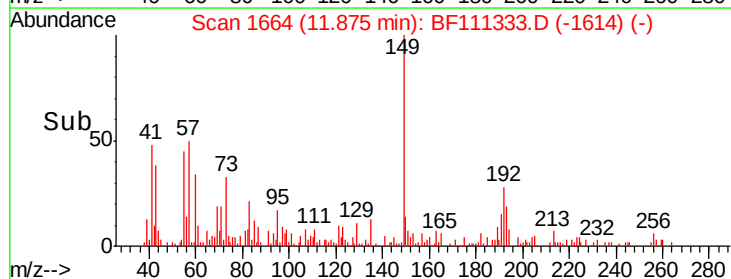
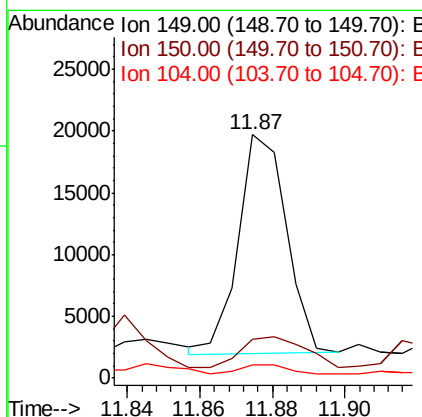
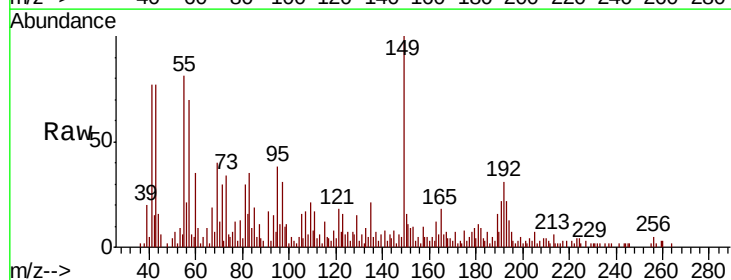
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

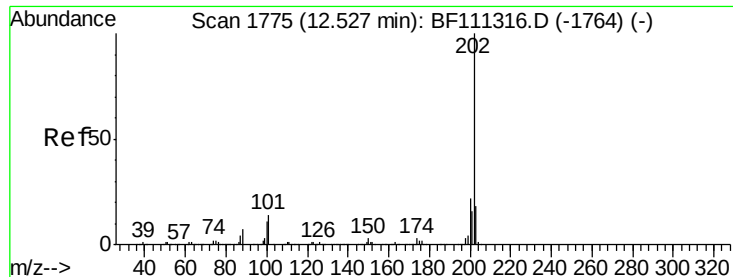
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	13.3	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 0.407 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	16.1	8.8	13.2#
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 47.036 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

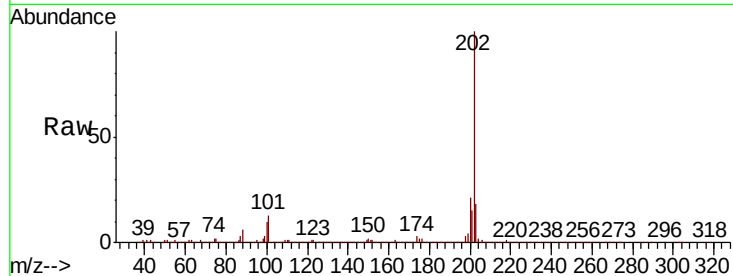
Tgt Ion:202 Resp: 1532280

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

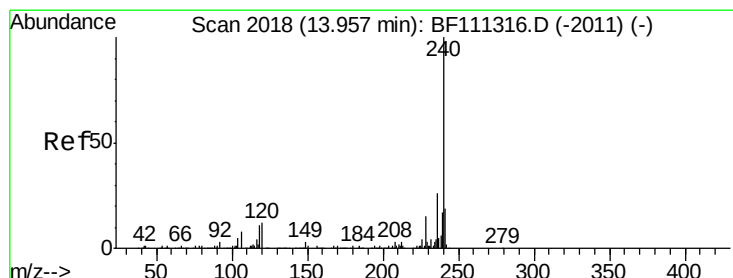
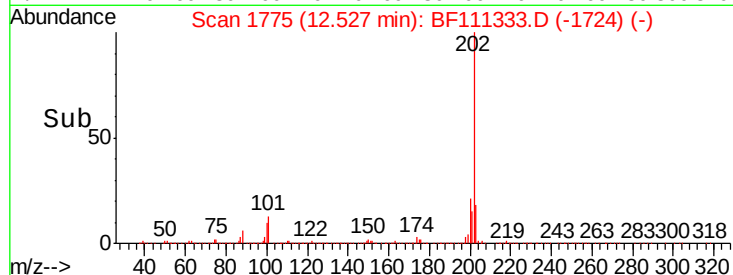
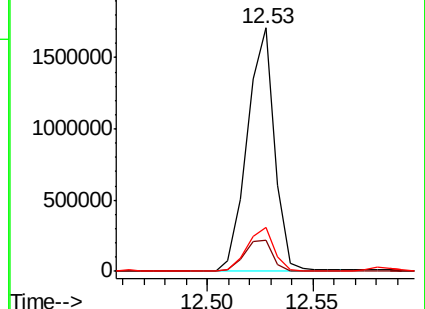
203 18.0 0.0 38.6



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

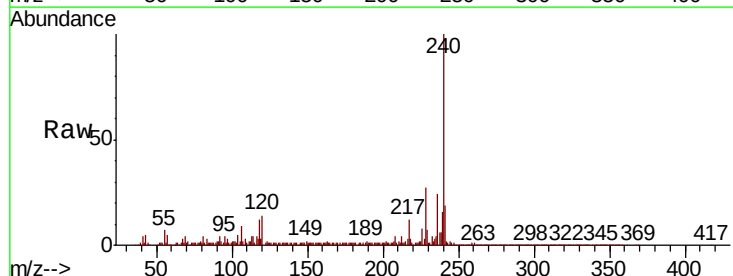
Tgt Ion:240 Resp: 423909

Ion Ratio Lower Upper

240 100

120 13.7 12.2 18.2

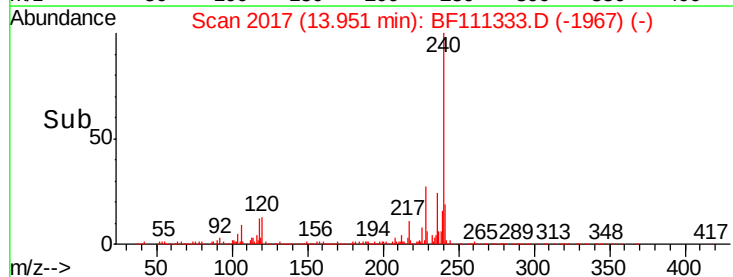
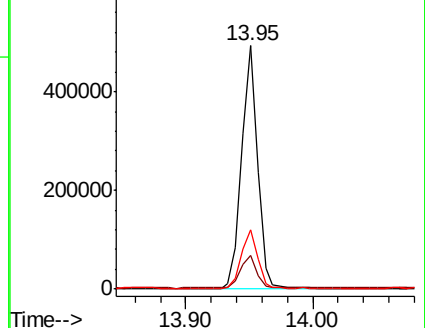
236 24.4 20.2 30.2

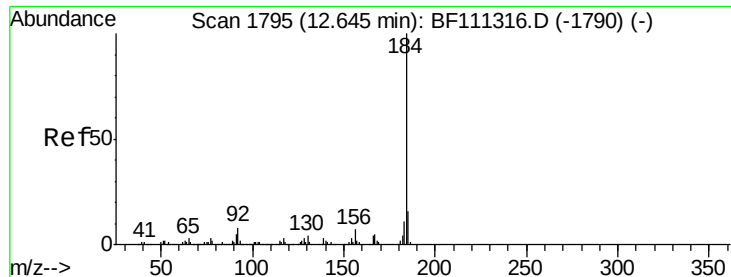


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.975 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

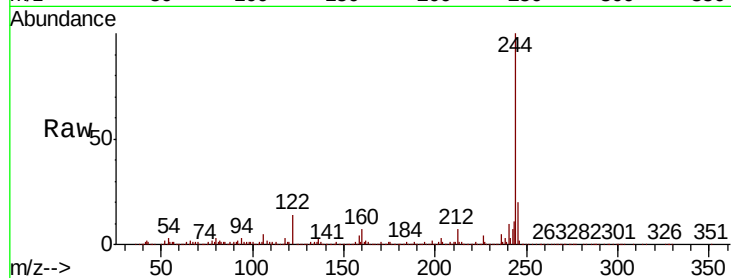
Tgt Ion:184 Resp: 15796

Ion Ratio Lower Upper

184 100

185 19.1 13.0 19.6

183 10.7 9.3 13.9

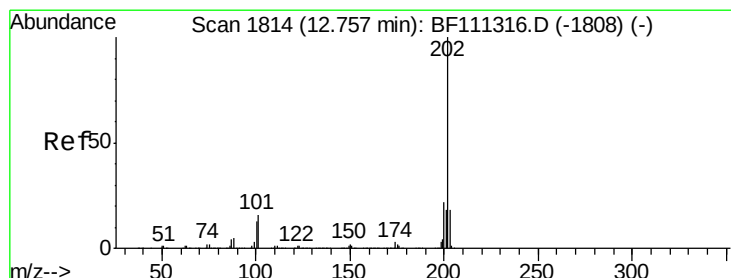
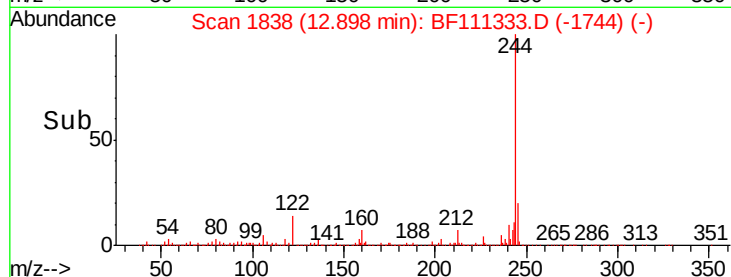
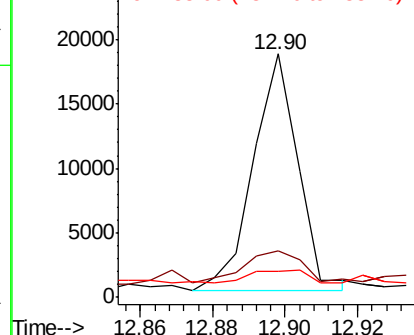


Abundance

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: 42.417 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

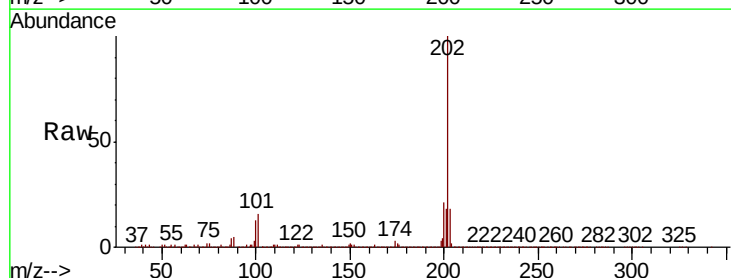
Tgt Ion:202 Resp: 1387704

Ion Ratio Lower Upper

202 100

200 21.1 19.0 28.4

203 18.4 15.2 22.8

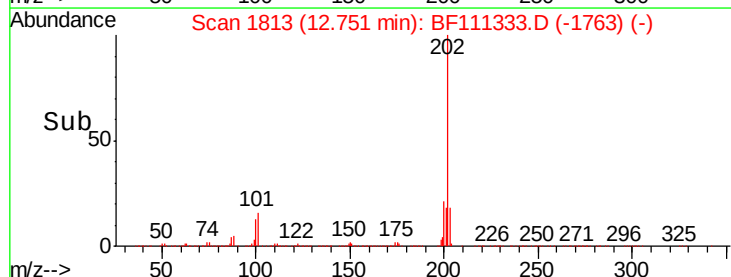
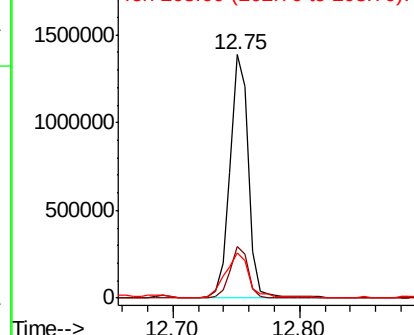


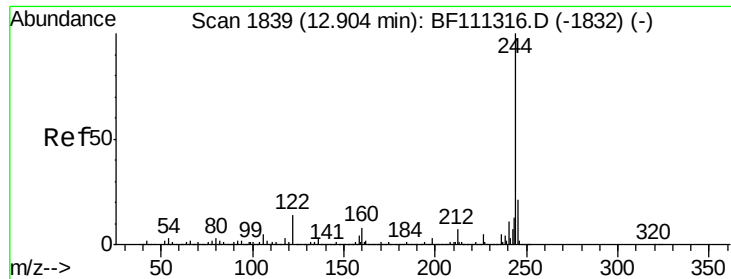
Abundance

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

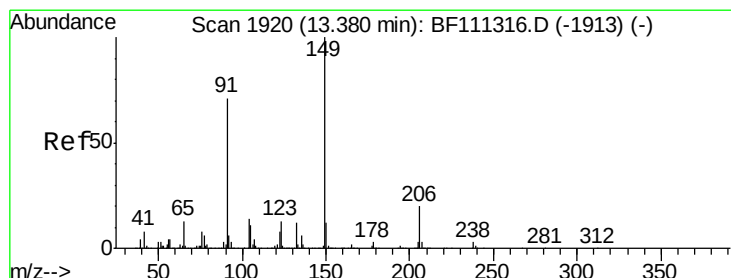
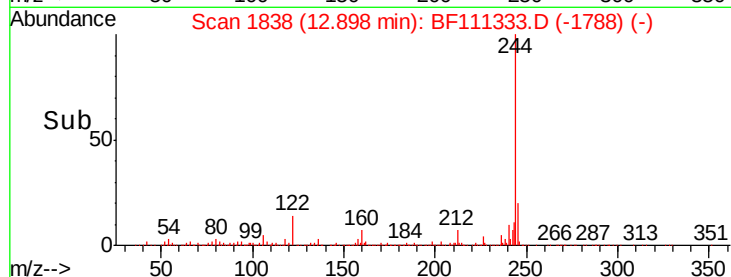
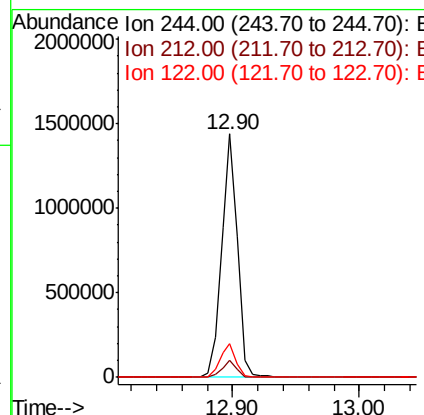
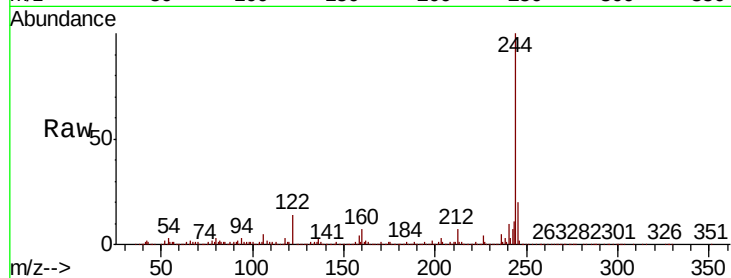




#79
 Terphenyl-d14
 Concen: 65.349 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

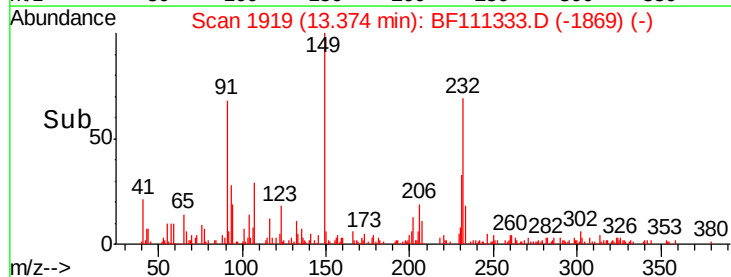
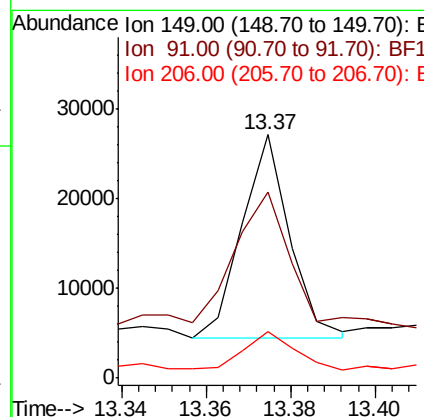
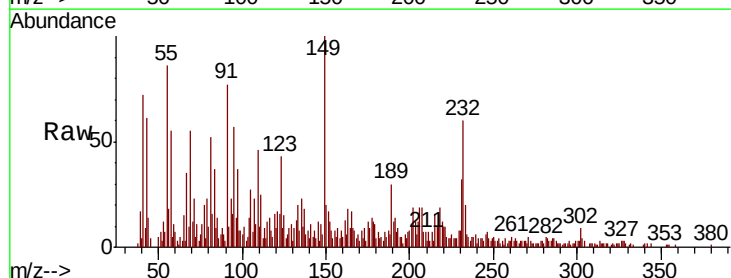
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

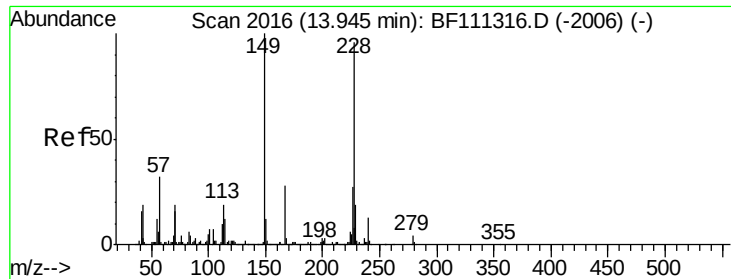
Tgt Ion:244 Resp: 1258646
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 14.0 13.1 19.7



#80
 Butylbenzylphthalate
 Concen: 1.125 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF111333.D
 Acq: 12 Dec 2018 20:38

Tgt Ion:149 Resp: 17666
 Ion Ratio Lower Upper
 149 100
 91 76.5 63.8 95.6
 206 19.2 15.1 22.7





#81

Benzo(a)anthracene

Concen: 27.775 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

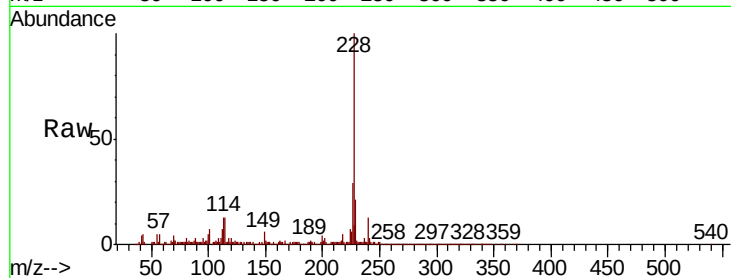
Tgt Ion:228 Resp: 658766

Ion Ratio Lower Upper

228 100

226 29.4 22.6 34.0

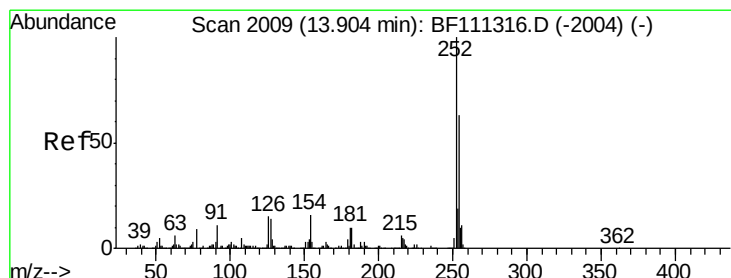
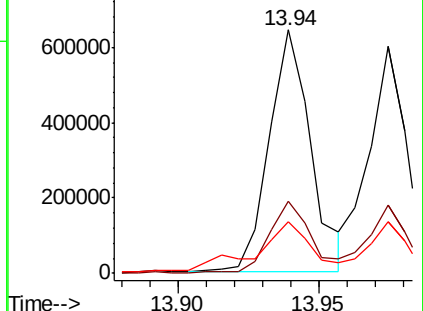
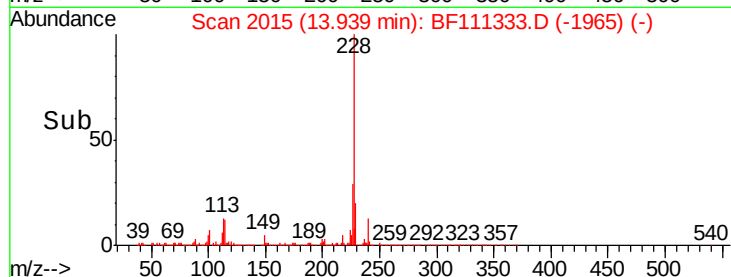
229 21.0 16.3 24.5



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

3,3'-Dichlorobenzidine

Concen: 0.073 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

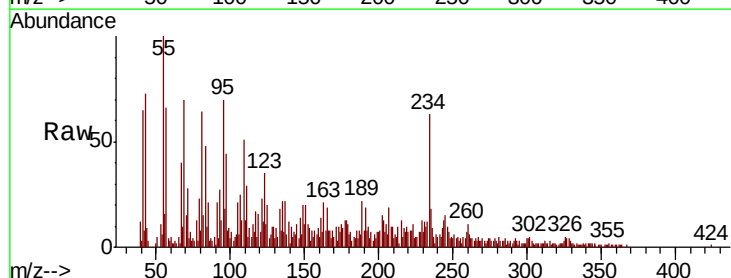
Tgt Ion:252 Resp: 654

Ion Ratio Lower Upper

252 100

254 57.2 52.7 79.1

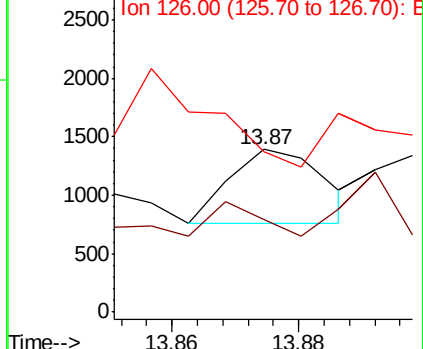
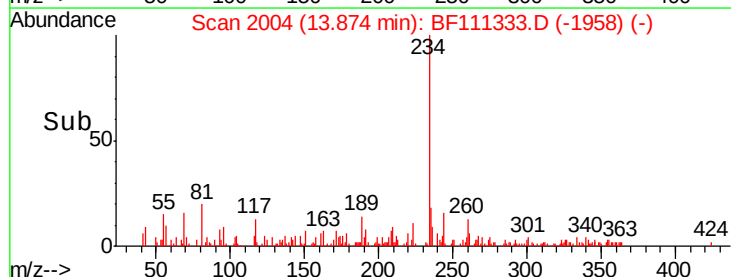
126 98.7 11.1 16.7#

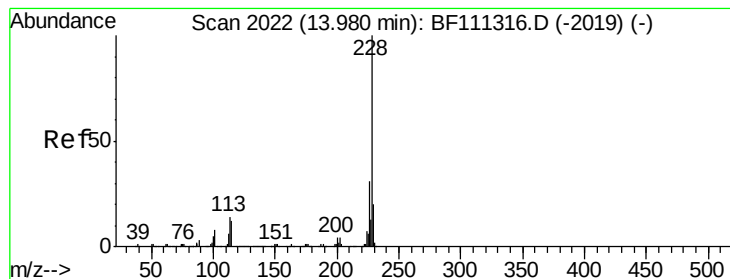


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 23.206 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

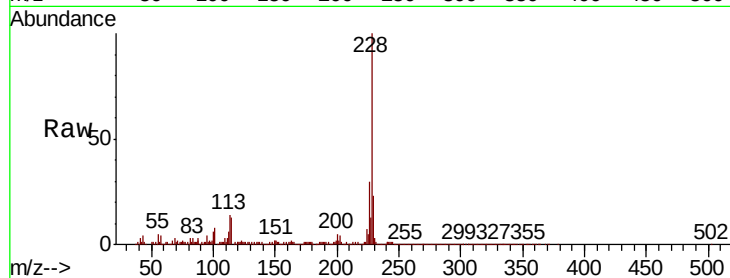
Tgt Ion:228 Resp: 561546

Ion Ratio Lower Upper

228 100

226 29.9 25.3 37.9

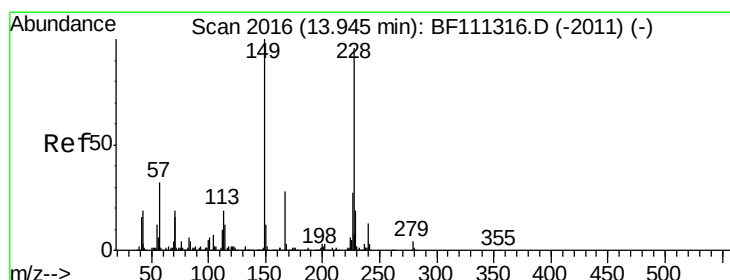
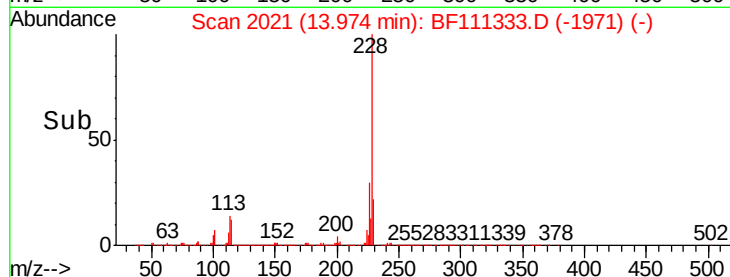
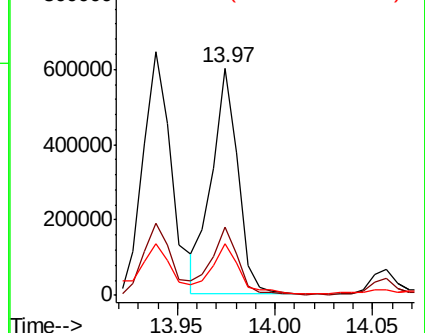
229 22.9 17.2 25.8



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: 1.835 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

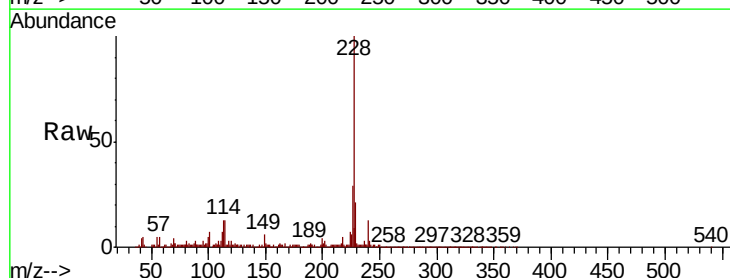
Tgt Ion:149 Resp: 35244

Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

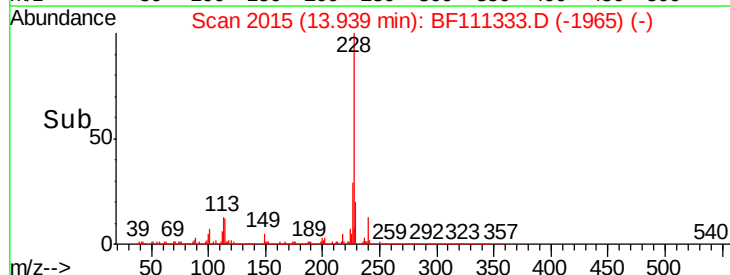
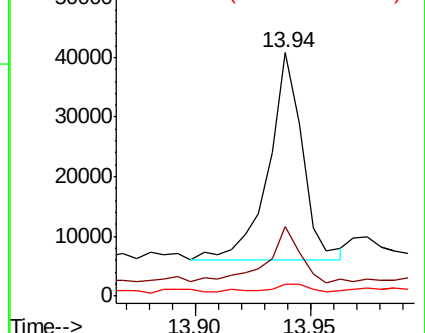
279 4.7 2.6 4.0#

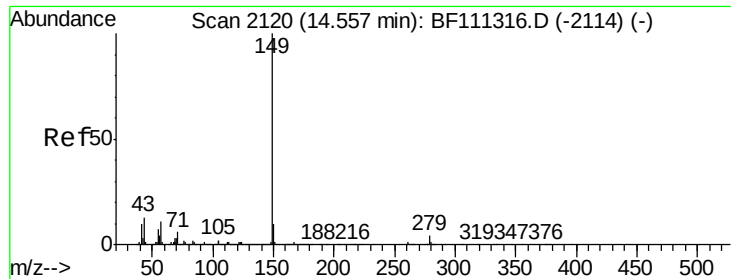


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.084 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

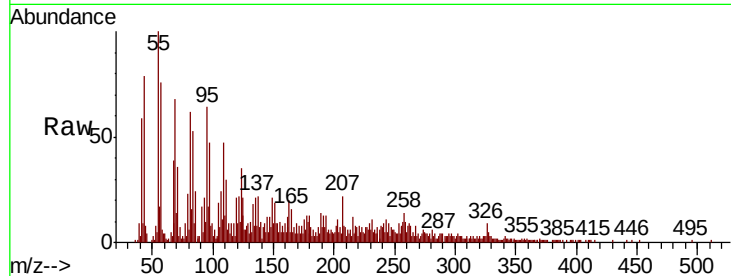
Tgt Ion:149 Resp: 2643

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

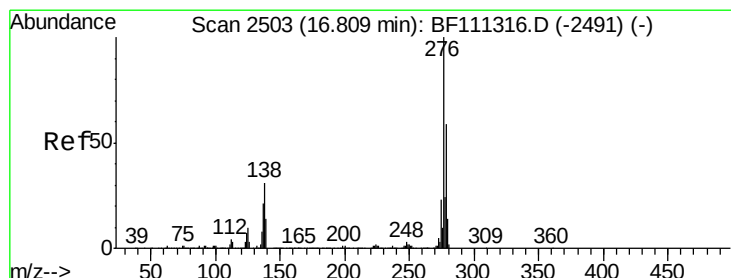
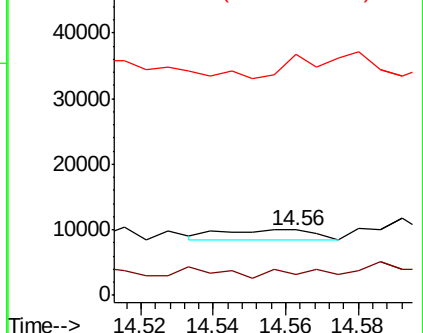
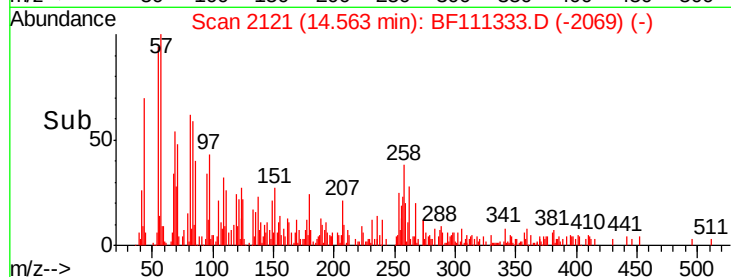
43 0.0 10.9 16.3#



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: 2.413 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.16 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

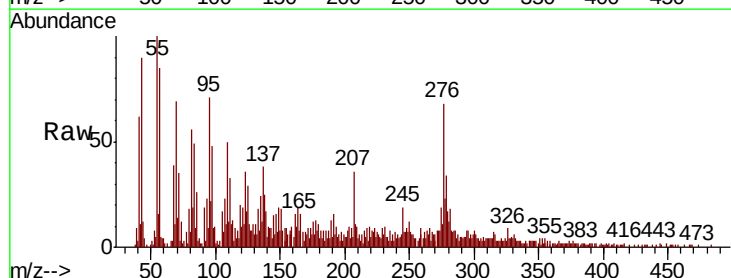
Tgt Ion:276 Resp: 45675

Ion Ratio Lower Upper

276 100

138 33.1 27.8 41.6

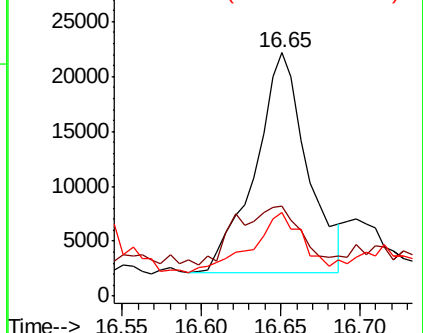
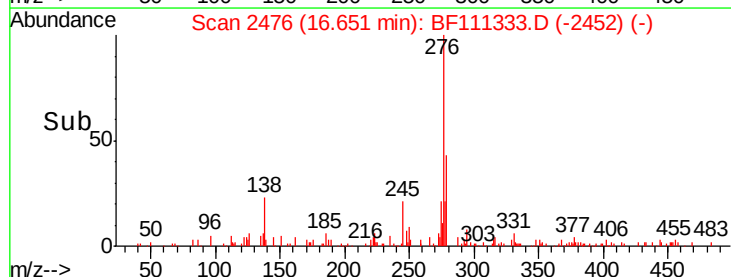
277 27.0 20.1 30.1

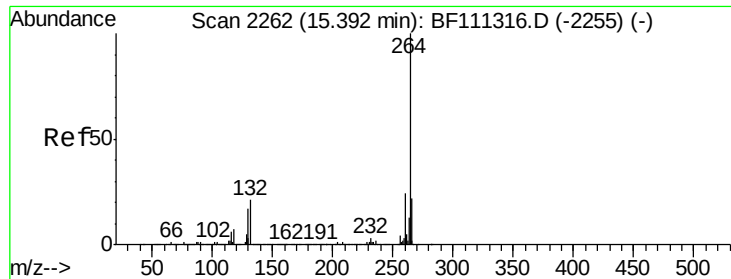


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

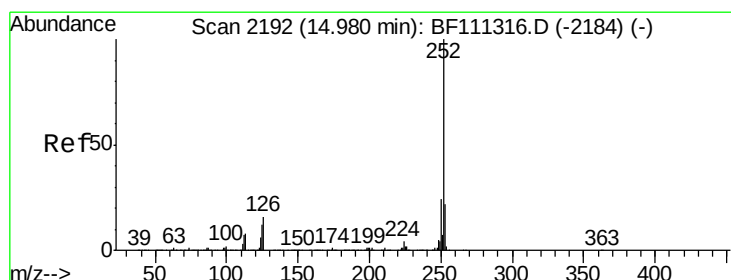
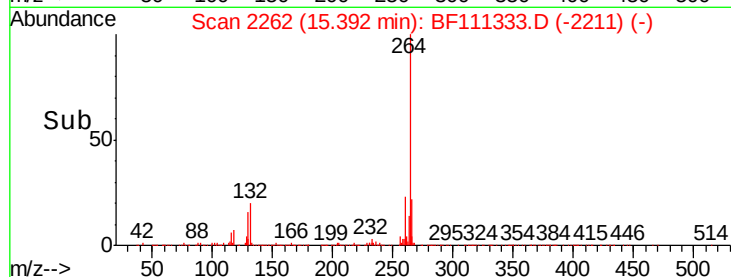
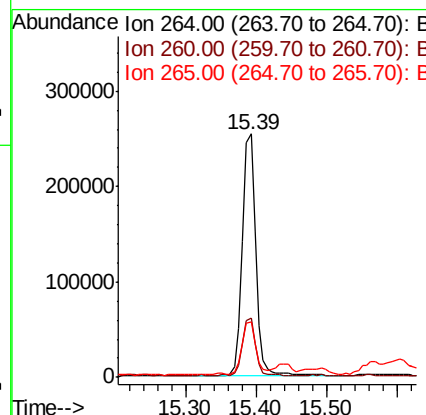
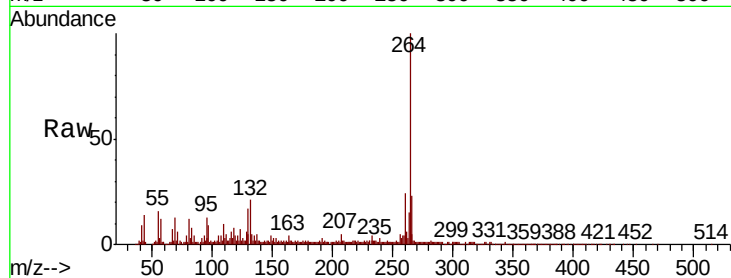




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

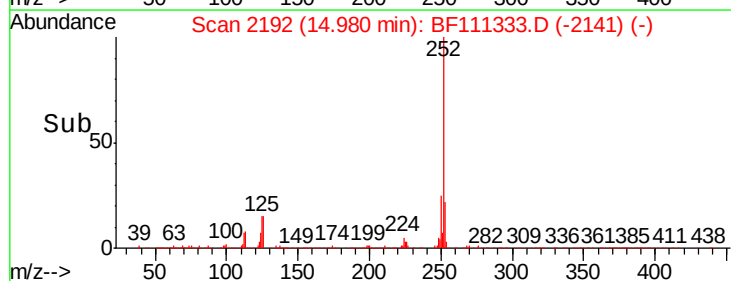
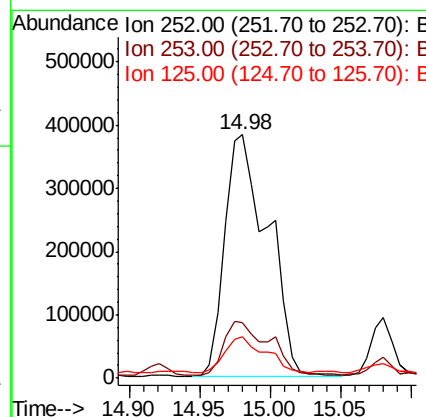
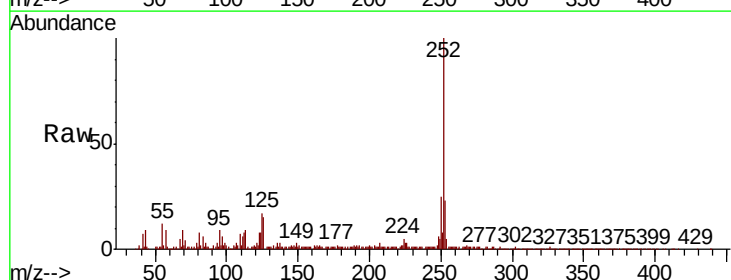
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

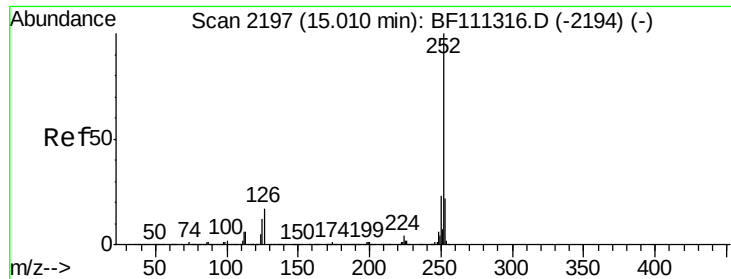
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.7	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 41.822 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	17.1	10.4	15.6

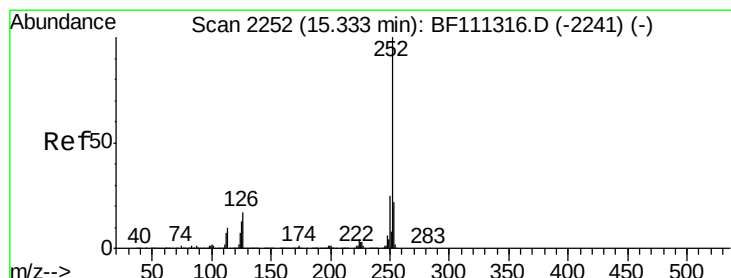
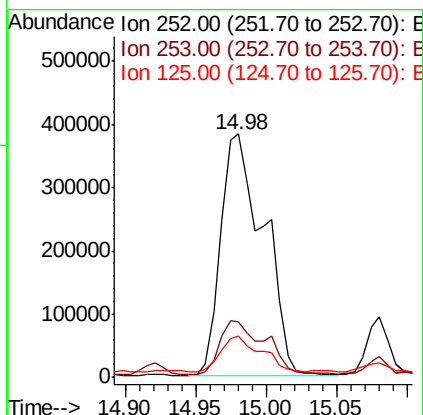
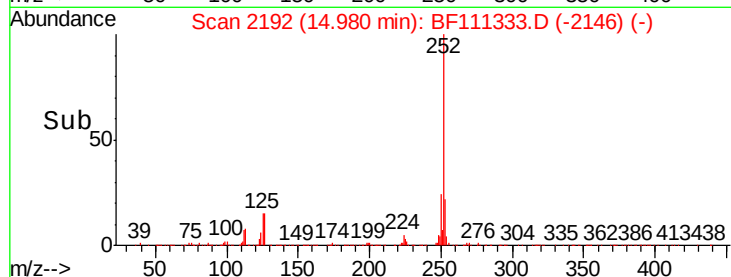
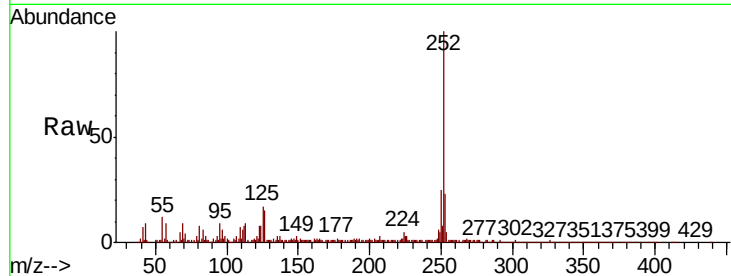




#89
Benzo(k)fluoranthene
Concen: 41.899 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

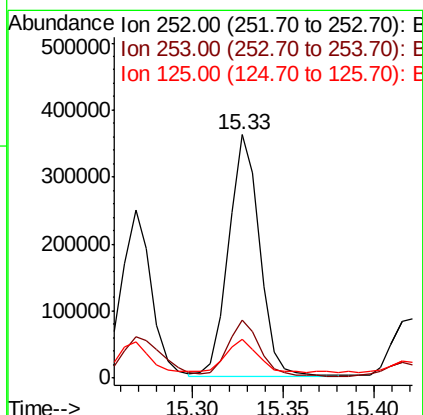
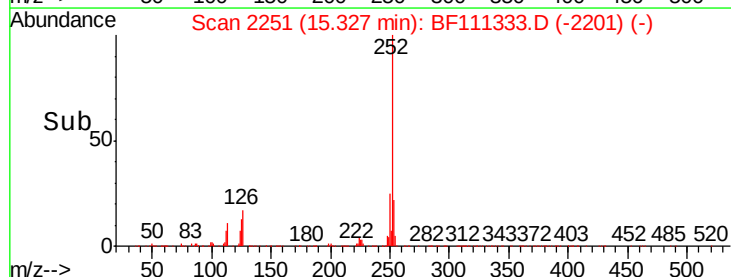
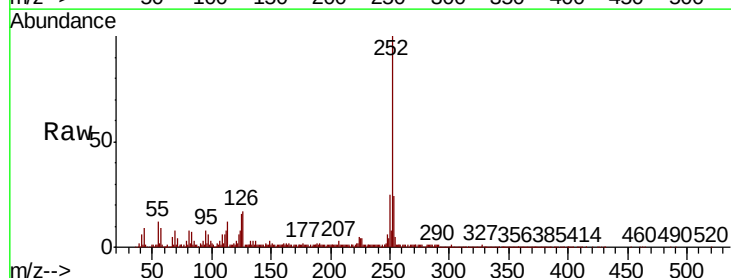
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

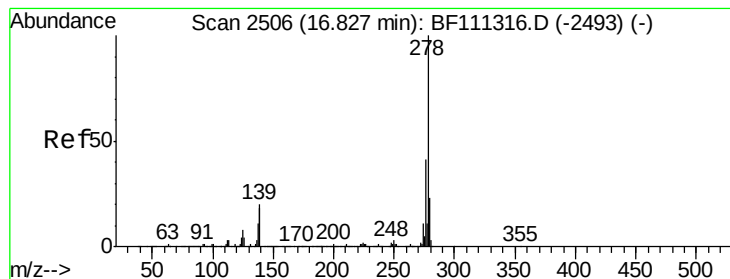
Tgt Ion:252 Resp: 814095
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 17.1 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 23.701 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111333.D
Acq: 12 Dec 2018 20:38

Tgt Ion:252 Resp: 429576
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 15.7 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 4.448 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

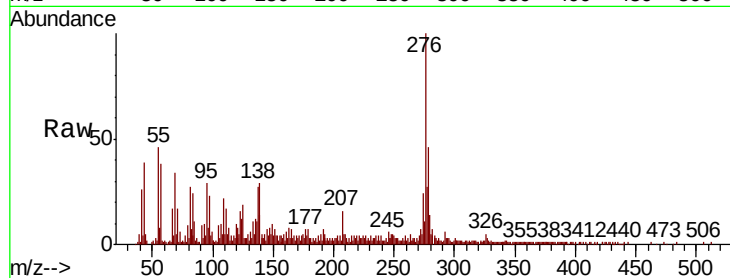
Tgt Ion:278 Resp: 67077

Ion Ratio Lower Upper

278 100

139 31.5 18.2 27.4#

279 31.7 19.0 28.6#

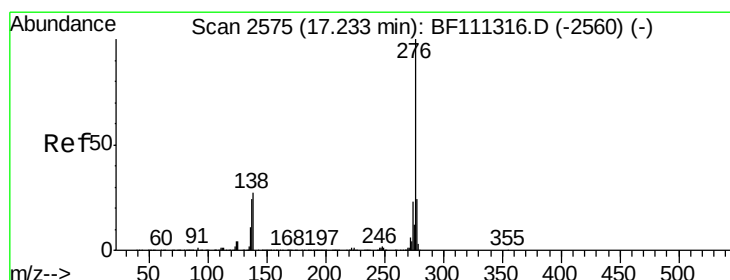
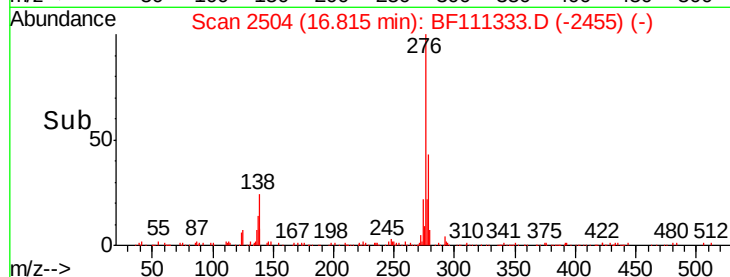
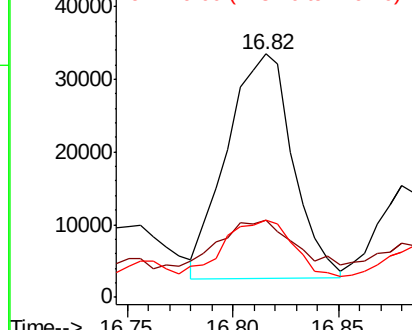


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 15.166 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF111333.D

Acq: 12 Dec 2018 20:38

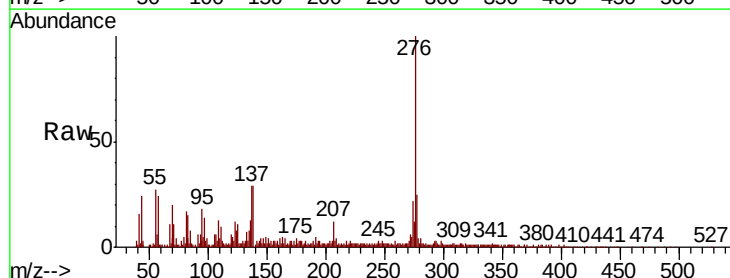
Tgt Ion:276 Resp: 228645

Ion Ratio Lower Upper

276 100

277 25.1 19.2 28.8

138 29.3 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

