

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111883.D
 Acq On : 7 Jan 2019 18:20
 Operator : JU/SJ
 Sample : K1053-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-DRUM

Quant Time: Jan 08 04:15:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

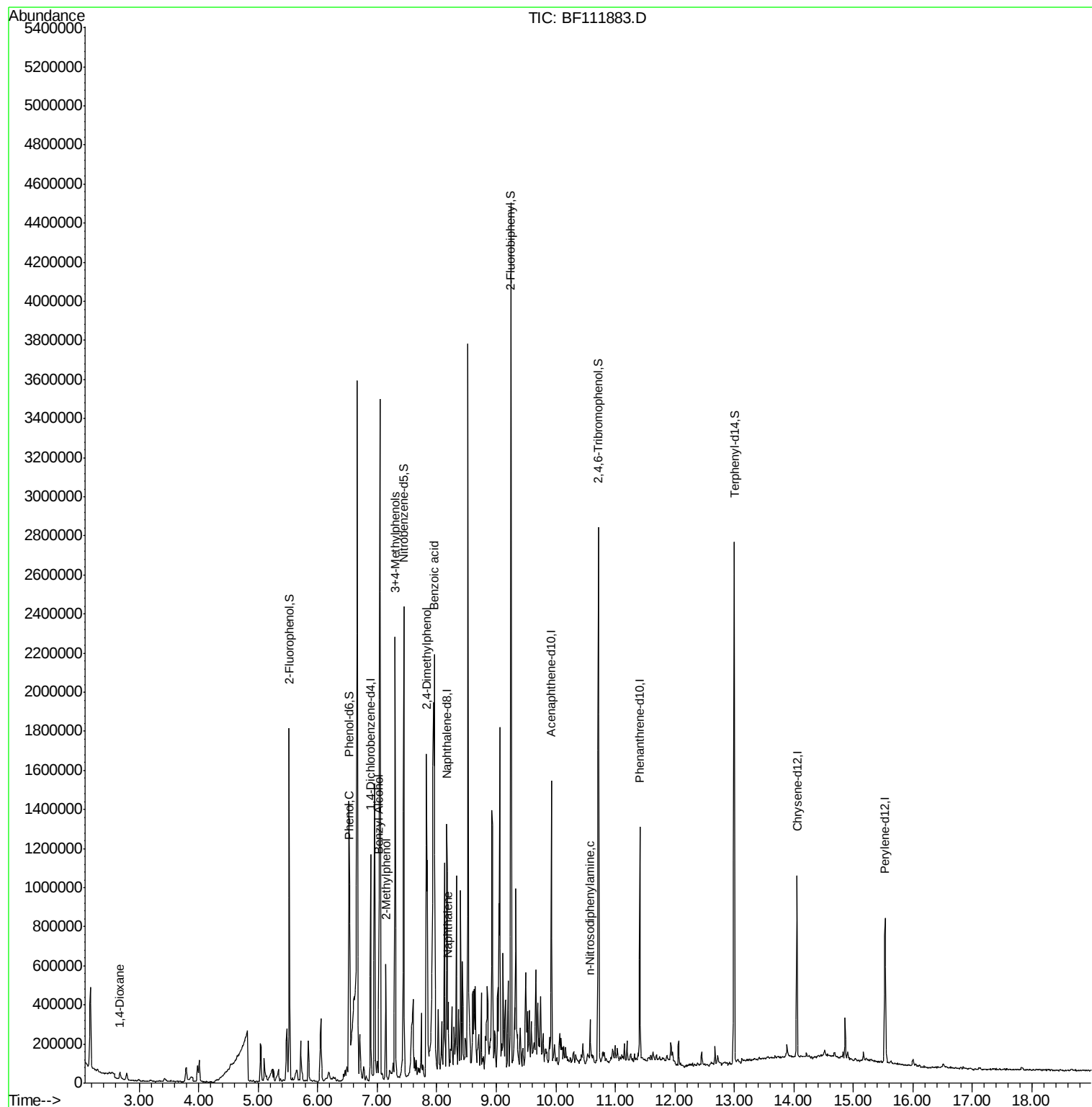
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158609	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	558748	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	257361	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	422128	20.00	ng	0.00
76) Chrysene-d12	14.05	240	300963	20.00	ng	0.00
87) Perylene-d12	15.53	264	348318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	489181	52.76	ng	0.00
7) Phenol-d6	6.53	99	387349	32.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	795471	76.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	326792	97.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1409869	79.88	ng	0.00
79) Terphenyl-d14	13.00	244	942335	59.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.68	88	13272	3.274	ng	# 76
10) Phenol	6.54	94	151168	11.640	ng	# 75
15) Benzyl Alcohol	7.03	79	142723	15.096	ng	99
17) 2-Methylphenol	7.15	107	77901	9.415	ng	95
20) 3+4-Methylphenols	7.30	107	549706	53.384	ng	# 66
27) 2,4-Dimethylphenol	7.83	122	375493	49.872	ng	97
31) Naphthalene	8.19	128	125253	4.722	ng	98
32) Benzoic acid	7.96	122	726506	148.693	ng	# 19
66) n-Nitrosodiphenylamine	10.58	169	43535	3.073	ng	98

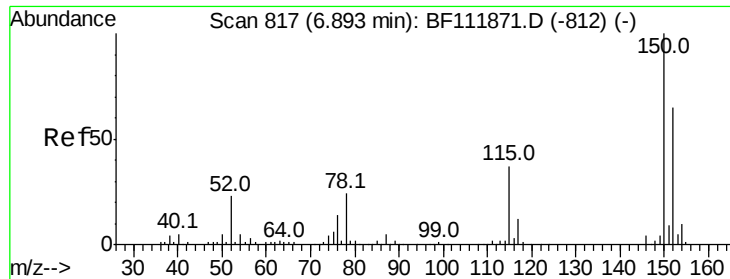
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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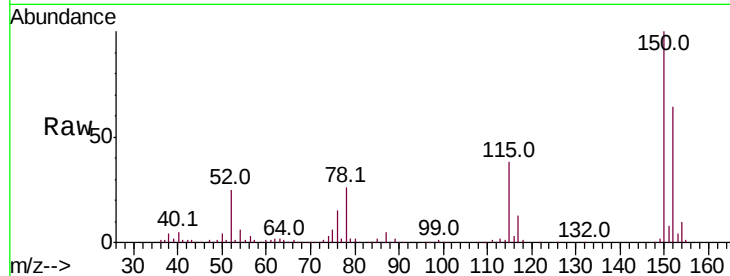


#1

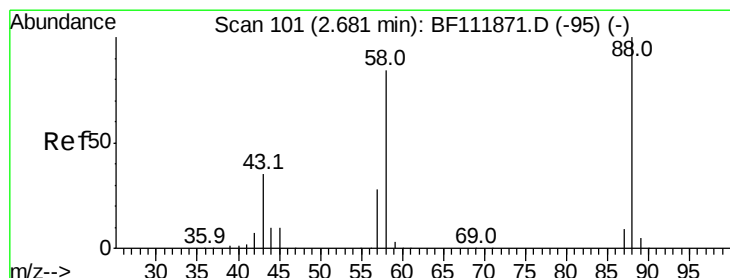
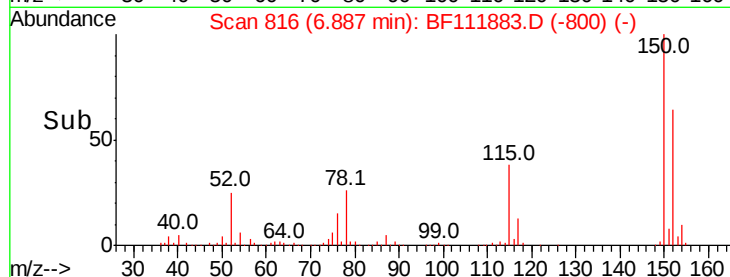
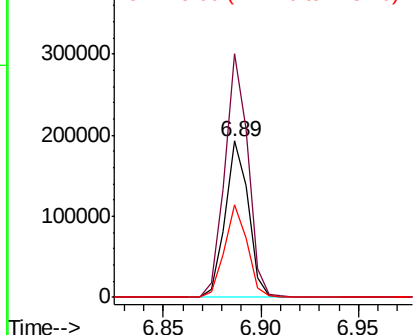
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
COMP-4-DRUM

Tot Ion:152 Resp: 158609
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 59.6 45.2 67.8



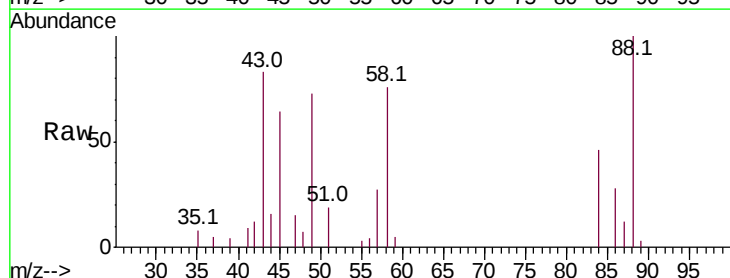
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



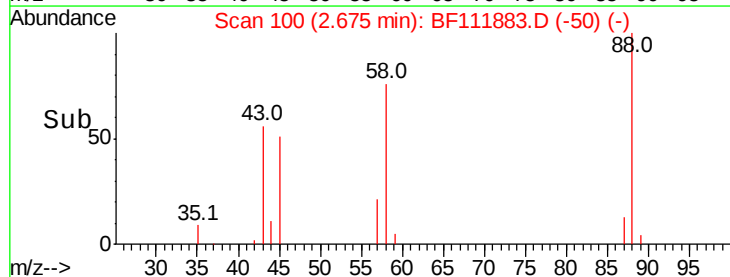
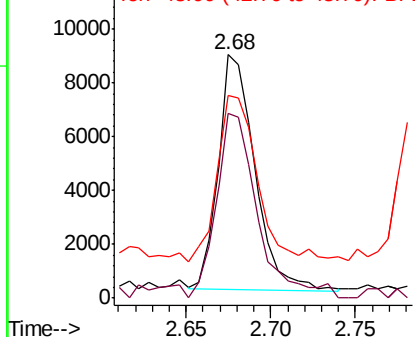
#2

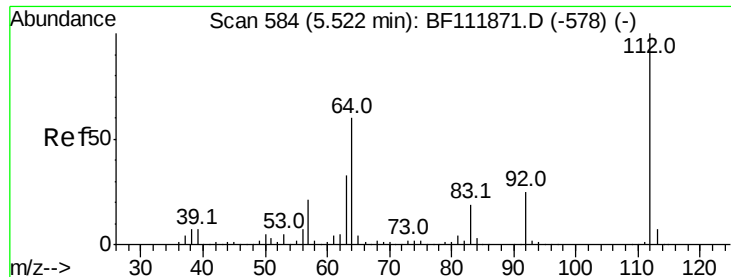
1,4-Dioxane
Concen: 3.274 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

Tgt Ion: 88 Resp: 13272
Ion Ratio Lower Upper
88 100
58 87.7 67.6 101.4
43 78.9 29.0 43.6#



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





#5

2-Fluorophenol

Concen: 52.765 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

COMP-4-DRUM

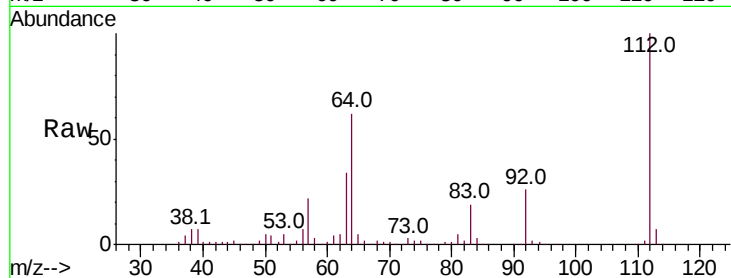
Tot Ion:112 Resp: 489181

Ion Ratio Lower Upper

112 100

64 62.2 48.3 72.5

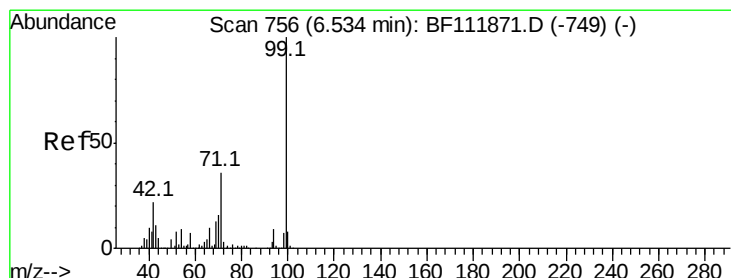
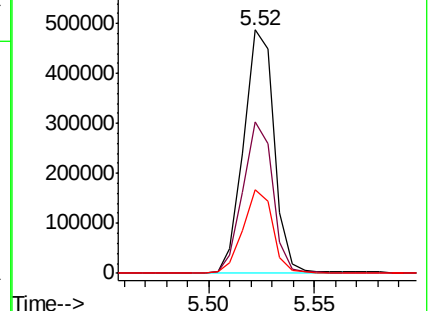
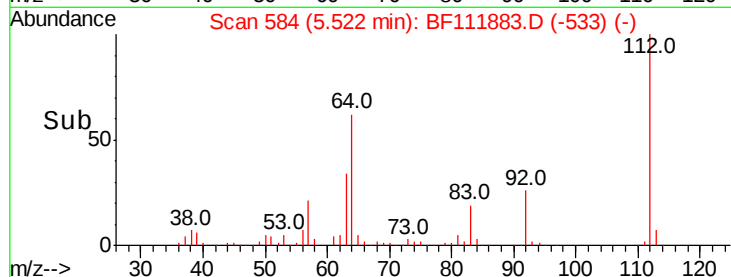
63 34.4 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 32.416 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

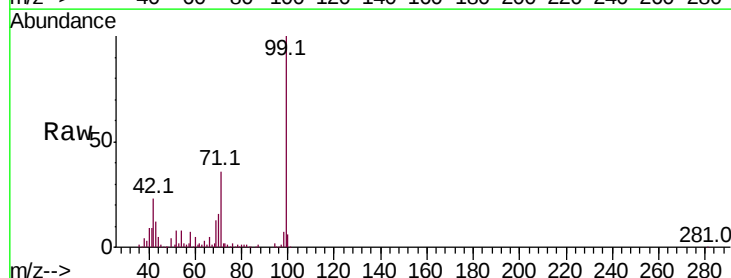
Tgt Ion: 99 Resp: 387349

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

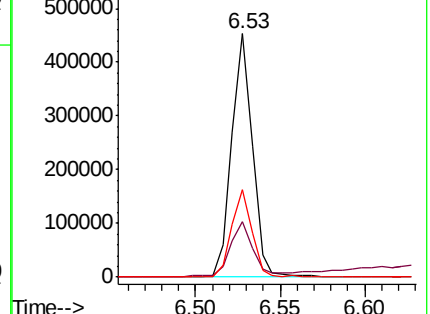
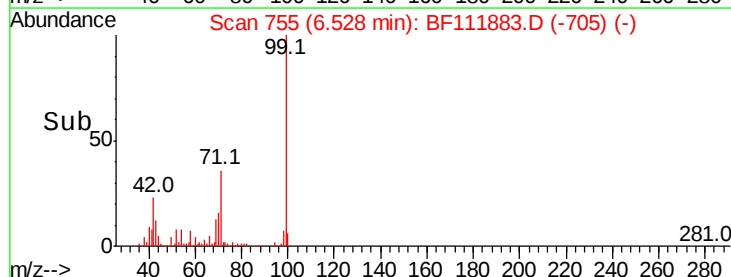
71 36.0 28.7 43.1

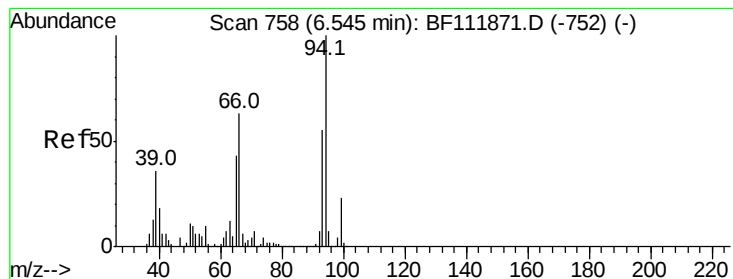


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 11.640 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

COMP-4-DRUM

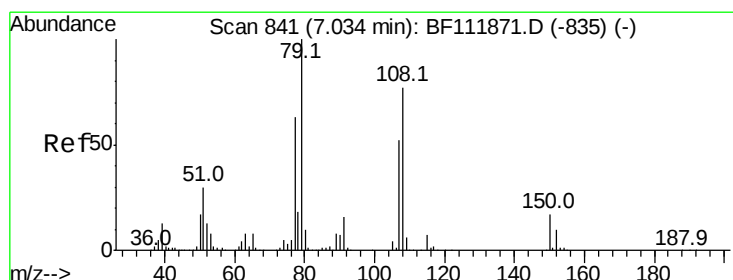
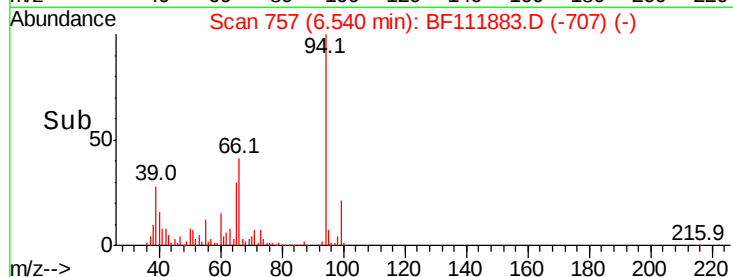
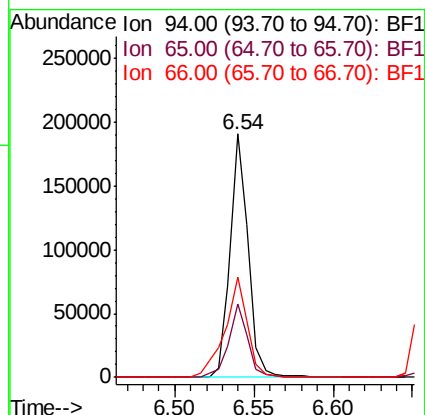
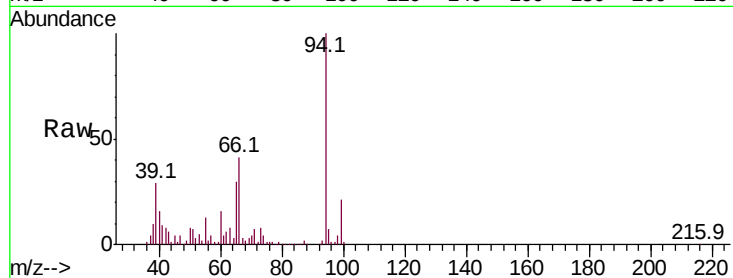
Tot Ion: 94 Resp: 151168

Ion Ratio Lower Upper

94 100

65 30.3 22.8 62.8

66 41.1 43.3 83.3#



#15

Benzyl Alcohol

Concen: 15.096 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

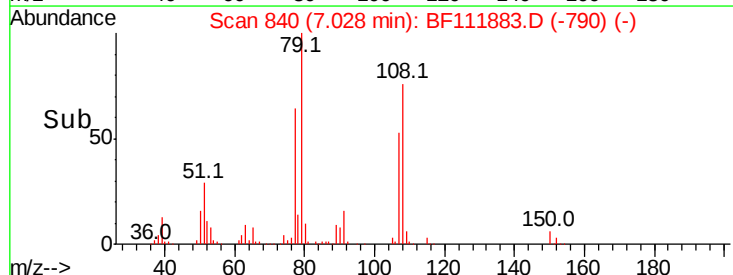
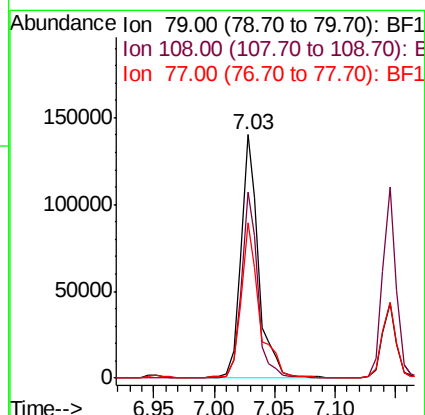
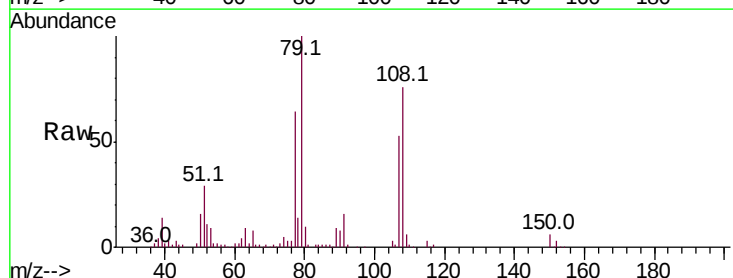
Tgt Ion: 79 Resp: 142723

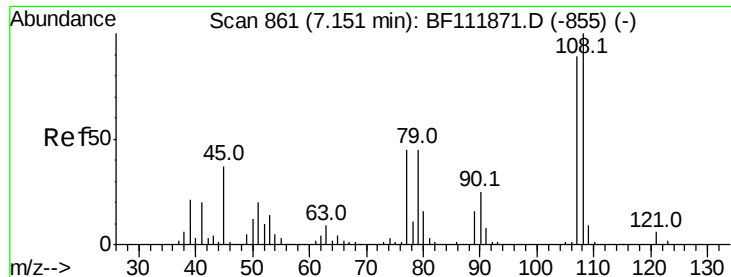
Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

77 63.7 50.4 75.6

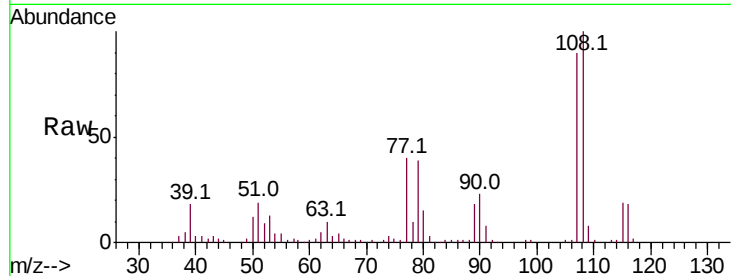




#17
 2-Methylphenol
 Concen: 9.415 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-DRUM

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.7	134.5
77	44.5	40.6	60.8
79	43.7	40.2	60.2



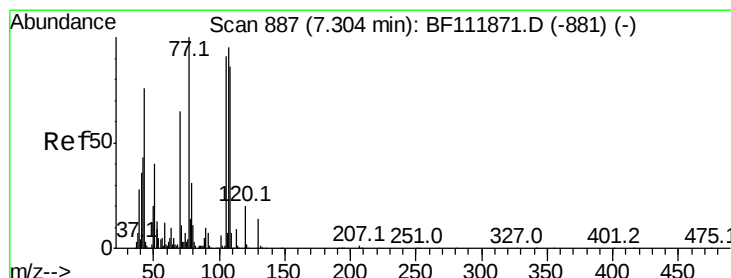
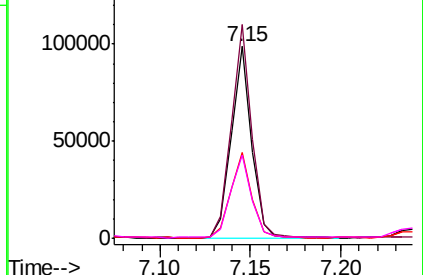
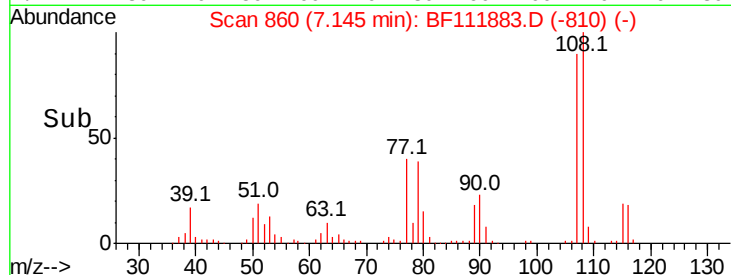
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

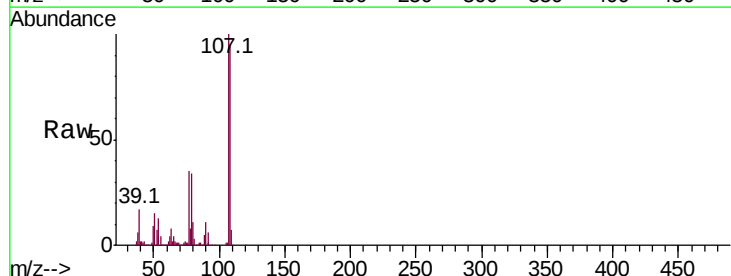
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20
 3+4-Methylphenols
 Concen: 53.384 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	71.1	111.1
77	34.9	85.4	125.4#
79	34.2	12.4	52.4



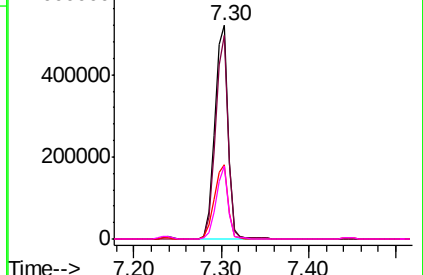
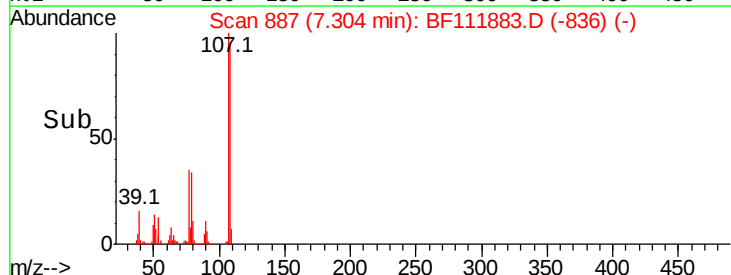
Abundance

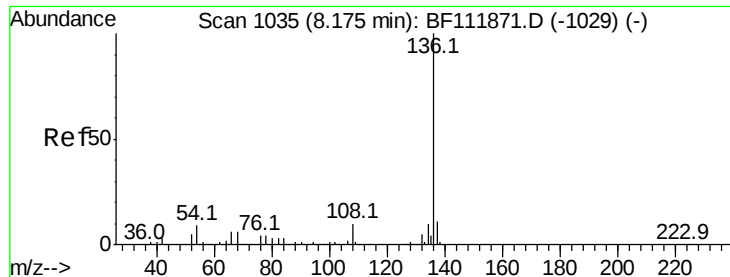
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

COMP-4-DRUM

Tot Ion:136 Resp: 558748

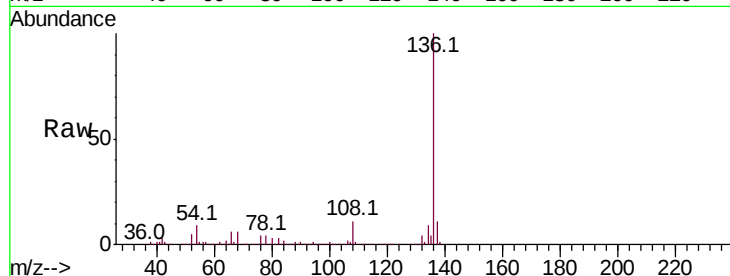
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.2 10.8

68 5.7 4.4 6.6

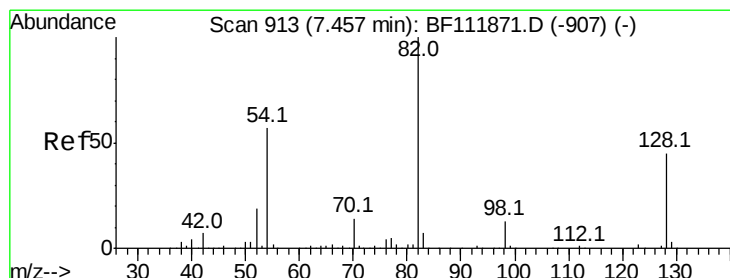
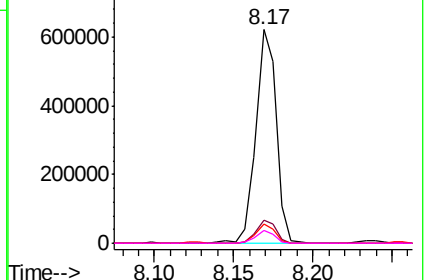
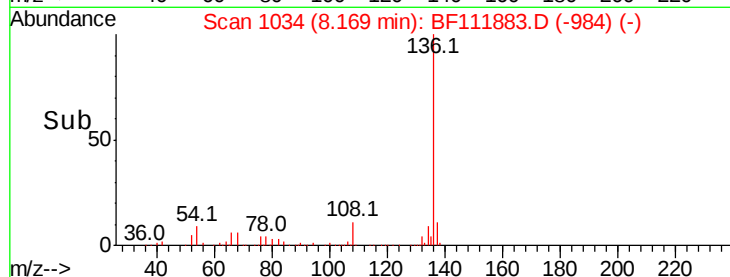


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 76.088 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

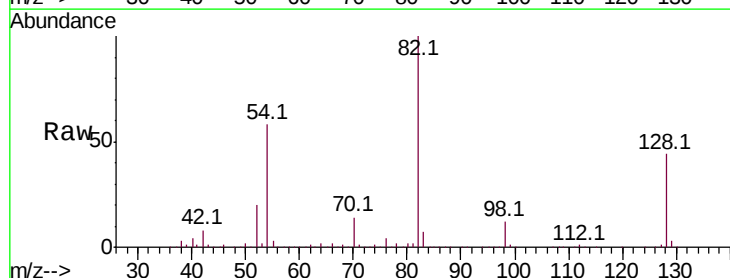
Tgt Ion: 82 Resp: 795471

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

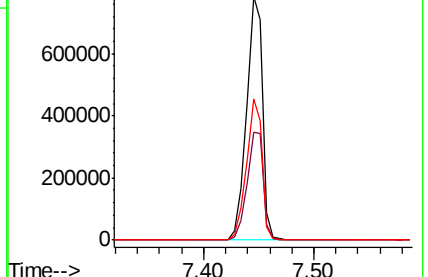
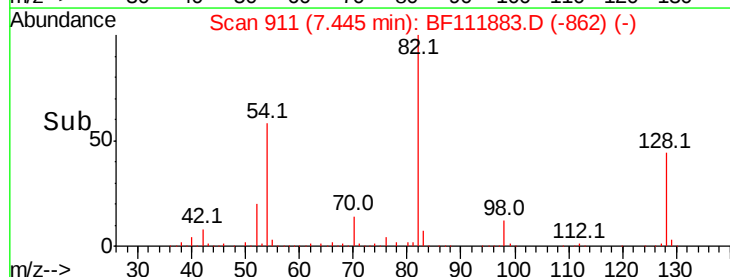
54 58.2 45.8 68.8

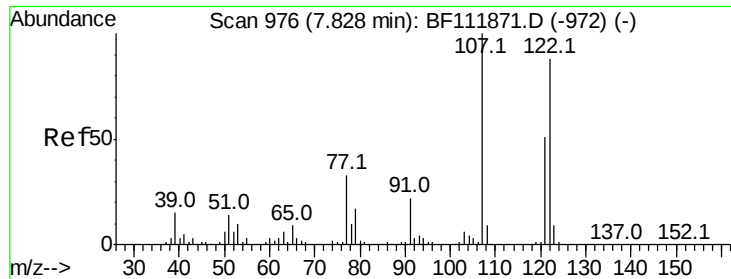


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

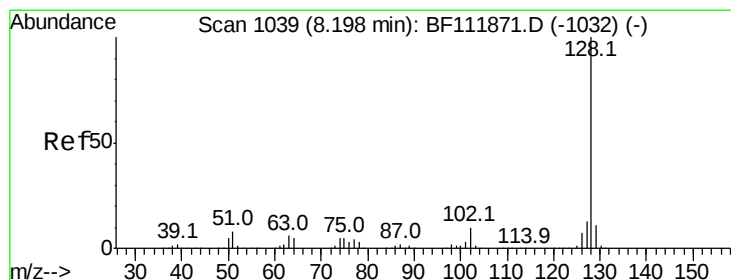
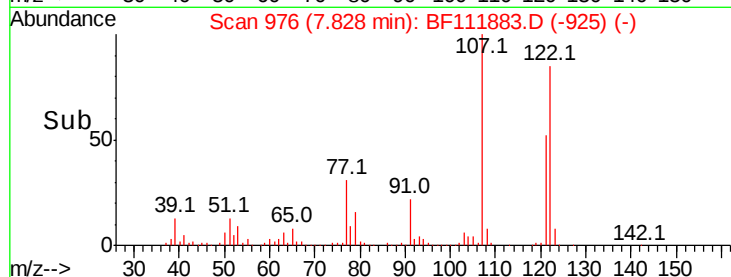
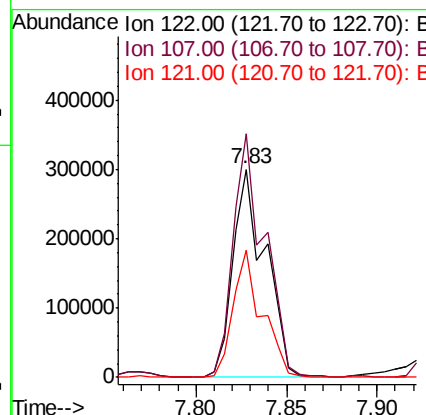
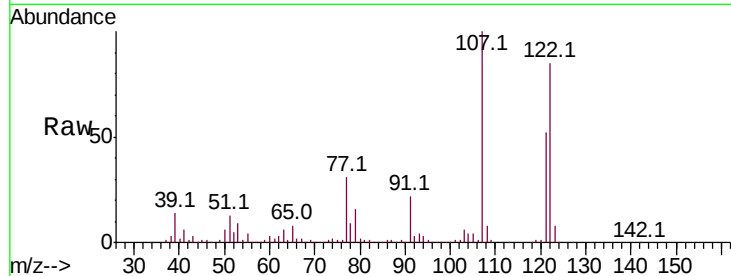




#27
2,4-Dimethylphenol
Concen: 49.872 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

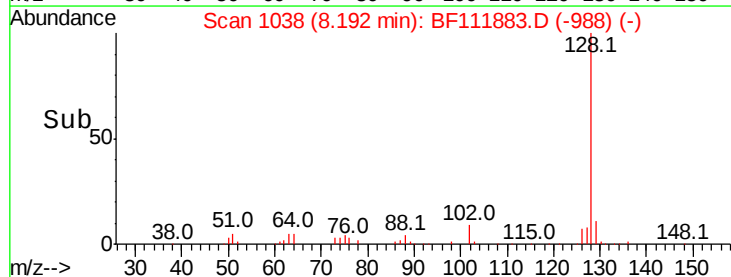
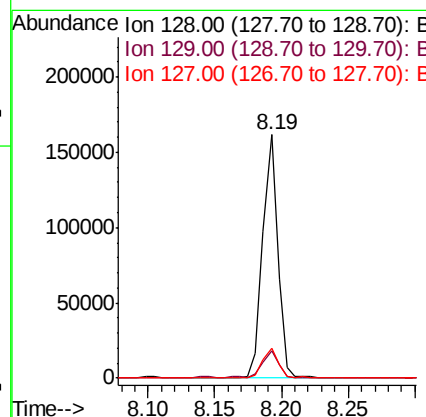
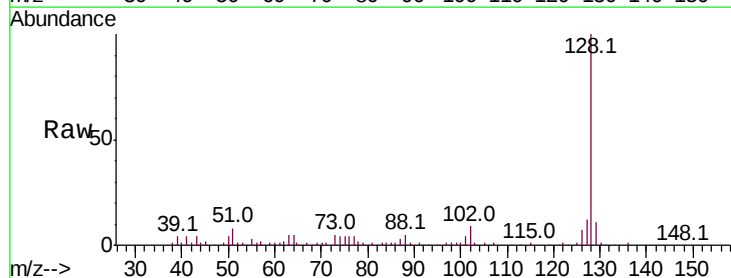
Instrument :
BNA_F
ClientSampleId :
COMP-4-DRUM

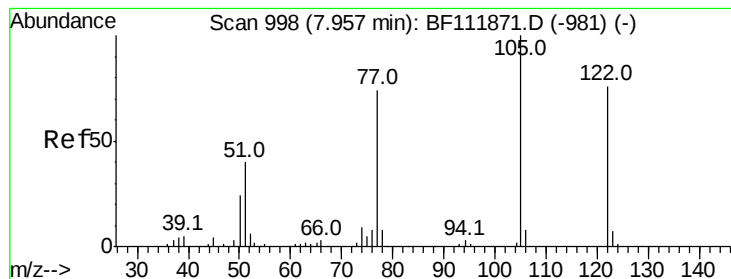
Tot Ion:122 Resp: 375493
Ion Ratio Lower Upper
122 100
107 117.1 91.0 136.6
121 61.1 46.8 70.2



#31
Naphthalene
Concen: 4.722 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

Tgt Ion:128 Resp: 125253
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.0 10.7 16.1





#32

Benzoic acid

Concen: 148.693 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

COMP-4-DRUM

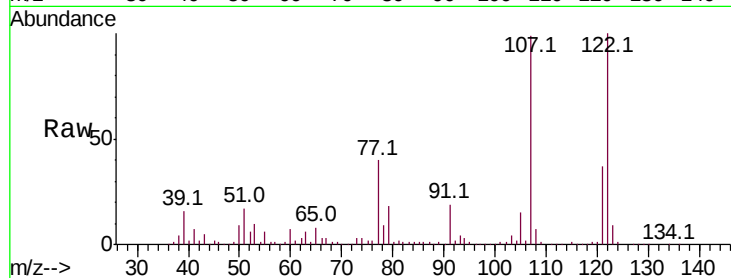
Tot Ion:122 Resp: 726506

Ion Ratio Lower Upper

122 100

105 14.7 107.9 147.9#

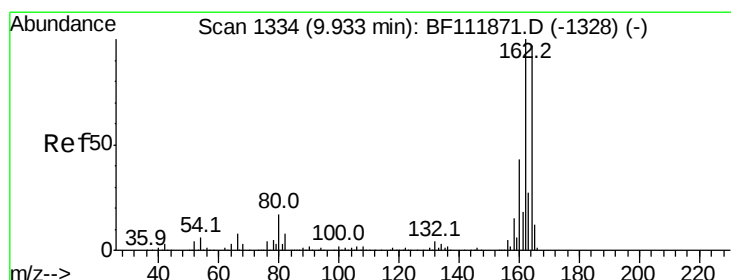
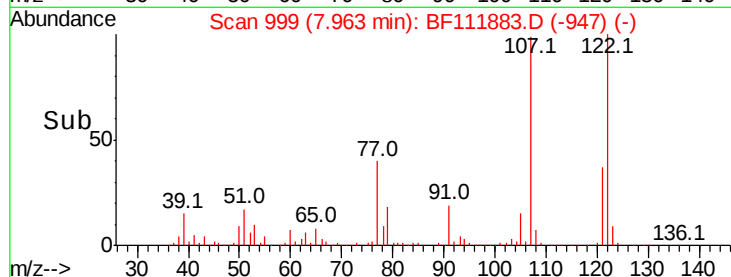
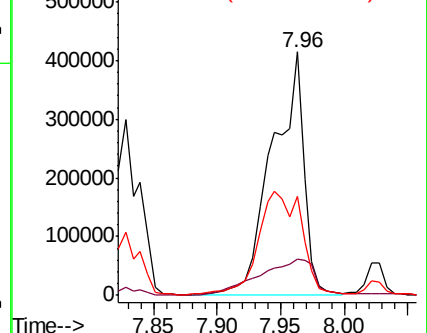
77 40.4 76.6 116.6#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111883.D

Acq: 7 Jan 2019 18:20

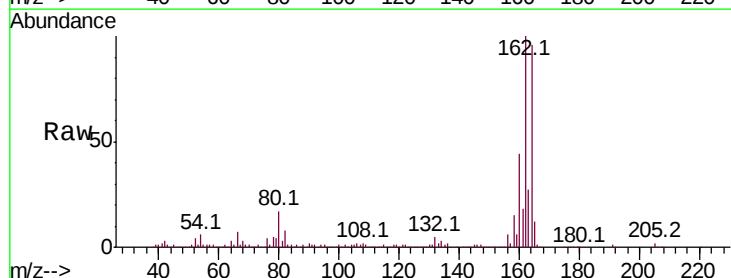
Tgt Ion:164 Resp: 257361

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.2

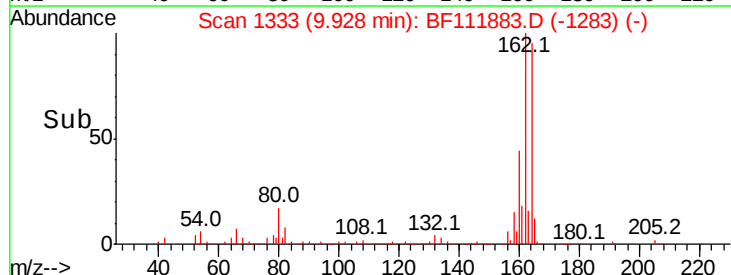
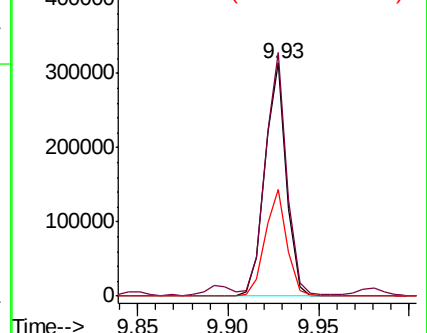
160 45.8 35.5 53.3

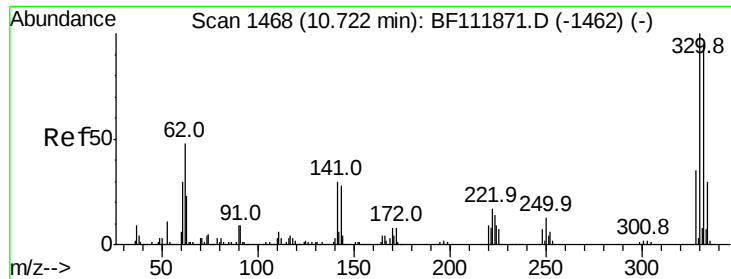


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

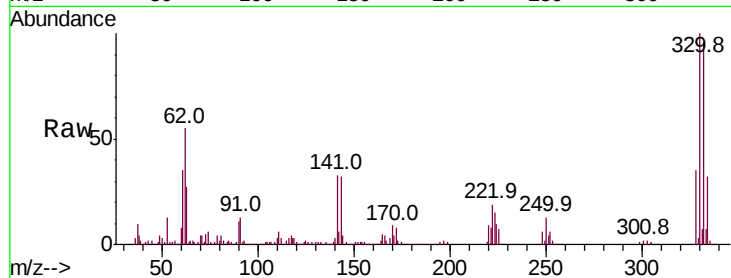




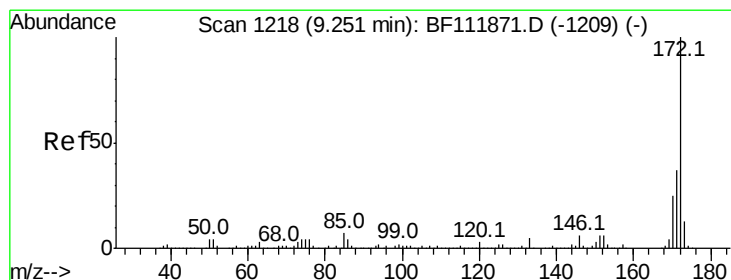
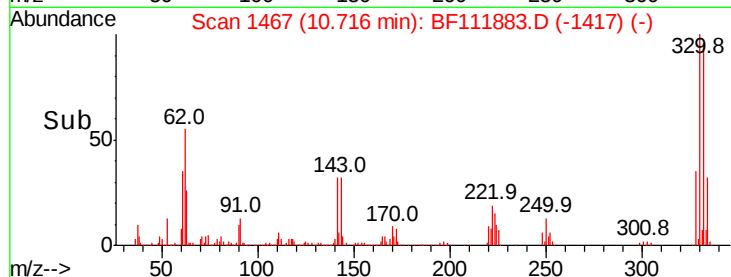
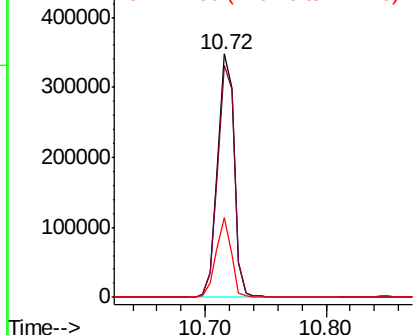
#42
 2,4,6-Tribromophenol
 Concen: 97.623 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-DRUM

Tot Ion:330 Resp: 326792
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 29.7 23.7 35.5

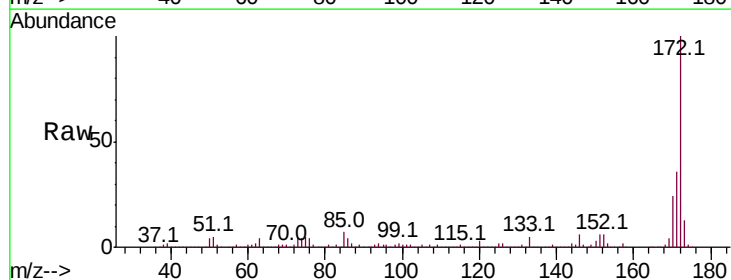


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

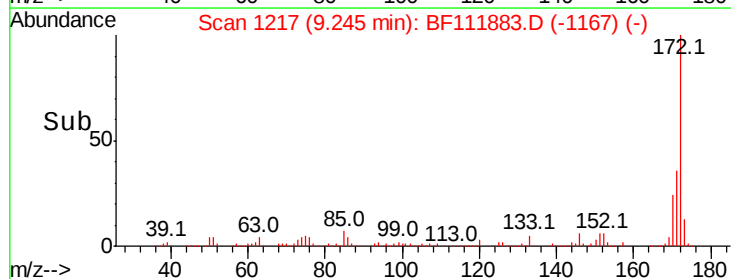
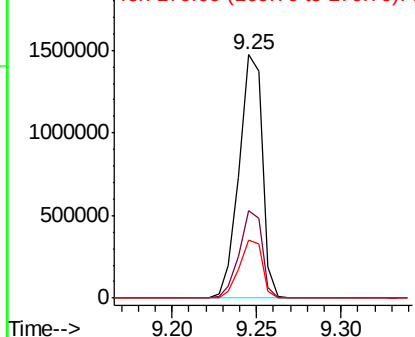


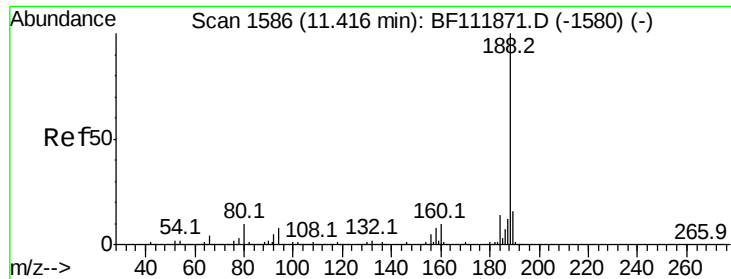
#45
 2-Fluorobiphenyl
 Concen: 79.883 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

Tgt Ion:172 Resp: 1409869
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8



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

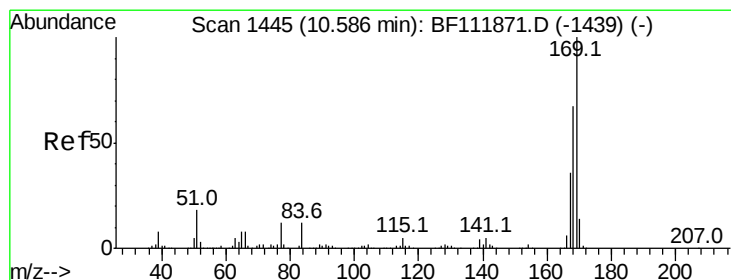
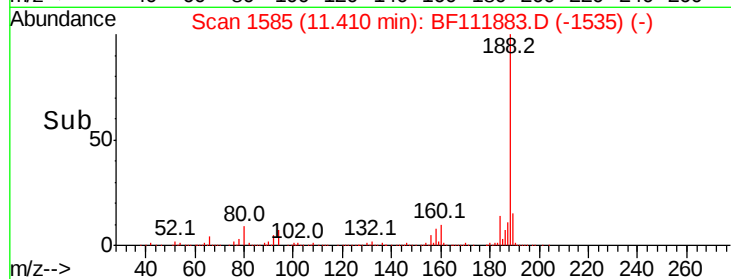
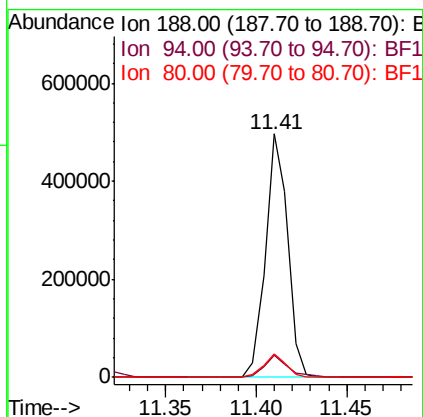
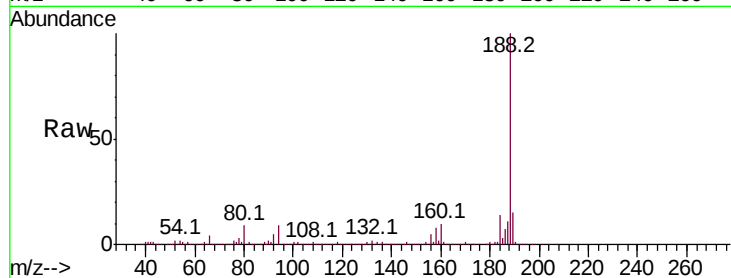




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

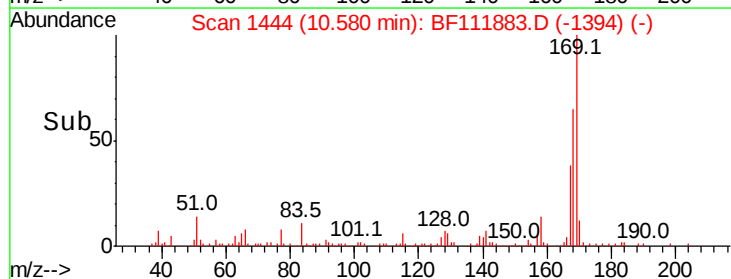
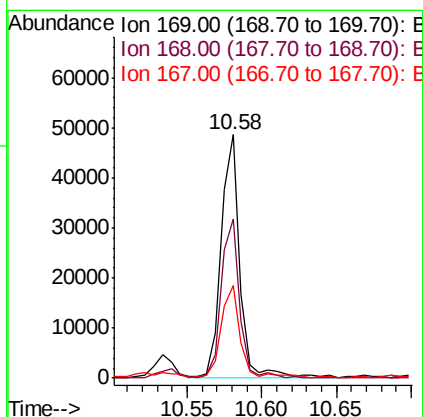
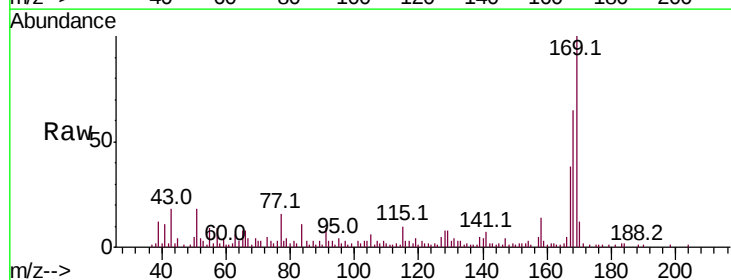
Instrument :
BNA_F
ClientSampleId :
COMP-4-DRUM

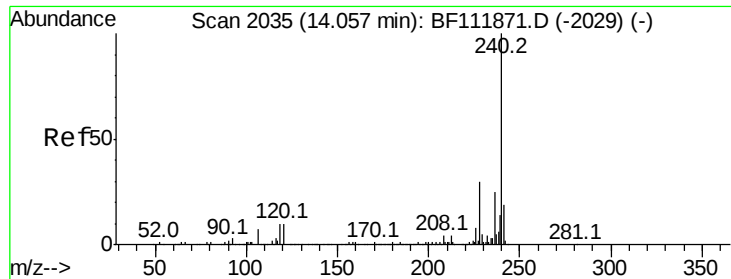
Tot Ion:188 Resp: 422128
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 7.7 11.5



#66
n-Nitrosodiphenylamine
Concen: 3.073 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

Tgt Ion:169 Resp: 43535
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 38.0 29.1 43.7

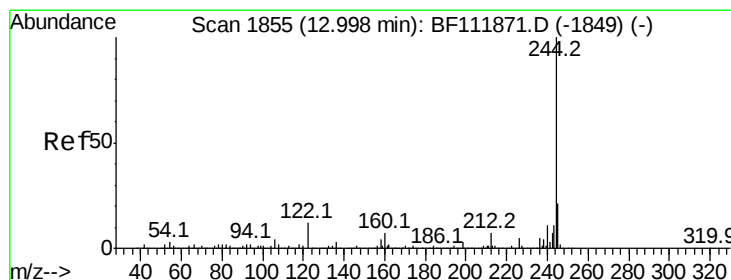
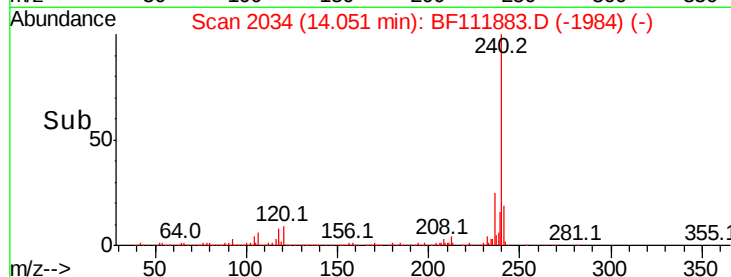
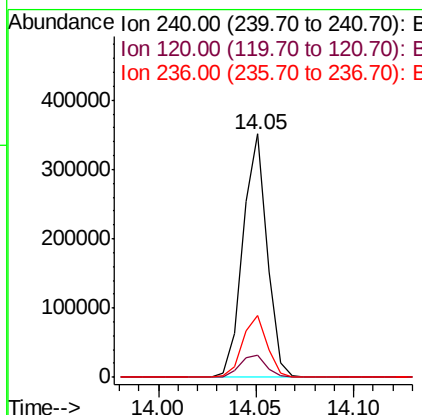
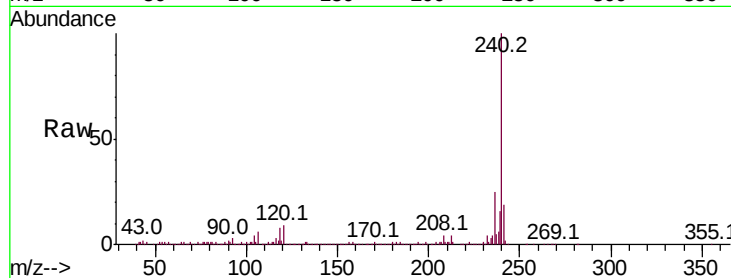




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

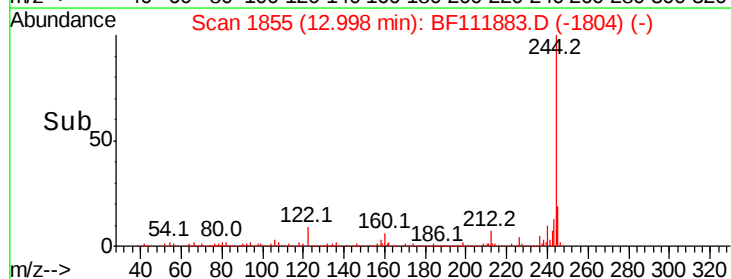
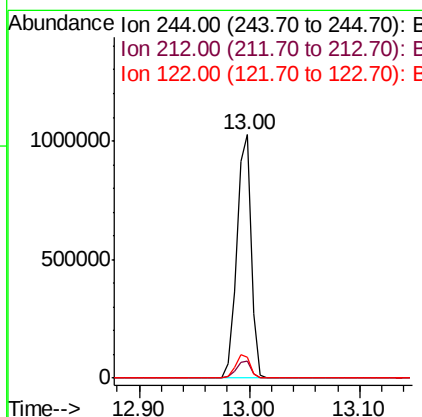
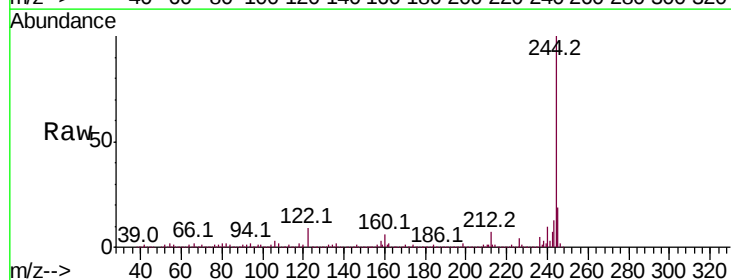
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-DRUM

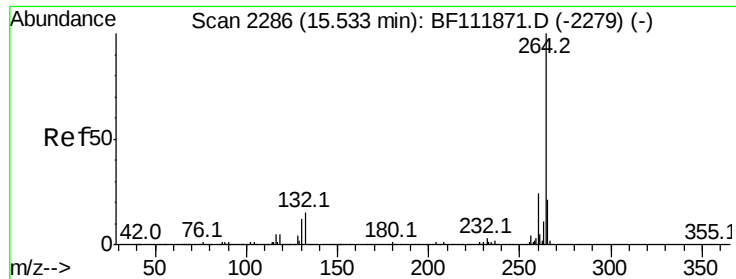
Tot Ion:240 Resp: 300963
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.2 12.2
 236 25.3 20.2 30.4



#79
 Terphenyl-d14
 Concen: 59.435 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111883.D
 Acq: 7 Jan 2019 18:20

Tgt Ion:244 Resp: 942335
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 8.6 9.5 14.3#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111883.D
Acq: 7 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
COMP-4-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.5	17.1	25.7

